

Once successfully installed you should see the above displayed on your smartphone screen. Click on the OPEN button.



**UTXL**  
**HAULCOM**

**Load Number:**

**Phone Number:**

Next

When you OPEN the Haulcom app, your smartphone will display the above screen. Enter the UTXL load number that was assigned to your current shipment. In this example it is Load Number: 282456



**UTXL**  
**HAULCOM**

**Load Number:**

282456

**Phone Number:**

8165478874

Next

After entering your current Load Number, enter your 10 digit cell phone number and then press the Next button

Next, the above screen will display. Please press CONFIRM.

9:59 AM

**UTXL Check Call**

**UTXL CHECK CALL**

**Route Code:** ABC123  
**Carrier Name:** ABC Trucking, LLC.  
**Check In Every:** 240 minutes  
**Phone Number:** 212-555-1212

By pressing Confirm you are agreeing to UTXL Check Call's Terms of Service and you understand this application will report your location to UTXL, Inc.

**Confirm**



**UTXL** **HAULCOM**

**Load Number:** 282456

**Check In Every:** 180 minutes

**Phone Number:** 8165478874

This display confirms the Load Number, GPS Check In Frequency (ie: 180 minutes) and the Phone Number being tracked

A screen similar to this will remain displayed on the Haulcom app screen. You can manually submit a GPS location anytime simply by pressing the Check In button. If you want to telephone UTXL, our toll free number will be dialed by pressing the Call UTXL button.

    10:00 AM  
**UTXL Check Call**

# **UTXL CHECK CALL**

**Route Code:** ABC123  
**Carrier Name:** ABC Trucking, LLC.  
**Last Check In:** 08/25/2011 10:00 AM  
**Next Check In:** 08/25/2011 12:00 PM  
**Status:** Okay

**Check In**

**Call UTXL**

While the HaulCom app is running on your phone, a bobtail tractor image is displayed at the top of your screen display. You can drag the HaulCom app "X" Icon to your smartphone's home display screen as you can see in the above example.





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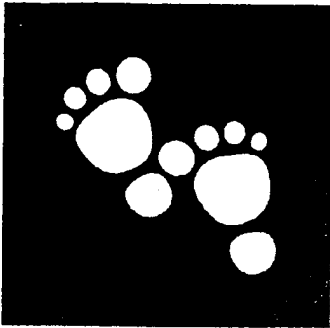
APP NAME	PRICE	CURRENT / TOTAL INSTALLS	AVG. RATING/ TOTAL #	CRASHES & ANRS	LAST UPDATE	STATUS
X HaulCom 1.11	Free.	2 / 11	—	—	Nov 30, 2011	Published

Page 1 of 1

10

FollowMee

FollowMee GPS Tracker



\$3.99 Buy

This app is designed for both iPhone and iPad

Rating: 4+

LINKS

Privacy Policy

Developer Website

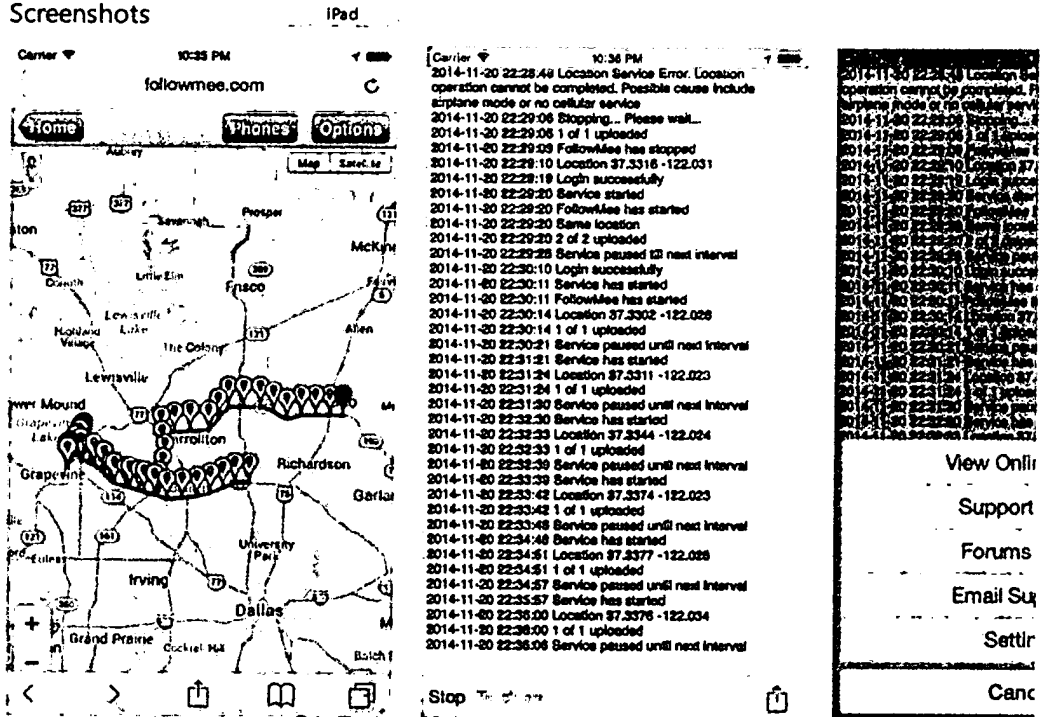
FollowMee LLC

# GPS Location Tracker for iPhone and iPad - Standard Edition 4+

FollowMee LLC >

Details Ratings and Reviews Related

## Screenshots



## Description

GPS Location Tracker by FollowMee tracks location of an iOS device. Installing the App to a device that you want to track, it quietly records its locations (GPS, WiFi, or Cellular) periodically and uploads to a secured server. To monitor location of your tracked device, you simply open our web site (<http://www.FollowMee.com>) in any browser (either desktop or mobile). Using this app, you can track your children's movement daily, follow whereabouts of your family members or employees. In additions, you can locate your lost or stolen device.

View our Introduction video <http://youtu.be/4buf8wQmlYo>

## USE CASE

- Follow whereabouts of your family members, employees, or vehicles
- Install to your iPhone so that other people can track you
- Track your running, hiking, or biking
- Locate your lost or stolen device

## FEATURES

- Free Location Monitor

There is no subscription fee to track your devices. Simply open our web site (<http://www.FollowMee.com>) in your desktop or mobile browser. 7-day history is maintained in the web site

- Tracking Multiple Devices

You can track multiple devices in your account. All your devices are shown in the same place

- Real-Time Update

Location data for your device is available in our web site real-time. Please note that this feature is not available for WiFi-only iPad or iPod Touch

► Opt-in Sharing

You can publish your tracks through URLs or downloadable KML files. You can embed your tracks in your own web site or Facebook

► Downloadable Reports with Mileage

You can download your tracks in HTML or CSV (Excel) file format and include mileage calculation

► Geo-Fencing

You will receive notification email when your tracked device exits or enters the geo-fence. Geo-fencing can be set up in our web site

► SOS Panic Button

Email your current location and call a designated telephone number through cellular (for iPhone) or VOIP (for iPad or iPod Touch)

► Low Battery Consumption

This app is designed to conserve your device battery and it does not drain your phone battery

► Always On

Once the app starts, it runs quietly in the background and requires no human interaction. It continues to run even after the tracked phone reboots. It will restart itself if terminated by a user. It only stops when the stop button is pressed

► No-Internet Contingency

Location data is uploaded to our secured server. When internet is temporarily unavailable, location data is cached (encrypted) in the iPhone. It resumes uploading when internet becomes available again

► Password Protected

Screen can be locked by a password so that a thief or other people cannot stop the app

► Multiple Mobile Platforms

Other mobile platforms are available in our web site

SIDE NOTE

► Only work with iOS 6 or above iPhone (3GS or later) or iPad

► Continued use of GPS running in the background can dramatically decrease battery life

**What's New in Version 4.0** Posted Dec 16, 2015

- Improved data upload process
- Minor UI change

**Version 3.8.0** Posted Dec 4, 2014

- Screen compatible with iPhone 6/6 Plus
- Fixed location offset problem in Korea
- Added a setting reset button

**Version 3.7.0** Posted Oct 15, 2014

Fixed an unusual situation that might caused the app to stop tracking.

**Version 3.6.0** Posted Jun 25, 2014

- Improved forced update interval
- Improved accuracy when used in China

**Version 3.5.0** Posted Jan 17, 2014

- Fixed a bug that might cause tracker to stop when an iOS7 device restarts.
- Fixed a rare case that app setting is reset when an iOS7 device restarts.
- Improved accuracy of speed value for GPS location.
- Improved performance when background app refresh setting is disabled.
- Added forced location update per specified interval.

**Version 3.3.0** Posted Nov 27, 2013

- Enable voip receiving function when app is in background

**Version 3.2.0** Posted Oct 17, 2013

Fixed the following:

- Tracker might stop in iOS7 device

**Version 3.1.0** Posted Aug 9, 2013

- Removed UUID
- **IMPORTANT:** This update requires you open the app and update your FollowMee password

**Version 3.0.0** Posted Apr 17, 2013

- use your own lock screen passcode
- more helpful text on settings screen
- some minor UI improvements
- none value for setting power saving mode is no longer supported

**Version 2.7.0** Posted Oct 17, 2012

- Added an option in power saving mode to allow upload all location
- Fixed 2 situations that might cause the app to stop tracking
- Tested in iOS 6 device

**Version 2.6.0** Posted Aug 14, 2012

- Remove an in-app purchase item
- Some minor bug fixing

**Version 2.5.0** Posted Jul 19, 2012

- App changed from paid app to free app with in-app purchase.
- Fixed app crashed when unlocking the password screen on some iOS 4 devices.

**Version 2.1.0** Posted Jan 23, 2012

- Added receiving incoming voip call function
- Some bug fixing and improvement

**Version 2.0.0** Posted Nov 19, 2011

- Added function: track schedule
- Added function: track interval less than 10 minutes
- Added function: SOS panic button with VOIP function
- Added function: tracker status (including battery level) on web site
- Fixed bug: app not restart when destroyed in iOS 5 ...

more

**Version 1.9.1** Posted Sep 20, 2011

- \* Fixed bugs causing app crash
- \* Fixed a bug causing the uploader stop working
- \* Added a Call Home button for quickly calling for help during emergency
- \* Minor modification in various screens

**Version 1.8.0** Posted Jan 25, 2011

- Fixed a situation that causes excess battery usage
- Fixed some other bugs

**Version 1.5.0** Posted Nov 30, 2010

- Fixed several app crashing bugs
- Fixed issue related to track interval greater than 20 minutes
- Fixed issue related to viewing map of past x hours sometimes not producing expected result
- Enhanced login screen
- New feature: app will continue to run after iPhone reboots...

more

**Version 1.1.0** Posted Oct 22, 2010

1. Code fixing to address several app crashing
2. Enhance login screen

**Version 1.0.0** Posted Oct 10, 2010

**Information**

<b>Seller</b>	FollowMee LLC
<b>Category</b>	Travel
<b>Updated</b>	Dec 16, 2015
<b>Version</b>	4.0
<b>Size</b>	3 MB
<b>Rating</b>	Rated 4+
<b>Family Sharing</b>	Yes
<b>Compatibility</b>	Requires iOS 6.1 or later. Compatible with iPhone, iPad, and iPod touch.
<b>Languages</b>	English

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Help  
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iTunes Tutorials  
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System Status

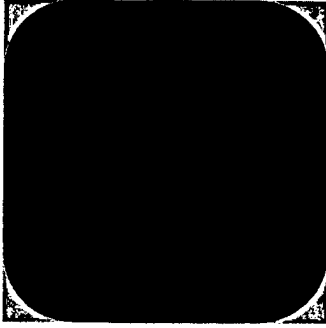
Manage  
Account  
Redeem  
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Change Country

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11

uFollowit



Get

Rating: 4+

LINKS

Privacy Policy  
Developer Website

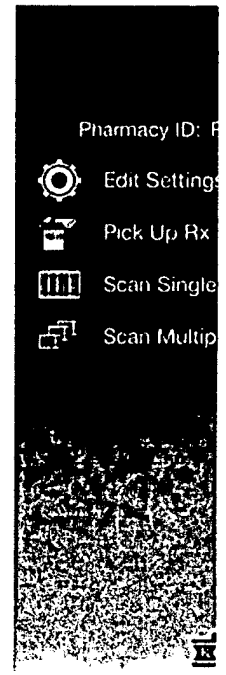
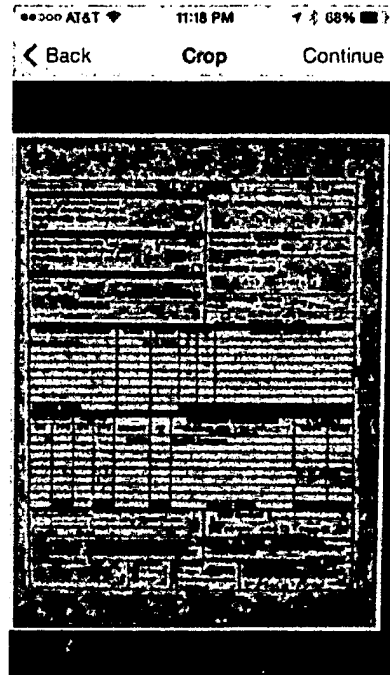
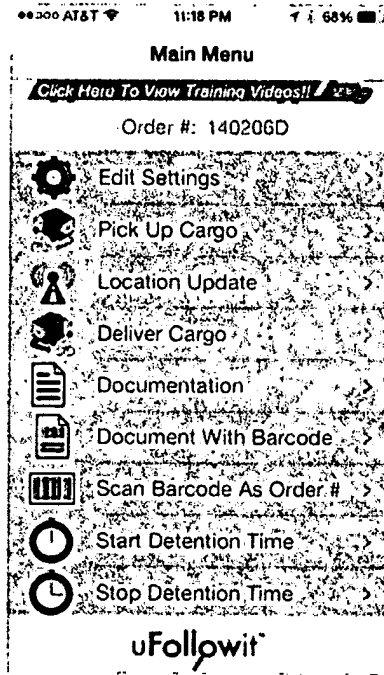
2014 by uFollowit, Inc

# uFollowit 4+

uFollowit, Inc. >

Details Ratings and Reviews Related

## iPhone Screenshots



## Description

uFollowit extends corporate communications to your mobile force; truck drivers, service techs, warehouse, outdoor and delivery personnel. All third parties are now incorporated into the logistics network. Our service is fully integrated with leading image systems, EDI tendering and electronic invoicing systems. Take advantage of your workforce's use of iPhones and iPads with customizable business critical events and seamless integration to your existing workflow or imaging system. With our app at your fingertips, you can produce real-time location based events / transactions, with data validation, proof of delivery with signature capture; you can also capture and forward all service related documentation for immediate reference by all parties who need it.

PLEASE NOTE: You must have a valid uFollowit client ID and complete device profile in order to use the advanced features of full integration with your TMS, WMS, ERP, or imaging system. Call (800) 256-6414 to obtain your credentials today.

After registration, you must enter at a minimum: a route, trip or order number. This will allow all related events and documents to be batched together for further processing and workflow integration. The service can instantly: notify all stakeholders at the time of service execution, provide automatic in-transit statuses including capturing data and distributing service completion location. Additional information can be captured with events that contain pre-defined lists, open text fields and barcode scanning with validation of data, this provides real time capture of location based transactions like the consignee or client name, number of pallets or boxes, signature and other related documents.

For those needing a customized / branded configuration, the application can dynamically change colors, display company logos and provide selection fields with pre-loaded options, document and event lists based on your unique needs. For the transportation industry, the document list includes: Bill of Lading, Driver Logs, Scale Ticket, Fuel/Expense receipts, 'Lumper' fees or photos of damaged freight, just to name a few and the Events include Pick Up, Delivery, Start / Stop Detention Time, Report a Delay etc... If you have a unique need, call us and we'll discuss how to make this powerful and infinitely flexible application work for you.

All document images are scored and programmatically reviewed on the phone for quality. You can load images directly from your phone's camera roll or send and receive forms to your unique mobile device. The use of tools like the uScanit Clipbox, provide a stable environment for consistent quality document photos. It's the best of all worlds - the predictability of a traditionally scanned document with the convenience of an "always on" device without any need for a



laptop or an additional data plan!

Users can download forms, view and sign eDocs specific to their company for automatic forwarding or manual printing via iPhone compatible printer/scanners. Once all the documents are captured, cropped and saved, these documents are batched and automatically forwarded to your back office system(s) via email or custom API/FTP/Web Services integration. The user can also review and forward them to other interested parties via email from the Document History page from within the application.

The possibilities are truly endless, and the customization options are many. Contact us today to learn more about a custom configuration. We're confident that we can help make you more efficient and profitable by using the power of the mobile device in your hand.

PLEASE NOTE: Continued use of the optional background Auto-Status / GPS feature built into this application can dramatically decrease battery life.

As always, we want to hear from you - contact us and provide us feedback either by phone (800) 256- 6414 or by email: support@uFollowit.com

Thank you for the opportunity to earn your business.

### What's New in Version 7.9.3 Posted Oct 27, 2015

7.9.3:

- Configurable Image compression for faster transmission times
- fix for email addresses longer than 40 characters

### Version 7.9.2 Posted Sep 25, 2015

7.9.2: iOS 9.0 compatibility updates

### Version 7.9.1 Posted Sep 10, 2015

7.9.1: Fix for document lists that only contain one entry and added decimal point to allowed character set when document or event prompts do not have a predefined mask.

### Version 7.9 Posted Jun 20, 2015

7.9 Improved queue management, Optimized location events

### Version 7.8 Posted Jan 9, 2015

7.8:

- iOS 8 compatibility updates
- improved transaction management

### Version 7.5 Posted Jul 17, 2014

- Reworked document submission
- Optional document review
- Minimum document scoring by document type

### Version 7.0 Posted Apr 9, 2014

- New look and feel that is completely customizable
- The application can be branded to match your organization
- Streamlined document capture and submission
- Event options to match your workflow

### Version 6.02 Posted Feb 19, 2013

6.02:

- Delivery signature capture update for iOS 6+

6.01:

- Advanced Profile error fix...

[more](#)

### Version 6.01 Posted Jan 31, 2013

6.00:

- Document Capture: Reintroducing auto-edge detection. Put your documents on a dark background or in the uScanit Clipbox and the app will auto-detect the document edges.
- Instant image quality feedback: We now provide you your image quality score and whether or not it meets the minimum value...

[more](#)

### Version 6.0 Posted Dec 10, 2012

Version 6.00 What's New:

- Document Capture: Reintroducing auto-edge detection. Put your documents on a dark background or in the uScanit Clipbox and the app will auto-detect the document edges.
- Instant image quality feedback: We now provide you your image quality score and whether or not it meets the

more

**Version 5.1** Posted Jan 11, 2012

Version 5.1 updates:  
- Fix for occasional blank screen at start-up.

Version 5.00 updates:  
- Document Capture Options: You can now load document images from your iPhone's camera roll. You can use other...  
more

**Version 5.00** Posted Dec 13, 2011

Version 5.00 updates / What's New:  
- Document Capture Options: You can now load document images from your iPhone's camera roll. You can use other camera applications or a Wi-Fi enabled scanner (HINT: Scan documents in color) to optimize your document images prior to submission via uFollowit.  
- Automated image quality feedback Once you complete your advanced user profile you can set up a preferred...  
more

**Version 3.1** Posted Jun 20, 2011

- Bug Fixes / Corrections:  
o Spanish translations  
o Pop Up message details  
o Field Prompts  
- Features:...

more

**Version 3.0** Posted May 19, 2011

- 4.0+ compatibility  
- Removed complicated image settings, all are set automatically  
- Dynamic fields for document indexing  
- Dynamic document list for multiple industries...

more

**Version 2.0** Posted Feb 15, 2010  
Document capture and management.

**Version 1.1** Posted Nov 20, 2009  
signature capture

**Version 1.0** Posted Oct 12, 2009

**Information**

<b>Seller</b>	Ufollowit, Inc.
<b>Category</b>	Business
<b>Updated</b>	Oct 27, 2015
<b>Version</b>	7.9.3
<b>Size</b>	3.6 MB
<b>Rating</b>	Rated 4+
<b>Family Sharing</b>	Yes
<b>Compatibility</b>	Requires iOS 7.0 or later. Compatible with iPhone, iPad, and iPod touch.
<b>Languages</b>	English, French, Spanish

**Customers Also Bought**



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12

myGeoTracking

## Abaqus Blog

As users of the web and location devices, we leave GeoTracks everywhere. The Abaqus team is working to give you control of your GeoDiary. Join us...

February 25, 2010

### myGeoTracking: Asset Tracking & Monitoring Service

Abaq.us provides hosted custom, geotracking service to enable tracking & monitoring of valuable assets. Abaq.us custom solutions can be employed in industries such Transportation, Government, Healthcare, Construction, and for Small-to-Medium sized businesses with field services personnel and assets. It can also be employed by end-users with vehicle, pets & family tracking needs. Abaq.us' delivers this service as a hosted solution thus greatly reducing the total-cost-of-ownership for the end customers.

#### Benefits of a GPS based tracking solution

- Use real-time GPS vehicle tracking for easy mobile-resource-management to ensure good customer service. Solution can ensure accurate pick-up & delivery times while ensuring beneficial utilization of company vehicles and personnel.
- Use GPS tracker device for time & attendance records (capture onsite arrival/departure times). Improve employee productivity
- Effectively manage field personnel with real-time information and directives from HQ central offices.
- Manage efficient fuel consumption and provide better asset / vehicle allocations to operations team
- Get better insurance rates on vehicles that have a Real Time GPS system
- Locate lost or stolen property with exact location details and geographical positioning.
- Integrate asset history and live tracking data into business processes to improve accountability, planning and budget management.
- Provide safety and security to children, pets and other family members with direct assistance and support.

#### 2. myGeoTracking Service Details:

Abaq.us myGeoTracking service runs on top of the Abaq.us GeoWeb Services platform. The service provides an interface to the end-customer's tracking devices, a console for provisioning & management of these tracker devices; a web browser and smart-phone based monitoring application for live and historical location activities; an analytics engine and a reporting system connected to customer's backend.

##### i. GPS Tracking Device

Abaq.us supplies GPS tracker HW based on specific solution requirements. Abaq.us also provides a web gateway which can connect with any NMEA compliant GPS tracker device over a GSM / CDMA cellular network.

If you have a device you can contact us by email at [support@abaq.us](mailto:support@abaq.us) to discuss how we can support it!

##### ii. GPS enabled Smart Phone applications

Abaq.us phone apps enable you to Track, remotely configure, and view the history of any GPS tracker unit using a secure, easy-to-use mobile interface. The application is currently available on GPS enabled Blackberry, Android, iPhone, Windows Mobile phones.

##### iii. Web based Administration tool

This is a provisioning tool for customers to manage deployment and provisioning of GPS Tracker devices across their assets. The tool supports the following features:

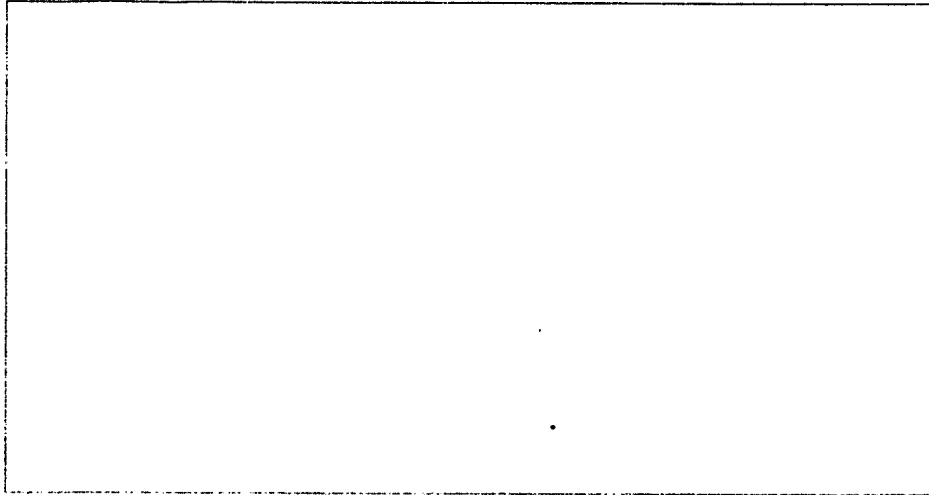
Register and setup accounts for the mobile GPS tracker devices

Register and setup manager accounts for these customers. This includes assigning mobile tracker visibility for particular managers

Setup Location events based triggers to launch business rules processing

Once provisioned, the business customer will be able to monitor their tracker via Abaq.us' browser based application (cockpit). The application works with Google and specially-provisioned local maps.

##### iv. Web based Tracking & Visualization application (Cockpit)



Abaq.us myGeoTracking cockpit displays data from various trackers. This application can be launched from within any web browser and displays live and historical tracker data on a local map. This application serves as the primary tool for the managers and provides the following features:

Visualize user's current location, history, groups of users on a Map. The visualization will be based on markers on top of the map.

Add audio, pictures, video & text annotations to the tracks directly from the field

Support for Google. This can be switched to other local map layer based on customization requirements

Visualize other types of gps tracker sensor data including battery, external input such as audio & temperature, ignition on-off etc.

v. Alerts

The myGeoTracking service enables an administrator to setup various rules to trigger SMS, Email and phone call based alerts based on geo-sensor readings by a tracking device. Rules can be set to trigger alerts for device tampering, violating geo-fences, over-speeding, emergency alert, kid & patient safety alerts etc.

vi. Business Rules Adaptor, Analytics & API

Abaq.us provides complete data portability and can hook GPS tracker device data such as Longitude, latitude, address, speed, signal strength, battery level, external inputs, geo-fences, and waypoints into a customer's business rules engine. Abaq.us provides analytics on this data as web-services based API for custom-integration with internal business processes OR external web resources e.g. payroll, accounting, dispatch center etc.

vii. Web Reports

Abaq.us offers industry standard data feeds such as CSV, XML, KML, JSON and web page based reports on the aforementioned data.

3. Demonstration

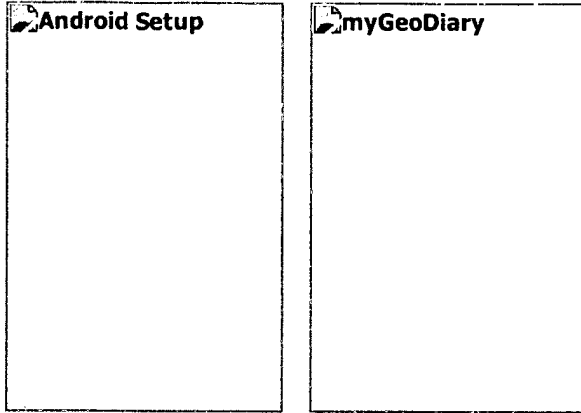
A personal GPS based social application is available at [www.myGeoTracking.com](http://www.myGeoTracking.com). Please get in touch with us at [info@abau.us](mailto:info@abau.us) to setup a demonstration of myGeoTracking service connected to your specific GPS Tracker device.

Posted by Abaqus Team on February 25, 2010 at 07:25 PM in [Asset Tracking](#), [GeoTracking](#) | [Permalink](#) | [Comments \(2\)](#) | [TrackBack \(0\)](#)  
[Digg This](#) | [Save to del.icio.us](#)

July 08, 2009

## Android Application Setup & Upgrade

### Android Application



We recently launched our Android Application to enable users to record their tracks or points-of-interest (PoI) content from their Smartphones and automatically upload it their myGeoDiary account over the mobile network.

Since the launch in late May, we have received some great feedback (happy and angry) from our user community and we are constantly striving to address them.

Outlined below is some basic help guide on the application:

1. We have noticed that some of you are having problems with the application when the phone does not get a GPS fix OR a good cellular signal. The Android application does not get a GPS fix and creates a track with zero points. This could be due to the Android phone's GPS not being turned ON or poor GPS reception (Android phones do not have their GPS, WiFi and Bluetooth turned on by default).

**Solution:** Users have to go into settings and manually turn on the GPS satellite option (See attached screen shots). We have fixed this problem such that no tracks with zero points are now being created. In case you have an old track with zero points, please delete them.

2. The Android application loses some GPS points. This is due to the application losing the points when there is cellular coverage to upload the GPS points.

**Solution:** We have fixed this problem such that the phone will store your location data and periodically upload them to the server when a cell coverage is available (instead of losing them).

Posted by Abaqus Team on July 08, 2009 at 04:27 PM | [Permalink](#) | [Comments \(3\)](#) | [TrackBack \(0\)](#)  
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### myGeodiary supports Facebook Connect

myGeoDiary now supports Facebook Connect!



With the Facebook Connect, myGeoDiary now enables users to easily share their content & activity on myGeoDiary with their friends on Facebook. Users are able to log into myGeoDiary using their Facebook credentials (name / password), share their content & activity with their friends on Facebook (by publishing myGeoDiary track links) and maintain similarities in their profile information between myGeoDiary and Facebook.

\* Identity: A user can Login to myGeoDiary using their Facebook credentials

\* Profile: A user's name, photos, and more are now consistent with their profile on Facebook.

In the near future, Abaq.us will further enhance myGeoDiary by extending its Facebook integration to include:

\* Friends: A myGeoDiary user will be able to choose to easily share their content & activity with their friends on Facebook.

\*Social: User's activities on myGeoDiary will integrate with all of the integration points within Facebook, like Facebook widget application, stream stories and notifications.

Abaqus Inc. <http://www.abaqus.us> +1-801-231-9076 (mobile) +1-800-507-1673 (fax)

Posted by Abaqus Team on July 08, 2009 at 04:15 PM | [Permalink](#) | [Comments \(0\)](#) | [TrackBack \(0\)](#)  
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May 26, 2009

## Setting up your myGeoDiary recorder on the Android phone

How to setup your Android phone to connect to myGeoDiary on the web? [http://www.myGeoDiary.com/oeg/images/site/arrow\\_top.gif](http://www.myGeoDiary.com/oeg/images/site/arrow_top.gif)

Thank you for downloading the myGeoDiary recorder for Android. If you have not downloaded the application yet, please visit the Google Android app store on your Android phone and click on <http://www.android.com/market/free-lifestyle.html>.

Here are basic instructions on how to setup your myGeoDiary recorder application on your phone:


1. When you first launch your Android myGeoDiary application, it will prompt you to set up your account at [www.myGeoDiary.com](http://www.myGeoDiary.com) on the web.
2. If you already have the account created, please enter your user credentials and configure other parameters such as recording frequency etc.
3. If you do not have an account on myGeoDiary yet, please sign up for an account at <http://www.mygeodiary.com/geo/si/signup>
4. Once you have confirmed your registration, your name / password can now be used to securely upload your gps tracks from your smart phone directly to your account on myGeoDiary.
5. Also ensure that the Android phone's location manager is setup to work with GPS.
6. Once the setup is complete, you are now able to record your GPS tracks or a single point of interest using your GPS enabled phone.

Shailendra Jain

Abaqus Inc.

<http://www.abaq.us>

+1-801-231-9076 (mobile)

+1-800-507-1673 (fax) 

Posted by Abaqus Team on May 26, 2009 at 04:11 PM | [Permalink](#) | [Comments \(0\)](#) | [TrackBack \(0\)](#)

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## myGeoDiary on Android Phones

Abaq.us Announces Support for myGeoDiary on Android-Powered Devices myGeoDiary Service Now Integrated with GeoMob Application from Orange R&D Labs

-- Abaqus, Inc. today announced the availability of a new myGeoDiary Recorder for Android-powered devices, enabling individuals with Android-platform, GPS-enabled phones to record their geo-social tracks and directly upload them to the free myGeoDiary service on the web. The on-device myGeoDiary Recorder application has been specifically designed for use and branding by mobile operators to quickly and affordably provide location-based social networking services to their mobile phone customers. Towards this, Abaqus, Inc. today also announced that myGeoDiary will integrate with the GeoMob application by Orange R&D Labs and will be available on the Android Market under 'myGeoDiary for GeoMob'.

Using myGeoDiary (<http://www.myGeoDiary.com>), individuals can organize, personalize and share their tracks with friends and family or the entire community. They can also share their tracks with any site on the web as myGeoDiary is integrated with a suite of web 2.0 applications, including popular social networking sites, such as Blogspot, Flickr and YouTube.

GeoMob, from Orange R&D Labs, puts user-generated content on the map on the phone. Individuals can use their personal touchscreens to zoom into location-centric content such as events, weather, news, and local business reviews while myGeoDiary provides tracks based on their location. Users can also scroll through 'Geochannels' with location-specific content automatically updated for them. The timeline displays content on a historical basis. According to ABI Research, location-based mobile social networking revenues are expected to reach \$3.3 billion by 2013. Forward-thinking mobile operators are embracing this fast-growing market category.

Posted by Abaqus Team on May 26, 2009 at 08:51 AM in [Devices](#) | [Permalink](#) | [Comments \(0\)](#) | [TrackBack \(0\)](#)

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April 08, 2009

## New Community Features for tracking your Geo-Social Life

myGeoDiary Adds New Features for Adventurers Tracking their Geo-Social Lives Spring has sprung, and people all over the world are dusting off their bikes, hiking gear and fitness equipment in preparation for new adventures. To help individuals more fully capture their outdoor activities this year, myGeoDiary (<http://www.mygeodiary.com>) today added new features, including advanced activity-based search, community tags highlighting popular geo-social activities, and private and community track access differentiation, as well as an easier to use



web interface for its growing service.

Key features:

\* Organize and record it in one place. Tracks are automatically geo-tagged for review and comparison, enabling users to gain insight into their own and other's activities, such as fitness goals. Additionally, users can now search tracks by user activities and tags, and soon search by location, by full text and by person.

\* Personalize their geo-data by pin-pointing maps and uploading photos, video and audio with specific annotations to show where they have been. Users can also set access and privacy limits for viewing personal stored content on the free service.

\* Share their experiences via the web with family, friends and other community enthusiasts. Using the service, now users can publish personalized tracks to any website on the Internet, including popular social media and networking sites, such as Blogspot, Flickr, Google Earth, and mash-ups with Microsoft Virtual Earth, YouTube and more.

Posted by Abaqus Team on April 08, 2009 at 08:29 AM | [Permalink](#) | [Comments \(0\)](#) | [TrackBack \(0\)](#)  
[Digg This](#) | [Save to del.icio.us](#)

## Troubleshooting Blackberry GeoRecorder Application

We have recently been getting some feedback on our blackberry GeoRecorder app. Here are some troubleshooting tips:

1. Please ensure that the user / pwd credentials for myGeoDiary are properly set on your phone app
2. Please check to ensure that the Abaqus server URL points to [www.mygeodiary.com/geo/upl/uploadskychunk](http://www.mygeodiary.com/geo/upl/uploadskychunk)
3. At times, the mobile network may drop your connection while trying to upload your recorded geotrack to myGeoDiary. Please retry a few times. Our next version (1.4.1.8) will handle this more gracefully.
4. At times, the application may not properly record your tracks due to interruptions such as loss of battery power, no available storage etc. The KMZ file in such a situation will likely be corrupted. We are working to fix this problem.
5. At times, the phone is unable to get a GPS fix. To verify that your phone GPS is working properly, please go to Blackberry advanced setup options and click on GPS. Choose 'Refresh GPS' and see if you are able to get a new GPS fix. You can also go to Google Maps and check whether your location is cell-tower based or GPS based. Following these steps, launch Abaqus GeoRecorder app again and start tracking. It may take upto 2 minutes to get the initial fix.

Please send us your feed at [support@abaq.us](mailto:support@abaq.us) for any questions you may have on the service.

---

Shailendra Jain

Abaqus Inc.

<http://www.abaqus.net>

+1-801-231-9076 (mobile)

+1-800-507-1673 (fax)

Posted by Abaqus Team on April 08, 2009 at 08:24 AM | [Permalink](#) | [Comments \(0\)](#) | [TrackBack \(0\)](#)  
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February 15, 2009

## January: myGeoDiary News

Greetings! Hope that your new year has been off to a great start. In this month's newsletter, we will highlight some of the new features at myGeoDiary and also recap some of its existing powerful features.

### Basic Features

1. You can upload your GPS tracks through a PC or via a direct connection with your Garmin.
2. For users with a GPS enabled Blackberry and Windows Mobile phones, we provide a GeoRecorder application which can be downloaded from [here](#) for \$4. We also have an application on the Where.com platform which runs on Java phones, Nokia smart phones etc. on networks such as Sprint, Helio, ATT et al. You can access Abaqus widget on the WHERE platform [here](#) for FREE !!
3. Uploading pictures to creating a geotagged slide show is easy! \* Use a phone (e.g. BB), take photos, record tracks, upload to myGeoDiary. The service will geotag the photos and directly post to any photo service (e.g. Flickr)
  - Geotag photos with PND: Use a PND (e.g. garmin) to record tracks, use a camera to take photos, upload separately to myGeoDiary. The

<https://web.archive.org/web/20100819041357/http://abaqus.typepad.com/>

service will automatically geotag the photos, and directly post the original photos to Flickr!

4. As a user of myGeoDiary, you have a personalized 'myGeoDiary' page where your friends and family can see your Public tracks. e.g. Steve's Page:<http://www.mygeodiary.com/geo/pub/glog/sbursley>.
5. You can also create a public page for any single tracks e.g. Ridges on a Muir Trail. All of these public pages allow your friends and family to comment on your tracks.

### Advanced Features

1. Linking your myGeoDiary account with Blogger and Flickr: If you have an existing account at these services, simply click on the activation link in the Profile Tab and follow the steps. Once authenticated, you can directly post your geotagged content to these websites. \* tag "Flickr": to post photos to Flickr \* tag "blogspot": to post gps tracks to blogspot e.g. Steve's myGeoDiary Blog post
2. Creating your own personal geoRSS feed: Click on the Feed tab and follow the instructions on the panel. You can create a feed and set it to be automatically updated anytime you upload a track with a certain 'tag' to myGeoDiary.
3. Attaching videos to your tracks and use HTML to format your track descriptions: Simply edit an annotation and add a YouTube video embed code in the description box.
4. Adding your Comments to Public Tracks: You can add your own annotation comments on any public track. Simply right click on the track name and choose 'Add Annotation.' The annotations will then be visible to the entire MyGeoDiary community. This forms a great way to collaborate with the community on interesting GPS trip reports.

We appreciate all your feedback on ways to improve the service. So keep them coming. Also, if you are interested in joining our beta program where you get access to our latest phone applications, Web features & API use, please contact us at [support@abaq.us](mailto:support@abaq.us).

Cheers

Posted by Abaqus Team on February 15, 2009 at 11:06 AM in [Newsletter, Tips](#) | [Permalink](#) | [Comments \(0\)](#) | [TrackBack \(0\)](#)  
[Digg This](#) | [Save to del.icio.us](#)

## News from Abaqus Inc.

December 2008

Greetings! We wrap up 2008 with a great deal of excitement about what lies ahead for location-based social networking on the web. We have seen our users start to employ location data in their geodiaries for fitness, adventure travel, biking and other outdoor activities such as hiking & off-road driving. We are thrilled to see some of you use your geodiaries to map the world around you with photos, video and audio clips from your daily lives AND then share your journals with your friends and family. On the technology front, the web continues to innovate despite the current slowdown and we plan to be right there with you, providing the very best capabilities to location-enable your activities online. We are working on providing our geodiary service as the underlying application for some exciting new websites in the coming new year. We are also working to regularly integrate cool new web applications to the geodiary service especially around user-generated content such as Photography, Blogs, RSS feeds, Twitter and Lifestreaming.

### Website Update

- \* Our consumer service, MyGeoDiary which used to be at [www.abaq.us](http://www.abaq.us) has moved to [www.mygeodiary.com](http://www.mygeodiary.com). Many of your bookmarks will probably still work, but if they don't we are sorry for this temporary inconvenience.
- \* The [www.abaq.us](http://www.abaq.us) is still there and it now serves as our company website.
- \* We have a new MyGeoDiary home page! You can see a display of cool new public tracks contributed by our users.
- \* We have updated our phone applications on blackberry and Windows mobile. On the blackberry, you can now upload large tracks and picture sets directly over the mobile network.
- \* An increasing number of bike tracks, adventure travel recordings and vacation journals are being posted to the site. In the coming months, we will provide you statistics behind our user generated content
- \* We have added a 'HELP' presentations to demonstrate how to use various features in the service.

### Platform

Update We have recently opened up access to our MyGeoDiary platform for partners and customers to build their own cool LBS applications OR embed location-attributes to their existing online services. We host the web services platform to record-organize-publish geotracks using a wide variety of devices; provide a suite of APIs; and a basic administration service to make this process very simple.

- \* We have extended our tagging system to give our users additional controls over their geo-content organization, content publishing and community interaction. e.g.

<https://web.archive.org/web/20100819041357/http://abaqus.typepad.com/>

\* If you want to publish all tracks under a tag to a geoRSS feed, simply create a feed with the identical name as the tag.

\* If you want to publish certain tracks to your blogger account, organize those tracks under a 'blogger' tag

\* We have also built a powerful messaging system which allows you to initiate notifications to your social network when certain updates are made to your geodiary e.g. this can be used to build your personal 'beacon' service for your friends & family across multiple social networks.

Please contact us at [support@abaq.us](mailto:support@abaq.us) if you are interested in using our APIs.

Posted by Abaqus Team on February 15, 2009 at 11:00 AM in [Newsletter](#) | [Permalink](#) | [Comments \(0\)](#) | [TrackBack \(0\)](#)  
[Digg This](#) | [Save to del.icio.us](#)

December 11, 2008

## Recording your Tracks with Abaqus' GeoRecorder

You can use our GeoRecorder software on a Blackberry device (with embedded GPS) to record your tracks, take pictures and directly upload the tracks to your MyGeoDiary account. To set this up, pls follow these steps:

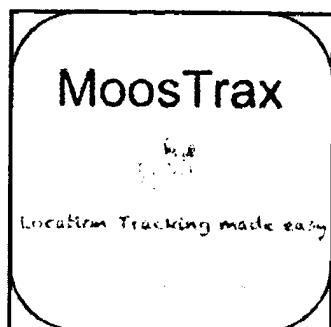
- Launch GeoRecorder application
- Click on the menu button and choose Abaqus setup options
- Enter your account name / pwd.
- Pls check to see that the server URL points to: <http://www.mygeodiary.com/geo/upl/uploadskychunk> . Save these options.
- Configure your Track recording parameters (frequency of recording, photo directory, geotrack directory etc.
- Start your recording (pls make sure that a good GPS signal is available)
- You can take photographs while recroding your tracks. These photos will be geotagged and placed at the right spot on the track.
- The photos will also be directly posted to your Flickr account if you have authorized your account to link to Flickr.
- After you have finished recording, the application will ask you to directly upload the track to your MyGeodiary account.
- You can give the Track a title, tags.
- You can also choose to directly post the track to your Blogspot blog (if you have authorized MyGeoDiary to link to your Blogspot account).

p.s. Every once in a while, the upload may fail because the mobile operator drops the Internet connection. Please try to upload again and it should work. Good day

Posted by Abaqus Team on December 11, 2008 at 03:49 PM in [Tips](#) | [Permalink](#) | [Comments \(0\)](#) | [TrackBack \(0\)](#)  
[Digg This](#) | [Save to del.icio.us](#)

13

MoosTrax

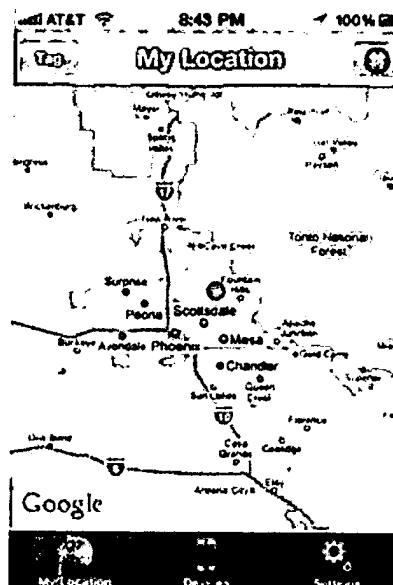
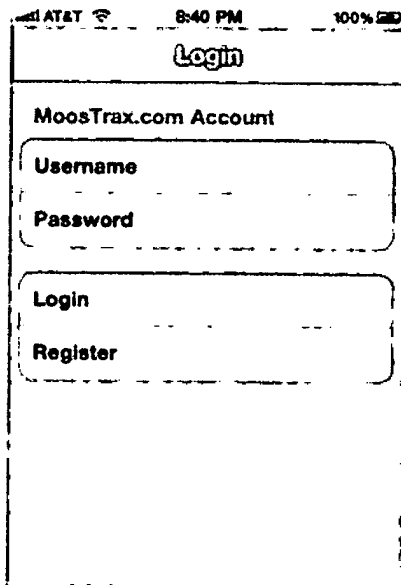


# MoosTrax 4+

Tech9 Computer Solutions, LLC >

[Details](#) [Ratings and Reviews](#) [Related](#)

## iPhone Screenshots



Get

Rating: 4+

LINKS

Developer Website

© 2010 Tech9 Computer Solutions, LLC

## Description

MoosTrax sends your iPhone's location to MoosTrax.com account. You can track your iPhone live, view location history, tag favorite locations, and setup GeoFence notifications from the website.

The iPhone application also allows you to view the location of any device on your account.

Signup for a free account at MoosTrax.com and get started!

Disclaimer: Continued use of GPS running in the background can dramatically decrease battery life.

## What's New in Version 1.0.1 Posted Aug 17, 2010

- Improved battery usage when MoosTrax starts after reboot.
- Fixed bug with removing an account.
- Better error handling when no network is available during login.
- Updated compatibility with iPhone 3G.

## Version 1.0.0 Posted Jul 29, 2010

## Information

<b>Seller</b>	Tech9 Computer Solutions, LLC
<b>Category</b>	Utilities
<b>Updated</b>	Aug 17, 2010
<b>Version</b>	1.0.1
<b>Size</b>	263 KB
<b>Rating</b>	Rated 4+
<b>Family Sharing</b>	Yes
<b>Compatibility</b>	Requires iOS 4.0 or later. Compatible with iPhone, iPad Wi-Fi + 3G, iPad 2 Wi-Fi + 3G, iPad Wi-Fi + Cellular (3rd generation), iPad Wi-Fi + Cellular (4th generation), iPad mini Wi-Fi + Cellular, iPad Air Wi-Fi + Cellular, iPad mini 2 Wi-Fi + Cellular, iPad Air 2 Wi-Fi + Cellular, iPad mini 3 Wi-Fi + Cellular, iPad mini 4 Wi-Fi + Cellular, and iPad Pro Wi-Fi + Cellular.
<b>Languages</b>	English

## Customers Also Bought



**Big Brother  
Camera Security  
Utilities**  
\$0.99

**ipFob  
Utilities**  
Get

**iCam - Webcam  
Video Streaming  
Utilities**  
\$4.99  
In-App Purchases

**Photo  
Investigator: Vie...  
Utilities**  
Get  
In-App Purchases

**Scany - network  
scanner  
Utilities**  
\$3.99

**Speed Checker.  
Utilities**  
Get  
In-App Purchases

Apple Music  
90-Day Trial  
Beats 1

Explore  
Music  
Movies  
TV Shows  
App Store  
Books  
Podcasts  
Audiobooks  
iTunes U

Features  
Browse  
Purchased  
iTunes Match

Help  
Support  
iTunes Tutorials  
In-App Purchases  
System Status

Manage  
Account  
Redeem  
My Wish List  
Change Country

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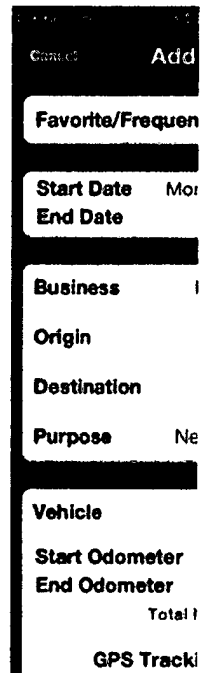
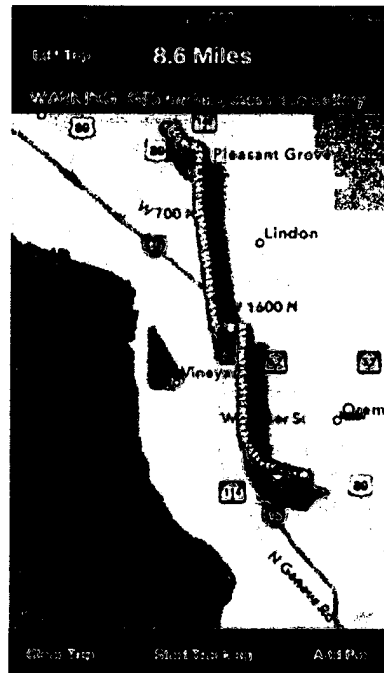
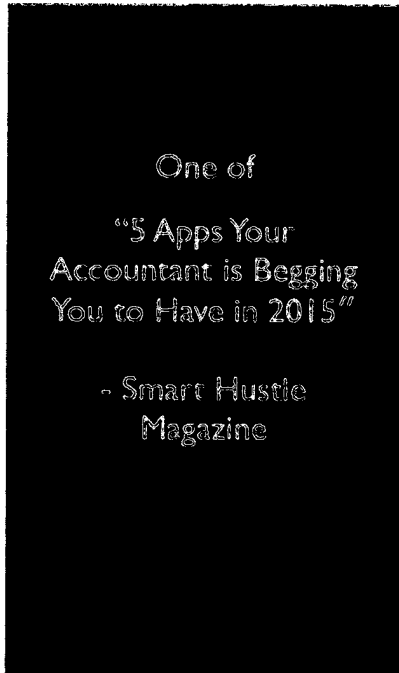
# MileBug - Mileage Log & Expense Tracker for Tax Deduction 4+

Izatt International >

Details Ratings and Reviews Related

## Screenshots

IPad



\$2.99 Buy

Offers In-App Purchases

This app is designed for both iPhone and iPad

(19)

Rating: 4+

### TOP IN-APP PURCHASES

- 1. MileBug Cloud Storage \$1.99

### LINKS

Developer Website

© 2008-2015 Izatt International

## Description

Track your trips, increase your 2016 deduction!

MileBug is the reliable GPS mile tracker that makes it easy to track your trips and related expenses so you get the tax deduction you deserve.

- "5 Apps Your Accountant is Begging You to Have in 2015" - Smart Hustle Magazine
- Hit #1 in Finance (U.S. - July 2015)
- Businessweek lists MileBug as 1 of 4 Tax Record Services (April 2013)
- "Milebug saves you time and money, and is a MUST have for any business owner." -- iReviewiPhoneApps

### RELIABILITY

- Easily export drive reports to excel or spreadsheets using CSV forms
- Easily email your drive reports
- Milebug CLOUD keeps all of your drive data safe even if your phone is lost (in-app purchase)
- iTunes File Sharing - Save a drive data file to your computer. You can restore it to the same or new device even if your phone is lost or damaged.
- Over 280k downloads of MileBug & MileBug Lite and over 6 years of reliable service.

### SAVINGS

- Get \$5.40 in deductions for every 10 business miles tracked in 2016.
- Save on battery life over other mile trackers that are constantly running
- No expensive monthly tracking fee
- Track trip related expenses for even more tax savings

### TRACKING:

- Full GPS path tracking (w/MAP DISPLAY)
- This GPS mile tracker drops a pin on the map view every 1/10 mile (approx). Edit the trip by dragging pins.
- Create custom categories for drive purposes

### DEMO TRAINING VIDEO

• <http://dailyappshow.com/milebug-app>

**FULL FEATURE LIST:**

- Track miles/km for MULTIPLE businesses
- Track miles/km for MULTIPLE charities
- Track miles/km for "Medical" or even "Other"
- Create your own expense categories
- Tracks your trips using GPS (full path on map)
- MileBug Cloud data backup and cross-device syncing (In-App Purchase)
- Data backup via iTunes File Sharing
- INTERNATIONAL SUPPORT: km/miles, custom rates, etc.
- Use Frequent Trips to save time
- Setup multiple vehicles...and name them!
- Custom Field per Trip, sortable in reports (e.g. client, project, etc)
- Odometer screen updates when changing vehicles
- Automatically opens to Edit for incomplete trip
- Designed to be IRS compliant
- Setup frequent destinations and purposes for easy use later
- Easily edit/delete/reorder Presets (see blog for more info: [milebug.com](http://milebug.com))
- Email HTML and Excel-friendly (CSV) reports
- Define date range of each report
- See report totals by business and vehicle
- Presets allow for trip recording with simple finger taps
- Clear Trips List when you want a fresh start
- See the deduction amount for each trip
- Incomplete trip badge on home screen icon
- Intuitive native iPhone/iPad interface
- Choose start screen in Settings
- How few miles will it take you to pay for MileBug?

SEE OUR BLOG: [www.milebug.com](http://www.milebug.com) (leave comments!)

"MileBug is a mileage tracker for your iPhone or iPod Touch that makes it super easy to...track your mileage. This is great if you need to report your mileage to your boss...the [IRS]...or for any personal reasons." -- App Store Apps

"Milebug saves you time and money, and is a MUST have for any business owner." -- iReviewiPhoneApps

IRS tax deduction rates are 54 cents/mile for 2016! Take advantage of these rates by keeping track of the miles you drive for your businesses, for charities, or for personal medical reasons. With MileBug, it's never been easier to make a trip log!

Continued use of GPS running in the background can dramatically decrease battery life  
Cellular data plan or WiFi required for proper use of GPS

**What's New in Version 3.2** Posted Jan 8, 2016

- 1) 2016 IRS Tax Rates are here!
- 2) "Type to Search" for Origin/Destination to quickly find an entry in your list.
- 3) Less scrolling to enter a Trip
- 4) Cloud storage improvements

...

more

**Version 3.1.1** Posted Jul 7, 2015

Minor modifications with app icons

**Version 3.1** Posted May 5, 2015

Push Notification Support

Bug fixes:

- MileBug Cloud synchronization
- GPS Background support

**Version 3.0.22** Posted Jan 20, 2015

\*Various Cloud Bugs Fixed:

- 1) Fixed deleted presets reappearing
- 2) Fixed auto login button
- 3) Fixed trips losing track of destinations
- 4) Added option to replace data on cloud...

more

**Version 3.0.21** Posted Jan 6, 2015

- 1) New 2015 IRS Mileage Rates
- 2) Odometer screen fixed
- 3) Cloud bug fixes



**Version 3.0.20** Posted Dec 17, 2014

Introducing MileBug CLOUD -- Data backup and cross-device syncing (In-app purchase)!

\*\*\*\* Odometer screen broken. Choose Number Pad in Settings as alternative. Fix on the way. \*\*\*\*

Plus iOS 8 ready! Minimum iOS 7.1 now required....

more

**Version 2.9** Posted Dec 24, 2013

2014 IRS Mileage Rates!

Favorite Trips Sorting Options - Custom, A-Z, Z-A

\*\*\* Backup before updating, just to be safe! \*\*\*

**Version 2.8** Posted Oct 1, 2013

iOS 7 Support

1) Add/Edit Businesses working properly now!

Plus...

1) Custom Field per Trip...

more

**Version 2.7.2.1** Posted Jun 4, 2013

Customer New Features Survey

**Version 2.7.2** Posted May 19, 2013

1) GPS fix for extended trips

2) Increased international support in CSV Reports

**Version 2.7.1** Posted May 2, 2013

1) Greater support for 1st Gen iPads

2) Reduced frequency of prompts for review

3) GPS and other bug fixes

**Version 2.7** Posted Mar 24, 2013

iPad Support - Now a Universal App!

plus bug fixes

**Version 2.6.1** Posted Feb 6, 2013

1) New high resolution graphics

2) BUG FIX - Reports properly group by Vehicle

3) BUG FIX - Expenses in Favorites correctly accounted

4) Greater international support - commas in expense currencies, plus iPhone 5 support for Swedish

**Version 2.6** Posted Jan 3, 2013

2013 IRS Mileage Rates now included

**Version 2.5.1** Posted Nov 9, 2012

1) BUG FIX - Tracking expenses within Favorite Trips no longer crashes

2) Separate Date and Time columns in Reports

3) Number Pad for Expense entry

**Version 2.5** Posted Oct 15, 2012

1) Now supports iOS 6 and iPhone 5

2) New Color Scheme!

3) FavTrip saves Expenses and Notes

4) Save sort option in lists

5) Bug fix on Report Sorting...

more

**Version 2.1.6** Posted Apr 16, 2012

1) End Date for Trips!

2) Prompt to save trip w/GPS

3) New hi-rez icon

**Version 2.1.5** Posted Jan 7, 2012

New IRS rates for 2012

Backup message now every 5 trips instead of 2

**Version 2.1.4** Posted Dec 5, 2011

PLEASE BACKUP DATA BEFORE UPDATING

1) iOS 5 Support

- 2) New First Use Message
- 3) Fixed Report bugs

**Version 2.1.3** Posted Oct 19, 2011

- 1. NumberPad is initial setting instead of wheel picker
- 2. Quick return on choosing Origin, Destination, and others (no longer have to click Save first)

**Version 2.1.2** Posted Jul 21, 2011

- \* Added reminders for backing up data
- \* Includes ability to email data backup file

**Version 2.1.1** Posted Jul 5, 2011

Includes new IRS deduction rates beginning July 1, 2011

**Version 2.1** Posted Jun 10, 2011

- \* Added mapped full-path GPS tracking!

**Version 2.0.1** Posted May 16, 2011

- \* Now compatible with iOS 3.1 and above

**Version 2.0** Posted May 10, 2011

- \* Data Backup using iTunes File Sharing
- \* GPS Tracking for Trips
- \* Reports also available through iTunes File Sharing

**Information**

<b>Seller</b>	Jason Izatt
<b>Category</b>	Finance
<b>Updated</b>	Jan 8, 2016
<b>Version</b>	3.2
<b>Size</b>	9.7 MB
<b>Rating</b>	Rated 4+
<b>Family Sharing</b>	Yes
<b>Compatibility</b>	Requires iOS 7.1 or later. Compatible with iPhone, iPad, and iPod touch.
<b>Languages</b>	English, Spanish, Swedish

**Customers Also Bought**



Speedy Log -  
Mileage Log &...  
Finance

Get   
In-App Purchases

MileIQ - Mile  
Tracker &...  
Finance

Get   
In-App Purchases

Gas Cubby FREE -  
Fuel Economy ...  
Finance

Get   
In-App Purchases

Road Trip Lite •  
MPG and Milea...  
Finance

Get   
In-App Purchases

XpenseTracker -  
Expense Tracker...  
Finance

\$4.99   
In-App Purchases

MileTracker -  
Mileage Tracker...  
Finance

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In-App Purchases

Apple Music  
90-Day Trial  
Beats 1

Explore  
Music  
Movies  
TV Shows  
App Store  
Books  
Podcasts  
Audiobooks  
iTunes U

Features  
Browse  
Purchased  
iTunes Match

Help  
Support  
iTunes Tutorials  
In-App Purchases  
System Status

Manage  
Account  
Redeem  
My Wish List  
Change Country



15

Enterprise

# Enterprise Location Platform

## Sample IVR Privacy Management Script

April 16, 2010

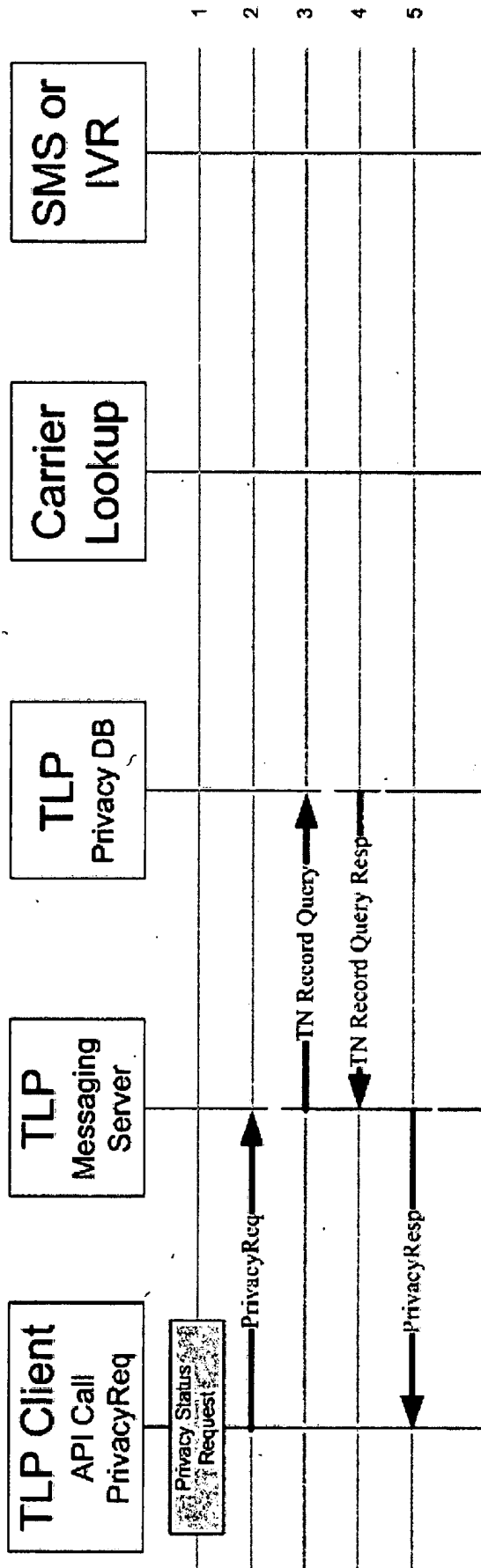
**TechnoCom**<sup>™</sup>  
Wireless Location Leaders\*

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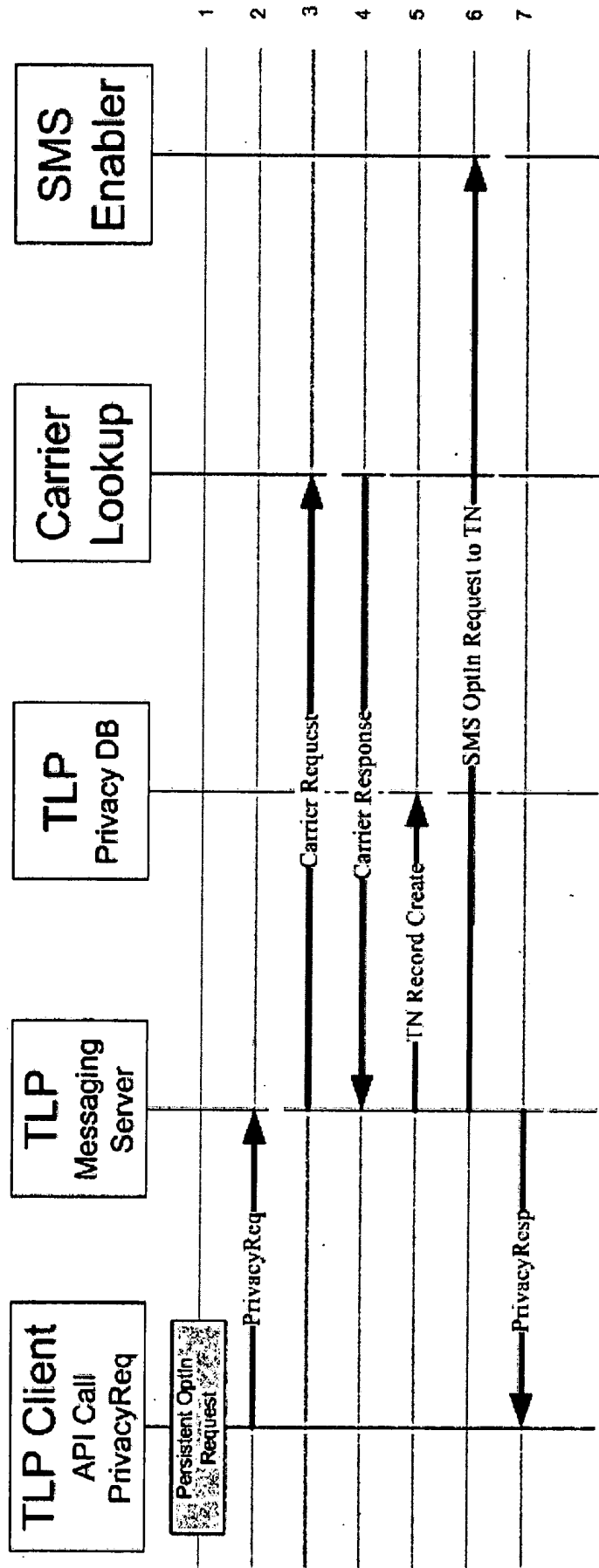
## Relevant API Data Flows

- Privacy status request & update
  - From/to IVR application server
- Privacy Opt-in request
  - From application based on IVR trigger (or other app interface)
- Privacy status notification (to mobile user)
  - MT SMS or IVR call-out to mobile
  - Status changes and periodic reminders
- Privacy Opt-out request
  - From application based on IVR trigger (or other app interface)

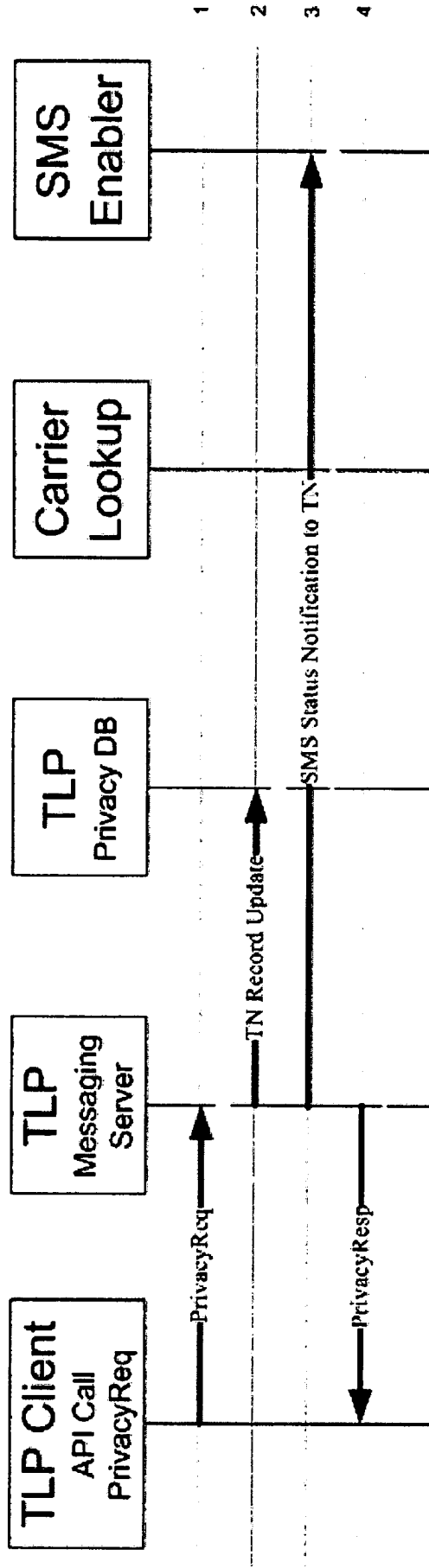
# API Data Flow – Status Request



# API Data Flow – Opt-In Request

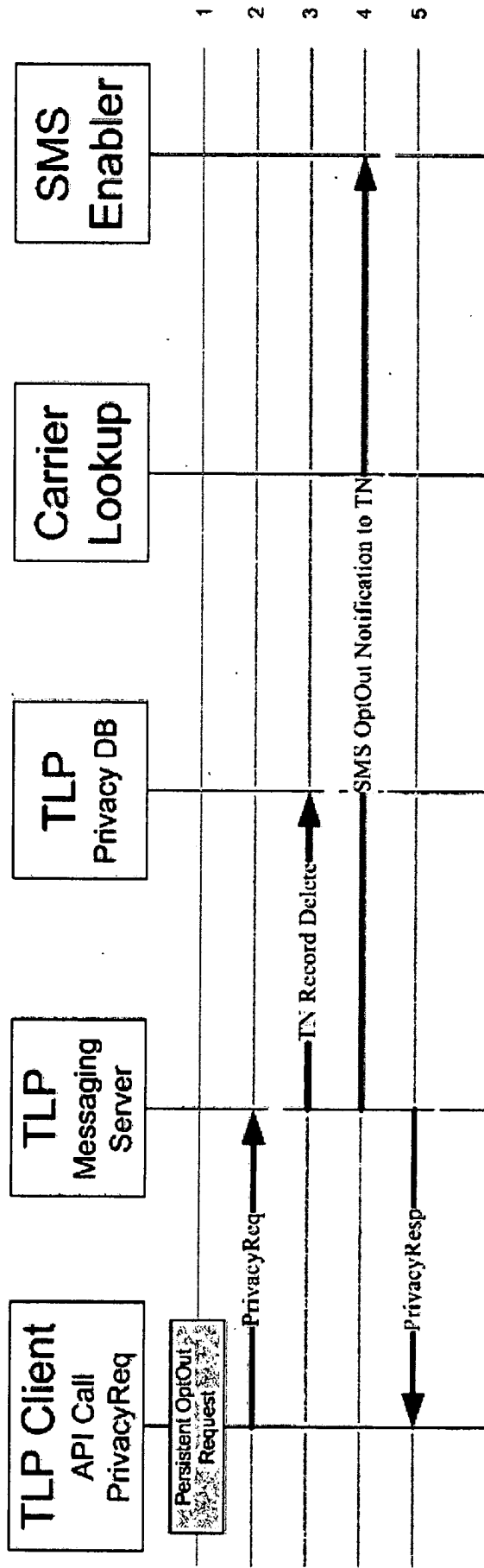


# API Data Flow – Status Notification





# API Data Flow – Opt-Out Request



# Sample Call Center / IVR Use Cases

- Landline Caller
- Mobile Caller w/o Location Capability  
Typically for subs of those carriers not supported
- Mobile Caller w/ Location Capability  
Persistent Opt-in  
On-Demand Consent  
Use of IVR for Privacy Management

## Sample IVR Use Case - Landline

- IVR gets caller location based on Caller ID at start of call or upon selection of a location service option  
***“Thank you for calling... I see you are located at 123 Main St, Middletown, 98765”***
- Asks caller if a different location should be used  
***“Would you like to specify another location for your query?”***
- If Caller ID cannot resolve to street address, IVR prompts caller to enter/say their location

## Sample IVR Use Case – Non-locatable Caller

- For non-locatable mobile callers, IVR prompts user to enter/say their location  
***“Thank you for calling... Please specify the location for your query.”***
- Unlisted/non-published landline callers treated same as non-locatable mobile callers

# Sample IVR Use Case – “Locatable” Mobile

Multiple privacy states must be handled

- **Caller not opted-in**
  - On-demand consent sought by IVR and granted by caller
  - On-demand consent sought by IVR, but not granted
  - Offer option to opt-in to bypass on-demand query in future
- **Caller opt-in request in process**
  - Allows caller to enter authorization code to complete opt-in
- **Caller opt-in completed**
  - Caller located automatically each call
  - Caller experience similar to landline

## Sample IVR Use Case – On-demand Consent

- For locatable mobile callers without advance opt-in, IVR prompts user if their location may be used to enhance service  
***“Thank you for calling... I can try to access your location from your wireless carrier to give you better service during this call. Your privacy is important to us so your location will not be shared with anyone without your approval. Is that OK?”***
- If caller does not grant permission to locate, the IVR proceeds without obtaining location.

## Sample IVR Use Case – On-demand Consent

- If caller permits being located, IVR asks caller to wait  
**“Please wait while I try to access your location...”**
- Caller may be offered opportunity to opt-in for persistent consent for faster service in future  
**“If you want to make your consent to locate permanent, I can SMS you a code to use during your next call. Do you want to do that at this time?”**
- If caller wants to opt-in, an SMS message w/ authorization code and link to service provider web site/terms is sent
  - Caller may accept and enter code during next call
  - May accept by reply SMS, if two-way bind supported
  - May also be entered online if web sign-up applicable
  - Option to deliver code by outbound IVR call for non-SMS users

## IVR Use Case – Opt-in Requested

- If caller has requested persistent opt-in for location, IVR prompts caller to enter code during next call  
***“I see that you have been sent a location permission code. Would you like to enter the code now?”***
- If caller chooses to complete opt-in, IVR prompts caller to enter the code  
***“Please enter your four digit confirmation number.”***
- If caller enters correct code, IVR provides confirmation that opt-in has been completed
- If caller cannot, or chooses not to, complete opt-in, call is treated as any other on-demand call



## IVR Use Case – Opted-in Mobile

- IVR verifies if caller is opted-in and lets caller know that location is being attempted  
**“Thank you for calling... Please wait while I try to access your location...”**
- IVR may give caller option to enter another location, if current location is not to be used  
**“Would you like to specify another location for your query?”**
- Likewise, if mobile location not successful, IVR may prompt caller to enter/say their location
- Caller is given option to opt-out at end of call, by menu selection, or may follow other procedures given on service provider web site or notification SMSs.



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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT***(Use as many sheets as necessary)*

Sheet 1 of 7

**Complete if Known**

Application Number	14/987,707
Filing Date	January 4, 2016
First Named Inventor	Adelson
Art Unit	3646
Examiner Name	
Attorney Docket Number	MCROP0102USH

**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
		US- 2005/0251330	11/10/2005	Waterhouse	
		US- 2009/0017803	1/15/2009	Brillhart	
		US- 2009/0030770	1/29/2009	Hersh	
		US- 2009/0143079	6/4/2009	Klassen	
		US- 2010/0057593	3/4/2010	Moir	
		US- 2012/0265433	10/18/2012	Viola	
		US- 2013/0124430	5/16/2013	Moir	
		US- 5,208,756	5/4/1993	Song	
		US- 5,218,367	6/8/1993	Sheffer	
		US- 5,774,876	6/30/1998	Woolley	
		US- 5,794,174	8/11/1998	Janky	
		US- 5,880,958	3/9/1999	Helms	
		US- 6,141,609	10/31/2000	Herdeg	
		US- 6,202,024	3/13/2001	Yokoyama	
		US- 6,339,745	1/15/2002	Novik	
		US- 6,584,403	6/24/2003	Bunn	
		US- 6,611,686	8/26/2003	Smith	
		US- 6,611,755	8/26/2003	Coffee	
		US- 6,718,263	4/6/2004	Glass	

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
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<b>EFS ID:</b>	24924020
<b>Application Number:</b>	14987707
<b>International Application Number:</b>	
<b>Confirmation Number:</b>	7143
<b>Title of Invention:</b>	MACHINE OR GROUP OF MACHINES FOR MONITORING LOCATION OF A VEHICLE OR FREIGHT CARRIED BY A VEHICLE
<b>First Named Inventor/Applicant Name:</b>	Bennett H. Adelson
<b>Customer Number:</b>	130163
<b>Filer:</b>	Luis Antonio Carrion/Veronica Maichl
<b>Filer Authorized By:</b>	Luis Antonio Carrion
<b>Attorney Docket Number:</b>	MCROP0102USH
<b>Receipt Date:</b>	16-FEB-2016
<b>Filing Date:</b>	04-JAN-2016
<b>Time Stamp:</b>	15:40:26
<b>Application Type:</b>	Utility under 35 USC 111(a)

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## Electronic Acknowledgement Receipt

<b>EFS ID:</b>	24924557
<b>Application Number:</b>	14987707
<b>International Application Number:</b>	
<b>Confirmation Number:</b>	7143
<b>Title of Invention:</b>	MACHINE OR GROUP OF MACHINES FOR MONITORING LOCATION OF A VEHICLE OR FREIGHT CARRIED BY A VEHICLE
<b>First Named Inventor/Applicant Name:</b>	Bennett H. Adelson
<b>Customer Number:</b>	130163
<b>Filer:</b>	Luis Antonio Carrion/Veronica Maichl
<b>Filer Authorized By:</b>	Luis Antonio Carrion
<b>Attorney Docket Number:</b>	MCROP0102USH
<b>Receipt Date:</b>	16-FEB-2016
<b>Filing Date:</b>	04-JAN-2016
<b>Time Stamp:</b>	15:56:44
<b>Application Type:</b>	Utility under 35 USC 111(a)

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<b>Warnings:</b>					
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<b>Total Files Size (in bytes):</b>				67779128	

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**New Applications Under 35 U.S.C. 111**

**If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.**

**National Stage of an International Application under 35 U.S.C. 371**

**If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.**

**New International Application Filed with the USPTO as a Receiving Office**

**If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.**

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO  <h2 style="text-align: center; margin: 0;">INFORMATION DISCLOSURE STATEMENT BY APPLICANT</h2> <p style="text-align: center; margin: 0;"><i>(Use as many sheets as necessary)</i></p>	<b>Complete if Known</b>												
Sheet <b>2</b> of <b>7</b>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%;">Application Number</td> <td>14/987,707</td> </tr> <tr> <td>Filing Date</td> <td>January 4, 2016</td> </tr> <tr> <td>First Named Inventor</td> <td>Adelson</td> </tr> <tr> <td>Art Unit</td> <td>3646</td> </tr> <tr> <td>Examiner Name</td> <td></td> </tr> <tr> <td>Attorney Docket Number</td> <td>MCROP0102USH</td> </tr> </table>	Application Number	14/987,707	Filing Date	January 4, 2016	First Named Inventor	Adelson	Art Unit	3646	Examiner Name		Attorney Docket Number	MCROP0102USH
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Attorney Docket Number	MCROP0102USH												

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
		US- 6,892,131	5/10/2005	Coffee	
		US- 7,246,009	7/17/2007	Hamblen	
		US- 7,385,499	6/10/2008	Horton	
		US- 8,301,158	10/30/2012	Thomas	
		US- 8,369,867	2/5/2013	Van Os	
		US- 8,649,775	2/11/2014	Alessio	
		US- 8,718,672	5/6/2014	Xie	
		US- 8,755,823	6/17/2014	Proietti	
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FOREIGN PATENT DOCUMENTS						
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		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				

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		Application Number	14/987,707
		Filing Date	January 4, 2016
		First Named Inventor	Adelson
		Art Unit	3646
		Examiner Name	
Sheet	6	of	7
		Attorney Docket Number	MCROP0102USH

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		New Echo Global Logistics Mobile App Puts Supply Chain Visibility at Your Fingertips; July 20, 2011.	
		FollowMee GPS Tracker - How To; undated.	
		MilesBug 2.1 - GPS Full Path Tracking with Map Display; June 11, 2011.	
		MoosTrax - iTunes Preview; August 17, 2010.	
		Android Location Providers - gps, network, passive - Tutorial; NAZMUL; October 20, 2010.	
		A Guide to Making Your Android's Battery Last a Little Longer; LARS ARONSSON; August 11, 2010.	
		uFollowit Announces Compatibility with MicroSoft Mobile 6 Smartphone Software; July 26, 2008.	
		Mycartracks - Track your vehicle smarter; undated.	
		TechnoCom Collaborates with Abaq.us to Enable Location Enhanced Mobile Device & Resource Management Services; March 15, 2011.	
		Keeping the Miles; JEFF TAYLOR; November 16, 2011.	

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		Filing Date	January 4, 2016
		First Named Inventor	Adelson
		Art Unit	3646
		Examiner Name	
Sheet 4	of 7	Attorney Docket Number	MCROP0102USH

<b>NON PATENT LITERATURE DOCUMENTS</b>			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		MacroPoint, LLC. v. FourKites, Inc., 1:15-cv-1002 (N.D. Ohio), FourKites' Initial Invalidity and Unenforceability Contentions; MARK DEMING; October 19, 2015.	
		MacroPoint, LLC. v. Salebug.com, LLC, 1:14-cv-00312-JG (N.D. Ohio), Salebug.com's Preliminary Invalidity and Unenforceability Contentions; MARK VARBONCOUER; October 31, 2014.	
		Tracking to Keep Trucking; STEPHEN HURCOM; June 27, 2003.	
		Location-enhanced Call Center and IVR Services: Technical Insights About Your Calling Customer's Location; 2009.	
		A Mobile Industry: Cell Phones Useful to Stay Connected with Drivers; DIANA BRITTON; October 2009.	
		Providing Universal Location Services Using a Wireless E911 Location Network; JAMES M. ZAGAMI, ET AL.; April 1998.	
		Enterprise Location Platform – Sample IVR Privacy Management Script; April 16, 2010.	
		Cross Country Automotive Services Introduces Automatic Location Spotting; September 13, 2010.	
		Products and Services - LoadMaster; undated.	
		CTIA Best Practices and Guidelines for Location-Based Services, Version 2.0; March 23, 2010.	

Examiner Signature	Date Considered
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		Privacy Management Demo Script; undated.	
		AT&T Offers New Tracking Platform; AARON HUFF; January, 4, 2011.	
		Fleet Owner - Pay-as-you-go-tracking; BRIAN STRAIGHT; January 6, 2011.	
		FollowMee GPS Tracker Frequently Asked Questions; undated.	
		TechnoCom Announces Its Ability to Locate Over 360 Million Mobile and Landline Phones Nationwide; March 16, 2011.	
		IVR Gives Callers Option to Receive Mobile Marketing Content; RAJU SHANBHAG; June 14, 2011.	
		Mobile Business App: Free uShip App on Android iPhone, WebOS Smartphones Give Truckers 'Push' on the Road; September 22, 2010.	
		How to find the location with GSM cells; BORIS LANDONI; September 18, 2011.	
		Abaq.us meets USPS certification for myGeoTracking; January 17, 2012.	
		Abaq.us Announces USPS Certification for myGeoTracking Cloud-Based GPS Location Service; January 17, 2012.	

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Ruiz Food Products, Inc.

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<b>EFS ID:</b>	24925055
<b>Application Number:</b>	14987707
<b>International Application Number:</b>	
<b>Confirmation Number:</b>	7143
<b>Title of Invention:</b>	MACHINE OR GROUP OF MACHINES FOR MONITORING LOCATION OF A VEHICLE OR FREIGHT CARRIED BY A VEHICLE
<b>First Named Inventor/Applicant Name:</b>	Bennett H. Adelson
<b>Customer Number:</b>	130163
<b>Filer:</b>	Luis Antonio Carrion/Veronica Maichl
<b>Filer Authorized By:</b>	Luis Antonio Carrion
<b>Attorney Docket Number:</b>	MCROP0102USH
<b>Receipt Date:</b>	16-FEB-2016
<b>Filing Date:</b>	04-JAN-2016
<b>Time Stamp:</b>	16:12:13
<b>Application Type:</b>	Utility under 35 USC 111(a)

### Payment information:

Submitted with Payment	no
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### File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Non Patent Literature	29-FOURKITES-00005382.PDF	2737210 <small>cfa98bcd7daaf2a4eab7e8fdeaf6528e8d2668a55</small>	no	2

### Warnings:

### Information:

Ruiz Food Products, Inc.

2	Non Patent Literature	30-FOURKITES-00005384.PDF	11548025 3594fc494d4370370f23dc664e2a3868132a84bd	no	7
<b>Warnings:</b>					
<b>Information:</b>					
3	Non Patent Literature	31-FOURKITES-00005416.PDF	9135079 ed04bddb6ff2b349c64df6282456dfdac6041c97	no	9
<b>Warnings:</b>					
<b>Information:</b>					
4	Non Patent Literature	32_FOURKITES_00005425.pdf	7812677 dca7d78992d99971c701f12e730b9f574314dff4	no	26
<b>Warnings:</b>					
<b>Information:</b>					
5	Non Patent Literature	33-FOURKITES-00005452.PDF	2254181 2b642d37a4a9ef9d00ac965032a15f9180952c15	no	2
<b>Warnings:</b>					
<b>Information:</b>					
6	Non Patent Literature	34_MacroPoint_Sur_reply_in_Opposition_to_Motion_to_Dismiss.pdf	139615 ae299f7c148637aa9ac8e01cd414998c842c0fe9	no	6
<b>Warnings:</b>					
<b>Information:</b>					
7	Non Patent Literature	35_MacroPoint_v_FourKites_Court_opinion.pdf	175866 43989fbc328a09cd0bbd86dc37d511847a342cea4	no	14
<b>Warnings:</b>					
<b>Information:</b>					
8	Non Patent Literature	36-MacroPoint_v_FourKites_FourKites_Preliminary_Invalidity_Unenforceability_Contentions.pdf	1372125 370b293f54abf42cc9cc7641fb1d89cf18f69050	no	352
<b>Warnings:</b>					
<b>Information:</b>					
9	Non Patent Literature	37_MacroPoints_Opposition_to_Motion_to_Dismiss.pdf	19511207 e135f5a196d230323b6f9f339dbbee5c162d86c5	no	298
<b>Warnings:</b>					
<b>Information:</b>					
10	Non Patent Literature	38-Salebugs_Initial_Invalidity_Contentions.pdf	10061808 0db2615f27a06832b62d819663ac26da3beb086f	no	277
<b>Warnings:</b>					

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**Information:**

**Total Files Size (in bytes):**

64747793

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**New Applications Under 35 U.S.C. 111**

**If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.**

**National Stage of an International Application under 35 U.S.C. 371**

**If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.**

**New International Application Filed with the USPTO as a Receiving Office**

**If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.**



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Substitute for form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)		<b>Complete if Known</b>	
		Application Number	14/987,707
		Filing Date	January 4, 2016
		First Named Inventor	Adelson
		Art Unit	3646
		Examiner Name	
Sheet 3	of 7	Attorney Docket Number	MCROP0102USH

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		MacroPoint, LLC. v. FourKites, Inc., 1:15-cv-1002 (N.D. Ohio), FourKites' Motion to Dismiss and Memorandum in Support with Exs. C, E, F, and G; July 31, 2015.	
		MacroPoint, LLC. v. FourKites, Inc., 1:15-cv-1002 (N.D. Ohio), MacroPoint's Opposition Memorandum to Motion to Dismiss Exs. 1-8; September 15 2015.	
		MacroPoint, LLC. v. FourKites, Inc., 1:15-cv-1002 (N.D. Ohio), FourKites' Reply Memorandum in support of its Motion to Dismiss with Exs. A-N; September 29, 2015.	
		MacroPoint, LLC. v. FourKites, Inc., 1:15-cv-1002 (N.D. Ohio), MacroPoint's Sur-Reply in Opposition to Motion to Dismiss; October 12, 2015.	
		MacroPoint, LLC. v. FourKites, Inc., 1:15-cv-1002 (N.D. Ohio), FourKites' Response to MacroPoints Sur-Reply in Opposition to Motion to Dismiss; October 13, 2015.	
		MacroPoint, LLC. v. FourKites, Inc., 1:15-cv-1002 (N.D. Ohio), Memorandum of Opinion and Order for Motion to Dismiss; November 6, 2015.	

Examiner Signature	Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.  
 1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.  
 This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

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The **Privacy Act of 1974 (P.L. 93-579)** requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether disclosure of these records is required by the Freedom of Information Act.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (*i.e.*, GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspection or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

PLUS Search Results for S/N 14987707, Searched Wed Feb 24 09:23:00 EST 2016

The Patent Linguistics Utility System (PLUS) is a USPTO automated search system for U.S. Patents from 1971 to the present PLUS is a query-by-example search system which produces a list of patents that are most closely related linguistically to the application searched. This search was prepared by the staff of the Scientific and Technical Information Center, SIRA.

6098048 99	5955973 85
5231253 90	
4621856 87	
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Table with 5 columns: APPLICATION NO., FILING DATE, FIRST NAMED INVENTOR, ATTORNEY DOCKET NO., CONFIRMATION NO.
Row 1: 14/987,707, 01/04/2016, Bennett H. Adelson, MCROP0102USH, 7143
Row 2: 130163, 7590, 03/04/2016, LUIS A. CARRION, RENNER, OTTO, BOISSELLE & SKLAR, LLP, 1621 EUCLID AVENUE, 19TH FLOOR, CLEVELAND, OH 44115, EXAMINER RUSHING, MARK S, ART UNIT 2682, PAPER NUMBER, NOTIFICATION DATE 03/04/2016, DELIVERY MODE ELECTRONIC

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

ipdocket@rennerotto.com
LCARRION@RENNEROTTO.COM

<b>Office Action Summary</b>	<b>Application No.</b> 14/987,707	<b>Applicant(s)</b> ADELSON, BENNETT H.	
	<b>Examiner</b> MARK RUSHING	<b>Art Unit</b> 2682	<b>AIA (First Inventor to File) Status</b> No

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --**

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTHS FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1)  Responsive to communication(s) filed on 1/4/16.  
 A declaration(s)/affidavit(s) under **37 CFR 1.130(b)** was/were filed on \_\_\_\_\_.
- 2a)  This action is **FINAL**.                              2b)  This action is non-final.
- 3)  An election was made by the applicant in response to a restriction requirement set forth during the interview on \_\_\_\_\_; the restriction requirement and election have been incorporated into this action.
- 4)  Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims\***

- 5)  Claim(s) 1-30 is/are pending in the application.  
5a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 6)  Claim(s) \_\_\_\_\_ is/are allowed.
- 7)  Claim(s) 1-30 is/are rejected.
- 8)  Claim(s) \_\_\_\_\_ is/are objected to.
- 9)  Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

\* If any claims have been determined allowable, you may be eligible to benefit from the **Patent Prosecution Highway** program at a participating intellectual property office for the corresponding application. For more information, please see [http://www.uspto.gov/patents/init\\_events/pph/index.jsp](http://www.uspto.gov/patents/init_events/pph/index.jsp) or send an inquiry to [PPHfeedback@uspto.gov](mailto:PPHfeedback@uspto.gov).

**Application Papers**

- 10)  The specification is objected to by the Examiner.
- 11)  The drawing(s) filed on 1/4/16 is/are: a)  accepted or b)  objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

**Priority under 35 U.S.C. § 119**

- 12)  Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

**Certified copies:**

- a)  All    b)  Some\*\*    c)  None of the:
  - 1.  Certified copies of the priority documents have been received.
  - 2.  Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  - 3.  Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\*\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- 1)  Notice of References Cited (PTO-892)
- 2)  Information Disclosure Statement(s) (PTO/SB/08a and/or PTO/SB/08b)  
Paper No(s)/Mail Date \_\_\_\_\_
- 3)  Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_\_
- 4)  Other: \_\_\_\_\_

Art Unit: 2682

The present application is being examined under the pre-AIA first to invent provisions.

### **DETAILED ACTION**

1. This is in response to application filed on 3/18/15, in which Claims 1-20 are presented for examination of which Claims 1, 9 and 15 are in independent form.

#### ***Claim Objections***

2. Claims 29 and 30 are objected to because of the following informalities: Claims 29 and 30 recite “The system of Claim 23...” please change to read “The machine or group of machines of claim 23...” to avoid antecedent basis issues.

#### ***Double Patenting***

3. The nonstatutory double patenting rejection is based on a judicially created doctrine grounded in public policy (a policy reflected in the statute) so as to prevent the unjustified or improper timewise extension of the “right to exclude” granted by a patent and to prevent possible harassment by multiple assignees. A nonstatutory obviousness-type double patenting rejection is appropriate where the conflicting claims are not identical, but at least one examined application claim is not patentably distinct from the reference claim(s) because the examined application claim is either anticipated by, or would have been obvious over, the reference claim(s). See, e.g., *In re Berg*, 140 F.3d 1428, 46 USPQ2d 1226 (Fed. Cir. 1998); *In re Goodman*, 11 F.3d 1046, 29 USPQ2d 2010 (Fed. Cir. 1993); *In re Longi*, 759 F.2d 887, 225 USPQ 645 (Fed. Cir. 1985); *In re Van Ornum*, 686 F.2d 937, 214 USPQ 761 (CCPA 1982); *In re Vogel*, 422 F.2d 438, 164 USPQ 619 (CCPA 1970); and *In re Thorington*, 418 F.2d 528, 163 USPQ 644 (CCPA 1969).

A timely filed terminal disclaimer in compliance with 37 CFR 1.321(c) or 1.321(d) may be used to overcome an actual or provisional rejection based on a nonstatutory double patenting

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ground provided the conflicting application or patent either is shown to be commonly owned with this application, or claims an invention made as a result of activities undertaken within the scope of a joint research agreement.

Effective January 1, 1994, a registered attorney or agent of record may sign a terminal disclaimer. A terminal disclaimer signed by the assignee must fully comply with 37 CFR 3.73(b).

4. Claims 1-30 are generally broader than the claims in previous Patents US 8,604,943, 8,330,626, 8,275,358, 9,070,295, 9,082,097, 9,082,098 and 9,087,313. Broader claims in a later application constitute obvious double patenting of narrow claims in an issued patent. See *In re Van Ornum and Stang*, 214, USPQ 761, 766, and 767 (CCPA) (the court sustained an obvious double patenting rejection of generic claims in a continuation application over narrower species claims in an issued patent); *In re Vogel*, 164 USPQ 619, 622, and 623 (CCPA 1970) (generic application claim specifying "meat" is obvious double patenting of narrow patent claim specifying "pork").

#### ***Allowable Subject Matter***

5. Claims 1-30 would allowable if terminal disclaimers are filed.

#### ***Conclusion***

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Mark Rushing whose telephone number is 571-270-5876. The examiner can normally be reached on Monday-Friday 8:30AM to 5:00PM EST (Alt Friday).

Art Unit: 2682

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, George Bugg can be reached on 571-272-2998. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/MARK RUSHING/

Primary Examiner, Art Unit 2682





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BIB DATA SHEET

CONFIRMATION NO. 7143

<b>SERIAL NUMBER</b> 14/987,707	<b>FILING or 371(c) DATE</b> 01/04/2016 <b>RULE</b>	<b>CLASS</b> 342	<b>GROUP ART UNIT</b> 2682	<b>ATTORNEY DOCKET NO.</b> MCROP0102USH	
<b>APPLICANTS</b> MacroPoint LLC, Cleveland, OH; <b>INVENTORS</b> Bennett H. Adelson, Highland Heights, OH; <b>** CONTINUING DATA *****</b> This application is a CON of 14/752,005 06/26/2015 ABN which is a CON of 14/661,774 03/18/2015 PAT 9087313 which is a CON of 14/069,364 10/31/2013 PAT 9070295 which is a CON of 13/613,321 09/13/2012 PAT 8604943 which is a CON of 13/429,618 03/26/2012 PAT 8330626 <b>** FOREIGN APPLICATIONS *****</b> <b>** IF REQUIRED, FOREIGN FILING LICENSE GRANTED ** ** SMALL ENTITY **</b> 01/19/2016					
Foreign Priority claimed <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No 35 USC 119(a-d) conditions met <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Verified and Acknowledged <u>/MARK S RUSHING/</u> Examiner's Signature	<input type="checkbox"/> Met after Allowance Initials	<b>STATE OR COUNTRY</b> OH	<b>SHEETS DRAWINGS</b> 10	<b>TOTAL CLAIMS</b> 30	<b>INDEPENDENT CLAIMS</b> 4
<b>ADDRESS</b> LUIS A. CARRION RENNER, OTTO, BOISSELLE & SKLAR, LLP 1621 EUCLID AVENUE 19TH FLOOR CLEVELAND, OH 44115 UNITED STATES					
<b>TITLE</b> MACHINE OR GROUP OF MACHINES FOR MONITORING LOCATION OF A VEHICLE OR FREIGHT CARRIED BY A VEHICLE					
<b>FILING FEE RECEIVED</b> 1340	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:		<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees (Filing) <input type="checkbox"/> 1.17 Fees (Processing Ext. of time) <input type="checkbox"/> 1.18 Fees (Issue) <input type="checkbox"/> Other _____ <input type="checkbox"/> Credit		

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		Application Number	14/987,707
		Filing Date	January 4, 2016
		First Named Inventor	Adelson
		Art Unit	3646
		Examiner Name	
Sheet 3	of 7	Attorney Docket Number	MCROP0102USH

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		MacroPoint, LLC. v. FourKites, Inc., 1:15-cv-1002 (N.D. Ohio), FourKites' Motion to Dismiss and Memorandum in Support with Exs. C, E, F, and G; July 31, 2015.	
		MacroPoint, LLC. v. FourKites, Inc., 1:15-cv-1002 (N.D. Ohio), MacroPoint's Opposition Memorandum to Motion to Dismiss Exs. 1-8; September 15 2015.	
		MacroPoint, LLC. v. FourKites, Inc., 1:15-cv-1002 (N.D. Ohio), FourKites' Reply Memorandum in support of its Motion to Dismiss with Exs. A-N; September 29, 2015.	
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		MacroPoint, LLC. v. FourKites, Inc., 1:15-cv-1002 (N.D. Ohio), FourKites' Response to MacroPoints Sur-Reply in Opposition to Motion to Dismiss; October 13, 2015.	
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Examiner Signature	/Mark Rushing/	Date Considered	03/01/2016
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Sheet 1 of 7													

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
		US- 2005/0251330	11/10/2005	Waterhouse	
		US- 2009/0017803	1/15/2009	Brillhart	
		US- 2009/0030770	1/29/2009	Hersh	
		US- 2009/0143079	6/4/2009	Klassen	
		US- 2010/0057593	3/4/2010	Moir	
		US- 2012/0265433	10/18/2012	Viola	
		US- 2013/0124430	5/16/2013	Moir	
		US- 5,208,756	5/4/1993	Song	
		US- 5,218,367	6/8/1993	Sheffer	
		US- 5,774,876	6/30/1998	Woolley	
		US- 5,794,174	8/11/1998	Janky	
		US- 5,880,958	3/9/1999	Helms	
		US- 6,141,609	10/31/2000	Herdeg	
		US- 6,202,024	3/13/2001	Yokoyama	
		US- 6,339,745	1/15/2002	Novik	
		US- 6,584,403	6/24/2003	Bunn	
		US- 6,611,686	8/26/2003	Smith	
		US- 6,611,755	8/26/2003	Coffee	
		US- 6,718,263	4/6/2004	Glass	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				

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		Application Number	14/987,707
		Filing Date	January 4, 2016
		First Named Inventor	Adelson
		Art Unit	3646
		Examiner Name	
Sheet 7	of 7	Attorney Docket Number	MCROP0102USH

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		Load Tracking, Proof of Delivery & Document Management Services - uFollowit; 2007-2010.	
		uShip - Mobile Apps; undated.	

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		Number-Kind Code <sup>2</sup> (if known)			
		US- 6,892,131	5/10/2005	Coffee	
		US- 7,246,009	7/17/2007	Hamblen	
		US- 7,385,499	6/10/2008	Horton	
		US- 8,301,158	10/30/2012	Thomas	
		US- 8,369,867	2/5/2013	Van Os	
		US- 8,649,775	2/11/2014	Alessio	
		US- 8,718,672	5/6/2014	Xie	
		US- 8,755,823	6/17/2014	Proietti	
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		Examiner Name	
Sheet 6	of 7	Attorney Docket Number	MCROP0102USH

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		New Echo Global Logistics Mobile App Puts Supply Chain Visibility at Your Fingertips; July 20, 2011.	
		FollowMee GPS Tracker - How To; undated.	
		MilesBug 2.1 - GPS Full Path Tracking with Map Display; June 11, 2011.	
		MoosTrax - iTunes Preview; August 17, 2010.	
		Android Location Providers - gps, network, passive - Tutorial; NAZMUL; October 20, 2010.	
		A Guide to Making Your Android's Battery Last a Little Longer; LARS ARONSSON; August 11, 2010.	
		uFollowit Announces Compatibility with MicroSoft Mobile 6 Smartphone Software; July 26, 2008.	
		Mycartracks - Track your vehicle smarter; undated.	
		TechnoCom Collaborates with Abaq.us to Enable Location Enhanced Mobile Device & Resource Management Services; March 15, 2011.	
		Keeping the Miles; JEFF TAYLOR; November 16, 2011.	

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		MacroPoint, LLC. v. FourKites, Inc., 1:15-cv-1002 (N.D. Ohio), FourKites' Initial Invalidity and Unenforceability Contentions; MARK DEMING; October 19, 2015.	
		MacroPoint, LLC. v. Salebug.com, LLC, 1:14-cv-00312-JG (N.D. Ohio), Salebug.com's Preliminary Invalidity and Unenforceability Contentions; MARK VARBONCOUER; October 31, 2014.	
		Tracking to Keep Trucking; STEPHEN HURCOM; June 27, 2003.	
		Location-enhanced Call Center and IVR Services: Technical Insights About Your Calling Customer's Location; 2009.	
		A Mobile Industry: Cell Phones Useful to Stay Connected with Drivers; DIANA BRITTON; October 2009.	
		Providing Universal Location Services Using a Wireless E911 Location Network; JAMES M. ZAGAMI, ET AL.; April 1998.	
		Enterprise Location Platform – Sample IVR Privacy Management Script; April 16, 2010.	
		Cross Country Automotive Services Introduces Automatic Location Spotting; September 13, 2010.	
		Products and Services - LoadMaster; undated.	
		CTIA Best Practices and Guidelines for Location-Based Services, Version 2.0; March 23, 2010.	

Examiner Signature	/Mark Rushing/	Date Considered	03/01/2016
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		Privacy Management Demo Script; undated.	
		AT&T Offers New Tracking Platform; AARON HUFF; January, 4, 2011.	
		Fleet Owner - Pay-as-you-go-tracking; BRIAN STRAIGHT; January 6, 2011.	
		FollowMee GPS Tracker Frequently Asked Questions; undated.	
		TechnoCom Announces Its Ability to Locate Over 360 Million Mobile and Landline Phones Nationwide; March 16, 2011.	
		IVR Gives Callers Option to Receive Mobile Marketing Content; RAJU SHANBHAG; June 14, 2011.	
		Mobile Business App: Free uShip App on Android iPhone, WebOS Smartphones Give Truckers 'Push' on the Road; September 22, 2010.	
		How to find the location with GSM cells; BORIS LANDONI; September 18, 2011.	
		Abaq.us meets USPS certification for myGeoTracking; January 17, 2012.	
		Abaq.us Announces USPS Certification for myGeoTracking Cloud-Based GPS Location Service; January 17, 2012.	


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<b>Search Notes</b>  	<b>Application/Control No.</b>  14987707	<b>Applicant(s)/Patent Under Reexamination</b>  ADELSON, BENNETT H.
	<b>Examiner</b>  MARK RUSHING	<b>Art Unit</b>  2682

CPC- SEARCHED		
Symbol	Date	Examiner
G06Q10/0833 OR G08G1/20 OR G08G1/205	3/1/2016	MR

CPC COMBINATION SETS - SEARCHED		
Symbol	Date	Examiner

US CLASSIFICATION SEARCHED			
Class	Subclass	Date	Examiner
340	995.1\$,988-994	3/1/2016	MR
348	116	3/1/2016	MR

SEARCH NOTES		
Search Notes	Date	Examiner
Inventor's Search	3/1/2016	MR

INTERFERENCE SEARCH			
US Class/ CPC Symbol	US Subclass / CPC Group	Date	Examiner

	/ MARK RUSHING/ Primary Examiner, Art Unit 2682
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<b>Index of Claims</b>  	<b>Application/Control No.</b>  14987707	<b>Applicant(s)/Patent Under Reexamination</b>  ADELSON, BENNETT H.
	<b>Examiner</b>  MARK RUSHING	<b>Art Unit</b>  2682

✓	<b>Rejected</b>
=	<b>Allowed</b>

-	<b>Cancelled</b>
÷	<b>Restricted</b>

N	<b>Non-Elected</b>
I	<b>Interference</b>

A	<b>Appeal</b>
O	<b>Objected</b>

Claims renumbered in the same order as presented by applicant
  CPA
  T.D.
  R.1.47

CLAIM		DATE							
Final	Original	02/17/2016							
	1	✓							
	2	✓							
	3	✓							
	4	✓							
	5	✓							
	6	✓							
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## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
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L3	48	("20060187027"   "20080132252"   "20090017803"   "20090030770"   "20090143079"   "20100228404"   "20110001638"   "20110063138"   "20120265433"   "5774876"   "5794174"   "6442391"   "7366522"   "8301158"   "8369867"   "8649775"   "8718672"   "8755823").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2016/03/01 19:52
L4	16	2 not 3	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2016/03/01 19:52
L5	64	2 or 3	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2016/03/01 19:53
L8	5	5 and request with provider	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	OFF	2016/03/01 19:55
L9	0	8 and consent\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2016/03/01 19:55
L10	14	(US-20100228404-\$ or US-20110063138-\$	US-	ADJ	ON	2016/03/01

		or US-20110071701-\$ or US-20110001638-\$ or US-20060187027-\$ or US-20140058585-\$ or US-20080132252-\$).did. or (US-5774825-\$ or US-5794174-\$ or US-8330626-\$ or US-8275358-\$ or US-5892441-\$ or US-5774876-\$ or US-8604943-\$).did.	PGPUB; USPAT			19:57
L11	7	10 not 2	US- PGPUB; USPAT	ADJ	ON	2016/03/01 19:57
L21	6496	340/988-994.ccls.	US- PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	OFF	2016/03/01 20:03
L22	4223	340/995.1\$.ccls.	US- PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	OFF	2016/03/01 20:03
L23	14823	701/1,2,32.3,454,467,482,485.ccls.	US- PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	OFF	2016/03/01 20:03
L24	394	348/116.ccls.	US- PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	OFF	2016/03/01 20:03
L25	23843	L21 or L22 or L23 or L24	US- PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	OFF	2016/03/01 20:03
L26	3965	(( G06Q10/0833 OR G08G1/20 OR G08G1/205).CPC. )	US- PGPUB; USPAT	ADJ	OFF	2016/03/01 20:03
L27	19748	L25 or L26	US- PGPUB; USPAT	ADJ	OFF	2016/03/01 20:03
L28	1742	L27 and vehicle with locat\$3 with monitor\$3	US- PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	OFF	2016/03/01 20:03
L29	84	L28 and request with provider	US- PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	OFF	2016/03/01 20:03
L30	82	L29 and gps	US- PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	OFF	2016/03/01 20:03
L31	8	L30 and consent\$3 with (information or location or position)	US- PGPUB; USPAT; EPO; JPO;	ADJ	OFF	2016/03/01 20:03

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3/ 1/ 2016 8:08:02 PM

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Form PTO-1449 (Modified)  <b>LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT</b>  (Use several sheets if necessary)	Atty Docket No.: <b>MCROP0102USH</b>	Serial No.: Not Yet Assigned
	Applicant: Bennett H. Adelson	
	Filing Date: Herewith	Group: Unknown

U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date (MM/YYYY)	Name	Class	Sub-class	Filing Date if Appropriate
	6,442,391	08/2002	Johansson et al.			
	5,794,174	08/1998	Janky et al.			
	5,774,876	06/1998	Woolley et al.			
	2008/0132252	06/2008	Altman et al.			
	2011/0001638	01/2011	Pudar			
	2011/0063138	03/2011	Berkobin et al.			
	2010/0228404	09/2010	Link et al.			
	2006/0187027	08/2006	Smith			
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FOREIGN PATENT DOCUMENTS

Examiner Initial	Document Number	Date (MM/YYYY)	Country	Class	Sub-class	Translation	
						Yes	No

OTHER ART

Examiner Initial	Author, Title, Source, Date, Pertinent Pages, etc.
	Non-final Office Action of corresponding U.S. Patent Application No. 13/409,281, dated 2012-05-15
	Notice of Allowance of corresponding U.S. Patent Application No. 13/409,281, dated 2012-06-28
	Non-final Office Action of corresponding U.S. Patent Application No. 13/613,321, dated 2013-01-31
	Final Office Action of corresponding U.S. Patent Application No. 13/613,321, dated 2013-07-01
	Notice of Allowance of corresponding U.S. Patent Application No. 13/613,321, dated 2013-10-04
	Non-final Office Action of corresponding U.S. Patent Application No. 14/069,364, dated 2015-02-12
	Notice of Allowance of corresponding U.S. Patent Application No. 13/429,618, dated 2012-03-26
	Notice of Allowance of corresponding U.S. Patent Application No. 14/661,774, dated 2015-05-27
	HURCOM, STEPHEN; "Tracking to Keep Trucking", <a href="http://www.mapinfo.com">www.mapinfo.com</a> ; June 27, 2003
	BRITTON, DIANA; "A Mobile Industry: Cell Phones Useful to Stay Connected With Drivers", <a href="http://www.truckinginfo.com">www.truckinginfo.com</a> ; October 2009
	Non-final Office Action of corresponding U.S. Patent Application No. 14/752,0051, dated 2015-12-03

EXAMINER	/Mark Rushing/	DATE CONSIDERED	03/01/2016
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

**Information Disclosure Statement PTO-1449 (Modified)**

The identification of any reference is not intended to be, and should not be understood as being, an admission that such publication, in fact, constitutes "prior art" within the meaning of applicable law since, for example, a given reference may have a later effective date than first seems apparent or the reference may have an effective date which can be antedated. The "prior art" status of any reference is a matter to be resolved during prosecution.

<b>Doc Code: DIST.E.FILE</b> <b>Document Description: Electronic Terminal Disclaimer - Filed</b>	PTO/SB/26 U.S. Patent and Trademark Office Department of Commerce
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Electronic Petition Request	<b>TERMINAL DISCLAIMER TO OBIATE A DOUBLE PATENTING REJECTION OVER A "PRIOR" PATENT</b>
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Application Number	14987707
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Filing Date	04-Jan-2016
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First Named Inventor	Bennett Adelson
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Attorney Docket Number	MCROP0102USH
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Title of Invention	MACHINE OR GROUP OF MACHINES FOR MONITORING LOCATION OF A VEHICLE OR FREIGHT CARRIED BY A VEHICLE
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- Filing of terminal disclaimer does not obviate requirement for response under 37 CFR 1.111 to outstanding Office Action
- This electronic Terminal Disclaimer is not being used for a Joint Research Agreement.

Owner	Percent Interest
MACROPOINT, LLC	100%

The owner(s) with percent interest listed above in the instant application hereby disclaims, except as provided below, the terminal part of the statutory term of any patent granted on the instant application which would extend beyond the expiration date of the full statutory term of prior patent number(s)

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8275358  
9070295  
9082097  
9082098  
9087313



as the term of said prior patent is presently shortened by any terminal disclaimer. The owner hereby agrees that any patent so granted on the instant application shall be enforceable only for and during such period that it and the prior patent are commonly owned. This agreement runs with any patent granted on the instant application and is binding upon the grantee, its successors or assigns.

In making the above disclaimer, the owner does not disclaim the terminal part of the term of any patent granted on the instant application that would extend to the expiration date of the full statutory term of the prior patent, "as the term of said prior patent is presently shortened by any terminal disclaimer," in the event that said prior patent later:

- expires for failure to pay a maintenance fee;
- is held unenforceable;
- is found invalid by a court of competent jurisdiction;
- is statutorily disclaimed in whole or terminally disclaimed under 37 CFR 1.321;
- has all claims canceled by a reexamination certificate;
- is reissued; or
- is in any manner terminated prior to the expiration of its full statutory term as presently shortened by any terminal disclaimer.

Terminal disclaimer fee under 37 CFR 1.20(d) is included with Electronic Terminal Disclaimer request.

I certify, in accordance with 37 CFR 1.4(d)(4), that the terminal disclaimer fee under 37 CFR 1.20(d) required for this terminal disclaimer has already been paid in the above-identified application.

Applicant claims the following fee status:

- Small Entity
- Micro Entity
- Regular Undiscounted

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

THIS PORTION MUST BE COMPLETED BY THE SIGNATORY OR SIGNATORIES

I certify, in accordance with 37 CFR 1.4(d)(4) that I am:

An attorney or agent registered to practice before the Patent and Trademark Office who is of record in this application

Registration Number 61255

A sole inventor

A joint inventor; I certify that I am authorized to sign this submission on behalf of all of the inventors as evidenced by the power of attorney in the application

A joint inventor; all of whom are signing this request

Signature	/Luis A. Carrion/
Name	Luis A. Carrion

\*Statement under 37 CFR 3.73(b) is required if terminal disclaimer is signed by the assignee (owner).  
Form PTO/SB/96 may be used for making this certification. See MPEP § 324.

## Electronic Patent Application Fee Transmittal

<b>Application Number:</b>	14987707			
<b>Filing Date:</b>	04-Jan-2016			
<b>Title of Invention:</b>	MACHINE OR GROUP OF MACHINES FOR MONITORING LOCATION OF A VEHICLE OR FREIGHT CARRIED BY A VEHICLE			
<b>First Named Inventor/Applicant Name:</b>	Bennett H. Adelson			
<b>Filer:</b>	Luis Antonio Carrion/Veronica Maichl			
<b>Attorney Docket Number:</b>	MCROP0102USH			
Filed as Small Entity				
<b>Filing Fees for Utility under 35 USC 111(a)</b>				
<b>Description</b>	<b>Fee Code</b>	<b>Quantity</b>	<b>Amount</b>	<b>Sub-Total in USD(\$)</b>
<b>Basic Filing:</b>				
Statutory or Terminal Disclaimer	2814	1	160	160
<b>Pages:</b>				
<b>Claims:</b>				
<b>Miscellaneous-Filing:</b>				
<b>Petition:</b>				
<b>Patent-Appeals-and-Interference:</b>				
<b>Post-Allowance-and-Post-Issuance:</b>				

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
<b>Extension-of-Time:</b>				
<b>Miscellaneous:</b>				
<b>Total in USD (\$)</b>				<b>160</b>

Doc Code: DISQ.E.FILE

Document Description: Electronic Terminal Disclaimer – Approved

Application No.: 14987707

Filing Date: 04-Jan-2016

Applicant/Patent under Reexamination: Adelson et al.

Electronic Terminal Disclaimer filed on March 7, 2016

APPROVED

**This patent is subject to a terminal disclaimer**

DISAPPROVED

Approved/Disapproved by: Electronic Terminal Disclaimer automatically approved by EFS-Web

U.S. Patent and Trademark Office

## Electronic Acknowledgement Receipt

<b>EFS ID:</b>	25121527
<b>Application Number:</b>	14987707
<b>International Application Number:</b>	
<b>Confirmation Number:</b>	7143
<b>Title of Invention:</b>	MACHINE OR GROUP OF MACHINES FOR MONITORING LOCATION OF A VEHICLE OR FREIGHT CARRIED BY A VEHICLE
<b>First Named Inventor/Applicant Name:</b>	Bennett H. Adelson
<b>Customer Number:</b>	130163
<b>Filer:</b>	Luis Antonio Carrion/Veronica Maichl
<b>Filer Authorized By:</b>	Luis Antonio Carrion
<b>Attorney Docket Number:</b>	MCROP0102USH
<b>Receipt Date:</b>	07-MAR-2016
<b>Filing Date:</b>	04-JAN-2016
<b>Time Stamp:</b>	14:52:23
<b>Application Type:</b>	Utility under 35 USC 111(a)

### Payment information:

Submitted with Payment	yes
Payment Type	Credit Card
Payment was successfully received in RAM	\$160
RAM confirmation Number	1276
Deposit Account	
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The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows:

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**File Listing:**

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Electronic Terminal Disclaimer-Filed	eTerminal-Disclaimer.pdf	35908 4cc07505a9cc736fd54abf88caa3f864eea65643	no	3

**Warnings:**

**Information:**

2	Fee Worksheet (SB06)	fee-info.pdf	30345 b8c942ce573005b87bd6008cd0aecb8ce3ec2e54	no	2
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**Warnings:**

**Information:**

<b>Total Files Size (in bytes):</b>			66253		
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**This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.**

**New Applications Under 35 U.S.C. 111**

**If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.**

**National Stage of an International Application under 35 U.S.C. 371**

**If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.**

**New International Application Filed with the USPTO as a Receiving Office**

**If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent application of:

Application of: Bennett H. Adelson  
Application No.: 14/987,707  
Filing Date: January 4, 2016  
Title: MACHINE OR GROUP OF MACHINES FOR MONITORING  
LOCATION OF A VEHICLE OR FREIGHT CARRIED BY A  
VEHICLE  
Examiner: Mark S. Rushing  
Art Unit: 2682  
Docket No.: MCROP0102USH

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**RESPONSE TO OFFICE ACTION DATED MARCH 4, 2015**

Sir or Madam:

Favorable consideration of the above-identified application is respectfully requested in view of the following amendments and comments.



**AMENDMENTS IN THE CLAIMS**

1. (Original) A machine or group of machines for monitoring location of at least one of a vehicle or freight carried by the vehicle, comprising:

a mobile device comprising a GPS receiver, a display, a microprocessor and a wireless communication transceiver coupled to the GPS receiver, the mobile device comprising the GPS receiver programmed to receive data sent by a plurality of GPS satellites, calculate location information of the mobile device comprising the GPS receiver and transmit the location information;

a server comprising a central processing unit, a memory, a clock, and a server communication transceiver that receives the location information of the mobile device comprising the GPS receiver, and the central processing unit programmed to:

receive a request for information regarding the location of the vehicle or the freight carried by the vehicle;

request location information of the mobile device comprising the GPS receiver from a location information provider;

receive a signal that indicates that consent was given to transmission of location information;

receive from the location information provider location information of the mobile device comprising the GPS receiver, wherein the location information of the mobile device comprising the GPS receiver originated from a device other than the mobile device comprising the GPS receiver itself; and

estimate the location of the vehicle or the freight carried by the vehicle based at least in part on the location information of the mobile device comprising the GPS receiver; and

communicate the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle.

2. (Original) A machine or group of machines for monitoring location of at least one

of a vehicle or freight carried by the vehicle, comprising:

a server comprising a central processing unit, a memory, a clock, and a server communication transceiver that receives location information of a mobile device, the mobile device comprising a GPS receiver, a microprocessor and a wireless communication transceiver coupled to the GPS receiver, the mobile device comprising the GPS receiver programmed to receive data sent by a plurality of GPS satellites, calculate location information of the mobile device comprising the GPS receiver and transmit the location information, the central processing unit programmed to:

receive a request for information regarding the location of the vehicle or the freight carried by the vehicle;

request location information of the mobile device comprising the GPS receiver from a location information provider;

receive a signal that indicates that consent was given to transmission of location information;

receive from the location information provider location information of the mobile device comprising the GPS receiver, wherein the location information of the mobile device comprising the GPS receiver originated from a device other than the mobile device comprising the GPS receiver itself; and

estimate the location of the vehicle or the freight carried by the vehicle based at least in part on the location information of the mobile device comprising the GPS receiver; and

communicate the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle.

3. (Original) The machine or group of machines of claim 2, wherein the central processing unit is programmed to the location of the vehicle or the freight carried by the vehicle based at least in part on a vehicle reference number or a freight reference number associated with the mobile device comprising the GPS receiver.

4. (Original) The machine or group of machines of claim 2, wherein the location information provider corresponds to at least one of:

a wireless service provider providing wireless service to the mobile device comprising the GPS receiver,

a third party that obtains the location information of the mobile device comprising the GPS receiver from the wireless service provider providing wireless service to the mobile device comprising the GPS receiver, and

a party that has access to the location information of the mobile device comprising the GPS receiver but is other than the wireless service provider or the third party that obtains the location information of the mobile device comprising the GPS receiver from the wireless service provider.

5. (Original) The machine or group of machines of claim 2, wherein the central processing unit is programmed to communicate the location of the vehicle or the freight carried by the vehicle to cause the representation of the location of the vehicle or the freight carried by the vehicle by one of:

exposing an application programming interface (API) from which the location of the at least one of the vehicle or the freight carried by the vehicle is obtained, or

interfacing with an exposed application programming interface (API) through which the location of the at least one of the vehicle or the freight carried by the vehicle is transmitted.

6. (Original) The machine or group of machines of claim 2, wherein the central processing unit is programmed to communicate the location of the vehicle or the freight carried by the vehicle to cause the representation of the location of the vehicle or the freight carried by the vehicle to a device associated with one of:

a freight service provider,

a party to whom the freight service provider provides freight services, and  
a party that provides location information services to the freight service provider  
or to the party to whom the freight service provider provides freight services.

7. (Original) The machine or group of machines of claim 2, wherein the central processing unit receiving from the location information provider location information of the mobile device comprising the GPS receiver is the signal that indicates that consent was given to transmission of location information of the mobile device comprising the GPS receiver.

8. (Original) The machine or group of machines of claim 2, wherein the central processing unit is programmed to communicate the location of the vehicle or the freight carried by the vehicle to cause the representation of the location of the vehicle or the freight carried by the vehicle by causing display of a visual representation of the location of the vehicle or the freight carried by the vehicle on a remote device's user interface by displaying the location of the vehicle or the freight carried by the vehicle as a) latitude and longitude coordinates, b) city/state, or c) a map that includes a mark indicating the location of the vehicle on the map.

9. (Original) The machine or group of machines of claim 2, wherein the location information of the mobile device comprising the GPS receiver is originally obtained using a method including a technique utilizing the GPS receiver that forms part of the mobile device comprising the GPS receiver.

10. (Original) The machine or group of machines of claim 2, wherein the location information of the mobile device comprising the GPS receiver is originally obtained using a method including a technique other than a technique utilizing the GPS receiver that forms part of the mobile device comprising the GPS receiver.

11. (Original) The machine or group of machines of claim 2, wherein the location information of the mobile device comprising the GPS receiver comprising the GPS receiver is originally obtained through techniques including at least one:

triangulation between radio towers,

obtaining a range of locations corresponding to a transmission range of a single radio tower,

advance forward link trilateration (AFLT),

observed time difference (OTD), and

Cell-ID (CID).

12. (Original) A machine or group of machines for monitoring location of at least one of a vehicle or freight carried by the vehicle, comprising:

a server comprising a central processing unit, a memory, a clock, and a server communication transceiver that receives location information of a mobile device, the mobile device comprising a GPS receiver, a microprocessor and a wireless communication transceiver coupled to the GPS receiver, the mobile device comprising the GPS receiver programmed to receive data sent by a plurality of GPS satellites, calculate location information of the mobile device comprising the GPS receiver and transmit the location information, the central processing unit programmed to:

determine whether consent was given to transmit location information of the mobile device comprising the GPS receiver;

estimate the location of the at least one of the vehicle or the freight carried by the vehicle based on the location information of the mobile device comprising the GPS receiver;

receive a request for information regarding the location of the at least one of the vehicle or the freight carried by the vehicle;

request location information of the mobile device comprising a GPS receiver from a location information provider corresponding to a device other than the mobile device comprising the GPS receiver;

receive from the location information provider the location information of the mobile device comprising the GPS receiver; and

communicate the location of the at least one of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle by a remote device.

13. (Original) The machine or group of machines of claim 12, wherein the location information provider corresponds to at least one of:

a wireless service provider providing wireless service to the mobile device comprising the GPS receiver,

a third party that obtains the location information of the mobile device comprising the GPS receiver from the wireless service provider providing wireless service to the mobile device comprising the GPS receiver, and

a party that has access to the location information of the mobile device comprising the GPS receiver but is other than the wireless service provider or the third party that obtains the location information of the mobile device comprising the GPS receiver from the wireless service provider.

14. (Original) The machine or group of machines of claim 12, wherein the location information of the mobile device comprising the GPS receiver is originally obtained using a method including a technique utilizing a global position machine or group of machines (GPS) satellite receiver that forms part of the mobile device comprising the GPS receiver.

15. (Original) The machine or group of machines of claim 12, wherein the location

information of the mobile device comprising the GPS receiver is originally obtained using a method including a technique other than a technique utilizing a global position machine or group of machines (GPS) satellite receiver that forms part of the mobile device comprising the GPS receiver.

16. (Original) The machine or group of machines of claim 12, wherein the location information of the mobile device comprising the GPS receiver is originally obtained through techniques including at least one:

- triangulation between radio towers,
- obtaining a range of locations corresponding to a transmission range of a single radio tower,
- advance forward link trilateration (AFLT),
- observed time difference (OTD), and
- Cell-ID (CID).

17. (Original) The machine or group of machines of claim 12, wherein the central processing unit is programmed to communicate the location of the vehicle or the freight carried by the vehicle to cause the representation of the location of the vehicle or the freight carried by the vehicle by one of:

- exposing an application programming interface (API) from which the location of the at least one of the vehicle or the freight carried by the vehicle is obtained, or
- interfacing with an exposed application programming interface (API) through which the location of the at least one of the vehicle or the freight carried by the vehicle is transmitted.

18. (Original) The machine or group of machines of claim 12, wherein the request for information regarding the location of the at least one of the vehicle or the freight carried

by the vehicle is received from a device associated with:

a freight service provider,

a party to whom the freight service provider provides freight services, or

a party that provides location information services to the freight service provider or to the party to whom the freight service provider provides freight services.

19. (Original) The machine or group of machines of claim 12, wherein the central processing unit is programmed to communicate the location of the vehicle or the freight carried by the vehicle to cause the representation of the location of the vehicle or the freight carried by the vehicle by causing display of a visual representation of the location of the vehicle or the freight carried by the vehicle on the remote device's user interface by displaying the location of the vehicle or the freight carried by the vehicle as latitude and longitude coordinates.

20. (Original) The machine or group of machines of claim 12, wherein the central processing unit is programmed to communicate the location of the vehicle or the freight carried by the vehicle to cause the representation of the location of the vehicle or the freight carried by the vehicle by causing display of a visual representation of the location of the vehicle or the freight carried by the vehicle on the remote device's user interface by displaying the location of the vehicle or the freight carried by the vehicle as city/state.

21. (Original) The machine or group of machines of claim 12, wherein the central processing unit is programmed to communicate the location of the vehicle or the freight carried by the vehicle to cause the representation of the location of the vehicle or the freight carried by the vehicle by causing display of a visual representation of the location of the vehicle or the freight carried by the vehicle on the remote device's user interface by displaying a map that includes a mark indicating the location of the vehicle on the map.



22. (Original) The machine or group of machines of claim 12, wherein the central processing unit receiving from the location information provider location information of the mobile device comprising the GPS receiver serves to determine whether consent was given to transmit location information of a mobile device comprising the GPS receiver.

23. (Original) A machine or group of machines for monitoring location of at least one of a vehicle or freight carried by the vehicle, the machine or group of machines comprising:

a server comprising a central processing unit, a memory, a clock, and a server communication transceiver that receives location information of a mobile device, the mobile device comprising a GPS receiver, a microprocessor and a wireless communication transceiver coupled to the GPS receiver, the mobile device comprising the GPS receiver programmed to receive data sent by a plurality of GPS satellites, calculate location information of the mobile device comprising the GPS receiver and transmit the location information, the central processing unit programmed to:

receive a request for information regarding the location of the vehicle or the freight carried by the vehicle, and

request location information of the vehicle or the freight carried by the vehicle from a location information provider;

receive an indication that consent to transmission of location information has been given; and

receive location information of the vehicle or the freight carried by the vehicle from the location information provider;

estimate the location of the vehicle or the freight carried by the vehicle from the location information received from the location information provider;

communicate the location of the vehicle or the freight carried by the vehicle.

24. (Original) The machine or group of machines of claim 23, wherein the location of the vehicle or the freight carried is estimated based on a vehicle reference number or a freight reference number associated with the mobile device comprising the GPS receiver.

25. (Original) The machine or group of machines of claim 23, wherein the location information provider corresponds to a device associated with at least one of:

a wireless service provider providing wireless service to the mobile device comprising the GPS receiver,

a third party that obtains the location information of the mobile device comprising the GPS receiver from the wireless service provider providing wireless service to the mobile device comprising the GPS receiver, and

a party that has access to the location information of the mobile device comprising the GPS receiver but is other than the wireless service provider or the third party that obtains the location information of the mobile device comprising the GPS receiver from the wireless service provider.

26. (Original) The machine or group of machines of claim 23, wherein the wherein the central processing unit is programmed to communicate the location of the vehicle or the freight carried by the vehicle by one of:

exposing an application programming interface (API) from which the location of the at least one of the vehicle or the freight carried by the vehicle is obtained, or

interfacing with an exposed application programming interface (API) through which the location of the at least one of the vehicle or the freight carried by the vehicle is transmitted.

27. (Original) The machine or group of machines of claim 23, wherein the central processing unit is programmed to communicate the location of the vehicle or the freight carried by the vehicle to one or more of:

a freight service provider,

a party to whom the freight service provider provides freight services, and

a party that provides location information services to the freight service provider or to the party to whom the freight service provider provides freight services.

28. (Original) The machine or group of machines of claim 23, wherein the central processing unit receiving from the location information provider location information of the mobile device comprising the GPS receiver is the indication that consent to transmission of location information of the mobile device comprising the GPS receiver has been given.

29. (Currently Amended) The machine or group of machines ~~system~~ of claim 23, wherein the location information of the mobile device comprising the GPS receiver is originally obtained using a method including a technique utilizing the GPS receiver that forms part of the mobile device comprising the GPS receiver.

30. (Currently Amended) The machine or group of machines ~~system~~ of claim 23, wherein the location information of the mobile device comprising the GPS receiver is originally obtained using a method including a technique other than a technique utilizing the GPS receiver that forms part of the mobile device comprising the GPS receiver.

**REMARKS**

Claims 1-30 are pending in the application. Claims 29 and 30 are amended herein. Favorable reconsideration of the application is respectfully requested.

***I. OBJECTIONS TO THE CLAIMS***

The Office Action objected to claims 29 and 30 because of issues of antecedent basis. The claims have been amended as suggested by the Examiner.

Withdrawal of the objections in light of the amendments is respectfully requested.

***II. DOUBLE PATENTING AND ALLOWABLE SUBJECT MATTER***

The Office Action rejected claims 1-30 on grounds of non-statutory double patenting over claims of U.S. patents 8,604,943, 8,330,626, 8,275,358, 9,070,295, 9,082,097, 9,082,098, and 9,087,313. The Office Action indicated that the claims were otherwise allowable.

The patents and applications listed by the Examiner and the present application are commonly owned. Applicant includes herewith one or more timely filed Terminal Disclaimer(s) to overcome the non-statutory double patenting rejections.

***III. CONCLUSION***

Should the Examiner feel that a telephone interview would be helpful to facilitate favorable prosecution of the above-identified application, the Examiner is invited to contact the undersigned at the telephone number provided below.

Should a petition for an extension of time be necessary for the timely reply to the outstanding Office Action (or if such a petition has been made and an additional extension is necessary), petition is hereby made and the Commissioner is authorized to charge any fees (including additional claim fees) to Deposit Account No. 18-0988.

Respectfully submitted,

RENNER, OTTO, BOISSELLE & SKLAR, LLP

/Luis A. Carrion /

Luis A. Carrion  
Reg. No. 61,255

The Keith Building  
1621 Euclid Avenue  
Nineteenth Floor  
Cleveland, Ohio 44115  
(216) 621-1113

## Electronic Acknowledgement Receipt

<b>EFS ID:</b>	25121605
<b>Application Number:</b>	14987707
<b>International Application Number:</b>	
<b>Confirmation Number:</b>	7143
<b>Title of Invention:</b>	MACHINE OR GROUP OF MACHINES FOR MONITORING LOCATION OF A VEHICLE OR FREIGHT CARRIED BY A VEHICLE
<b>First Named Inventor/Applicant Name:</b>	Bennett H. Adelson
<b>Customer Number:</b>	130163
<b>Filer:</b>	Luis Antonio Carrion/Veronica Maichl
<b>Filer Authorized By:</b>	Luis Antonio Carrion
<b>Attorney Docket Number:</b>	MCROP0102USH
<b>Receipt Date:</b>	07-MAR-2016
<b>Filing Date:</b>	04-JAN-2016
<b>Time Stamp:</b>	14:54:13
<b>Application Type:</b>	Utility under 35 USC 111(a)

### Payment information:

Submitted with Payment	no
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### File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1		P0102USH-R01.pdf	265002 <small>80c251813dc51159533169120c90f54320eae24d</small>	yes	14

<b>Multipart Description/PDF files in .zip description</b>			
<b>Document Description</b>		<b>Start</b>	<b>End</b>
Amendment/Req. Reconsideration-After Non-Final Reject		1	1
Claims		2	12
Applicant Arguments/Remarks Made in an Amendment		13	14

**Warnings:**

**Information:**

<b>Total Files Size (in bytes):</b>	265002
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**This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.**

**New Applications Under 35 U.S.C. 111**

**If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.**

**National Stage of an International Application under 35 U.S.C. 371**

**If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.**

**New International Application Filed with the USPTO as a Receiving Office**

**If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.**

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

<b>PATENT APPLICATION FEE DETERMINATION RECORD</b> Substitute for Form PTO-875	Application or Docket Number <b>14/987,707</b>	Filing Date <b>01/04/2016</b>	<input type="checkbox"/> To be Mailed
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ENTITY:  LARGE  SMALL  MICRO

**APPLICATION AS FILED – PART I**

FOR	NUMBER FILED	NUMBER EXTRA	RATE (\$)	FEE (\$)
<input type="checkbox"/> BASIC FEE <small>(37 CFR 1.16(a), (b), or (c))</small>	N/A	N/A	N/A	
<input type="checkbox"/> SEARCH FEE <small>(37 CFR 1.16(k), (l), or (m))</small>	N/A	N/A	N/A	
<input type="checkbox"/> EXAMINATION FEE <small>(37 CFR 1.16(o), (p), or (q))</small>	N/A	N/A	N/A	
TOTAL CLAIMS <small>(37 CFR 1.16(i))</small>	minus 20 =	*	X \$ =	
INDEPENDENT CLAIMS <small>(37 CFR 1.16(h))</small>	minus 3 =	*	X \$ =	
<input type="checkbox"/> APPLICATION SIZE FEE <small>(37 CFR 1.16(s))</small>	If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$310 (\$155 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).			
<input type="checkbox"/> MULTIPLE DEPENDENT CLAIM PRESENT <small>(37 CFR 1.16(j))</small>				
* If the difference in column 1 is less than zero, enter "0" in column 2.			TOTAL	

**APPLICATION AS AMENDED – PART II**

	(Column 1)	(Column 2)	(Column 3)	PRESENT EXTRA	RATE (\$)	ADDITIONAL FEE (\$)
<b>AMENDMENT</b>	<b>03/07/2016</b>	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR			
	Total <small>(37 CFR 1.16(i))</small>	* 30	Minus	** 30	= 0	X \$40 = 0
	Independent <small>(37 CFR 1.16(h))</small>	* 4	Minus	***4	= 0	X \$210 = 0
	<input type="checkbox"/> Application Size Fee <small>(37 CFR 1.16(s))</small>					
<input type="checkbox"/> FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM <small>(37 CFR 1.16(j))</small>						
					TOTAL ADD'L FEE	<b>0</b>

	(Column 1)	(Column 2)	(Column 3)	PRESENT EXTRA	RATE (\$)	ADDITIONAL FEE (\$)
<b>AMENDMENT</b>		CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR			
	Total <small>(37 CFR 1.16(i))</small>	*	Minus	**	=	X \$ =
	Independent <small>(37 CFR 1.16(h))</small>	*	Minus	***	=	X \$ =
	<input type="checkbox"/> Application Size Fee <small>(37 CFR 1.16(s))</small>					
<input type="checkbox"/> FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM <small>(37 CFR 1.16(j))</small>						
					TOTAL ADD'L FEE	

\* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.  
 \*\* If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".  
 \*\*\* If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".  
 The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

LIE  
 /TYWANA LOVELACE/

This collection of information is required by 37 CFR 1.16. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.





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Table with 5 columns: APPLICATION NO., FILING DATE, FIRST NAMED INVENTOR, ATTORNEY DOCKET NO., CONFIRMATION NO.
Row 1: 14/987,707, 01/04/2016, Bennett H. Adelson, MCROP0102USH, 7143
Row 2: 130163, 7590, 03/24/2016, LUIS A. CARRION, RENNER, OTTO, BOISSELLE & SKLAR, LLP, 1621 EUCLID AVENUE, 19TH FLOOR, CLEVELAND, OH 44115, EXAMINER RUSHING, MARK S, ART UNIT 2682, PAPER NUMBER, NOTIFICATION DATE 03/24/2016, DELIVERY MODE ELECTRONIC

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

ipdocket@rennerotto.com
LCARRION@RENNEROTTO.COM



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Commissioner for Patents  
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Doc Code:  
TRACK1.GRANT

<p><b>Decision Granting Request for Prioritized Examination (Track I or After RCE)</b></p>	<p>Application No.: 14/987,707</p>
<p>1. THE REQUEST FILED <u>January 04, 2016</u> IS <b>GRANTED</b>.</p> <p>The above-identified application has met the requirements for prioritized examination</p> <p>A. <input checked="" type="checkbox"/> for an original nonprovisional application (Track I).</p> <p>B. <input type="checkbox"/> for an application undergoing continued examination (RCE).</p> <p>2. <b>The above-identified application will undergo prioritized examination.</b> The application will be accorded special status throughout its entire course of prosecution until one of the following occurs:</p> <p>A. filing a <b><u>petition for extension of time</u></b> to extend the time period for filing a reply;</p> <p>B. filing an <b><u>amendment to amend the application to contain more than four independent claims, more than thirty total claims</u></b>, or a multiple dependent claim;</p> <p>C. filing a <b><u>request for continued examination</u></b>;</p> <p>D. filing a notice of appeal;</p> <p>E. filing a request for suspension of action;</p> <p>F. mailing of a notice of allowance;</p> <p>G. mailing of a final Office action;</p> <p>H. completion of examination as defined in 37 CFR 41.102; or</p> <p>I. abandonment of the application.</p> <p>Telephone inquiries with regard to this decision should be directed to <u>JoAnne Burke</u> at <u>571-272-4584</u>. In his/her absence, calls may be directed to <u>Brian Brown</u>, <u>571-272-5338</u>.</p> <p><u>/JoAnne Burke/</u> [Signature]</p> <p><u>Paralegal Specialist, Office of Petitions</u> (Title)</p>	

## Office of Petitions: Routing Sheet



**Application No. 14/987,707**

**This application is being forwarded to your office for further processing. A decision has been rendered on a petition filed in this application, as indicated below. For details of this decision, please see the document PET.OP.DEC filed on the same date as this document.**

**GRANTED**

**DISMISSED**

**DENIED**

Office of Petitions: Decision Count Sheet

Mailing Month

Application No.

14987707



For US serial numbers: enter number only, no slashes or commas. Ex: 10123456

For PCT: enter "51+single digit of year of filing+last 5 numbers", Ex. for PCT/US05/12345, enter 51512345

Deciding Official:

BURKE, JOANNE

Count (1) - Palm Credit

14/987,707

Decision:

GRANT

FINANCE WORK NEEDED

Select Check Box for YES



Decision Type:

643 - Track One request



Notes:

Count (2)

Decision:

n/a

FINANCE WORK NEEDED

Select Check Box for YES

Decision Type:

NONE

Notes:

Count (3)

Decision:

n/a

FINANCE WORK NEEDED

Select Check Box for YES

Decision Type:

NONE

Notes:

Initials of Approving Official (if required)

If more than 3 decisions, attach 2nd count sheet & mark this box



Printed on:



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of: Bennett H. Adelson  
Application No.: 14/987,707  
Filing Date: January 4, 2016  
For: **MACHINE OR GROUP OF MACHINES FOR MONITORING  
LOCATION OF A VEHICLE OR FREIGHT CARRIED BY A  
VEHICLE**  
Group Art Unit: 2682  
Examiner: Rushing

United States Patent and Trademark Office  
Customer Service Window, **Mail Stop Petitions**  
Randolph Building  
401 Dulany Street  
Alexandria, VA 22314

**PETITION FOR EXPUNGEMENT OF INFORMATION OR COPY OF PAPERS IN  
APPLICATION FILE UNDER 37 CFR 1.59(b)**

Sir or Madam:

Pursuant to 37 CFR 1.59(b), applicant hereby petitions for expungement of information in this application's file.

On February 1, 2016, 333 pages of Protest Documents filed by a 3<sup>rd</sup> Party (the "Protest Documents") were posted to this application's electronic file wrapper or Patent Application Information Record (PAIR).

After review of the Protest Documents, applicant believes that the Protest Documents should be expunged from the record of the application at least because various statements made in the Protest Documents regarding the relevancy of submitted documents are factually or legally incorrect. Applicant believes that the incorrect statements, if kept in the record of the application, would be potentially prejudicial to the applicant.

37 CFR 1.59(b) provides as follows:

04/18/2016 SMOHAMME 00000002 180988 14987707  
01 FC:2463 100.00 DA

(b) An applicant may request that the Office expunge information, other than what is excluded by paragraph (a)(2) of this section, by filing a petition under this paragraph. Any petition to expunge information from an application must include the fee set forth in § 1.17(g) and establish to the satisfaction of the Director that the expungement of the information is appropriate in which case a notice granting the petition for expungement will be provided.

To establish to the satisfaction of the Director that the expungement of the information is appropriate, applicant includes below a memorandum detailing the incorrect statements in the Protest Documents. For your convenience in reviewing this document, applicant has adopted the numbering of the Protest. Numbered sections below correspond to the same number sections in the Protest.

### **MEMORANDUM**

#### **A. EXPLANATION OF INCORRECT STATEMENTS IN THE PROTEST**

##### **(1) MacroPoint, LLC, v. Four Kites, Memorandum of Opinion and Order dated November 6, 2015 ("Memorandum Opinion")**

Protestant stated that the "Memorandum Opinion is relevant because the applicant's invention is for an abstract idea without the addition of an inventive concept."

Protestant's statement is legally and factually incorrect.

An "invention is defined by the claims." *Vas-Cath Inc. v. Mahurkar*, 935 F.2d 1555, 1565 (Fed. Cir. 1991). That "the claims of a patent define the invention" is a "bedrock principle" of patent law. *Phillips v. AWH Corp.*, 415 F.3d 1303, 1312 (Fed. Cir. 2005) (en banc). Thus, although it may be true that the claims of the patents addressed by the Memorandum Opinion were found unpatentable under 35 U.S.C. § 101 by the district court, that finding only applies to the *claims* at issue in that case and not generally to "applicant's invention" as the Protestant proposes. Protestant's statement that "applicant's invention" in general and divorced from the specific claims "is for an abstract idea without addition of an inventive concept" is, thus, legally incorrect.

In addition, the claims of the present patent application have not been granted. One thing we know about those yet-to-be-granted claims, however, is that they will be different from those at issue in the Memorandum Opinion. Thus, Protestant's statement that "applicant's invention is for an abstract idea without the addition of an inventive concept" is legally and/or factually incorrect for this additional reason.

Therefore Protestant's statement that "the applicant's invention is for an abstract idea without the addition of an inventive concept" is legally incorrect at least because a) the district court's findings reflected in the Memorandum Opinion apply only to the *claims* at issue in that Opinion and not generally to "applicant's invention," and b) the findings reflected in the Memorandum Opinion do not apply to the claims of the present application which will be different from the claims of the patent claims addressed by the Memorandum Opinion.

These incorrect statements, if entered into the record of the application, would be potentially prejudicial to the applicant during prosecution. Perhaps more importantly, these incorrect statements would be prejudicial to the patentee if/when a patent issues because the incorrect statements would become part of the prosecution history of the issued patents and thus the incorrect statements would serve as litigation fodder for potential infringers and/or as negotiation leverage to potential licensees.

Please keep in mind that applicant is not requesting that legitimate prior art or even legitimate statements regarding its application(s) be kept from the record. In fact, applicant has itself submitted Information Disclosure Statements disclosing the same documents included with the Protest. It is only to illegitimate and incorrect statements made in the Protest that applicant objects.

**(2) Plaintiff MacroPoint, LLC's Opposition to Defendant FourKites, Inc.'s Motion to Dismiss First Amended Complaint ("Opposition")**

Protestant stated that the "Opposition is relevant because it demonstrates applicant's interpretation of the scope of applicant's invention is not adequately described and enabled by the specification in violation of 35 U.S.C. § 112."

Protestant's statement is legally and factually incorrect.

First, the statement is legally incorrect because, in patent law, there is no such thing as “the scope of applicant's invention” divorced from the claim language. As stated above, an “invention is defined by the claims.” *Phillips*, 415 F.3d at 1312. Thus, a claim's language determines its scope. *Id.* Protestant's statement is legally incorrect because it proposes that patentee's statements in the Opposition apply to applicant's invention in general, divorced from the claims.

In addition, the standards for claim construction are different in district court litigation as compared to examination proceedings at the USPTO. “During patent examination, the pending claims must be ‘given their broadest reasonable interpretation consistent with the specification.’ MPEP 2111; *Phillips v. AWH Corp.*, 415 F.3d 1303, 1316 (Fed. Cir. 2005). At the district court, once the patent has issued, the standard moves from the broadest reasonable interpretation standard to the standard calling for “ordinary and customary meaning’ as understood by a person of ordinary skill in the art in question at the time of the invention.” *Id.*

Thus, any interpretation that a district court would give claim terms (or that patentee would ask the court to give to claim terms) is not governed by the same standards that an Examiner at the USPTO would give during prosecution. Protestant's statement that the Opposition “demonstrates applicant's interpretation of the scope of applicant's invention is not adequately described and enabled by the specification in violation of 35 U.S.C. § 112” is legally incorrect for at least this reason.

Moreover, MPEP 2111 is clear that:

The Patent and Trademark Office (“PTO”) determines the scope of claims in patent applications not solely on the basis of the claim language, but upon giving claims their broadest reasonable construction “in light of the specification as it would be interpreted by one of ordinary skill in the art.” *In re Am. Acad. of Sci. Tech. Ctr.*, 367 F.3d 1359, 1364[, 70 USPQ2d 1827, 1830] (Fed. Cir. 2004). Indeed, the rules of the PTO require that application claims must “conform to the invention as set forth in the remainder of the specification and the terms and phrases used in the claims must find clear support or antecedent basis in the description so that the meaning of the terms in the claims may be ascertainable by reference to the description.” 37 CFR 1.75(d)(1).



Thus, the USPTO determines the meaning of the claims on the basis of the claim language and the specification as interpreted by one of ordinary skill in the art. What applicant may or may not think regarding the meaning of its claims does not commonly come into play when determining claim interpretation at the USPTO.

Finally, although patentee's interpretation of the scope of the claims as reflected in the Opposition are adequately described and enabled by the respective specifications in accordance with 35 U.S.C. § 112, patentee's statements in the Opposition apply to the claims at issue in the district court case, and not necessarily to the claims in the present patent application. Claims other than those addressed in the Opposition are to be evaluated on their own merits. Protestant's statement that the Opposition "demonstrates applicant's interpretation of the scope of applicant's invention is not adequately described and enabled by the specification in violation of 35 U.S.C. § 112" is legally incorrect for this additional reason.

**(3) Declaration of Ivan Zatkovich in Support of MacroPoint, LLC's  
Opposition Brief to Defendant FourKites, Inc.'s Motion to Dismiss First  
Amended Complaint "Zatkovich")**

The Protest states that "Zatkovich is relevant because it demonstrates applicant's interpretation of the scope of applicant's invention is not adequately described and enabled by the specification in violation of 35 U.S.C. § 112."

A similar analysis to the analysis above regarding the Opposition applies here. Protestant's statement of relevancy regarding Zatkovich is legally and factually incorrect because a) it proposes that statements in Zatkovich apply to applicant's invention in general, divorced from the claims, b) it conflates/confuses the different claim term construction standards at district court and at the USPTO, and c) it conflates/confuses the claims at issue in the district court case with the claims at issue in the present patent application.

In addition, the Protest's statement of relevancy regarding Zatkovich is factually incorrect because it attributes the statements of an expert to the patentee, which is not correct.

**4) Location-enhanced Call Center and IVR Services, Technical Insights About Your Calling Customer's Location ("TechnoCom White Paper"), 2009**

The Protest states that "The TechnoCom White Paper is relevant because it is prior art that anticipates and/or renders obvious the applicant's invention."

Protestant's statement is legally incorrect.

As discussed above, an "invention is defined by the claims." *Vas-Cath Inc. v. Mahurkar*, 935 F.2d 1555, 1565 (Fed. Cir. 1991). That "the claims of a patent define the invention" is a "bedrock principle" of patent law. *Phillips v. AWH Corp.*, 415 F.3d 1303, 1312 (Fed. Cir. 2005) (en banc). Thus, to state that *any* prior art anticipates and/or renders obvious the applicant's invention in general, divorced from the specific claims, as the Protestant has done is legally incorrect.

**(5) U.S. Patent No. 8,301,158 ("Thomas"), (6) U.S. Patent No. 8,755,823 ("Proietti"), (7) U.S. Patent Application Publication No. 2009/0030770 ("Hersh"), (8) U.S. Patent No. 8,649,775 ("Alessio"), (9) Haulcom, (10) FollowMee GPS Tracker ("FollowMee"), (11) uFollowit, (12) myGeoTracking, (13) MoosTrax, (14) MileBug, (15) Enterprise**

Regarding each these documents, the Protest states that the document "is relevant because it is prior art that anticipates and/or renders obvious the applicant's invention."

A similar analysis to the analysis above regarding the TechnoCom White Paper applies here. Even assuming that each of these documents is prior art to the claims of the present application, to state that *any* prior art anticipates and/or renders obvious the applicant's invention in general, divorced from the specific claims, as the Protestant has done is legally incorrect.

**B. CONCLUSION REGARDING INCORRECT STATEMENTS**

These incorrect statements, if entered into the record of the application, would be potentially prejudicial to the applicant during prosecution. Perhaps more importantly, these incorrect statements would be prejudicial to the patentee if/when a patent issues

because the incorrect statements would become part of the prosecution history of the issued patents and thus the incorrect statements would serve as litigation fodder for potential infringers and/or as negotiation leverage to potential licensees.

Please keep in mind that applicant is not requesting that legitimate prior art or even legitimate statements regarding its application be kept from the record. In fact, applicant has itself submitted Information Disclosure Statements disclosing most, if not all, of the same documents included with the Protest Documents. It is only to illegitimate and incorrect statements made in the Protest that applicant objects.

The statements in the Protest Documents discussed above regarding the relevancy of submitted documents are illegitimate and incorrect and, on that basis, applicant respectfully requests that the Protest Documents be expunged from the record of the application.

**C. THE PROTEST DID NOT ADEQUATELY IDENTIFY THE APPLICATION**

Pursuant to 37 C.F.R. § 1.291, a protest “will be matched with the application file if it adequately identifies the patent application.” A protest with inadequate identification “may not be entered and may be returned to the protestor where practical, or, if return is not practical, discarded.”

Here, the Protest was directed to “Application No. 14/978,707” which is not the serial number of the present application. The Protest, thus, did not adequately identify any patent application, definitely not the present application. As such, pursuant to § 1.291, the Protest should not have been entered on the record of the present application and should have instead been discarded.

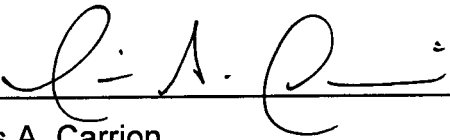
On this additional basis, applicant respectfully requests that the Protest Documents be expunged from the record of the application.

**D. EXPUNGEMENT FEE**

Applicant hereby authorizes charge of the \$100 (small entity) fee under § 1.17(g) required by 37 CFR 1.59(b) to Deposit Account No. 18-0988. Please reference Docket No. MCROP0102USH.

Respectfully submitted,

RENNER, OTTO, BOISSELLE & SKLAR, LLP



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Luis A. Carrion  
Reg. No. 61,255

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(216) 621-1113

LAC



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Table with columns: APPLICATION NO., FILING DATE, FIRST NAMED INVENTOR, ATTORNEY DOCKET NO., CONFIRMATION NO., EXAMINER, ART UNIT, PAPER NUMBER, NOTIFICATION DATE, DELIVERY MODE. Includes application details for 14/987,707 and examiner RUSHING, MARK S.

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

ipdocket@rennerotto.com
LCARRION@RENNEROTTO.COM



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<b>APPLICATION NO./ CONTROL NO.</b>	<b>FILING DATE</b>	<b>FIRST NAMED INVENTOR / PATENT IN REEXAMINATION</b>	<b>ATTORNEY DOCKET NO.</b>
14/987,707	04 January, 2016	ADELSON, BENNETT H.	MCROP0102USH

LUIS A. CARRION RENNER, OTTO, BOISSELLE & SKLAR, LLP 1621 EUCLID AVENUE 19TH FLOOR CLEVELAND, OH 44115	<b>EXAMINER</b>	
	MARK RUSHING	
	<b>ART UNIT</b>	<b>PAPER</b>
	2682	20160407

DATE MAILED:

**Please find below and/or attached an Office communication concerning this application or proceeding.**

**Commissioner for Patents**

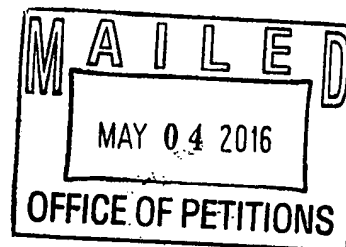
A protest against issuance of a patent based upon this application has been filed under 37 CFR 1.291(a) on 2/1/16, and a copy has been served to Applicant. Any comments or reply applicant desires to file before consideration of the protest must be filed one month from the mailing date of this communication. Please highlight differences between the claims within the present invention and the references cited in the protest, in particular the Proietti reference (US 8,755,823). Also, please include a concise rebuttal to the 101 issues that have been addressed in the protest.

	/MARK RUSHING/ Primary Examiner, Art Unit 2682
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Commissioner for Patents  
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In re Application of :  
Bennett H. Adelson :  
Application No. 14/987,707 : RESPONSE TO PETITION  
Filed: January 4, 2016 :  
Attorney Docket No. MCROP0102USH :

This is a response to the renewed petition under 37 CFR 1.59(b), filed April 15, 2016, to expunge information from the above identified application.

The petition is **dismissed**.

Petitioner requests that the Protest under 37 CFR 1.291, filed on February 1, 2016, be expunged from the above identified application. The petition submits that this document was improper due to factually or legally incorrect statements and inadequate identification of the application.

37 CFR 1.291 states, in pertinent part:

A protest may be filed by a member of the public against a pending application, and it will be matched with the application file if it adequately identifies the patent application.

The protest filed on February 1, 2016 is a proper 3<sup>rd</sup> party filing and will not be removed from the file. In regard to the allegation that the statements in the protest are incorrect, a protest may include arguments against patentability. The examiner will evaluate authenticity and determine the weight given to the protest.

77 Fed. Reg. 42150, 42151 (July 17, 2012) states, in pertinent part:

Unlike the concise description of relevance required by 35 U.S.C. 122(e) for a preissuance submission, which is limited to a description of a document's relevance, the concise explanation for a protest under 37 CFR 1.291 allows for arguments against patentability.

According to MPEP 1901.02,

The Office recognizes that when evidence other than prior art documents is relied on, problems may arise as to authentication and the probative value to assign to such evidence. However, the fact that such problems may arise, and have to be resolved, does not preclude the Office from considering such evidence, nor does it mean that such evidence cannot be relied on in a protest under 37 CFR 1.291.

Also, according to MPEP 1901.02,

While the forms in which evidence and/or information may be submitted with, or as a part of, a protest under 37 CFR 1.291, are not limited, protestors must recognize that such submissions may encounter problems such as establishing authenticity and/or the probative value to apply to the evidence. Obviously, the Office will have to evaluate each item of evidence and/or information submitted with a view as to both its authenticity and what weight to give thereto.

Furthermore, in regard to the contention that the protest gave inadequate identification of the application, the protestor in this instance provided identifying data sufficient to match the protest with the application file. When viewed together with the applicant, filing date, art unit and examiner information provided, it was evident protestor had transposed a digit in the application serial number. Based on this adequate identification of the application, the Office was able to match the protest with the present application.

Telephone inquiries concerning this communication should be directed to the undersigned at (571) 272-6692.



Christopher Bottorff  
Petitions Examiner  
Office of Petitions



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent application of:

Application of: Bennett H. Adelson

Application No.: 14/987,707

Filing Date: January 4, 2016

Title: **MACHINE OR GROUP OF MACHINES FOR MONITORING  
LOCATION OF A VEHICLE OR FREIGHT CARRIED BY A  
VEHICLE**

Examiner: Mark S. Rushing

Art Unit: 2682

Docket No.: MCROP0102USH

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**APPLICANT'S REPLY TO OFFICE ACTION OF APRIL 27, 2016**

Sir or Madam:

On April 27, 2016 the Office issued an Office Action providing applicant the opportunity to comment on a Protest under 37 C.F.R. § 1.291(a) filed on the record of the present application. Applicant includes below a memorandum commenting on the Protest.

**MEMORANDUM*****I. Introduction***

In the Office Action of April 27, 2016, the Examiner asked the applicant to “highlight differences between the claims within the present invention and the references cited in the protest, in particular the Proietti reference (US 8,755,823),” and “include a concise rebuttal of the 101 issues that have been addressed in the protest.”

Applicant addresses these items below. For the Examiner’s convenience in reviewing, applicant has adopted the numbering of the Protest. Numbered sections below correspond to the same number sections in the Protest.

***II. References*****(1) MacroPoint, LLC, v. Four Kites, Memorandum of Opinion and Order dated November 6, 2015 ("Memorandum Opinion")**

The Protest stated that the “Memorandum Opinion is relevant because the applicant's invention is for an abstract idea without the addition of an inventive concept.” This is the only reference in the context of which the Protest raised issues related to 35 U.S.C. § 101. Therefore, applicant addresses the Examiner’s request to “include a concise rebuttal of the 101 issues that have been addressed in the protest” in the context of this reference.

As a preliminary matter, the Protest’s statement that “the applicant's invention is for an abstract idea without the addition of an inventive concept” is legally incorrect. This is because any finding regarding the patentability of the subject matter of a claim pertains to that specific claim and not generally “to applicant’s invention” as the protestant states. An “invention is defined by the claims.” *Vas-Cath Inc. v. Mahurkar*, 935 F.2d 1555, 1565 (Fed. Cir. 1991). That “the claims of a patent define the invention” is a “bedrock principle” of patent law. *Phillips v. AWH Corp.*, 415 F.3d 1303, 1312 (Fed. Cir. 2005) (en banc). This is the reason why the USPTO has promulgated Guidelines for Examiner’s to evaluate *claims* on a case-by-case basis. As the Examiner is likely familiar with, in many if not most cases, applicants can amend claims rejected under § 101 to overcome the rejections. This is clearly because whether a claim is eligible under § 101 depends on the claim itself and not generally on “applicant’s invention” as the protestant would have us

believe. The Protest’s statement that “applicant’s invention” in general and divorced from the specific claims “is for an abstract idea without addition of an inventive concept” is, thus, legally incorrect.

That said, applicant provides below a detailed § 101 analysis of the claims of the present application. The § 101 analysis for the claims of the present application is similar to that of *SiRF Technology Inc. v. International Trade Commission*. See Example 4 of the 2014 Interim Guidance on Patent Subject Matter Eligibility (the “Guidelines”).

Compare claim 1 of *SiRF* to, for example, claim 1 of the present application:

<b><u>Example 4 Claim 1</u></b>	<b><u>Present Application Claim 1</u></b>
A system for calculating an absolute position of a GPS receiver and an absolute time of reception of satellite signals comprising:	A machine or group of machines for monitoring location of at least one of a vehicle or freight carried by the vehicle, comprising:
a mobile device comprising a GPS receiver, a display, a microprocessor and a wireless communication transceiver coupled to the GPS receiver, the mobile device programmed to receive PN codes sent by a plurality of GPS satellites, calculate pseudo-ranges to the plurality of GPS satellites by averaging the received PN codes, and transmit the pseudo-ranges, and	a mobile device comprising a GPS receiver, a display, a microprocessor and a wireless communication transceiver coupled to the GPS receiver, the mobile device comprising the GPS receiver programmed to receive data sent by a plurality of GPS satellites, calculate location information of the mobile device comprising the GPS receiver and transmit the location information;
a server comprising a central processing unit, a memory, a clock, and a server communication transceiver that receives pseudo-ranges from the wireless communication transceiver of the mobile device, the memory having location data stored therein for a plurality of wireless towers, and the central processing unit programmed to:	a server comprising a central processing unit, a memory, a clock, and a server communication transceiver that receives the location information of the mobile device comprising the GPS receiver, and the central processing unit programmed to:
estimate a position of the GPS receiver based on location data for a wireless tower from the memory and time data from the clock,  calculate absolute time that the signals were sent from the GPS satellites	receive a request for information regarding the location of the vehicle or the freight carried by the vehicle;  request location information of the mobile device comprising the GPS receiver from a location information

<p>using the pseudo-ranges from the mobile device and the position estimate,</p> <p style="padding-left: 40px;">create a mathematical model to calculate absolute position of the GPS receiver based on the pseudo-ranges and calculated absolute time,</p> <p style="padding-left: 40px;">calculate the absolute position of the GPS receiver using the mathematical model, and</p> <p style="padding-left: 40px;">transmit the absolute position of the GPS receiver to the mobile device, via the server communication transceiver, for visual representation on the display.</p>	<p>provider;</p> <p style="padding-left: 40px;">receive a signal that indicates that consent was given to transmission of location information;</p> <p style="padding-left: 40px;">receive from the location information provider location information of the mobile device comprising the GPS receiver, wherein the location information of the mobile device comprising the GPS receiver originated from a device other than the mobile device comprising the GPS receiver itself; and</p> <p style="padding-left: 40px;">estimate the location of the vehicle or the freight carried by the vehicle based at least in part on the location information of the mobile device comprising the GPS receiver; and</p> <p style="padding-left: 40px;">communicate the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle.</p>
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As can be seen from the claim chart above, the claims are very similar.

See the Analysis below as prescribed by the Guidelines comparing claim 1 of Example 4 (*SiRF*) to, for example, claim 1 of the present application:

	<b><u>SiRF – Example 4</u></b>	<b><u>Present Application Claim 1</u></b>
Step 1	The claim is directed to a statutory category, i.e., a system including a mobile device and a server satisfies the requirements of a machine (as a combination of devices) (Step 1: YES).	The claim is directed to a statutory category, i.e., a machine or group of machines including a mobile device and a server satisfies the requirements of a machine (as a combination of devices) (Step 1: YES).
Step 2A	The claim recites mathematical operations (e.g., calculating pseudo-ranges and absolute times, and the mathematical model), which the courts have considered to fall within the judicial exceptions, e.g., as abstract ideas. Because these mathematical operations are recited in the claim, the	The protest submits that “applicant’s invention is for an abstract idea.” The May 2016 Subject Matter Eligibility Update to the Guidelines makes clear that the “fact that a claim is directed to an improvement in computer-related technology can demonstrate that the claim does not recite a concept to

	<p>claim is directed to a judicial exception (Step 2A: YES).</p>	<p>previously identified abstract ideas." Applicant submits that claim 1 is not directed to an abstract idea. For purposes of this analysis, however, applicant moves on to Step 2B.</p>
<p>Step 2B</p>	<p>Next, the claim as a whole is analyzed to determine whether any element, or combination of elements, is sufficient to ensure that the claim amounts to significantly more than the exception. First, the claim recites using a central processing unit (CPU) for performing the mathematical operations of estimating position, calculating absolute time, and calculating absolute position using a mathematical model. The claim also recites using location data stored in a memory, and time data from a clock. These computer components are recited at a high level of generality and add no more to the claimed invention than the components that perform basic mathematical calculation functions routinely provided by a general purpose computer. Limiting performance of the mathematical calculations to a general purpose CPU, absent more, is not sufficient to transform the recited judicial exception into a patent-eligible invention.</p> <p>However, the claim is further limited to a mobile device comprising a GPS receiver, microprocessor, wireless communication transceiver and a display that receives satellite data, calculates pseudo-ranges, wirelessly transmits the calculated pseudo-ranges to the server, receives location data from the server, and displays a visual representation of the received calculated absolute position from the server. The programmed CPU acts in concert with the recited features of the mobile device to enable the mobile</p>	<p>Next, the claim as a whole is analyzed to determine whether any element, or combination of elements, is sufficient to ensure that the claim amounts to significantly more than the exception. First, the claim recites using a central processing unit (CPU) for performing the mathematical operation of estimating position. The claim also recites using location data stored in a memory, and time data from a clock.</p> <p>However, the claim is further limited to a mobile device comprising a GPS receiver, microprocessor, wireless communication transceiver and a display that receives satellite data, calculates location information, and wirelessly transmits to the server. The programmed CPU acts in concert with the recited features of the server to enable it to determine and communicate location information through interaction with remote devices, etc. The meaningful limitations placed upon the application of the claimed mathematical</p>

	<p>device to determine and display its absolute position through interaction with a remote server and multiple remote satellites. The meaningful limitations placed upon the application of the claimed mathematical operations show that the claim is not directed to performing mathematical operations on a computer alone. Rather, the combination of elements impose meaningful limits in that the mathematical operations are applied to improve an existing technology (global positioning) by improving the signal-acquisition sensitivity of the receiver to extend the usefulness of the technology into weak-signal environments and providing the location information for display on the mobile device. All of these features, especially when viewed in combination, amount to significantly more than the judicial exception (Step 2B: YES).</p>	<p>operations show that the claim is not directed to performing mathematical operations on a computer alone. Rather, the combination of elements impose meaningful limits in that the mathematical operations are applied to improve an existing technology (freight vehicle or freight tracking) by obtaining the location information of the communication device (and thus the vehicle or freight carried by the vehicle) from the location information provider (after obtaining consent) and, in turn, providing continuous, real-time location information to shippers and customers about all shipments in one integrated service. All of these features, especially when viewed in combination, amount to significantly more than the judicial exception (Step 2B: YES).</p>
End	The claim is eligible.	The claim is eligible.

See the Analysis below as prescribed by the Guidelines comparing claim 1 of Example 4 (*SiRF*) to, for example, claim 2 of the present application:

	<b><u>SiRF – Example 4</u></b>	<b><u>Present Application Claim 2</u></b>
Step 1	The claim is directed to a statutory category, i.e., a system including a mobile device and a server satisfies the requirements of a machine (as a combination of devices) (Step 1: YES).	The claim is directed to a statutory category, i.e., a machine or group of machines reciting a mobile device and a server satisfies the requirements of a machine (as a combination of devices) (Step 1: YES).
Step 2A	The claim recites mathematical operations (e.g., calculating pseudo-ranges and absolute times, and the mathematical model), which the courts have considered to fall within the judicial exceptions, e.g., as abstract ideas. Because these mathematical operations are recited in the claim, the	The protest submits that “applicant’s invention is for an abstract idea.” The May 2016 Subject Matter Eligibility Update to the Guidelines makes clear that the “fact that a claim is directed to an improvement in computer-related technology can demonstrate that the claim does not recite a concept to

	<p>claim is directed to a judicial exception (Step 2A: YES).</p>	<p>previously identified abstract ideas." Applicant submits that claim 2 is not directed to an abstract idea. For purposes of this analysis, however, applicant moves on to Step 2B.</p>
<p>Step 2B</p>	<p>Next, the claim as a whole is analyzed to determine whether any element, or combination of elements, is sufficient to ensure that the claim amounts to significantly more than the exception. First, the claim recites using a central processing unit (CPU) for performing the mathematical operations of estimating position, calculating absolute time, and calculating absolute position using a mathematical model. The claim also recites using location data stored in a memory, and time data from a clock. These computer components are recited at a high level of generality and add no more to the claimed invention than the components that perform basic mathematical calculation functions routinely provided by a general purpose computer. Limiting performance of the mathematical calculations to a general purpose CPU, absent more, is not sufficient to transform the recited judicial exception into a patent-eligible invention.</p> <p>However, the claim is further limited to a mobile device comprising a GPS receiver, microprocessor, wireless communication transceiver and a display that receives satellite data, calculates pseudo-ranges, wirelessly transmits the calculated pseudo-ranges to the server, receives location data from the server, and displays a visual representation of the received calculated absolute position from the server. The programmed CPU acts in concert with the recited features of the mobile device to enable the mobile</p>	<p>Next, the claim as a whole is analyzed to determine whether any element, or combination of elements, is sufficient to ensure that the claim amounts to significantly more than the exception. First, the claim recites using a central processing unit (CPU) for performing the mathematical operation of estimating position. The claim also recites using location data stored in a memory, and time data from a clock.</p> <p>However, the claim is further limited to a mobile device comprising a GPS receiver, microprocessor, wireless communication transceiver and a display that receives satellite data, calculates location information, and wirelessly transmits to the server. The programmed CPU acts in concert with the recited features of the server to enable it to determine and communicate location information through interaction with remote devices, etc. The meaningful limitations placed upon the application of the claimed mathematical</p>

	<p>device to determine and display its absolute position through interaction with a remote server and multiple remote satellites. The meaningful limitations placed upon the application of the claimed mathematical operations show that the claim is not directed to performing mathematical operations on a computer alone. Rather, the combination of elements impose meaningful limits in that the mathematical operations are applied to improve an existing technology (global positioning) by improving the signal-acquisition sensitivity of the receiver to extend the usefulness of the technology into weak-signal environments and providing the location information for display on the mobile device. All of these features, especially when viewed in combination, amount to significantly more than the judicial exception (Step 2B: YES).</p>	<p>operations show that the claim is not directed to performing mathematical operations on a computer alone. Rather, the combination of elements impose meaningful limits in that the mathematical operations are applied to improve an existing technology (freight vehicle or freight tracking) by obtaining the location information of the communication device (and thus the vehicle or freight carried by the vehicle) from the location information provider (after obtaining consent) and, in turn, providing continuous, real-time location information to shippers and customers about all shipments in one integrated service. All of these features, especially when viewed in combination, amount to significantly more than the judicial exception (Step 2B: YES).</p>
End	The claim is eligible.	The claim is eligible.

See the Analysis below as prescribed by the Guidelines comparing claim 1 of Example 4 (*SiRF*) to, for example, claim 12 of the present application:

	<b><u>SiRF – Example 4</u></b>	<b><u>Present Application Claim 12</u></b>
Step 1	The claim is directed to a statutory category, i.e., a system including a mobile device and a server satisfies the requirements of a machine (as a combination of devices) (Step 1: YES).	The claim is directed to a statutory category, i.e., a machine or group of machines reciting a mobile device and a server satisfies the requirements of a machine (as a combination of devices) (Step 1: YES).
Step 2A	The claim recites mathematical operations (e.g., calculating pseudo-ranges and absolute times, and the mathematical model), which the courts have considered to fall within the judicial exceptions, e.g., as abstract ideas. Because these mathematical operations are recited in the claim, the	The protest submits that “applicant’s invention is for an abstract idea.” The May 2016 Subject Matter Eligibility Update to the Guidelines makes clear that the “fact that a claim is directed to an improvement in computer-related technology can demonstrate that the claim does not recite a concept to



	<p>claim is directed to a judicial exception (Step 2A: YES).</p>	<p>previously identified abstract ideas." Applicant submits that claim 12 is not directed to an abstract idea. For purposes of this analysis, however, applicant moves on to Step 2B.</p>
<p>Step 2B</p>	<p>Next, the claim as a whole is analyzed to determine whether any element, or combination of elements, is sufficient to ensure that the claim amounts to significantly more than the exception. First, the claim recites using a central processing unit (CPU) for performing the mathematical operations of estimating position, calculating absolute time, and calculating absolute position using a mathematical model. The claim also recites using location data stored in a memory, and time data from a clock. These computer components are recited at a high level of generality and add no more to the claimed invention than the components that perform basic mathematical calculation functions routinely provided by a general purpose computer. Limiting performance of the mathematical calculations to a general purpose CPU, absent more, is not sufficient to transform the recited judicial exception into a patent-eligible invention.</p> <p>However, the claim is further limited to a mobile device comprising a GPS receiver, microprocessor, wireless communication transceiver and a display that receives satellite data, calculates pseudo-ranges, wirelessly transmits the calculated pseudo-ranges to the server, receives location data from the server, and displays a visual representation of the received calculated absolute position from the server. The programmed CPU acts in concert with the recited features of the mobile device to enable the mobile</p>	<p>Next, the claim as a whole is analyzed to determine whether any element, or combination of elements, is sufficient to ensure that the claim amounts to significantly more than the exception. First, the claim recites using a central processing unit (CPU) for performing the mathematical operation of estimating position. The claim also recites using location data stored in a memory, and time data from a clock.</p> <p>However, the claim is further limited to a mobile device comprising a GPS receiver, microprocessor, wireless communication transceiver and a display that receives satellite data, calculates location information, and wirelessly transmits to the server. The programmed CPU acts in concert with the recited features of the server to enable it to determine and communicate location information through interaction with remote devices, etc. The meaningful limitations placed upon the application of the claimed mathematical</p>

	device to determine and display its absolute position through interaction with a remote server and multiple remote satellites. The meaningful limitations placed upon the application of the claimed mathematical operations show that the claim is not directed to performing mathematical operations on a computer alone. Rather, the combination of elements impose meaningful limits in that the mathematical operations are applied to improve an existing technology (global positioning) by improving the signal-acquisition sensitivity of the receiver to extend the usefulness of the technology into weak-signal environments and providing the location information for display on the mobile device. All of these features, especially when viewed in combination, amount to significantly more than the judicial exception (Step 2B: YES).	operations show that the claim is not directed to performing mathematical operations on a computer alone. Rather, the combination of elements impose meaningful limits in that the mathematical operations are applied to improve an existing technology (freight vehicle or freight tracking) by obtaining the location information of the communication device (and thus the vehicle or freight carried by the vehicle) from the location information provider (after obtaining consent) and, in turn, providing continuous, real-time location information to shippers and customers about all shipments in one integrated service. All of these features, especially when viewed in combination, amount to significantly more than the judicial exception (Step 2B: YES).
End	The claim is eligible.	The claim is eligible.

See the Analysis below as prescribed by the Guidelines comparing claim 1 of Example 4 (*SiRF*) to, for example, claim 23 of the present application:

	<b><u>SiRF – Example 4</u></b>	<b><u>Present Application Claim 23</u></b>
Step 1	The claim is directed to a statutory category, i.e., a system including a mobile device and a server satisfies the requirements of a machine (as a combination of devices) (Step 1: YES).	The claim is directed to a statutory category, i.e., a machine or group of machines reciting a mobile device and a server satisfies the requirements of a machine (as a combination of devices) (Step 1: YES).
Step 2A	The claim recites mathematical operations (e.g., calculating pseudo-ranges and absolute times, and the mathematical model), which the courts have considered to fall within the judicial exceptions, e.g., as abstract ideas. Because these mathematical operations are recited in the claim, the	The protest submits that “applicant’s invention is for an abstract idea.” The May 2016 Subject Matter Eligibility Update to the Guidelines makes clear that the “fact that a claim is directed to an improvement in computer-related technology can demonstrate that the claim does not recite a concept to

	<p>claim is directed to a judicial exception (Step 2A: YES).</p>	<p>previously identified abstract ideas." Applicant submits that claim 23 is not directed to an abstract idea. For purposes of this analysis, however, applicant moves on to Step 2B.</p>
<p>Step 2B</p>	<p>Next, the claim as a whole is analyzed to determine whether any element, or combination of elements, is sufficient to ensure that the claim amounts to significantly more than the exception. First, the claim recites using a central processing unit (CPU) for performing the mathematical operations of estimating position, calculating absolute time, and calculating absolute position using a mathematical model. The claim also recites using location data stored in a memory, and time data from a clock. These computer components are recited at a high level of generality and add no more to the claimed invention than the components that perform basic mathematical calculation functions routinely provided by a general purpose computer. Limiting performance of the mathematical calculations to a general purpose CPU, absent more, is not sufficient to transform the recited judicial exception into a patent-eligible invention.</p> <p>However, the claim is further limited to a mobile device comprising a GPS receiver, microprocessor, wireless communication transceiver and a display that receives satellite data, calculates pseudo-ranges, wirelessly transmits the calculated pseudo-ranges to the server, receives location data from the server, and displays a visual representation of the received calculated absolute position from the server. The programmed CPU acts in concert with the recited features of the mobile device to enable the mobile</p>	<p>Next, the claim as a whole is analyzed to determine whether any element, or combination of elements, is sufficient to ensure that the claim amounts to significantly more than the exception. First, the claim recites using a central processing unit (CPU) for performing the mathematical operation of estimating position. The claim also recites using location data stored in a memory, and time data from a clock.</p> <p>However, the claim is further limited to a mobile device comprising a GPS receiver, microprocessor, wireless communication transceiver and a display that receives satellite data, calculates location information, and wirelessly transmits to the server. The programmed CPU acts in concert with the recited features of the server to enable it to determine and communicate location information through interaction with remote devices, etc. The meaningful limitations placed upon the application of the claimed mathematical</p>

	<p>device to determine and display its absolute position through interaction with a remote server and multiple remote satellites. The meaningful limitations placed upon the application of the claimed mathematical operations show that the claim is not directed to performing mathematical operations on a computer alone. Rather, the combination of elements impose meaningful limits in that the mathematical operations are applied to improve an existing technology (global positioning) by improving the signal-acquisition sensitivity of the receiver to extend the usefulness of the technology into weak-signal environments and providing the location information for display on the mobile device. All of these features, especially when viewed in combination, amount to significantly more than the judicial exception (Step 2B: YES).</p>	<p>operations show that the claim is not directed to performing mathematical operations on a computer alone. Rather, the combination of elements impose meaningful limits in that the mathematical operations are applied to improve an existing technology (freight vehicle or freight tracking) by obtaining the location information of the communication device (and thus the vehicle or freight carried by the vehicle) from the location information provider (after obtaining consent) and, in turn, providing continuous, real-time location information to shippers and customers about all shipments in one integrated service. All of these features, especially when viewed in combination, amount to significantly more than the judicial exception (Step 2B: YES).</p>
<p>End</p>	<p>The claim is eligible.</p>	<p>The claim is eligible.</p>

Although independent claims 1, 2, 12 and 23 are not representative of the remaining claims of the present application, the § 101 analysis for the remaining claims is similar. Also, because those remaining claims depend from the independent claims 1, 2, 12 and 23, the dependent claims pass muster under § 101 at least because of the same reasons the independent claims do. To keep this rebuttal concise as requested by the Examiner, applicant does not include the § 101 analysis of the dependent claims here, but would be happy to provide it to the Examiner upon request.

**(2) Plaintiff MacroPoint, LLC's Opposition to Defendant FourKites, Inc.'s Motion to Dismiss First Amended Complaint ("Opposition")**

The Protest stated that the “Opposition is relevant because it demonstrates applicant's interpretation of the scope of applicant's invention is not adequately described and enabled by the specification in violation of 35 U.S.C. § 112.”

The Protest’s statement is legally and factually incorrect.

First, the statement is legally incorrect because, in patent law, there is no such thing as “the scope of applicant's invention” divorced from the claim language. As stated above, an “invention is defined by the claims.” *Phillips*, 415 F.3d at 1312. Thus, a claim’s language determines its scope. *Id.* The Protest’s statement is legally incorrect because it proposes that patentee’s statements in the Opposition regarding some claims apply to applicant’s invention in general, divorced from the claims.

Patentee’s statements in the Opposition apply to the claims at issue in the district court case and not to the claims of the present patent application, which are to be evaluated on their own merits.

In addition, the standards for claim construction are different in district court litigation as compared to examination proceedings at the USPTO. “During patent examination, the pending claims must be ‘given their broadest reasonable interpretation consistent with the specification.’ MPEP 2111; *Phillips v. AWH Corp.*, 415 F.3d 1303, 1316 (Fed. Cir. 2005). At the district court, once the patent has issued, the standard is not the broadest reasonable interpretation but a standard calling for “ordinary and customary meaning’ as understood by a person of ordinary skill in the art in question at the time of the invention.” *Id.* Thus, any interpretation that a district court would give claim terms (or that patentee would ask the court to give to claim terms) is not governed by the same standards that an Examiner at the USPTO would give during examination. The Protest’s statement that the Opposition “demonstrates applicant's interpretation of the scope of applicant's invention is not adequately described and enabled by the specification in violation of 35 U.S.C. § 112” is legally incorrect for at least this reason.

Moreover, MPEP 2111 is clear that:

The Patent and Trademark Office (“PTO”) determines the scope of claims in patent applications not solely on the basis of the claim language, but upon giving claims their broadest reasonable construction “in light of the specification as it would be interpreted by one of ordinary skill in the art.” *In re Am. Acad. of Sci. Tech. Ctr.*, 367 F.3d 1359, 1364[, 70 USPQ2d 1827, 1830] (Fed. Cir. 2004). Indeed, the rules of the PTO require that application claims must “conform to the invention as set forth in the remainder of the specification and the terms and phrases used in the claims must find clear support or antecedent basis in the description so that the meaning of the

terms in the claims may be ascertainable by reference to the description.”  
37 CFR 1.75(d)(1).

Thus, the USPTO determines the meaning of the claims on the basis of the claim language and the specification as interpreted by one of ordinary skill in the art. What applicant may or may not think regarding the meaning of different claims in a different patent does not commonly come into play when determining claim interpretation for the present application at the USPTO. The claims of the present application are adequately supported by the specification of the present application in accordance with 35 U.S.C. § 112.

Finally, regarding the Protest’s complaint that patentee used terms such as “open system” in trying to explain the claimed invention to a layperson judge, applicant is not aware of any authority (and the Protest does not cite any) indicating that using a term that does not appear in the claims or the specification to describe the invention is in violation of § 112, ¶ 1.

**(3) Declaration of Ivan Zatkovich in Support of MacroPoint, LLC's Opposition Brief to Defendant FourKites, Inc.'s Motion to Dismiss First Amended Complaint "Zatkovich")**

The Protest states that “Zatkovich is relevant because it demonstrates applicant's interpretation of the scope of applicant's invention is not adequately described and enabled by the specification in violation of 35 U.S.C. § 112.”

A similar analysis to the analysis above regarding the Opposition applies here. The Protest’s statement of relevancy regarding Zatkovich is legally and factually incorrect because a) it proposes that statements in Zatkovich apply to applicant’s invention in general, divorced from the claims, b) it conflates/confuses the different claim term construction standards at district court and at the USPTO, and c) it conflates/confuses the claims at issue in the district court case with the claims at issue in the present patent application.

Thus, the USPTO determines the meaning of the claims on the basis of the claim language and the specification as interpreted by one of ordinary skill in the art. What applicant may or may not think regarding the meaning of different claims in a different patent does not commonly come into play when determining claim interpretation for the

present application at the USPTO. The claims of the present application are adequately supported by the specification of the present application in accordance with 35 U.S.C. § 112.

**4) Location-enhanced Call Center and IVR Services, Technical Insights About Your Calling Customer's Location ("TechnoCom White Paper"), 2009**

The Protest states that “The TechnoCom White Paper is relevant because it is prior art that anticipates and/or renders obvious the applicant's invention.” The Protest’s statement is legally incorrect. As discussed above, an “invention is defined by the claims.” *Vas-Cath Inc. v. Mahurkar*, 935 F.2d 1555, 1565 (Fed. Cir. 1991). That “the claims of a patent define the invention” is a “bedrock principle” of patent law. *Phillips v. AWH Corp.*, 415 F.3d 1303, 1312 (Fed. Cir. 2005) (en banc). Thus, to state that *any* prior art anticipates and/or renders obvious the applicant's invention in general, divorced from the specific claims, as the Protest has done is legally incorrect.

To specifically “highlight differences between the claims within the present invention and the references cited in the protest,” applicant provides the following.

The TechnoCom White Paper discloses techniques for automatically locating incoming callers to an Interactive Voice Response (IVR) system. See P. 1. The paper, titled “Location-enhanced Call Center and IVR Services, Technical Insights About Your Calling Customer's Location,” briefly discusses how centers may automatically determine location of incoming callers by using one of three sources: 1) manual entry by caller, 2) database look-up (wireline only), and 3) computed wireless location. See P. 3. The TechnoCom White Paper talks generally about privacy considerations, similar to the disclosure regarding privacy that appears in the Background section of the present application.

The reference does not appear to disclose anything regarding a machine or group of machines for monitoring location of at least one of a vehicle or freight carried by the vehicle as in the claims of the present application. The reference does not appear to disclose anything regarding the location information of the mobile device comprising the GPS receiver being received from a location information provider or it being originated

from a device other than the mobile device comprising the GPS receiver itself as recited in the claims.

<u>Claims of the Present Application</u>	<u>TechnoCom White Paper</u>
<p>1. A machine or group of machines for monitoring location of at least one of a vehicle or freight carried by the vehicle, comprising:</p>	<p>The TechnoCom White Paper discloses sources of location according to call origin such as 1) manual entry by caller, 2) database look-up (wireline only), and 3) computed wireless location. See e.g., P. 3. The TechnoCom White Paper does not appear to disclose anything regarding a machine or group of machines for monitoring location of at least one of a vehicle or freight carried by the vehicle.</p>
<p>a mobile device comprising a GPS receiver, a display, a microprocessor and a wireless communication transceiver coupled to the GPS receiver, the mobile device comprising the GPS receiver programmed to receive data sent by a plurality of GPS satellites, calculate location information of the mobile device comprising the GPS receiver and transmit the location information;</p>	
<p>a server comprising a central processing unit, a memory, a clock, and a server communication transceiver that receives the location information of the mobile device comprising the GPS receiver, and the central processing unit programmed to:</p>	<p>The TechnoCom White Paper does not appear to disclose anything regarding a server comprising a central processing unit, a memory, a clock, and a server communication transceiver that receives the location information of the mobile device comprising the GPS receiver</p>
<p>receive a request for information regarding the location of the vehicle or the freight carried by the vehicle;</p>	<p>The TechnoCom White Paper does not appear to disclose anything regarding receiving a request for information regarding the location of the vehicle or the freight carried by the vehicle.</p>
<p>request location information of the mobile device comprising the GPS receiver from a location information provider;</p>	<p>The TechnoCom White Paper does not appear to disclose anything regarding requesting location information of the mobile device comprising the GPS receiver from a location information provider as disclosed in the present application.</p>
<p>receive a signal that indicates that consent was given to transmission of location information;</p>	<p>The TechnoCom White Paper talks generally about privacy considerations on page 7. However, the TechnoCom White</p>



	<p>Paper does not appear to disclose anything specifically about receiving a signal that indicates that consent was given to transmission of location information.</p>
<p>receive from the location information provider location information of the mobile device comprising the GPS receiver, wherein the location information of the mobile device comprising the GPS receiver originated from a device other than the mobile device comprising the GPS receiver itself; and</p>	<p>The TechnoCom White Paper does not appear to disclose anything regarding receiving from the location information provider (as disclosed in the present application) location information of the mobile device comprising the GPS receiver. Particularly, the TechnoCom White Paper does not appear to disclose anything regarding the location information of the mobile device comprising the GPS receiver originated from a device other than the mobile device comprising the GPS receiver itself. The TechnoCom White Paper does not appear to disclose anything other than location of a mobile device being obtained from the mobile device.</p>
<p>estimate the location of the vehicle or the freight carried by the vehicle based at least in part on the location information of the mobile device comprising the GPS receiver; and</p>	<p>The TechnoCom White Paper does not appear to disclose anything regarding estimating the location of the vehicle or the freight carried by the vehicle based at least in part on the location information of the mobile device comprising the GPS receiver.</p>
<p>communicate the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle.</p>	<p>The TechnoCom White Paper does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle.</p>
<p>2. A machine or group of machines for monitoring location of at least one of a vehicle or freight carried by the vehicle, comprising:</p>	<p>The TechnoCom White Paper discloses sources of location according to call origin such as 1) manual entry by caller, 2) database look-up (wireline only), and 3) computed wireless location. See e.g., P. 3. The TechnoCom White Paper does not appear to disclose anything regarding a machine or group of machines for monitoring location of at least one of a</p>

	vehicle or freight carried by the vehicle.
a server comprising a central processing unit, a memory, a clock, and a server communication transceiver that receives location information of a mobile device, the mobile device comprising a GPS receiver, a microprocessor and a wireless communication transceiver coupled to the GPS receiver, the mobile device comprising the GPS receiver programmed to receive data sent by a plurality of GPS satellites, calculate location information of the mobile device comprising the GPS receiver and transmit the location information, the central processing unit programmed to:	The TechnoCom White Paper does not appear to disclose anything regarding a server comprising a central processing unit, a memory, a clock, and a server communication transceiver that receives location information of a mobile device, the mobile device comprising a GPS receiver, a microprocessor and a wireless communication transceiver coupled to the GPS receiver, the mobile device comprising the GPS receiver programmed to receive data sent by a plurality of GPS satellites, calculate location information of the mobile device comprising the GPS receiver and transmit the location information.
receive a request for information regarding the location of the vehicle or the freight carried by the vehicle;	The TechnoCom White Paper does not appear to disclose anything regarding receiving a request for information regarding the location of the vehicle or the freight carried by the vehicle.
request location information of the mobile device comprising the GPS receiver from a location information provider;	The TechnoCom White Paper does not appear to disclose anything regarding requesting location information of the mobile device comprising the GPS receiver from a location information provider as disclosed in the present application.
receive a signal that indicates that consent was given to transmission of location information;	The TechnoCom White Paper talks generally about privacy considerations on page 7. However, the TechnoCom White Paper does not appear to disclose anything specifically about receiving a signal that indicates that consent was given to transmission of location information.
receive from the location information provider location information of the mobile device comprising the GPS receiver, wherein the location information of the mobile device comprising the GPS receiver originated from a device other than the mobile device comprising the GPS receiver itself; and	The TechnoCom White Paper does not appear to disclose anything regarding receiving from the location information provider (as disclosed in the present application) location information of the mobile device comprising the GPS receiver. Particularly, TechnoCom White Paper does not appear to disclose anything regarding the location

	information of the mobile device comprising the GPS receiver originated from a device other than the mobile device comprising the GPS receiver itself. The TechnoCom White Paper does not appear to disclose anything other than location of a mobile device being obtained from the mobile device.
estimate the location of the vehicle or the freight carried by the vehicle based at least in part on the location information of the mobile device comprising the GPS receiver; and	The TechnoCom White Paper does not appear to disclose anything regarding estimating the location of the vehicle or the freight carried by the vehicle based at least in part on the location information of the mobile device comprising the GPS receiver.
communicate the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle.	The TechnoCom White Paper does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle.
3. The machine or group of machines of claim 2, wherein the central processing unit is programmed to estimate the location of the vehicle or the freight carried by the vehicle based at least in part on a vehicle reference number or a freight reference number associated with the mobile device comprising the GPS receiver.	The TechnoCom White Paper does not appear to disclose anything regarding the central processing unit is programmed to estimate the location of the vehicle or the freight carried by the vehicle based at least in part on a vehicle reference number or a freight reference number associated with the mobile device comprising the GPS receiver.
4. The machine or group of machines of claim 2, wherein the location information provider corresponds to at least one of:	The TechnoCom White Paper does not appear to disclose anything other than location of a mobile device being obtained from the mobile device.
a wireless service provider providing wireless service to the mobile device comprising the GPS receiver,	The TechnoCom White Paper does not appear to disclose anything regarding a location information provider corresponding to a wireless service provider providing wireless service to the mobile device comprising the GPS receiver.
a third party that obtains the location information of the mobile device comprising	The TechnoCom White Paper does not appear to disclose anything regarding a

<p>the GPS receiver from the wireless service provider providing wireless service to the mobile device comprising the GPS receiver, and</p>	<p>location information provider corresponding to a third party that obtains the location information of the mobile device comprising the GPS receiver from the wireless service provider providing wireless service to the mobile device comprising the GPS receiver.</p>
<p>a party that has access to the location information of the mobile device comprising the GPS receiver but is other than the wireless service provider or the third party that obtains the location information of the mobile device comprising the GPS receiver from the wireless service provider.</p>	<p>The TechnoCom White Paper does not appear to disclose anything regarding a location information provider corresponding to a party that has access to the location information of the mobile device comprising the GPS receiver but is other than the wireless service provider or the third party that obtains the location information of the mobile device comprising the GPS receiver from the wireless service provider.</p>
<p>5. The machine or group of machines of claim 2, wherein the central processing unit is programmed to communicate the location of the vehicle or the freight carried by the vehicle to cause the representation of the location of the vehicle or the freight carried by the vehicle by one of:</p>	<p>The TechnoCom White Paper does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle.</p>
<p>exposing an application programming interface (API) from which the location of the at least one of the vehicle or the freight carried by the vehicle is obtained, or</p>	<p>The TechnoCom White Paper does not appear to disclose anything regarding exposing an application programming interface (API) from which the location of the at least one of the vehicle or the freight carried by the vehicle is obtained.</p>
<p>interfacing with an exposed application programming interface (API) through which the location of the at least one of the vehicle or the freight carried by the vehicle is transmitted.</p>	<p>The TechnoCom White Paper does not appear to disclose anything regarding interfacing with an exposed application programming interface (API) through which the location of the at least one of the vehicle or the freight carried by the vehicle is transmitted.</p>
<p>6. The machine or group of machines of claim 2, wherein the central processing unit is programmed to communicate the location of the vehicle or the freight carried by the vehicle to cause the representation of the location of the vehicle or the freight carried</p>	<p>The TechnoCom White Paper does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the</p>

<p>by the vehicle to a device associated with one of:</p>	<p>vehicle.</p>
<p>a freight service provider,</p>	<p>The TechnoCom White Paper does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle to a device associated with a freight service provider.</p>
<p>a party to whom the freight service provider provides freight services, and</p>	<p>The TechnoCom White Paper does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle to a device associated with a party to whom the freight service provider provides freight services.</p>
<p>a party that provides location information services to the freight service provider or to the party to whom the freight service provider provides freight services.</p>	<p>The TechnoCom White Paper does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle to a device associated with a party that provides location information services to the freight service provider or to the party to whom the freight service provider provides freight services.</p>
<p>7. The machine or group of machines of claim 2, wherein the central processing unit receiving from the location information provider location information of the mobile device comprising the GPS receiver is the signal that indicates that consent was given to transmission of location information of the mobile device comprising the GPS receiver.</p>	<p>The TechnoCom White Paper does not appear to disclose anything regarding the central processing unit receiving from the location information provider location information of the mobile device comprising the GPS receiver being the signal that indicates that consent was given to transmission of location information of the mobile device comprising the GPS receiver.</p>
<p>8. The machine or group of machines of claim 2, wherein the central processing unit is programmed to communicate the location of the vehicle or the freight carried by the</p>	<p>The TechnoCom White Paper does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to</p>

<p>vehicle to cause the representation of the location of the vehicle or the freight carried by the vehicle by causing display of a visual representation of the location of the vehicle or the freight carried by the vehicle on a remote device's user interface by displaying the location of the vehicle or the freight carried by the vehicle as a) latitude and longitude coordinates, b) city/state, or c) a map that includes a mark indicating the location of the vehicle on the map.</p>	<p>cause a representation of the location of the vehicle or the freight carried by the vehicle. More specifically, the TechnoCom White Paper does not appear to disclose anything regarding causing display of a visual representation of the location of the vehicle or the freight carried by the vehicle on a remote device's user interface by displaying the location of the vehicle or the freight carried by the vehicle as a) latitude and longitude coordinates, b) city/state, or c) a map that includes a mark indicating the location of the vehicle on the map.</p>
<p></p>	<p></p>
<p>12. A machine or group of machines for monitoring location of at least one of a vehicle or freight carried by the vehicle, comprising:</p>	<p>The TechnoCom White Paper discloses sources of location according to call origin such as 1) manual entry by caller, 2) database look-up (wireline only), and 3) computed wireless location. See e.g., P. 3. The TechnoCom White Paper does not appear to disclose anything regarding a machine or group of machines for monitoring location of at least one of a vehicle or freight carried by the vehicle.</p>
<p>a server comprising a central processing unit, a memory, a clock, and a server communication transceiver that receives location information of a mobile device, the mobile device comprising a GPS receiver, a microprocessor and a wireless communication transceiver coupled to the GPS receiver, the mobile device comprising the GPS receiver programmed to receive data sent by a plurality of GPS satellites, calculate location information of the mobile device comprising the GPS receiver and transmit the location information, the central processing unit programmed to:</p>	<p>The TechnoCom White Paper does not appear to disclose anything regarding a server comprising a central processing unit, a memory, a clock, and a server communication transceiver that receives location information of a mobile device, the mobile device comprising a GPS receiver, a microprocessor and a wireless communication transceiver coupled to the GPS receiver, the mobile device comprising the GPS receiver programmed to receive data sent by a plurality of GPS satellites, calculate location information of the mobile device comprising the GPS receiver and transmit the location information.</p>
<p>determine whether consent was given to transmit location information of the mobile device comprising the GPS receiver;</p>	<p>The TechnoCom White Paper talks generally about privacy considerations on page 7.</p>
<p>estimate the location of the at least one of</p>	<p>The TechnoCom White Paper does not</p>

<p>the vehicle or the freight carried by the vehicle based on the location information of the mobile device comprising the GPS receiver;</p>	<p>appear to disclose anything regarding estimating the location of the vehicle or the freight carried by the vehicle based at least in part on the location information of the mobile device comprising the GPS receiver.</p>
<p>receive a request for information regarding the location of the at least one of the vehicle or the freight carried by the vehicle;</p>	<p>The TechnoCom White Paper does not appear to disclose anything regarding receiving a request for information regarding the location of the vehicle or the freight carried by the vehicle.</p>
<p>request location information of the mobile device comprising a GPS receiver from a location information provider corresponding to a device other than the mobile device comprising the GPS receiver;</p>	<p>The TechnoCom White Paper does not appear to disclose anything regarding requesting location information of the mobile device comprising a GPS receiver from a location information provider (as disclosed in the present application). Particularly, the TechnoCom White Paper does not appear to disclose anything regarding requesting location information of the mobile device comprising a GPS receiver from a location information provider corresponding to a device other than the mobile device comprising the GPS receiver.</p>
<p>receive from the location information provider the location information of the mobile device comprising the GPS receiver; and</p>	<p>The TechnoCom White Paper does not appear to disclose anything regarding receiving from the location information provider (as disclosed in the present application) location information of the mobile device comprising the GPS receiver.</p>
<p>communicate the location of the at least one of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle by a remote device.</p>	<p>The TechnoCom White Paper does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle.</p>
<p></p>	<p></p>
<p>13. The machine or group of machines of claim 12, wherein the location information provider corresponds to at least one of:</p>	<p>The TechnoCom White Paper does not appear to disclose anything other than location of a mobile device being obtained from the mobile device.</p>
<p>a wireless service provider providing wireless service to the mobile device</p>	<p>The TechnoCom White Paper does not appear to disclose anything regarding a</p>

<p>comprising the GPS receiver,</p>	<p>location information provider corresponding to a wireless service provider providing wireless service to the mobile device comprising the GPS receiver.</p>
<p>a third party that obtains the location information of the mobile device comprising the GPS receiver from the wireless service provider providing wireless service to the mobile device comprising the GPS receiver, and</p>	<p>The TechnoCom White Paper does not appear to disclose anything regarding a location information provider corresponding to a third party that obtains the location information of the mobile device comprising the GPS receiver from the wireless service provider providing wireless service to the mobile device comprising the GPS receiver.</p>
<p>a party that has access to the location information of the mobile device comprising the GPS receiver but is other than the wireless service provider or the third party that obtains the location information of the mobile device comprising the GPS receiver from the wireless service provider.</p>	<p>The TechnoCom White Paper does not appear to disclose anything regarding a location information provider corresponding to a party that has access to the location information of the mobile device comprising the GPS receiver but is other than the wireless service provider or the third party that obtains the location information of the mobile device comprising the GPS receiver from the wireless service provider.</p>
<p>17. The machine or group of machines of claim 12, wherein the central processing unit is programmed to communicate the location of the vehicle or the freight carried by the vehicle to cause the representation of the location of the vehicle or the freight carried by the vehicle by one of:</p>	<p>The TechnoCom White Paper does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle.</p>
<p>exposing an application programming interface (API) from which the location of the at least one of the vehicle or the freight carried by the vehicle is obtained, or</p>	<p>The TechnoCom White Paper does not appear to disclose anything regarding exposing an application programming interface (API) from which the location of the at least one of the vehicle or the freight carried by the vehicle is obtained.</p>
<p>interfacing with an exposed application programming interface (API) through which the location of the at least one of the vehicle or the freight carried by the vehicle is transmitted.</p>	<p>The TechnoCom White Paper does not appear to disclose anything regarding interfacing with an exposed application programming interface (API) through which the location of the at least one of the vehicle or the freight carried by the vehicle is transmitted.</p>



<p>18. The machine or group of machines of claim 12, wherein the request for information regarding the location of the at least one of the vehicle or the freight carried by the vehicle is received from a device associated with:</p>	<p>The TechnoCom White Paper does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle.</p>
<p>a freight service provider,</p>	<p>The TechnoCom White Paper does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle to a device associated with a freight service provider.</p>
<p>a party to whom the freight service provider provides freight services, or</p>	<p>The TechnoCom White Paper does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle to a device associated with a party to whom the freight service provider provides freight services.</p>
<p>a party that provides location information services to the freight service provider or to the party to whom the freight service provider provides freight services.</p>	<p>The TechnoCom White Paper does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle to a device associated with a party that provides location information services to the freight service provider or to the party to whom the freight service provider provides freight services.</p>
<p>19. The machine or group of machines of claim 12, wherein the central processing unit is programmed to communicate the location of the vehicle or the freight carried by the vehicle to cause the representation of the location of the vehicle or the freight carried by the vehicle by causing display of a visual representation of the location of the vehicle or the freight carried by the vehicle</p>	<p>The TechnoCom White Paper does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle. More specifically, the TechnoCom White Paper does not appear to disclose</p>

<p>on the remote device's user interface by displaying the location of the vehicle or the freight carried by the vehicle as latitude and longitude coordinates.</p>	<p>anything regarding causing display of a visual representation of the location of the vehicle or the freight carried by the vehicle on a remote device's user interface by displaying the location of the vehicle or the freight carried by the vehicle as latitude and longitude coordinates.</p>
<p>20. The machine or group of machines of claim 12, wherein the central processing unit is programmed to communicate the location of the vehicle or the freight carried by the vehicle to cause the representation of the location of the vehicle or the freight carried by the vehicle by causing display of a visual representation of the location of the vehicle or the freight carried by the vehicle on the remote device's user interface by displaying the location of the vehicle or the freight carried by the vehicle as city/state.</p>	<p>The TechnoCom White Paper does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle. More specifically, the TechnoCom White Paper does not appear to disclose anything regarding causing display of a visual representation of the location of the vehicle or the freight carried by the vehicle on a remote device's user interface by displaying the location of the vehicle or the freight carried by the vehicle as city/state.</p>
<p>21. The machine or group of machines of claim 12, wherein the central processing unit is programmed to communicate the location of the vehicle or the freight carried by the vehicle to cause the representation of the location of the vehicle or the freight carried by the vehicle by causing display of a visual representation of the location of the vehicle or the freight carried by the vehicle on the remote device's user interface by displaying a map that includes a mark indicating the location of the vehicle on the map.</p>	<p>The TechnoCom White Paper does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle. More specifically, the TechnoCom White Paper does not appear to disclose anything regarding causing display of a visual representation of the location of the vehicle or the freight carried by the vehicle on a remote device's user interface by displaying the location of the vehicle or the freight carried by the vehicle as a map that includes a mark indicating the location of the vehicle on the map.</p>
<p>22. The machine or group of machines of</p>	<p>The TechnoCom White Paper does not</p>

<p>claim 12, wherein the central processing unit receiving from the location information provider location information of the mobile device comprising the GPS receiver serves to determine whether consent was given to transmit location information of a mobile device comprising the GPS receiver.</p>	<p>appear to disclose anything regarding the central processing unit receiving from the location information provider location information of the mobile device comprising the GPS receiver serving to determine whether consent was given to transmit location information of a mobile device comprising the GPS receiver.</p>
<p>23. A machine or group of machines for monitoring location of at least one of a vehicle or freight carried by the vehicle, the machine or group of machines comprising:</p>	<p>The TechnoCom White Paper discloses sources of location according to call origin such as 1) manual entry by caller, 2) database look-up (wireline only), and 3) computed wireless location. See e.g., P. 3. The TechnoCom White Paper does not appear to disclose anything regarding a machine or group of machines for monitoring location of at least one of a vehicle or freight carried by the vehicle.</p>
<p>a server comprising a central processing unit, a memory, a clock, and a server communication transceiver that receives location information of a mobile device, the mobile device comprising a GPS receiver, a microprocessor and a wireless communication transceiver coupled to the GPS receiver, the mobile device comprising the GPS receiver programmed to receive data sent by a plurality of GPS satellites, calculate location information of the mobile device comprising the GPS receiver and transmit the location information, the central processing unit programmed to:</p>	<p>The TechnoCom White Paper does not appear to disclose anything regarding a server comprising a central processing unit, a memory, a clock, and a server communication transceiver that receives location information of a mobile device, the mobile device comprising a GPS receiver, a microprocessor and a wireless communication transceiver coupled to the GPS receiver, the mobile device comprising the GPS receiver programmed to receive data sent by a plurality of GPS satellites, calculate location information of the mobile device comprising the GPS receiver and transmit the location information.</p>
<p>receive a request for information regarding the location of the vehicle or the freight carried by the vehicle, and</p>	<p>The TechnoCom White Paper does not appear to disclose anything regarding receiving a request for information regarding the location of the vehicle or the freight carried by the vehicle.</p>
<p>request location information of the vehicle or the freight carried by the vehicle from a location information provider;</p>	<p>The TechnoCom White Paper does not appear to disclose anything regarding requesting location information of the mobile device comprising the GPS receiver from a location information provider as disclosed in the present</p>

	application.
receive an indication that consent to transmission of location information has been given; and	The TechnoCom White Paper talks generally about privacy considerations on page 7. However, the TechnoCom White Paper does not appear to disclose anything specifically about receiving an indication that consent was given to transmission of location information.
receive location information of the vehicle or the freight carried by the vehicle from the location information provider;	The TechnoCom White Paper does not appear to disclose anything regarding receiving location information of the vehicle or the freight carried by the vehicle from the location information provider.
estimate the location of the vehicle or the freight carried by the vehicle from the location information received from the location information provider;	The TechnoCom White Paper does not appear to disclose anything regarding estimating the location of the vehicle or the freight carried by the vehicle from the location information received from the location information provider.
communicate the location of the vehicle or the freight carried by the vehicle.	The TechnoCom White Paper does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle.
24. The machine or group of machines of claim 23, wherein the location of the vehicle or the freight carried is estimated based on a vehicle reference number or a freight reference number associated with the mobile device comprising the GPS receiver.	The TechnoCom White Paper does not appear to disclose anything regarding the central processing unit is programmed to estimate the location of the vehicle or the freight carried by the vehicle based at least in part on a vehicle reference number or a freight reference number associated with the mobile device comprising the GPS receiver.
25. The machine or group of machines of claim 23, wherein the location information provider corresponds to a device associated with at least one of:	The TechnoCom White Paper does not appear to disclose anything other than location of a mobile device being obtained from the mobile device.
a wireless service provider providing wireless service to the mobile device comprising the GPS receiver,	The TechnoCom White Paper does not appear to disclose anything regarding a location information provider corresponding to a wireless service provider providing wireless service to the mobile device comprising the GPS receiver.

<p>a third party that obtains the location information of the mobile device comprising the GPS receiver from the wireless service provider providing wireless service to the mobile device comprising the GPS receiver, and</p>	<p>The TechnoCom White Paper does not appear to disclose anything regarding a location information provider corresponding to a third party that obtains the location information of the mobile device comprising the GPS receiver from the wireless service provider providing wireless service to the mobile device comprising the GPS receiver.</p>
<p>a party that has access to the location information of the mobile device comprising the GPS receiver but is other than the wireless service provider or the third party that obtains the location information of the mobile device comprising the GPS receiver from the wireless service provider.</p>	<p>The TechnoCom White Paper does not appear to disclose anything regarding a location information provider corresponding to a party that has access to the location information of the mobile device comprising the GPS receiver but is other than the wireless service provider or the third party that obtains the location information of the mobile device comprising the GPS receiver from the wireless service provider.</p>
<p>26. The machine or group of machines of claim 23, wherein the wherein the central processing unit is programmed to communicate the location of the vehicle or the freight carried by the vehicle by one of:</p>	<p>The TechnoCom White Paper does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle.</p>
<p>exposing an application programming interface (API) from which the location of the at least one of the vehicle or the freight carried by the vehicle is obtained, or</p>	<p>The TechnoCom White Paper does not appear to disclose anything regarding exposing an application programming interface (API) from which the location of the at least one of the vehicle or the freight carried by the vehicle is obtained.</p>
<p>interfacing with an exposed application programming interface (API) through which the location of the at least one of the vehicle or the freight carried by the vehicle is transmitted.</p>	<p>The TechnoCom White Paper does not appear to disclose anything regarding interfacing with an exposed application programming interface (API) through which the location of the at least one of the vehicle or the freight carried by the vehicle is transmitted.</p>
<p>27. The machine or group of machines of claim 23, wherein the central processing unit is programmed to communicate the location of the vehicle or the freight carried</p>	<p>The TechnoCom White Paper does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to</p>

<p>by the vehicle to one or more of:</p>	<p>cause a representation of the location of the vehicle or the freight carried by the vehicle.</p>
<p>a freight service provider,</p>	<p>The TechnoCom White Paper does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle to a device associated with a freight service provider.</p>
<p>a party to whom the freight service provider provides freight services, and</p>	<p>The TechnoCom White Paper does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle to a device associated with a party to whom the freight service provider provides freight services.</p>
<p>a party that provides location information services to the freight service provider or to the party to whom the freight service provider provides freight services.</p>	<p>The TechnoCom White Paper does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle to a device associated with a party that provides location information services to the freight service provider or to the party to whom the freight service provider provides freight services.</p>
<p>28. The machine or group of machines of claim 23, wherein the central processing unit receiving from the location information provider location information of the mobile device comprising the GPS receiver is the indication that consent to transmission of location information of the mobile device comprising the GPS receiver has been given.</p>	<p>The TechnoCom White Paper does not appear to disclose anything regarding the central processing unit receiving from the location information provider location information of the mobile device comprising the GPS receiver being the indication that consent to transmission of location information of the mobile device comprising the GPS receiver has been given.</p>

**(5) U.S. Patent No. 8,301,158 ("Thomas")**

The Protest states that “Thomas is relevant because it is prior art that anticipates and/or renders obvious the applicant's invention.” The Protest’s statement is incorrect because, as discussed above, an “invention is defined by the claims.” *Vas-Cath Inc.*, 935 F.2d at 1565. Thus, to state that *any* prior art anticipates and/or renders obvious the applicant's invention in general, divorced from the specific claims, as the Protest has done is legally incorrect.

To specifically “highlight differences between the claims within the present invention and the references cited in the protest,” applicant provides the following.

Thomas is directed to location tracking of computing or communication devices (Thomas, 1:20-23) and providing notifications as to those devices (Thomas, 7:14-37). Thomas describes a location monitoring system that manages location information pertaining to a plurality of mobile units that are attached to objects such as people, vehicles, or containers. (Thomas, 3:68-4:2). A wireless network enables the mobile units to communicate with a location monitor server and the wireless network is coupled to the Internet. Location information associated with the mobile units is delivered to the location monitoring server through the wireless network and the Internet. (Thomas, 4:6-9). Thomas further describes sending notifications of the location of the mobile units. Based on the location of the mobile communication device, various notifications can be initiated including an alert of a predetermined location, an alert of an unauthorized region, an alert of a change in location, and others. The notification can be sent through an email message, an instant response web-based message, through a web page, a telephone message, and others. (Thomas, 7:14-37).

The reference does not appear to disclose anything regarding the location information of the mobile device being obtained from a location information provider or it being originated from a device other than the mobile device comprising the GPS receiver itself as recited in the claims. Also, the reference does not appear to disclose anything specifically about receiving a signal that indicates that consent was given to transmission of location information.

<u>Claims of the Present Application</u>	<u>Thomas</u>
1. A machine or group of machines for monitoring location of at least one of a vehicle or freight carried by the vehicle, comprising:	
a mobile device comprising a GPS receiver, a display, a microprocessor and a wireless communication transceiver coupled to the GPS receiver, the mobile device comprising the GPS receiver programmed to receive data sent by a plurality of GPS satellites, calculate location information of the mobile device comprising the GPS receiver and transmit the location information;	
a server comprising a central processing unit, a memory, a clock, and a server communication transceiver that receives the location information of the mobile device comprising the GPS receiver, and the central processing unit programmed to:	
receive a request for information regarding the location of the vehicle or the freight carried by the vehicle;	
request location information of the mobile device comprising the GPS receiver from a location information provider;	Thomas does not appear to disclose anything regarding requesting location information of the mobile device comprising the GPS receiver from a location information provider as disclosed in the present application.
receive a signal that indicates that consent was given to transmission of location information;	Thomas does not appear to disclose anything specifically about receiving a signal that indicates that consent was given to transmission of location information.
receive from the location information provider location information of the mobile device comprising the GPS receiver, wherein the location information of the mobile device comprising the GPS receiver originated from a device other than the mobile device comprising the GPS receiver itself; and	Thomas does not appear to disclose anything regarding receiving from the location information provider (as disclosed in the present application) location information of the mobile device comprising the GPS receiver. Particularly, Thomas does not appear to disclose anything regarding the location information of the mobile device comprising the GPS receiver originated from a device other than the mobile



	device comprising the GPS receiver itself.
estimate the location of the vehicle or the freight carried by the vehicle based at least in part on the location information of the mobile device comprising the GPS receiver; and	Thomas does not appear to disclose anything regarding estimating the location of the vehicle or the freight carried by the vehicle based at least in part on the location information of the mobile device comprising the GPS receiver.
communicate the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle.	Thomas does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle.
2. A machine or group of machines for monitoring location of at least one of a vehicle or freight carried by the vehicle, comprising:	
a server comprising a central processing unit, a memory, a clock, and a server communication transceiver that receives location information of a mobile device, the mobile device comprising a GPS receiver, a microprocessor and a wireless communication transceiver coupled to the GPS receiver, the mobile device comprising the GPS receiver programmed to receive data sent by a plurality of GPS satellites, calculate location information of the mobile device comprising the GPS receiver and transmit the location information, the central processing unit programmed to:	
receive a request for information regarding the location of the vehicle or the freight carried by the vehicle;	
request location information of the mobile device comprising the GPS receiver from a location information provider;	Thomas does not appear to disclose anything regarding requesting location information of the mobile device comprising the GPS receiver from a location information provider as disclosed in the present application.
receive a signal that indicates that consent was given to transmission of location information;	Thomas does not appear to disclose anything specifically about receiving a signal that indicates that consent was

	given to transmission of location information.
receive from the location information provider location information of the mobile device comprising the GPS receiver, wherein the location information of the mobile device comprising the GPS receiver originated from a device other than the mobile device comprising the GPS receiver itself; and	Thomas does not appear to disclose anything regarding receiving from the location information provider (as disclosed in the present application) location information of the mobile device comprising the GPS receiver. Particularly, Thomas does not appear to disclose anything regarding the location information of the mobile device comprising the GPS receiver originated from a device other than the mobile device comprising the GPS receiver itself.
estimate the location of the vehicle or the freight carried by the vehicle based at least in part on the location information of the mobile device comprising the GPS receiver; and	Thomas does not appear to disclose anything regarding estimating the location of the vehicle or the freight carried by the vehicle based at least in part on the location information of the mobile device comprising the GPS receiver.
communicate the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle.	Thomas does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle.
3. The machine or group of machines of claim 2, wherein the central processing unit is programmed to estimate the location of the vehicle or the freight carried by the vehicle based at least in part on a vehicle reference number or a freight reference number associated with the mobile device comprising the GPS receiver.	Thomas does not appear to disclose anything regarding the central processing unit is programmed to estimate the location of the vehicle or the freight carried by the vehicle based at least in part on a vehicle reference number or a freight reference number associated with the mobile device comprising the GPS receiver.
4. The machine or group of machines of claim 2, wherein the location information provider corresponds to at least one of:	
a wireless service provider providing wireless service to the mobile device comprising the GPS receiver,	
a third party that obtains the location	Thomas does not appear to disclose

<p>information of the mobile device comprising the GPS receiver from the wireless service provider providing wireless service to the mobile device comprising the GPS receiver, and</p>	<p>anything regarding a location information provider corresponding to a third party that obtains the location information of the mobile device comprising the GPS receiver from the wireless service provider providing wireless service to the mobile device comprising the GPS receiver.</p>
<p>a party that has access to the location information of the mobile device comprising the GPS receiver but is other than the wireless service provider or the third party that obtains the location information of the mobile device comprising the GPS receiver from the wireless service provider.</p>	<p>Thomas does not appear to disclose anything regarding a location information provider corresponding to a party that has access to the location information of the mobile device comprising the GPS receiver but is other than the wireless service provider or the third party that obtains the location information of the mobile device comprising the GPS receiver from the wireless service provider.</p>
<p>5. The machine or group of machines of claim 2, wherein the central processing unit is programmed to communicate the location of the vehicle or the freight carried by the vehicle to cause the representation of the location of the vehicle or the freight carried by the vehicle by one of:</p>	<p>Thomas does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle.</p>
<p>exposing an application programming interface (API) from which the location of the at least one of the vehicle or the freight carried by the vehicle is obtained, or</p>	<p>Thomas does not appear to disclose anything regarding exposing an application programming interface (API) from which the location of the at least one of the vehicle or the freight carried by the vehicle is obtained.</p>
<p>interfacing with an exposed application programming interface (API) through which the location of the at least one of the vehicle or the freight carried by the vehicle is transmitted.</p>	<p>Thomas does not appear to disclose anything regarding interfacing with an exposed application programming interface (API) through which the location of the at least one of the vehicle or the freight carried by the vehicle is transmitted.</p>
<p>6. The machine or group of machines of claim 2, wherein the central processing unit is programmed to communicate the location of the vehicle or the freight carried by the vehicle to cause the representation of the</p>	<p>Thomas does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the</p>

<p>location of the vehicle or the freight carried by the vehicle to a device associated with one of:</p>	<p>vehicle or the freight carried by the vehicle.</p>
<p>a freight service provider,</p>	<p>Thomas does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle to a device associated with a freight service provider.</p>
<p>a party to whom the freight service provider provides freight services, and</p>	<p>Thomas does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle to a device associated with a party to whom the freight service provider provides freight services.</p>
<p>a party that provides location information services to the freight service provider or to the party to whom the freight service provider provides freight services.</p>	<p>Thomas does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle to a device associated with a party that provides location information services to the freight service provider or to the party to whom the freight service provider provides freight services.</p>
<p>7. The machine or group of machines of claim 2, wherein the central processing unit receiving from the location information provider location information of the mobile device comprising the GPS receiver is the signal that indicates that consent was given to transmission of location information of the mobile device comprising the GPS receiver.</p>	<p>Thomas does not appear to disclose anything regarding the central processing unit receiving from the location information provider location information of the mobile device comprising the GPS receiver being the signal that indicates that consent was given to transmission of location information of the mobile device comprising the GPS receiver.</p>
<p>8. The machine or group of machines of claim 2, wherein the central processing unit is programmed to communicate the location of the vehicle or the freight carried by the</p>	<p>Thomas does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a</p>

<p>vehicle to cause the representation of the location of the vehicle or the freight carried by the vehicle by causing display of a visual representation of the location of the vehicle or the freight carried by the vehicle on a remote device's user interface by displaying the location of the vehicle or the freight carried by the vehicle as a) latitude and longitude coordinates, b) city/state, or c) a map that includes a mark indicating the location of the vehicle on the map.</p>	<p>representation of the location of the vehicle or the freight carried by the vehicle. More specifically, Thomas does not appear to disclose anything regarding causing display of a visual representation of the location of the vehicle or the freight carried by the vehicle on a remote device's user interface by displaying the location of the vehicle or the freight carried by the vehicle as a) latitude and longitude coordinates, b) city/state, or c) a map that includes a mark indicating the location of the vehicle on the map.</p>
<p>12. A machine or group of machines for monitoring location of at least one of a vehicle or freight carried by the vehicle, comprising:</p>	
<p>a server comprising a central processing unit, a memory, a clock, and a server communication transceiver that receives location information of a mobile device, the mobile device comprising a GPS receiver, a microprocessor and a wireless communication transceiver coupled to the GPS receiver, the mobile device comprising the GPS receiver programmed to receive data sent by a plurality of GPS satellites, calculate location information of the mobile device comprising the GPS receiver and transmit the location information, the central processing unit programmed to:</p>	
<p>determine whether consent was given to transmit location information of the mobile device comprising the GPS receiver;</p>	<p>Thomas does not appear to disclose anything specifically about receiving a signal that indicates that consent was given to transmission of location information.</p>
<p>estimate the location of the at least one of the vehicle or the freight carried by the vehicle based on the location information of the mobile device comprising the GPS receiver;</p>	<p>Thomas does not appear to disclose anything regarding estimating the location of the vehicle or the freight carried by the vehicle based at least in part on the location information of the mobile device comprising the GPS receiver.</p>
<p>receive a request for information regarding</p>	

the location of the at least one of the vehicle or the freight carried by the vehicle;	
request location information of the mobile device comprising a GPS receiver from a location information provider corresponding to a device other than the mobile device comprising the GPS receiver;	Thomas does not appear to disclose anything regarding requesting location information of the mobile device comprising a GPS receiver from a location information provider (as disclosed in the present application). Particularly, Thomas does not appear to disclose anything regarding requesting location information of the mobile device comprising a GPS receiver from a location information provider corresponding to a device other than the mobile device comprising the GPS receiver.
receive from the location information provider the location information of the mobile device comprising the GPS receiver; and	Thomas does not appear to disclose anything regarding receiving from the location information provider (as disclosed in the present application) location information of the mobile device comprising the GPS receiver.
communicate the location of the at least one of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle by a remote device.	Thomas does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle.
13. The machine or group of machines of claim 12, wherein the location information provider corresponds to at least one of:	
a wireless service provider providing wireless service to the mobile device comprising the GPS receiver,	
a third party that obtains the location information of the mobile device comprising the GPS receiver from the wireless service provider providing wireless service to the mobile device comprising the GPS receiver, and	Thomas does not appear to disclose anything regarding a location information provider corresponding to a third party that obtains the location information of the mobile device comprising the GPS receiver from the wireless service provider providing wireless service to the mobile device comprising the GPS receiver.
a party that has access to the location	Thomas does not appear to disclose

<p>information of the mobile device comprising the GPS receiver but is other than the wireless service provider or the third party that obtains the location information of the mobile device comprising the GPS receiver from the wireless service provider.</p>	<p>anything regarding a location information provider corresponding to a party that has access to the location information of the mobile device comprising the GPS receiver but is other than the wireless service provider or the third party that obtains the location information of the mobile device comprising the GPS receiver from the wireless service provider.</p>
<p>17. The machine or group of machines of claim 12, wherein the central processing unit is programmed to communicate the location of the vehicle or the freight carried by the vehicle to cause the representation of the location of the vehicle or the freight carried by the vehicle by one of:</p>	<p>Thomas does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle.</p>
<p>exposing an application programming interface (API) from which the location of the at least one of the vehicle or the freight carried by the vehicle is obtained, or</p>	<p>Thomas does not appear to disclose anything regarding exposing an application programming interface (API) from which the location of the at least one of the vehicle or the freight carried by the vehicle is obtained.</p>
<p>interfacing with an exposed application programming interface (API) through which the location of the at least one of the vehicle or the freight carried by the vehicle is transmitted.</p>	<p>Thomas does not appear to disclose anything regarding interfacing with an exposed application programming interface (API) through which the location of the at least one of the vehicle or the freight carried by the vehicle is transmitted.</p>
<p>18. The machine or group of machines of claim 12, wherein the request for information regarding the location of the at least one of the vehicle or the freight carried by the vehicle is received from a device associated with:</p>	<p>Thomas does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle.</p>
<p>a freight service provider,</p>	<p>Thomas does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle to a device associated with a</p>

	freight service provider.
a party to whom the freight service provider provides freight services, or	Thomas does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle to a device associated with a party to whom the freight service provider provides freight services.
a party that provides location information services to the freight service provider or to the party to whom the freight service provider provides freight services.	Thomas does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle to a device associated with a party that provides location information services to the freight service provider or to the party to whom the freight service provider provides freight services.
19. The machine or group of machines of claim 12, wherein the central processing unit is programmed to communicate the location of the vehicle or the freight carried by the vehicle to cause the representation of the location of the vehicle or the freight carried by the vehicle by causing display of a visual representation of the location of the vehicle or the freight carried by the vehicle on the remote device's user interface by displaying the location of the vehicle or the freight carried by the vehicle as latitude and longitude coordinates.	Thomas does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle. More specifically, Thomas does not appear to disclose anything regarding causing display of a visual representation of the location of the vehicle or the freight carried by the vehicle on a remote device's user interface by displaying the location of the vehicle or the freight carried by the vehicle as latitude and longitude coordinates.
20. The machine or group of machines of claim 12, wherein the central processing unit is programmed to communicate the location of the vehicle or the freight carried by the vehicle to cause the representation of the location of the vehicle or the freight carried by the vehicle by causing display of	Thomas does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle.



<p>a visual representation of the location of the vehicle or the freight carried by the vehicle on the remote device's user interface by displaying the location of the vehicle or the freight carried by the vehicle as city/state.</p>	<p>More specifically, Thomas does not appear to disclose anything regarding causing display of a visual representation of the location of the vehicle or the freight carried by the vehicle on a remote device's user interface by displaying the location of the vehicle or the freight carried by the vehicle as city/state.</p>
<p>21. The machine or group of machines of claim 12, wherein the central processing unit is programmed to communicate the location of the vehicle or the freight carried by the vehicle to cause the representation of the location of the vehicle or the freight carried by the vehicle by causing display of a visual representation of the location of the vehicle or the freight carried by the vehicle on the remote device's user interface by displaying a map that includes a mark indicating the location of the vehicle on the map.</p>	<p>Thomas does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle.</p> <p>More specifically, Thomas does not appear to disclose anything regarding causing display of a visual representation of the location of the vehicle or the freight carried by the vehicle on a remote device's user interface by displaying the location of the vehicle or the freight carried by the vehicle as a map that includes a mark indicating the location of the vehicle on the map.</p>
<p>22. The machine or group of machines of claim 12, wherein the central processing unit receiving from the location information provider location information of the mobile device comprising the GPS receiver serves to determine whether consent was given to transmit location information of a mobile device comprising the GPS receiver.</p>	<p>Thomas does not appear to disclose anything regarding the central processing unit receiving from the location information provider location information of the mobile device comprising the GPS receiver serving to determine whether consent was given to transmit location information of a mobile device comprising the GPS receiver.</p>
<p>23. A machine or group of machines for monitoring location of at least one of a vehicle or freight carried by the vehicle, the machine or group of machines comprising:</p>	
<p>a server comprising a central processing unit, a memory, a clock, and a server communication transceiver that receives location information of a mobile device, the mobile device comprising a GPS receiver, a</p>	

<p>microprocessor and a wireless communication transceiver coupled to the GPS receiver, the mobile device comprising the GPS receiver programmed to receive data sent by a plurality of GPS satellites, calculate location information of the mobile device comprising the GPS receiver and transmit the location information, the central processing unit programmed to:</p>	
<p>receive a request for information regarding the location of the vehicle or the freight carried by the vehicle, and</p>	
<p>request location information of the vehicle or the freight carried by the vehicle from a location information provider;</p>	<p>Thomas does not appear to disclose anything regarding requesting location information of the mobile device comprising the GPS receiver from a location information provider as disclosed in the present application.</p>
<p>receive an indication that consent to transmission of location information has been given; and</p>	<p>Thomas does not appear to disclose anything specifically about receiving an indication that consent was given to transmission of location information.</p>
<p>receive location information of the vehicle or the freight carried by the vehicle from the location information provider;</p>	<p>Thomas does not appear to disclose anything regarding receiving location information of the vehicle or the freight carried by the vehicle from the location information provider.</p>
<p>estimate the location of the vehicle or the freight carried by the vehicle from the location information received from the location information provider;</p>	<p>Thomas does not appear to disclose anything regarding estimating the location of the vehicle or the freight carried by the vehicle from the location information received from the location information provider.</p>
<p>communicate the location of the vehicle or the freight carried by the vehicle.</p>	
<p>24. The machine or group of machines of claim 23, wherein the location of the vehicle or the freight carried is estimated based on a vehicle reference number or a freight reference number associated with the mobile device comprising the GPS receiver.</p>	<p>Thomas does not appear to disclose anything regarding the central processing unit is programmed to estimate the location of the vehicle or the freight carried by the vehicle based at least in part on a vehicle reference number or a freight reference number associated with the mobile device comprising the GPS receiver.</p>

<p>25. The machine or group of machines of claim 23, wherein the location information provider corresponds to a device associated with at least one of:</p>	
<p>a wireless service provider providing wireless service to the mobile device comprising the GPS receiver,</p>	
<p>a third party that obtains the location information of the mobile device comprising the GPS receiver from the wireless service provider providing wireless service to the mobile device comprising the GPS receiver, and</p>	<p>Thomas does not appear to disclose anything regarding a location information provider corresponding to a third party that obtains the location information of the mobile device comprising the GPS receiver from the wireless service provider providing wireless service to the mobile device comprising the GPS receiver.</p>
<p>a party that has access to the location information of the mobile device comprising the GPS receiver but is other than the wireless service provider or the third party that obtains the location information of the mobile device comprising the GPS receiver from the wireless service provider.</p>	<p>Thomas does not appear to disclose anything regarding a location information provider corresponding to a party that has access to the location information of the mobile device comprising the GPS receiver but is other than the wireless service provider or the third party that obtains the location information of the mobile device comprising the GPS receiver from the wireless service provider.</p>
<p>26. The machine or group of machines of claim 23, wherein the wherein the central processing unit is programmed to communicate the location of the vehicle or the freight carried by the vehicle by one of:</p>	<p>Thomas does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle.</p>
<p>exposing an application programming interface (API) from which the location of the at least one of the vehicle or the freight carried by the vehicle is obtained, or</p>	<p>Thomas does not appear to disclose anything regarding exposing an application programming interface (API) from which the location of the at least one of the vehicle or the freight carried by the vehicle is obtained.</p>
<p>interfacing with an exposed application programming interface (API) through which the location of the at least one of the vehicle or the freight carried by the vehicle is transmitted.</p>	<p>Thomas does not appear to disclose anything regarding interfacing with an exposed application programming interface (API) through which the location of the at least one of the vehicle or the</p>

	freight carried by the vehicle is transmitted.
27. The machine or group of machines of claim 23, wherein the central processing unit is programmed to communicate the location of the vehicle or the freight carried by the vehicle to one or more of:	Thomas does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle.
a freight service provider,	Thomas does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle to a device associated with a freight service provider.
a party to whom the freight service provider provides freight services, and	Thomas does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle to a device associated with a party to whom the freight service provider provides freight services.
a party that provides location information services to the freight service provider or to the party to whom the freight service provider provides freight services.	Thomas does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle to a device associated with a party that provides location information services to the freight service provider or to the party to whom the freight service provider provides freight services.
28. The machine or group of machines of claim 23, wherein the central processing unit receiving from the location information provider location information of the mobile device comprising the GPS receiver is the indication that consent to transmission of location information of the mobile device	Thomas does not appear to disclose anything regarding the central processing unit receiving from the location information provider location information of the mobile device comprising the GPS receiver being the indication that consent to transmission of location information of

comprising the GPS receiver has been given.	the mobile device comprising the GPS receiver has been given.
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**(6) U.S. Patent No. 8,755,823 ("Proietti")**

The Protest states that "Proietti is relevant because it is prior art that anticipates and/or renders obvious the applicant's invention." The Protest's statement is incorrect because, as discussed above, an "invention is defined by the claims." *Vas-Cath Inc.*, 935 F.2d at 1565. Thus, to state that *any* prior art anticipates and/or renders obvious the applicant's invention in general, divorced from the specific claims, as the Protest has done is legally incorrect.

To specifically "highlight differences between the claims within the present invention and the references cited in the protest," applicant provides the following.

Proietti relates to an employee tracking system (Proietti, 2:33). The employer can track the employees (the asset 301) via their cell phones. (Proietti, 2:28-29).

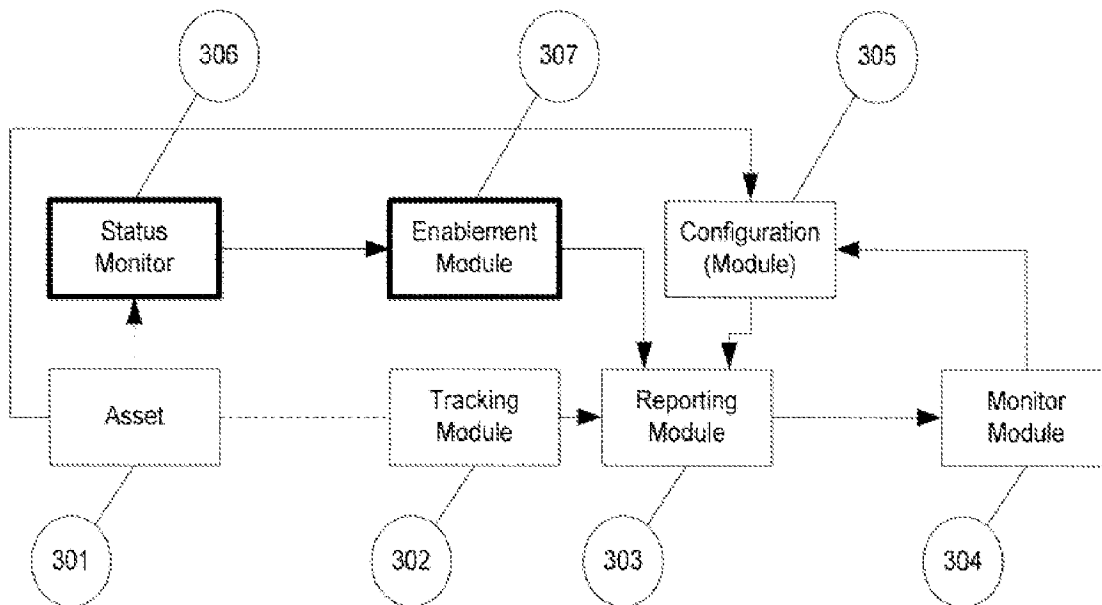


FIG. 3

This arrangement of Proietti is not in compliance with the CTIA Guidelines (see Background section on paragraphs 6 and 7 of the present application) and is different from the claimed invention.

Proietti discloses that (see Fig. 3 above):

An asset 301 is monitored by a tracking module 302. The tracking module provides the asset locations to a reporting module 303. The reporting module 303 reports the locations of the asset, based on conditions set by a user.

(Col. 2, lines 63-67, emphasis mine). Thus, in Proietti, tracking of the asset 301 by the tracking module 302 takes place consent or no consent. Consent only comes into play regarding the reporting module 303 being allowed to report the location of the asset 301 already obtained by the tracking module 302.

Proietti adds that:

The enablement module 307, which in some embodiments may not be distinct from the status monitor module, indicates the person or asset tracking permission to the reporting module. When not enabled, the reporting module 303 prevents location information from being **delivered** to the status monitor module [304], thus protecting the asset's privacy during non-work hours. However, depending on permissions, the reporting module could be configured to provide a person's location to other requestors, as in a family location scenario, regardless of the person's "at work" status.

(Col. 3, lines 58-67, emphasis mine).

Again, in Proietti, tracking of the asset 301 by the tracking module 302 takes place consent or no consent. Consent only comes into play regarding the reporting module 303 being allowed to deliver the location of the asset 301 already obtained by the tracking module 302.

In contrast, the present application discloses that consent to transmission of the location information is "obtained from the user of the communications device" (Par. 79) and that "consenting to the monitoring of the location of the vehicle would result in the location of the vehicle or the location of the communications device being disclosed" (Par. 77). Thus, in the claims of the present application, consent has to do with transmission of the location information in the first instance. Without the user's consent, the location

information of the device is not transmitted at all. This is in compliance with the CTIA Guidelines as discussed on paragraphs 6 and 7 of the present application. This is different from Proietti.

Moreover, Proietti does not appear to disclose anything regarding the location information of the mobile device comprising the GPS receiver being received from a location information provider or it being originated from a device other than the mobile device comprising the GPS receiver itself as recited in the claims. Proietti does not appear to disclose anything other than location of a mobile device being obtained from the mobile device.

<u>Claims of the Present Application</u>	<u>Proietti</u>
1. A machine or group of machines for monitoring location of at least one of a vehicle or freight carried by the vehicle, comprising:	
a mobile device comprising a GPS receiver, a display, a microprocessor and a wireless communication transceiver coupled to the GPS receiver, the mobile device comprising the GPS receiver programmed to receive data sent by a plurality of GPS satellites, calculate location information of the mobile device comprising the GPS receiver and transmit the location information;	
a server comprising a central processing unit, a memory, a clock, and a server communication transceiver that receives the location information of the mobile device comprising the GPS receiver, and the central processing unit programmed to:	
receive a request for information regarding the location of the vehicle or the freight carried by the vehicle;	
request location information of the mobile device comprising the GPS receiver from a location information provider;	Proietti does not appear to disclose anything regarding requesting location information of the mobile device comprising the GPS receiver from a location information provider as disclosed in the present application.
receive a signal that indicates that consent was given to transmission of location	Proietti does not appear to disclose anything specifically about receiving a

<p>information;</p>	<p>signal that indicates that consent was given to transmission of location information in the first instance.</p>
<p>receive from the location information provider location information of the mobile device comprising the GPS receiver, wherein the location information of the mobile device comprising the GPS receiver originated from a device other than the mobile device comprising the GPS receiver itself; and</p>	<p>Proietti does not appear to disclose anything regarding receiving from the location information provider (as disclosed in the present application) location information of the mobile device comprising the GPS receiver. Particularly, Proietti does not appear to disclose anything regarding the location information of the mobile device comprising the GPS receiver originated from a device other than the mobile device comprising the GPS receiver itself. Proietti does not appear to disclose anything other than location of a mobile device being obtained from the mobile device.</p>
<p>estimate the location of the vehicle or the freight carried by the vehicle based at least in part on the location information of the mobile device comprising the GPS receiver; and</p>	<p>Proietti does not appear to disclose anything regarding estimating the location of the vehicle or the freight carried by the vehicle based at least in part on the location information of the mobile device comprising the GPS receiver.</p>
<p>communicate the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle.</p>	<p>Proietti does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle.</p>
<p></p>	<p></p>
<p>2. A machine or group of machines for monitoring location of at least one of a vehicle or freight carried by the vehicle, comprising:</p>	<p></p>
<p>a server comprising a central processing unit, a memory, a clock, and a server communication transceiver that receives location information of a mobile device, the mobile device comprising a GPS receiver, a microprocessor and a wireless communication transceiver coupled to the GPS receiver, the mobile device comprising</p>	<p></p>



<p>the GPS receiver programmed to receive data sent by a plurality of GPS satellites, calculate location information of the mobile device comprising the GPS receiver and transmit the location information, the central processing unit programmed to:</p>	
<p>receive a request for information regarding the location of the vehicle or the freight carried by the vehicle;</p>	
<p>request location information of the mobile device comprising the GPS receiver from a location information provider;</p>	<p>Proietti does not appear to disclose anything regarding requesting location information of the mobile device comprising the GPS receiver from a location information provider as disclosed in the present application.</p>
<p>receive a signal that indicates that consent was given to transmission of location information;</p>	<p>Proietti does not appear to disclose anything specifically about receiving a signal that indicates that consent was given to transmission of location information in the first instance.</p>
<p>receive from the location information provider location information of the mobile device comprising the GPS receiver, wherein the location information of the mobile device comprising the GPS receiver originated from a device other than the mobile device comprising the GPS receiver itself; and</p>	<p>Proietti does not appear to disclose anything regarding receiving from the location information provider (as disclosed in the present application) location information of the mobile device comprising the GPS receiver. Particularly, Proietti does not appear to disclose anything regarding the location information of the mobile device comprising the GPS receiver originated from a device other than the mobile device comprising the GPS receiver itself. Proietti does not appear to disclose anything other than location of a mobile device being obtained from the mobile device.</p>
<p>estimate the location of the vehicle or the freight carried by the vehicle based at least in part on the location information of the mobile device comprising the GPS receiver; and</p>	<p>Proietti does not appear to disclose anything regarding estimating the location of the vehicle or the freight carried by the vehicle based at least in part on the location information of the mobile device comprising the GPS receiver.</p>
<p>communicate the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle</p>	<p>Proietti does not appear to disclose anything regarding communicating the location of the vehicle or the freight</p>

or the freight carried by the vehicle.	carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle.
3. The machine or group of machines of claim 2, wherein the central processing unit is programmed to estimate the location of the vehicle or the freight carried by the vehicle based at least in part on a vehicle reference number or a freight reference number associated with the mobile device comprising the GPS receiver.	Proietti does not appear to disclose anything regarding the central processing unit is programmed to estimate the location of the vehicle or the freight carried by the vehicle based at least in part on a vehicle reference number or a freight reference number associated with the mobile device comprising the GPS receiver.
4. The machine or group of machines of claim 2, wherein the location information provider corresponds to at least one of:	Proietti does not appear to disclose anything other than location of a mobile device being obtained from the mobile device.
a wireless service provider providing wireless service to the mobile device comprising the GPS receiver,	Proietti does not appear to disclose anything regarding a location information provider corresponding to a wireless service provider providing wireless service to the mobile device comprising the GPS receiver.
a third party that obtains the location information of the mobile device comprising the GPS receiver from the wireless service provider providing wireless service to the mobile device comprising the GPS receiver, and	Proietti does not appear to disclose anything regarding a location information provider corresponding to a third party that obtains the location information of the mobile device comprising the GPS receiver from the wireless service provider providing wireless service to the mobile device comprising the GPS receiver.
a party that has access to the location information of the mobile device comprising the GPS receiver but is other than the wireless service provider or the third party that obtains the location information of the mobile device comprising the GPS receiver from the wireless service provider.	Proietti does not appear to disclose anything regarding a location information provider corresponding to a party that has access to the location information of the mobile device comprising the GPS receiver but is other than the wireless service provider or the third party that obtains the location information of the mobile device comprising the GPS receiver from the wireless service provider.

<p>5. The machine or group of machines of claim 2, wherein the central processing unit is programmed to communicate the location of the vehicle or the freight carried by the vehicle to cause the representation of the location of the vehicle or the freight carried by the vehicle by one of:</p>	<p>Proietti does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle.</p>
<p>exposing an application programming interface (API) from which the location of the at least one of the vehicle or the freight carried by the vehicle is obtained, or</p>	<p>Proietti does not appear to disclose anything regarding exposing an application programming interface (API) from which the location of the at least one of the vehicle or the freight carried by the vehicle is obtained.</p>
<p>interfacing with an exposed application programming interface (API) through which the location of the at least one of the vehicle or the freight carried by the vehicle is transmitted.</p>	<p>Proietti does not appear to disclose anything regarding interfacing with an exposed application programming interface (API) through which the location of the at least one of the vehicle or the freight carried by the vehicle is transmitted.</p>
<p>6. The machine or group of machines of claim 2, wherein the central processing unit is programmed to communicate the location of the vehicle or the freight carried by the vehicle to cause the representation of the location of the vehicle or the freight carried by the vehicle to a device associated with one of:</p>	<p>Proietti does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle.</p>
<p>a freight service provider,</p>	<p>Proietti does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle to a device associated with a freight service provider.</p>
<p>a party to whom the freight service provider provides freight services, and</p>	<p>Proietti does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle to a device associated with a party to whom the freight service provider provides freight services.</p>

<p>a party that provides location information services to the freight service provider or to the party to whom the freight service provider provides freight services.</p>	<p>Proietti does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle to a device associated with a party that provides location information services to the freight service provider or to the party to whom the freight service provider provides freight services.</p>
<p>7. The machine or group of machines of claim 2, wherein the central processing unit receiving from the location information provider location information of the mobile device comprising the GPS receiver is the signal that indicates that consent was given to transmission of location information of the mobile device comprising the GPS receiver.</p>	<p>Proietti does not appear to disclose anything regarding the central processing unit receiving from the location information provider location information of the mobile device comprising the GPS receiver being the signal that indicates that consent was given to transmission of location information of the mobile device comprising the GPS receiver.</p>
<p>8. The machine or group of machines of claim 2, wherein the central processing unit is programmed to communicate the location of the vehicle or the freight carried by the vehicle to cause the representation of the location of the vehicle or the freight carried by the vehicle by causing display of a visual representation of the location of the vehicle or the freight carried by the vehicle on a remote device's user interface by displaying the location of the vehicle or the freight carried by the vehicle as a) latitude and longitude coordinates, b) city/state, or c) a map that includes a mark indicating the location of the vehicle on the map.</p>	<p>Proietti does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle. More specifically, Proietti does not appear to disclose anything regarding causing display of a visual representation of the location of the vehicle or the freight carried by the vehicle on a remote device's user interface by displaying the location of the vehicle or the freight carried by the vehicle as a) latitude and longitude coordinates, b) city/state, or c) a map that includes a mark indicating the location of the vehicle on the map.</p>
<p>12. A machine or group of machines for monitoring location of at least one of a vehicle or freight carried by the vehicle, comprising:</p>	
<p>a server comprising a central processing</p>	

<p>unit, a memory, a clock, and a server communication transceiver that receives location information of a mobile device, the mobile device comprising a GPS receiver, a microprocessor and a wireless communication transceiver coupled to the GPS receiver, the mobile device comprising the GPS receiver programmed to receive data sent by a plurality of GPS satellites, calculate location information of the mobile device comprising the GPS receiver and transmit the location information, the central processing unit programmed to:</p>	
<p>determine whether consent was given to transmit location information of the mobile device comprising the GPS receiver;</p>	<p>Proietti does not appear to disclose anything specifically about receiving a signal that indicates that consent was given to transmission of location information in the first instance.</p>
<p>estimate the location of the at least one of the vehicle or the freight carried by the vehicle based on the location information of the mobile device comprising the GPS receiver;</p>	<p>Proietti does not appear to disclose anything regarding estimating the location of the vehicle or the freight carried by the vehicle based at least in part on the location information of the mobile device comprising the GPS receiver.</p>
<p>receive a request for information regarding the location of the at least one of the vehicle or the freight carried by the vehicle;</p>	
<p>request location information of the mobile device comprising a GPS receiver from a location information provider corresponding to a device other than the mobile device comprising the GPS receiver;</p>	<p>Proietti does not appear to disclose anything regarding requesting location information of the mobile device comprising a GPS receiver from a location information provider (as disclosed in the present application). Particularly, Proietti does not appear to disclose anything regarding requesting location information of the mobile device comprising a GPS receiver from a location information provider corresponding to a device other than the mobile device comprising the GPS receiver.</p>
<p>receive from the location information provider the location information of the mobile device comprising the GPS receiver; and</p>	<p>Proietti does not appear to disclose anything regarding receiving from the location information provider (as disclosed in the present application)</p>

	location information of the mobile device comprising the GPS receiver.
communicate the location of the at least one of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle by a remote device.	Proietti does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle.
13. The machine or group of machines of claim 12, wherein the location information provider corresponds to at least one of:	Proietti does not appear to disclose anything other than location of a mobile device being obtained from the mobile device.
a wireless service provider providing wireless service to the mobile device comprising the GPS receiver,	Proietti does not appear to disclose anything regarding a location information provider corresponding to a wireless service provider providing wireless service to the mobile device comprising the GPS receiver.
a third party that obtains the location information of the mobile device comprising the GPS receiver from the wireless service provider providing wireless service to the mobile device comprising the GPS receiver, and	Proietti does not appear to disclose anything regarding a location information provider corresponding to a third party that obtains the location information of the mobile device comprising the GPS receiver from the wireless service provider providing wireless service to the mobile device comprising the GPS receiver.
a party that has access to the location information of the mobile device comprising the GPS receiver but is other than the wireless service provider or the third party that obtains the location information of the mobile device comprising the GPS receiver from the wireless service provider.	Proietti does not appear to disclose anything regarding a location information provider corresponding to a party that has access to the location information of the mobile device comprising the GPS receiver but is other than the wireless service provider or the third party that obtains the location information of the mobile device comprising the GPS receiver from the wireless service provider.
17. The machine or group of machines of claim 12, wherein the central processing unit is programmed to communicate the location of the vehicle or the freight carried by the vehicle to cause the representation of	Proietti does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the

the location of the vehicle or the freight carried by the vehicle by one of:	vehicle or the freight carried by the vehicle.
exposing an application programming interface (API) from which the location of the at least one of the vehicle or the freight carried by the vehicle is obtained, or	Proietti does not appear to disclose anything regarding exposing an application programming interface (API) from which the location of the at least one of the vehicle or the freight carried by the vehicle is obtained.
interfacing with an exposed application programming interface (API) through which the location of the at least one of the vehicle or the freight carried by the vehicle is transmitted.	Proietti does not appear to disclose anything regarding interfacing with an exposed application programming interface (API) through which the location of the at least one of the vehicle or the freight carried by the vehicle is transmitted.
18. The machine or group of machines of claim 12, wherein the request for information regarding the location of the at least one of the vehicle or the freight carried by the vehicle is received from a device associated with:	Proietti does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle.
a freight service provider,	Proietti does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle to a device associated with a freight service provider.
a party to whom the freight service provider provides freight services, or	Proietti does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle to a device associated with a party to whom the freight service provider provides freight services.
a party that provides location information services to the freight service provider or to the party to whom the freight service provider provides freight services.	Proietti does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the

	<p>vehicle to a device associated with a party that provides location information services to the freight service provider or to the party to whom the freight service provider provides freight services.</p>
<p>19. The machine or group of machines of claim 12, wherein the central processing unit is programmed to communicate the location of the vehicle or the freight carried by the vehicle to cause the representation of the location of the vehicle or the freight carried by the vehicle by causing display of a visual representation of the location of the vehicle or the freight carried by the vehicle on the remote device's user interface by displaying the location of the vehicle or the freight carried by the vehicle as latitude and longitude coordinates.</p>	<p>Proietti does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle.                  More specifically, Proietti does not appear to disclose anything regarding causing display of a visual representation of the location of the vehicle or the freight carried by the vehicle on a remote device's user interface by displaying the location of the vehicle or the freight carried by the vehicle as latitude and longitude coordinates.</p>
<p>20. The machine or group of machines of claim 12, wherein the central processing unit is programmed to communicate the location of the vehicle or the freight carried by the vehicle to cause the representation of the location of the vehicle or the freight carried by the vehicle by causing display of a visual representation of the location of the vehicle or the freight carried by the vehicle on the remote device's user interface by displaying the location of the vehicle or the freight carried by the vehicle as city/state.</p>	<p>Proietti does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle.                  More specifically, Proietti does not appear to disclose anything regarding causing display of a visual representation of the location of the vehicle or the freight carried by the vehicle on a remote device's user interface by displaying the location of the vehicle or the freight carried by the vehicle as city/state.</p>
<p>21. The machine or group of machines of claim 12, wherein the central processing unit is programmed to communicate the location of the vehicle or the freight carried by the vehicle to cause the representation of the location of the vehicle or the freight carried by the vehicle by causing display of</p>	<p>Proietti does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle.</p>



<p>a visual representation of the location of the vehicle or the freight carried by the vehicle on the remote device's user interface by displaying a map that includes a mark indicating the location of the vehicle on the map.</p>	<p>More specifically, Proietti does not appear to disclose anything regarding causing display of a visual representation of the location of the vehicle or the freight carried by the vehicle on a remote device's user interface by displaying the location of the vehicle or the freight carried by the vehicle as a map that includes a mark indicating the location of the vehicle on the map.</p>
<p>22. The machine or group of machines of claim 12, wherein the central processing unit receiving from the location information provider location information of the mobile device comprising the GPS receiver serves to determine whether consent was given to transmit location information of a mobile device comprising the GPS receiver.</p>	<p>Proietti does not appear to disclose anything regarding the central processing unit receiving from the location information provider location information of the mobile device comprising the GPS receiver serving to determine whether consent was given to transmit location information of a mobile device comprising the GPS receiver.</p>
<p>23. A machine or group of machines for monitoring location of at least one of a vehicle or freight carried by the vehicle, the machine or group of machines comprising:</p>	
<p>a server comprising a central processing unit, a memory, a clock, and a server communication transceiver that receives location information of a mobile device, the mobile device comprising a GPS receiver, a microprocessor and a wireless communication transceiver coupled to the GPS receiver, the mobile device comprising the GPS receiver programmed to receive data sent by a plurality of GPS satellites, calculate location information of the mobile device comprising the GPS receiver and transmit the location information, the central processing unit programmed to:</p>	
<p>receive a request for information regarding the location of the vehicle or the freight carried by the vehicle, and</p>	
<p>request location information of the vehicle or the freight carried by the vehicle from a location information provider;</p>	<p>Proietti does not appear to disclose anything regarding requesting location information of the mobile device comprising the GPS receiver from a</p>

	location information provider as disclosed in the present application.
receive an indication that consent to transmission of location information has been given; and	Proietti does not appear to disclose anything about receiving an indication that consent was given to transmission of location information in the first instance.
receive location information of the vehicle or the freight carried by the vehicle from the location information provider;	Proietti does not appear to disclose anything regarding receiving location information of the vehicle or the freight carried by the vehicle from the location information provider.
estimate the location of the vehicle or the freight carried by the vehicle from the location information received from the location information provider;	Proietti does not appear to disclose anything regarding estimating the location of the vehicle or the freight carried by the vehicle from the location information received from the location information provider.
communicate the location of the vehicle or the freight carried by the vehicle.	
24. The machine or group of machines of claim 23, wherein the location of the vehicle or the freight carried is estimated based on a vehicle reference number or a freight reference number associated with the mobile device comprising the GPS receiver.	Proietti does not appear to disclose anything regarding the central processing unit is programmed to estimate the location of the vehicle or the freight carried by the vehicle based at least in part on a vehicle reference number or a freight reference number associated with the mobile device comprising the GPS receiver.
25. The machine or group of machines of claim 23, wherein the location information provider corresponds to a device associated with at least one of:	Proietti does not appear to disclose anything other than location of a mobile device being obtained from the mobile device.
a wireless service provider providing wireless service to the mobile device comprising the GPS receiver,	Proietti does not appear to disclose anything regarding a location information provider corresponding to a wireless service provider providing wireless service to the mobile device comprising the GPS receiver.
a third party that obtains the location information of the mobile device comprising the GPS receiver from the wireless service provider providing wireless service to the mobile device comprising the GPS receiver, and	Proietti does not appear to disclose anything regarding a location information provider corresponding to a third party that obtains the location information of the mobile device comprising the GPS receiver from the wireless service

	provider providing wireless service to the mobile device comprising the GPS receiver.
a party that has access to the location information of the mobile device comprising the GPS receiver but is other than the wireless service provider or the third party that obtains the location information of the mobile device comprising the GPS receiver from the wireless service provider.	Proietti does not appear to disclose anything regarding a location information provider corresponding to a party that has access to the location information of the mobile device comprising the GPS receiver but is other than the wireless service provider or the third party that obtains the location information of the mobile device comprising the GPS receiver from the wireless service provider.
26. The machine or group of machines of claim 23, wherein the wherein the central processing unit is programmed to communicate the location of the vehicle or the freight carried by the vehicle by one of:	Proietti does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle.
exposing an application programming interface (API) from which the location of the at least one of the vehicle or the freight carried by the vehicle is obtained, or	Proietti does not appear to disclose anything regarding exposing an application programming interface (API) from which the location of the at least one of the vehicle or the freight carried by the vehicle is obtained.
interfacing with an exposed application programming interface (API) through which the location of the at least one of the vehicle or the freight carried by the vehicle is transmitted.	Proietti does not appear to disclose anything regarding interfacing with an exposed application programming interface (API) through which the location of the at least one of the vehicle or the freight carried by the vehicle is transmitted.
27. The machine or group of machines of claim 23, wherein the central processing unit is programmed to communicate the location of the vehicle or the freight carried by the vehicle to one or more of:	Proietti does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle.
a freight service provider,	Proietti does not appear to disclose anything regarding communicating the location of the vehicle or the freight

	carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle to a device associated with a freight service provider.
a party to whom the freight service provider provides freight services, and	Proietti does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle to a device associated with a party to whom the freight service provider provides freight services.
a party that provides location information services to the freight service provider or to the party to whom the freight service provider provides freight services.	Proietti does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle to a device associated with a party that provides location information services to the freight service provider or to the party to whom the freight service provider provides freight services.
28. The machine or group of machines of claim 23, wherein the central processing unit receiving from the location information provider location information of the mobile device comprising the GPS receiver is the indication that consent to transmission of location information of the mobile device comprising the GPS receiver has been given.	Proietti does not appear to disclose anything regarding the central processing unit receiving from the location information provider location information of the mobile device comprising the GPS receiver being the indication that consent to transmission of location information of the mobile device comprising the GPS receiver has been given.

**(7) U.S. Patent Application Publication No. 2009/0030770 ("Hersh")**

The Protest states that “Hersh is relevant because it is prior art that anticipates and/or renders obvious the applicant's invention.” The Protest’s statement is incorrect because, as discussed above, an “invention is defined by the claims.” *Vas-Cath Inc.*, 935 F.2d at 1565. Thus, to state that *any* prior art anticipates and/or renders obvious the

applicant's invention in general, divorced from the specific claims, as the Protest has done is legally incorrect.

To specifically “highlight differences between the claims within the present invention and the references cited in the protest,” applicant provides the following.

Hersh discloses a dynamic and predictive information system and method for assigning shipping assets (e.g., drivers, tractors, trailers, containers, ships, railcars, and airplanes) to goods to be transported. (Hersh at [0003]-[0004]). The system assigns shipping assets from a plurality of carriers to enable the shipment of goods subject to a plurality of transport orders from a plurality of shippers. (Hersh at [0012]). A central computer maintains a database with data representing shipping assets wherein each carrier has at least one terminal from which respective shipping assets originate, respective service areas or regions, pricing schedules and, in some instances, lane routes (specially designated routes) which are often traveled by truck combinations of a particular carrier. (Hersh at [0012]). With the use of global positioning system (GPS) units built into personal data assistants (PDA) carried by drivers, the electronic information system can monitor the location of the trailer, the driver and also handle electronic copies of the electronic shipping documents (bills of lading, warehousing documents, customs documents, etc.). (Hersh at [0012]). This GPS data obtained from the PDA and the electronic document data is associated with the transport order such that the carrier and the shipper and the customer having an interest in the goods under transport can see and view the electronic document and whereabouts of the goods or load. (Hersh at [0012]).

The reference does not appear to disclose anything regarding the location information of the mobile device being obtained from a location information provider or it having been originated from a device other than the mobile device comprising the GPS receiver itself as recited in the claims. Also, the reference does not appear to disclose anything about receiving a signal that indicates that consent was given to transmission of location information.

<u>Claims of the Present Application</u>	<u>Hersh</u>
1. A machine or group of machines for monitoring location of at least one of a vehicle or freight carried by the vehicle,	

<p>comprising:</p>	
<p>a mobile device comprising a GPS receiver, a display, a microprocessor and a wireless communication transceiver coupled to the GPS receiver, the mobile device comprising the GPS receiver programmed to receive data sent by a plurality of GPS satellites, calculate location information of the mobile device comprising the GPS receiver and transmit the location information;</p>	
<p>a server comprising a central processing unit, a memory, a clock, and a server communication transceiver that receives the location information of the mobile device comprising the GPS receiver, and the central processing unit programmed to:</p>	
<p>receive a request for information regarding the location of the vehicle or the freight carried by the vehicle;</p>	
<p>request location information of the mobile device comprising the GPS receiver from a location information provider;</p>	<p>Hersh does not appear to disclose anything regarding requesting location information of the mobile device comprising the GPS receiver from a location information provider as disclosed in the present application.</p>
<p>receive a signal that indicates that consent was given to transmission of location information;</p>	<p>Hersh does not appear to disclose anything about receiving a signal that indicates that consent was given to transmission of location information.</p>
<p>receive from the location information provider location information of the mobile device comprising the GPS receiver, wherein the location information of the mobile device comprising the GPS receiver originated from a device other than the mobile device comprising the GPS receiver itself; and</p>	<p>Hersh does not appear to disclose anything regarding receiving from the location information provider (as disclosed in the present application) location information of the mobile device comprising the GPS receiver. Particularly, Hersh does not appear to disclose anything regarding the location information of the mobile device comprising the GPS receiver originated from a device other than the mobile device comprising the GPS receiver itself. Hersh does not appear to disclose anything other than location of a mobile device being obtained from the mobile device.</p>

<p>estimate the location of the vehicle or the freight carried by the vehicle based at least in part on the location information of the mobile device comprising the GPS receiver; and</p>	<p>Hersh does not appear to disclose anything regarding estimating the location of the vehicle or the freight carried by the vehicle based at least in part on the location information of the mobile device comprising the GPS receiver.</p>
<p>communicate the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle.</p>	<p>Hersh does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle.</p>
<p>2. A machine or group of machines for monitoring location of at least one of a vehicle or freight carried by the vehicle, comprising:</p>	
<p>a server comprising a central processing unit, a memory, a clock, and a server communication transceiver that receives location information of a mobile device, the mobile device comprising a GPS receiver, a microprocessor and a wireless communication transceiver coupled to the GPS receiver, the mobile device comprising the GPS receiver programmed to receive data sent by a plurality of GPS satellites, calculate location information of the mobile device comprising the GPS receiver and transmit the location information, the central processing unit programmed to:</p>	
<p>receive a request for information regarding the location of the vehicle or the freight carried by the vehicle;</p>	
<p>request location information of the mobile device comprising the GPS receiver from a location information provider;</p>	<p>Hersh does not appear to disclose anything regarding requesting location information of the mobile device comprising the GPS receiver from a location information provider as disclosed in the present application. Hersh does not appear to disclose anything other than location of a mobile device being obtained from the mobile device.</p>
<p>receive a signal that indicates that consent</p>	<p>Hersh does not appear to disclose</p>

<p>was given to transmission of location information;</p>	<p>anything specifically about receiving a signal that indicates that consent was given to transmission of location information.</p>
<p>receive from the location information provider location information of the mobile device comprising the GPS receiver, wherein the location information of the mobile device comprising the GPS receiver originated from a device other than the mobile device comprising the GPS receiver itself; and</p>	<p>Hersh does not appear to disclose anything regarding receiving from the location information provider (as disclosed in the present application) location information of the mobile device comprising the GPS receiver. Particularly, Hersh does not appear to disclose anything regarding the location information of the mobile device comprising the GPS receiver originated from a device other than the mobile device comprising the GPS receiver itself. Hersh does not appear to disclose anything other than location of a mobile device being obtained from the mobile device.</p>
<p>estimate the location of the vehicle or the freight carried by the vehicle based at least in part on the location information of the mobile device comprising the GPS receiver; and</p>	<p>Hersh does not appear to disclose anything regarding estimating the location of the vehicle or the freight carried by the vehicle based at least in part on the location information of the mobile device comprising the GPS receiver.</p>
<p>communicate the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle.</p>	<p>Hersh does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle.</p>
<p>3. The machine or group of machines of claim 2, wherein the central processing unit is programmed to estimate the location of the vehicle or the freight carried by the vehicle based at least in part on a vehicle reference number or a freight reference number associated with the mobile device comprising the GPS receiver.</p>	<p>Hersh does not appear to disclose anything regarding the central processing unit is programmed to estimate the location of the vehicle or the freight carried by the vehicle based at least in part on a vehicle reference number or a freight reference number associated with the mobile device comprising the GPS receiver.</p>
<p>4. The machine or group of machines of</p>	<p>Hersh does not appear to disclose</p>



<p>claim 2, wherein the location information provider corresponds to at least one of:</p>	<p>anything other than location of a mobile device being obtained from the mobile device.</p>
<p>a wireless service provider providing wireless service to the mobile device comprising the GPS receiver,</p>	<p>Hersh does not appear to disclose anything regarding a wireless service provider providing wireless service to the mobile device comprising the GPS receiver.</p>
<p>a third party that obtains the location information of the mobile device comprising the GPS receiver from the wireless service provider providing wireless service to the mobile device comprising the GPS receiver, and</p>	<p>Hersh does not appear to disclose anything regarding a location information provider corresponding to a third party that obtains the location information of the mobile device comprising the GPS receiver from the wireless service provider providing wireless service to the mobile device comprising the GPS receiver.</p>
<p>a party that has access to the location information of the mobile device comprising the GPS receiver but is other than the wireless service provider or the third party that obtains the location information of the mobile device comprising the GPS receiver from the wireless service provider.</p>	<p>Hersh does not appear to disclose anything regarding a location information provider corresponding to a party that has access to the location information of the mobile device comprising the GPS receiver but is other than the wireless service provider or the third party that obtains the location information of the mobile device comprising the GPS receiver from the wireless service provider.</p>
<p>5. The machine or group of machines of claim 2, wherein the central processing unit is programmed to communicate the location of the vehicle or the freight carried by the vehicle to cause the representation of the location of the vehicle or the freight carried by the vehicle by one of:</p>	<p>Hersh does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle.</p>
<p>exposing an application programming interface (API) from which the location of the at least one of the vehicle or the freight carried by the vehicle is obtained, or</p>	<p>Hersh does not appear to disclose anything regarding exposing an application programming interface (API) from which the location of the at least one of the vehicle or the freight carried by the vehicle is obtained.</p>
<p>interfacing with an exposed application programming interface (API) through which the location of the at least one of the vehicle or the freight carried by the vehicle is</p>	<p>Hersh does not appear to disclose anything regarding interfacing with an exposed application programming interface (API) through which the location</p>

transmitted.	of the at least one of the vehicle or the freight carried by the vehicle is transmitted.
6. The machine or group of machines of claim 2, wherein the central processing unit is programmed to communicate the location of the vehicle or the freight carried by the vehicle to cause the representation of the location of the vehicle or the freight carried by the vehicle to a device associated with one of:	Hersh does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle.
a freight service provider,	Hersh does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle to a device associated with a freight service provider.
a party to whom the freight service provider provides freight services, and	Hersh does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle to a device associated with a party to whom the freight service provider provides freight services.
a party that provides location information services to the freight service provider or to the party to whom the freight service provider provides freight services.	Hersh does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle to a device associated with a party that provides location information services to the freight service provider or to the party to whom the freight service provider provides freight services.
7. The machine or group of machines of claim 2, wherein the central processing unit receiving from the location information provider location information of the mobile device comprising the GPS receiver is the	Hersh does not appear to disclose anything regarding the central processing unit receiving from the location information provider location information of the mobile device comprising the GPS

<p>signal that indicates that consent was given to transmission of location information of the mobile device comprising the GPS receiver.</p>	<p>receiver being the signal that indicates that consent was given to transmission of location information of the mobile device comprising the GPS receiver.</p>
<p>8. The machine or group of machines of claim 2, wherein the central processing unit is programmed to communicate the location of the vehicle or the freight carried by the vehicle to cause the representation of the location of the vehicle or the freight carried by the vehicle by causing display of a visual representation of the location of the vehicle or the freight carried by the vehicle on a remote device's user interface by displaying the location of the vehicle or the freight carried by the vehicle as a) latitude and longitude coordinates, b) city/state, or c) a map that includes a mark indicating the location of the vehicle on the map.</p>	<p>Hersh does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle.</p> <p>More specifically, Hersh does not appear to disclose anything regarding causing display of a visual representation of the location of the vehicle or the freight carried by the vehicle on a remote device's user interface by displaying the location of the vehicle or the freight carried by the vehicle as a) latitude and longitude coordinates, b) city/state, or c) a map that includes a mark indicating the location of the vehicle on the map.</p>
<p>12. A machine or group of machines for monitoring location of at least one of a vehicle or freight carried by the vehicle, comprising:</p>	
<p>a server comprising a central processing unit, a memory, a clock, and a server communication transceiver that receives location information of a mobile device, the mobile device comprising a GPS receiver, a microprocessor and a wireless communication transceiver coupled to the GPS receiver, the mobile device comprising the GPS receiver programmed to receive data sent by a plurality of GPS satellites, calculate location information of the mobile device comprising the GPS receiver and transmit the location information, the central processing unit programmed to:</p>	
<p>determine whether consent was given to transmit location information of the mobile device comprising the GPS receiver;</p>	<p>Hersh does not appear to disclose anything specifically about receiving a signal that indicates that consent was given to transmission of location</p>

	information.
estimate the location of the at least one of the vehicle or the freight carried by the vehicle based on the location information of the mobile device comprising the GPS receiver;	Hersh does not appear to disclose anything regarding estimating the location of the vehicle or the freight carried by the vehicle based at least in part on the location information of the mobile device comprising the GPS receiver.
receive a request for information regarding the location of the at least one of the vehicle or the freight carried by the vehicle;	
request location information of the mobile device comprising a GPS receiver from a location information provider corresponding to a device other than the mobile device comprising the GPS receiver;	Hersh does not appear to disclose anything regarding requesting location information of the mobile device comprising a GPS receiver from a location information provider (as disclosed in the present application). Particularly, Hersh does not appear to disclose anything regarding requesting location information of the mobile device comprising a GPS receiver from a location information provider corresponding to a device other than the mobile device comprising the GPS receiver.
receive from the location information provider the location information of the mobile device comprising the GPS receiver; and	Hersh does not appear to disclose anything regarding receiving from the location information provider (as disclosed in the present application) location information of the mobile device comprising the GPS receiver. Hersh does not appear to disclose anything other than location of a mobile device being obtained from the mobile device.
communicate the location of the at least one of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle by a remote device.	Hersh does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle.
13. The machine or group of machines of claim 12, wherein the location information provider corresponds to at least one of:	Hersh does not appear to disclose anything other than location of a mobile device being obtained from the mobile

	device.
a wireless service provider providing wireless service to the mobile device comprising the GPS receiver,	Hersh does not appear to disclose anything regarding a wireless service provider providing wireless service to the mobile device comprising the GPS receiver.
a third party that obtains the location information of the mobile device comprising the GPS receiver from the wireless service provider providing wireless service to the mobile device comprising the GPS receiver, and	Hersh does not appear to disclose anything regarding a location information provider corresponding to a third party that obtains the location information of the mobile device comprising the GPS receiver from the wireless service provider providing wireless service to the mobile device comprising the GPS receiver.
a party that has access to the location information of the mobile device comprising the GPS receiver but is other than the wireless service provider or the third party that obtains the location information of the mobile device comprising the GPS receiver from the wireless service provider.	Hersh does not appear to disclose anything regarding a location information provider corresponding to a party that has access to the location information of the mobile device comprising the GPS receiver but is other than the wireless service provider or the third party that obtains the location information of the mobile device comprising the GPS receiver from the wireless service provider.
17. The machine or group of machines of claim 12, wherein the central processing unit is programmed to communicate the location of the vehicle or the freight carried by the vehicle to cause the representation of the location of the vehicle or the freight carried by the vehicle by one of:	Hersh does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle.
exposing an application programming interface (API) from which the location of the at least one of the vehicle or the freight carried by the vehicle is obtained, or	Hersh does not appear to disclose anything regarding exposing an application programming interface (API) from which the location of the at least one of the vehicle or the freight carried by the vehicle is obtained.
interfacing with an exposed application programming interface (API) through which the location of the at least one of the vehicle or the freight carried by the vehicle is transmitted.	Hersh does not appear to disclose anything regarding interfacing with an exposed application programming interface (API) through which the location of the at least one of the vehicle or the freight carried by the vehicle is

	transmitted.
18. The machine or group of machines of claim 12, wherein the request for information regarding the location of the at least one of the vehicle or the freight carried by the vehicle is received from a device associated with:	Hersh does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle.
a freight service provider,	Hersh does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle to a device associated with a freight service provider.
a party to whom the freight service provider provides freight services, or	Hersh does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle to a device associated with a party to whom the freight service provider provides freight services.
a party that provides location information services to the freight service provider or to the party to whom the freight service provider provides freight services.	Hersh does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle to a device associated with a party that provides location information services to the freight service provider or to the party to whom the freight service provider provides freight services.
19. The machine or group of machines of claim 12, wherein the central processing unit is programmed to communicate the location of the vehicle or the freight carried by the vehicle to cause the representation of the location of the vehicle or the freight carried by the vehicle by causing display of a visual representation of the location of the	Hersh does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle. More specifically, Hersh does not appear

<p>vehicle or the freight carried by the vehicle on the remote device's user interface by displaying the location of the vehicle or the freight carried by the vehicle as latitude and longitude coordinates.</p>	<p>to disclose anything regarding causing display of a visual representation of the location of the vehicle or the freight carried by the vehicle on a remote device's user interface by displaying the location of the vehicle or the freight carried by the vehicle as latitude and longitude coordinates.</p>
<p>20. The machine or group of machines of claim 12, wherein the central processing unit is programmed to communicate the location of the vehicle or the freight carried by the vehicle to cause the representation of the location of the vehicle or the freight carried by the vehicle by causing display of a visual representation of the location of the vehicle or the freight carried by the vehicle on the remote device's user interface by displaying the location of the vehicle or the freight carried by the vehicle as city/state.</p>	<p>Hersh does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle. More specifically, Hersh does not appear to disclose anything regarding causing display of a visual representation of the location of the vehicle or the freight carried by the vehicle on a remote device's user interface by displaying the location of the vehicle or the freight carried by the vehicle as city/state.</p>
<p>21. The machine or group of machines of claim 12, wherein the central processing unit is programmed to communicate the location of the vehicle or the freight carried by the vehicle to cause the representation of the location of the vehicle or the freight carried by the vehicle by causing display of a visual representation of the location of the vehicle or the freight carried by the vehicle on the remote device's user interface by displaying a map that includes a mark indicating the location of the vehicle on the map.</p>	<p>Hersh does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle. More specifically, Hersh does not appear to disclose anything regarding causing display of a visual representation of the location of the vehicle or the freight carried by the vehicle on a remote device's user interface by displaying the location of the vehicle or the freight carried by the vehicle as a map that includes a mark indicating the location of the vehicle on the map.</p>
<p>22. The machine or group of machines of claim 12, wherein the central processing unit receiving from the location information</p>	<p>Hersh does not appear to disclose anything regarding the central processing unit receiving from the location</p>

<p>provider location information of the mobile device comprising the GPS receiver serves to determine whether consent was given to transmit location information of a mobile device comprising the GPS receiver.</p>	<p>information provider location information of the mobile device comprising the GPS receiver serving to determine whether consent was given to transmit location information of a mobile device comprising the GPS receiver.</p>
<p></p>	<p></p>
<p>23. A machine or group of machines for monitoring location of at least one of a vehicle or freight carried by the vehicle, the machine or group of machines comprising:</p>	<p></p>
<p>a server comprising a central processing unit, a memory, a clock, and a server communication transceiver that receives location information of a mobile device, the mobile device comprising a GPS receiver, a microprocessor and a wireless communication transceiver coupled to the GPS receiver, the mobile device comprising the GPS receiver programmed to receive data sent by a plurality of GPS satellites, calculate location information of the mobile device comprising the GPS receiver and transmit the location information, the central processing unit programmed to:</p>	<p></p>
<p>receive a request for information regarding the location of the vehicle or the freight carried by the vehicle, and</p>	<p></p>
<p>request location information of the vehicle or the freight carried by the vehicle from a location information provider;</p>	<p>Hersh does not appear to disclose anything regarding requesting location information of the mobile device comprising the GPS receiver from a location information provider as disclosed in the present application.</p>
<p>receive an indication that consent to transmission of location information has been given; and</p>	<p>Hersh does not appear to disclose anything specifically about receiving an indication that consent was given to transmission of location information.</p>
<p>receive location information of the vehicle or the freight carried by the vehicle from the location information provider;</p>	<p>Hersh does not appear to disclose anything regarding receiving location information of the vehicle or the freight carried by the vehicle from the location information provider. Hersh does not appear to disclose anything other than location of a mobile device being obtained from the mobile device.</p>



estimate the location of the vehicle or the freight carried by the vehicle from the location information received from the location information provider;	Hersh does not appear to disclose anything regarding estimating the location of the vehicle or the freight carried by the vehicle from the location information received from the location information provider.
communicate the location of the vehicle or the freight carried by the vehicle.	
24. The machine or group of machines of claim 23, wherein the location of the vehicle or the freight carried is estimated based on a vehicle reference number or a freight reference number associated with the mobile device comprising the GPS receiver.	Hersh does not appear to disclose anything regarding the central processing unit is programmed to estimate the location of the vehicle or the freight carried by the vehicle based at least in part on a vehicle reference number or a freight reference number associated with the mobile device comprising the GPS receiver.
25. The machine or group of machines of claim 23, wherein the location information provider corresponds to a device associated with at least one of:	Hersh does not appear to disclose anything other than location of a mobile device being obtained from the mobile device.
a wireless service provider providing wireless service to the mobile device comprising the GPS receiver,	Hersh does not appear to disclose anything regarding a wireless service provider providing wireless service to the mobile device comprising the GPS receiver.
a third party that obtains the location information of the mobile device comprising the GPS receiver from the wireless service provider providing wireless service to the mobile device comprising the GPS receiver, and	Hersh does not appear to disclose anything regarding a location information provider corresponding to a third party that obtains the location information of the mobile device comprising the GPS receiver from the wireless service provider providing wireless service to the mobile device comprising the GPS receiver.
a party that has access to the location information of the mobile device comprising the GPS receiver but is other than the wireless service provider or the third party that obtains the location information of the mobile device comprising the GPS receiver from the wireless service provider.	Hersh does not appear to disclose anything regarding a location information provider corresponding to a party that has access to the location information of the mobile device comprising the GPS receiver but is other than the wireless service provider or the third party that obtains the location information of the mobile device comprising the GPS

	receiver from the wireless service provider.
26. The machine or group of machines of claim 23, wherein the wherein the central processing unit is programmed to communicate the location of the vehicle or the freight carried by the vehicle by one of:	Hersh does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle.
exposing an application programming interface (API) from which the location of the at least one of the vehicle or the freight carried by the vehicle is obtained, or	Hersh does not appear to disclose anything regarding exposing an application programming interface (API) from which the location of the at least one of the vehicle or the freight carried by the vehicle is obtained.
interfacing with an exposed application programming interface (API) through which the location of the at least one of the vehicle or the freight carried by the vehicle is transmitted.	Hersh does not appear to disclose anything regarding interfacing with an exposed application programming interface (API) through which the location of the at least one of the vehicle or the freight carried by the vehicle is transmitted.
27. The machine or group of machines of claim 23, wherein the central processing unit is programmed to communicate the location of the vehicle or the freight carried by the vehicle to one or more of:	Hersh does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle.
a freight service provider,	Hersh does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle to a device associated with a freight service provider.
a party to whom the freight service provider provides freight services, and	Hersh does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle to a device associated with a party

	to whom the freight service provider provides freight services.
a party that provides location information services to the freight service provider or to the party to whom the freight service provider provides freight services.	Hersh does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle to a device associated with a party that provides location information services to the freight service provider or to the party to whom the freight service provider provides freight services.
28. The machine or group of machines of claim 23, wherein the central processing unit receiving from the location information provider location information of the mobile device comprising the GPS receiver is the indication that consent to transmission of location information of the mobile device comprising the GPS receiver has been given.	Hersh does not appear to disclose anything regarding the central processing unit receiving from the location information provider location information of the mobile device comprising the GPS receiver being the indication that consent to transmission of location information of the mobile device comprising the GPS receiver has been given.

**(8) U.S. Patent No. 8,649,775 ("Alessio")**

The Protest states that “Alessio is relevant because it is prior art that anticipates and/or renders obvious the applicant's invention.” The Protest’s statement is incorrect because, as discussed above, an “invention is defined by the claims.” *Vas-Cath Inc.*, 935 F.2d at 1565. Thus, to state that *any* prior art anticipates and/or renders obvious the applicant's invention in general, divorced from the specific claims, as the Protest has done is legally incorrect.

To specifically “highlight differences between the claims within the present invention and the references cited in the protest,” applicant provides the following.

Alessio discloses acquisition of a voice signature for status tracking and proof of delivery of shipped goods. (Alessio, Title). In Alessio, a user initiates a telephone call to a remote system. The location of the wireless terminal is determined at the wireless terminal based on entry by the user or using information associated with the cellular

infrastructure if the wireless terminal is a cellular phone, GPS information if the wireless terminal is GPS enabled, or location information associated with an IP address when the wireless terminal is a VoiP or WLAN type device. (Alessio at 2:56-64). The location information is transmitted to the remote tracking system during the call and stored with a time stamp at the remote tracking system. This information is associated with other information including shipment information. (Alessio at 2:67-3:7). Alessio further discloses that a user (the driver or delivery person), using his/her cellphone may call or receive a call from a dedicated and remotely hosted phone number. (Alessio at 8:40-43). The driver selects from a telephone voice menu the type of event the driver is reporting, for example, a delivery. (Alessio at 8:43-45). The driver also types into the phone the numeric digits that identify the freight or load being delivered. (Alessio at 8:45-48). The application software of the remote tracking server generates a computerized record with the shipment number, the exact time stamp of the event, the client/shipper ID, the load, the event type, and the voice recording for the event. (Alessio at 8:55-59).

Alessio does not appear to disclose anything regarding the location information of the mobile device being obtained from a location information provider or it having been originated from a device other than the mobile device comprising the GPS receiver itself as recited in the claims. Also, the reference does not appear to disclose anything about receiving a signal that indicates that consent was given to transmission of location information.

<u><b>Claims of the Present Application</b></u>	<u><b>Alessio</b></u>
1. A machine or group of machines for monitoring location of at least one of a vehicle or freight carried by the vehicle, comprising:	
a mobile device comprising a GPS receiver, a display, a microprocessor and a wireless communication transceiver coupled to the GPS receiver, the mobile device comprising the GPS receiver programmed to receive data sent by a plurality of GPS satellites, calculate location information of the mobile device comprising the GPS receiver and transmit the location information;	

<p>a server comprising a central processing unit, a memory, a clock, and a server communication transceiver that receives the location information of the mobile device comprising the GPS receiver, and the central processing unit programmed to:</p>	
<p>receive a request for information regarding the location of the vehicle or the freight carried by the vehicle;</p>	
<p>request location information of the mobile device comprising the GPS receiver from a location information provider;</p>	<p>Alessio does not appear to disclose anything regarding requesting location information of the mobile device comprising the GPS receiver from a location information provider as disclosed in the present application.</p>
<p>receive a signal that indicates that consent was given to transmission of location information;</p>	<p>Alessio does not appear to disclose anything about receiving a signal that indicates that consent was given to transmission of location information.</p>
<p>receive from the location information provider location information of the mobile device comprising the GPS receiver, wherein the location information of the mobile device comprising the GPS receiver originated from a device other than the mobile device comprising the GPS receiver itself; and</p>	<p>Alessio does not appear to disclose anything regarding receiving from the location information provider (as disclosed in the present application) location information of the mobile device comprising the GPS receiver. Particularly, Alessio does not appear to disclose anything regarding the location information of the mobile device comprising the GPS receiver originated from a device other than the mobile device comprising the GPS receiver itself. Alessio does not appear to disclose anything other than location of a mobile device being obtained from the mobile device.</p>
<p>estimate the location of the vehicle or the freight carried by the vehicle based at least in part on the location information of the mobile device comprising the GPS receiver; and</p>	<p>Alessio does not appear to disclose anything regarding estimating the location of the vehicle or the freight carried by the vehicle based at least in part on the location information of the mobile device comprising the GPS receiver.</p>
<p>communicate the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle.</p>	<p>Alessio does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a</p>

	representation of the location of the vehicle or the freight carried by the vehicle.
2. A machine or group of machines for monitoring location of at least one of a vehicle or freight carried by the vehicle, comprising:	
a server comprising a central processing unit, a memory, a clock, and a server communication transceiver that receives location information of a mobile device, the mobile device comprising a GPS receiver, a microprocessor and a wireless communication transceiver coupled to the GPS receiver, the mobile device comprising the GPS receiver programmed to receive data sent by a plurality of GPS satellites, calculate location information of the mobile device comprising the GPS receiver and transmit the location information, the central processing unit programmed to:	
receive a request for information regarding the location of the vehicle or the freight carried by the vehicle;	
request location information of the mobile device comprising the GPS receiver from a location information provider;	Alessio does not appear to disclose anything regarding requesting location information of the mobile device comprising the GPS receiver from a location information provider as disclosed in the present application. Alessio does not appear to disclose anything other than location of a mobile device being obtained from the mobile device.
receive a signal that indicates that consent was given to transmission of location information;	Alessio does not appear to disclose anything specifically about receiving a signal that indicates that consent was given to transmission of location information.
receive from the location information provider location information of the mobile device comprising the GPS receiver, wherein the location information of the mobile device comprising the GPS receiver originated from a device other than the mobile device comprising the GPS receiver	Alessio does not appear to disclose anything regarding receiving from the location information provider (as disclosed in the present application) location information of the mobile device comprising the GPS receiver. Particularly, Alessio does not appear to disclose

<p>itself; and</p>	<p>anything regarding the location information of the mobile device comprising the GPS receiver originated from a device other than the mobile device comprising the GPS receiver itself. Alessio does not appear to disclose anything other than location of a mobile device being obtained from the mobile device.</p>
<p>estimate the location of the vehicle or the freight carried by the vehicle based at least in part on the location information of the mobile device comprising the GPS receiver; and</p>	<p>Alessio does not appear to disclose anything regarding estimating the location of the vehicle or the freight carried by the vehicle based at least in part on the location information of the mobile device comprising the GPS receiver.</p>
<p>communicate the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle.</p>	<p>Alessio does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle.</p>
<p>3. The machine or group of machines of claim 2, wherein the central processing unit is programmed to estimate the location of the vehicle or the freight carried by the vehicle based at least in part on a vehicle reference number or a freight reference number associated with the mobile device comprising the GPS receiver.</p>	<p>Alessio does not appear to disclose anything regarding the central processing unit is programmed to estimate the location of the vehicle or the freight carried by the vehicle based at least in part on a vehicle reference number or a freight reference number associated with the mobile device comprising the GPS receiver.</p>
<p>4. The machine or group of machines of claim 2, wherein the location information provider corresponds to at least one of:</p>	<p>Alessio does not appear to disclose anything other than location of a mobile device being obtained from the mobile device.</p>
<p>a wireless service provider providing wireless service to the mobile device comprising the GPS receiver,</p>	<p>Alessio does not appear to disclose anything regarding a wireless service provider providing wireless service to the mobile device comprising the GPS receiver.</p>
<p>a third party that obtains the location information of the mobile device comprising the GPS receiver from the wireless service</p>	<p>Alessio does not appear to disclose anything regarding a location information provider corresponding to a third party</p>

<p>provider providing wireless service to the mobile device comprising the GPS receiver, and</p>	<p>that obtains the location information of the mobile device comprising the GPS receiver from the wireless service provider providing wireless service to the mobile device comprising the GPS receiver.</p>
<p>a party that has access to the location information of the mobile device comprising the GPS receiver but is other than the wireless service provider or the third party that obtains the location information of the mobile device comprising the GPS receiver from the wireless service provider.</p>	<p>Alessio does not appear to disclose anything regarding a location information provider corresponding to a party that has access to the location information of the mobile device comprising the GPS receiver but is other than the wireless service provider or the third party that obtains the location information of the mobile device comprising the GPS receiver from the wireless service provider.</p>
<p>5. The machine or group of machines of claim 2, wherein the central processing unit is programmed to communicate the location of the vehicle or the freight carried by the vehicle to cause the representation of the location of the vehicle or the freight carried by the vehicle by one of:</p>	<p>Alessio does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle.</p>
<p>exposing an application programming interface (API) from which the location of the at least one of the vehicle or the freight carried by the vehicle is obtained, or</p>	<p>Alessio does not appear to disclose anything regarding exposing an application programming interface (API) from which the location of the at least one of the vehicle or the freight carried by the vehicle is obtained.</p>
<p>interfacing with an exposed application programming interface (API) through which the location of the at least one of the vehicle or the freight carried by the vehicle is transmitted.</p>	<p>Alessio does not appear to disclose anything regarding interfacing with an exposed application programming interface (API) through which the location of the at least one of the vehicle or the freight carried by the vehicle is transmitted.</p>
<p>6. The machine or group of machines of claim 2, wherein the central processing unit is programmed to communicate the location of the vehicle or the freight carried by the vehicle to cause the representation of the location of the vehicle or the freight carried by the vehicle to a device associated with</p>	<p>Alessio does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle.</p>



<p>one of:</p>	
<p>a freight service provider,</p>	<p>Alessio does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle to a device associated with a freight service provider.</p>
<p>a party to whom the freight service provider provides freight services, and</p>	<p>Alessio does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle to a device associated with a party to whom the freight service provider provides freight services.</p>
<p>a party that provides location information services to the freight service provider or to the party to whom the freight service provider provides freight services.</p>	<p>Alessio does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle to a device associated with a party that provides location information services to the freight service provider or to the party to whom the freight service provider provides freight services.</p>
<p>7. The machine or group of machines of claim 2, wherein the central processing unit receiving from the location information provider location information of the mobile device comprising the GPS receiver is the signal that indicates that consent was given to transmission of location information of the mobile device comprising the GPS receiver.</p>	<p>Alessio does not appear to disclose anything regarding the central processing unit receiving from the location information provider location information of the mobile device comprising the GPS receiver being the signal that indicates that consent was given to transmission of location information of the mobile device comprising the GPS receiver.</p>
<p>8. The machine or group of machines of claim 2, wherein the central processing unit is programmed to communicate the location of the vehicle or the freight carried by the vehicle to cause the representation of the location of the vehicle or the freight carried</p>	<p>Alessio does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the</p>

<p>by the vehicle by causing display of a visual representation of the location of the vehicle or the freight carried by the vehicle on a remote device's user interface by displaying the location of the vehicle or the freight carried by the vehicle as a) latitude and longitude coordinates, b) city/state, or c) a map that includes a mark indicating the location of the vehicle on the map.</p>	<p>vehicle. More specifically, Alessio does not appear to disclose anything regarding causing display of a visual representation of the location of the vehicle or the freight carried by the vehicle on a remote device's user interface by displaying the location of the vehicle or the freight carried by the vehicle as a) latitude and longitude coordinates, b) city/state, or c) a map that includes a mark indicating the location of the vehicle on the map.</p>
<p></p>	<p></p>
<p>12. A machine or group of machines for monitoring location of at least one of a vehicle or freight carried by the vehicle, comprising:</p>	<p></p>
<p>a server comprising a central processing unit, a memory, a clock, and a server communication transceiver that receives location information of a mobile device, the mobile device comprising a GPS receiver, a microprocessor and a wireless communication transceiver coupled to the GPS receiver, the mobile device comprising the GPS receiver programmed to receive data sent by a plurality of GPS satellites, calculate location information of the mobile device comprising the GPS receiver and transmit the location information, the central processing unit programmed to:</p>	<p></p>
<p>determine whether consent was given to transmit location information of the mobile device comprising the GPS receiver;</p>	<p>Alessio does not appear to disclose anything specifically about receiving a signal that indicates that consent was given to transmission of location information.</p>
<p>estimate the location of the at least one of the vehicle or the freight carried by the vehicle based on the location information of the mobile device comprising the GPS receiver;</p>	<p>Alessio does not appear to disclose anything regarding estimating the location of the vehicle or the freight carried by the vehicle based at least in part on the location information of the mobile device comprising the GPS receiver.</p>
<p>receive a request for information regarding the location of the at least one of the vehicle or the freight carried by the vehicle;</p>	<p></p>

<p>request location information of the mobile device comprising a GPS receiver from a location information provider corresponding to a device other than the mobile device comprising the GPS receiver;</p>	<p>Alessio does not appear to disclose anything regarding requesting location information of the mobile device comprising a GPS receiver from a location information provider (as disclosed in the present application). Particularly, Alessio does not appear to disclose anything regarding requesting location information of the mobile device comprising a GPS receiver from a location information provider corresponding to a device other than the mobile device comprising the GPS receiver.</p>
<p>receive from the location information provider the location information of the mobile device comprising the GPS receiver; and</p>	<p>Alessio does not appear to disclose anything regarding receiving from the location information provider (as disclosed in the present application) location information of the mobile device comprising the GPS receiver. Alessio does not appear to disclose anything other than location of a mobile device being obtained from the mobile device.</p>
<p>communicate the location of the at least one of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle by a remote device.</p>	<p>Alessio does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle.</p>
<p></p>	<p></p>
<p>13. The machine or group of machines of claim 12, wherein the location information provider corresponds to at least one of:</p>	<p>Alessio does not appear to disclose anything other than location of a mobile device being obtained from the mobile device.</p>
<p>a wireless service provider providing wireless service to the mobile device comprising the GPS receiver,</p>	<p>Alessio does not appear to disclose anything regarding a wireless service provider providing wireless service to the mobile device comprising the GPS receiver.</p>
<p>a third party that obtains the location information of the mobile device comprising the GPS receiver from the wireless service provider providing wireless service to the mobile device comprising the GPS receiver,</p>	<p>Alessio does not appear to disclose anything regarding a location information provider corresponding to a third party that obtains the location information of the mobile device comprising the GPS</p>

<p>and</p>	<p>receiver from the wireless service provider providing wireless service to the mobile device comprising the GPS receiver.</p>
<p>a party that has access to the location information of the mobile device comprising the GPS receiver but is other than the wireless service provider or the third party that obtains the location information of the mobile device comprising the GPS receiver from the wireless service provider.</p>	<p>Alessio does not appear to disclose anything regarding a location information provider corresponding to a party that has access to the location information of the mobile device comprising the GPS receiver but is other than the wireless service provider or the third party that obtains the location information of the mobile device comprising the GPS receiver from the wireless service provider.</p>
<p>17. The machine or group of machines of claim 12, wherein the central processing unit is programmed to communicate the location of the vehicle or the freight carried by the vehicle to cause the representation of the location of the vehicle or the freight carried by the vehicle by one of:</p>	<p>Alessio does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle.</p>
<p>exposing an application programming interface (API) from which the location of the at least one of the vehicle or the freight carried by the vehicle is obtained, or</p>	<p>Alessio does not appear to disclose anything regarding exposing an application programming interface (API) from which the location of the at least one of the vehicle or the freight carried by the vehicle is obtained.</p>
<p>interfacing with an exposed application programming interface (API) through which the location of the at least one of the vehicle or the freight carried by the vehicle is transmitted.</p>	<p>Alessio does not appear to disclose anything regarding interfacing with an exposed application programming interface (API) through which the location of the at least one of the vehicle or the freight carried by the vehicle is transmitted.</p>
<p>18. The machine or group of machines of claim 12, wherein the request for information regarding the location of the at least one of the vehicle or the freight carried by the vehicle is received from a device associated with:</p>	<p>Alessio does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle.</p>
<p>a freight service provider,</p>	<p>Alessio does not appear to disclose anything regarding communicating the</p>

	location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle to a device associated with a freight service provider.
a party to whom the freight service provider provides freight services, or	Alessio does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle to a device associated with a party to whom the freight service provider provides freight services.
a party that provides location information services to the freight service provider or to the party to whom the freight service provider provides freight services.	Alessio does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle to a device associated with a party that provides location information services to the freight service provider or to the party to whom the freight service provider provides freight services.
19. The machine or group of machines of claim 12, wherein the central processing unit is programmed to communicate the location of the vehicle or the freight carried by the vehicle to cause the representation of the location of the vehicle or the freight carried by the vehicle by causing display of a visual representation of the location of the vehicle or the freight carried by the vehicle on the remote device's user interface by displaying the location of the vehicle or the freight carried by the vehicle as latitude and longitude coordinates.	Alessio does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle. More specifically, Alessio does not appear to disclose anything regarding causing display of a visual representation of the location of the vehicle or the freight carried by the vehicle on a remote device's user interface by displaying the location of the vehicle or the freight carried by the vehicle as latitude and longitude coordinates.
20. The machine or group of machines of claim 12, wherein the central processing	Alessio does not appear to disclose anything regarding communicating the

<p>unit is programmed to communicate the location of the vehicle or the freight carried by the vehicle to cause the representation of the location of the vehicle or the freight carried by the vehicle by causing display of a visual representation of the location of the vehicle or the freight carried by the vehicle on the remote device's user interface by displaying the location of the vehicle or the freight carried by the vehicle as city/state.</p>	<p>location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle.                  More specifically, Alessio does not appear to disclose anything regarding causing display of a visual representation of the location of the vehicle or the freight carried by the vehicle on a remote device's user interface by displaying the location of the vehicle or the freight carried by the vehicle as city/state.</p>
<p>21. The machine or group of machines of claim 12, wherein the central processing unit is programmed to communicate the location of the vehicle or the freight carried by the vehicle to cause the representation of the location of the vehicle or the freight carried by the vehicle by causing display of a visual representation of the location of the vehicle or the freight carried by the vehicle on the remote device's user interface by displaying a map that includes a mark indicating the location of the vehicle on the map.</p>	<p>Alessio does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle.                  More specifically, Alessio does not appear to disclose anything regarding causing display of a visual representation of the location of the vehicle or the freight carried by the vehicle on a remote device's user interface by displaying the location of the vehicle or the freight carried by the vehicle as a map that includes a mark indicating the location of the vehicle on the map.</p>
<p>22. The machine or group of machines of claim 12, wherein the central processing unit receiving from the location information provider location information of the mobile device comprising the GPS receiver serves to determine whether consent was given to transmit location information of a mobile device comprising the GPS receiver.</p>	<p>Alessio does not appear to disclose anything regarding the central processing unit receiving from the location information provider location information of the mobile device comprising the GPS receiver serving to determine whether consent was given to transmit location information of a mobile device comprising the GPS receiver.</p>
<p>23. A machine or group of machines for monitoring location of at least one of a vehicle or freight carried by the vehicle, the machine or group of machines comprising:</p>	

<p>a server comprising a central processing unit, a memory, a clock, and a server communication transceiver that receives location information of a mobile device, the mobile device comprising a GPS receiver, a microprocessor and a wireless communication transceiver coupled to the GPS receiver, the mobile device comprising the GPS receiver programmed to receive data sent by a plurality of GPS satellites, calculate location information of the mobile device comprising the GPS receiver and transmit the location information, the central processing unit programmed to:</p>	
<p>receive a request for information regarding the location of the vehicle or the freight carried by the vehicle, and</p>	
<p>request location information of the vehicle or the freight carried by the vehicle from a location information provider;</p>	<p>Alessio does not appear to disclose anything regarding requesting location information of the mobile device comprising the GPS receiver from a location information provider as disclosed in the present application.</p>
<p>receive an indication that consent to transmission of location information has been given; and</p>	<p>Alessio does not appear to disclose anything specifically about receiving an indication that consent was given to transmission of location information.</p>
<p>receive location information of the vehicle or the freight carried by the vehicle from the location information provider;</p>	<p>Alessio does not appear to disclose anything regarding receiving location information of the vehicle or the freight carried by the vehicle from the location information provider. Alessio does not appear to disclose anything other than location of a mobile device being obtained from the mobile device.</p>
<p>estimate the location of the vehicle or the freight carried by the vehicle from the location information received from the location information provider;</p>	<p>Alessio does not appear to disclose anything regarding estimating the location of the vehicle or the freight carried by the vehicle from the location information received from the location information provider.</p>
<p>communicate the location of the vehicle or the freight carried by the vehicle.</p>	
<p>24. The machine or group of machines of claim 23, wherein the location of the vehicle</p>	<p>Alessio does not appear to disclose anything regarding the central processing</p>

<p>or the freight carried is estimated based on a vehicle reference number or a freight reference number associated with the mobile device comprising the GPS receiver.</p>	<p>unit is programmed to estimate the location of the vehicle or the freight carried by the vehicle based at least in part on a vehicle reference number or a freight reference number associated with the mobile device comprising the GPS receiver.</p>
<p>25. The machine or group of machines of claim 23, wherein the location information provider corresponds to a device associated with at least one of:</p>	<p>Alessio does not appear to disclose anything other than location of a mobile device being obtained from the mobile device.</p>
<p>a wireless service provider providing wireless service to the mobile device comprising the GPS receiver,</p>	<p>Alessio does not appear to disclose anything regarding a wireless service provider providing wireless service to the mobile device comprising the GPS receiver.</p>
<p>a third party that obtains the location information of the mobile device comprising the GPS receiver from the wireless service provider providing wireless service to the mobile device comprising the GPS receiver, and</p>	<p>Alessio does not appear to disclose anything regarding a location information provider corresponding to a third party that obtains the location information of the mobile device comprising the GPS receiver from the wireless service provider providing wireless service to the mobile device comprising the GPS receiver.</p>
<p>a party that has access to the location information of the mobile device comprising the GPS receiver but is other than the wireless service provider or the third party that obtains the location information of the mobile device comprising the GPS receiver from the wireless service provider.</p>	<p>Alessio does not appear to disclose anything regarding a location information provider corresponding to a party that has access to the location information of the mobile device comprising the GPS receiver but is other than the wireless service provider or the third party that obtains the location information of the mobile device comprising the GPS receiver from the wireless service provider.</p>
<p>26. The machine or group of machines of claim 23, wherein the wherein the central processing unit is programmed to communicate the location of the vehicle or the freight carried by the vehicle by one of:</p>	<p>Alessio does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle.</p>
<p>exposing an application programming</p>	<p>Alessio does not appear to disclose</p>



<p>interface (API) from which the location of the at least one of the vehicle or the freight carried by the vehicle is obtained, or</p>	<p>anything regarding exposing an application programming interface (API) from which the location of the at least one of the vehicle or the freight carried by the vehicle is obtained.</p>
<p>interfacing with an exposed application programming interface (API) through which the location of the at least one of the vehicle or the freight carried by the vehicle is transmitted.</p>	<p>Alessio does not appear to disclose anything regarding interfacing with an exposed application programming interface (API) through which the location of the at least one of the vehicle or the freight carried by the vehicle is transmitted.</p>
<p>27. The machine or group of machines of claim 23, wherein the central processing unit is programmed to communicate the location of the vehicle or the freight carried by the vehicle to one or more of:</p>	<p>Alessio does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle.</p>
<p>a freight service provider,</p>	<p>Alessio does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle to a device associated with a freight service provider.</p>
<p>a party to whom the freight service provider provides freight services, and</p>	<p>Alessio does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle to a device associated with a party to whom the freight service provider provides freight services.</p>
<p>a party that provides location information services to the freight service provider or to the party to whom the freight service provider provides freight services.</p>	<p>Alessio does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle to a device associated with a party that provides location information services to the freight service provider or</p>

	to the party to whom the freight service provider provides freight services.
28. The machine or group of machines of claim 23, wherein the central processing unit receiving from the location information provider location information of the mobile device comprising the GPS receiver is the indication that consent to transmission of location information of the mobile device comprising the GPS receiver has been given.	Alessio does not appear to disclose anything regarding the central processing unit receiving from the location information provider location information of the mobile device comprising the GPS receiver being the indication that consent to transmission of location information of the mobile device comprising the GPS receiver has been given.

**(9) Haulcom**

The Protest states that “Haulcom is relevant because it is prior art that anticipates and/or renders obvious the applicant's invention.” An invention is defined by the claims.” *Vas-Cath Inc.*, 935 F.2d at 1565. Thus, to state that *any* prior art anticipates and/or renders obvious the applicant's invention in general, divorced from the specific claims, as the Protest does is legally incorrect.

To specifically “highlight differences between the claims within the present invention and the references cited in the protest,” applicant provides the following.

Haulcom appears to be an Android application that obtains the location of the device in which it is installed.

Haulcom does not appear to disclose anything regarding the location information of the mobile device being obtained from a location information provider or it having been originated from a device other than the mobile device comprising the GPS receiver itself as recited in the claims. Also, the reference does not appear to disclose anything about receiving a signal that indicates that consent was given to transmission of location information.

<b><u>Claims of the Present Application</u></b>	<b><u>Haulcom</u></b>
1. A machine or group of machines for monitoring location of at least one of a vehicle or freight carried by the vehicle, comprising:	
a mobile device comprising a GPS	

<p>receiver, a display, a microprocessor and a wireless communication transceiver coupled to the GPS receiver, the mobile device comprising the GPS receiver programmed to receive data sent by a plurality of GPS satellites, calculate location information of the mobile device comprising the GPS receiver and transmit the location information;</p>	
<p>a server comprising a central processing unit, a memory, a clock, and a server communication transceiver that receives the location information of the mobile device comprising the GPS receiver, and the central processing unit programmed to:</p>	<p>Haulcom does not appear to disclose anything regarding a server comprising a central processing unit, a memory, a clock, and a server communication transceiver that receives location information of a mobile device, the mobile device comprising a GPS receiver, a microprocessor and a wireless communication transceiver coupled to the GPS receiver, the mobile device comprising the GPS receiver programmed to receive data sent by a plurality of GPS satellites, calculate location information of the mobile device comprising the GPS receiver and transmit the location information.</p>
<p>receive a request for information regarding the location of the vehicle or the freight carried by the vehicle;</p>	<p>Haulcom does not appear to disclose anything regarding receiving a request for information regarding the location of the vehicle or the freight carried by the vehicle.</p>
<p>request location information of the mobile device comprising the GPS receiver from a location information provider;</p>	<p>Haulcom does not appear to disclose anything regarding requesting location information of the mobile device comprising the GPS receiver from a location information provider as disclosed in the present application.</p>
<p>receive a signal that indicates that consent was given to transmission of location information;</p>	<p>Haulcom does not appear to disclose anything about receiving a signal that indicates that consent was given to transmission of location information.</p>
<p>receive from the location information provider location information of the mobile device comprising the GPS receiver, wherein the location information of the mobile device comprising the GPS receiver originated from a device other than the</p>	<p>Haulcom does not appear to disclose anything regarding receiving from the location information provider (as disclosed in the present application) location information of the mobile device comprising the GPS receiver. Particularly,</p>

<p>mobile device comprising the GPS receiver itself; and</p>	<p>Haulcom does not appear to disclose anything regarding the location information of the mobile device comprising the GPS receiver originated from a device other than the mobile device comprising the GPS receiver itself. Haulcom does not appear to disclose anything other than location of a mobile device being obtained from the mobile device.</p>
<p>estimate the location of the vehicle or the freight carried by the vehicle based at least in part on the location information of the mobile device comprising the GPS receiver; and</p>	<p>Haulcom does not appear to disclose anything regarding estimating the location of the vehicle or the freight carried by the vehicle based at least in part on the location information of the mobile device comprising the GPS receiver.</p>
<p>communicate the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle.</p>	<p>Haulcom does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle.</p>
<p></p>	<p></p>
<p>2. A machine or group of machines for monitoring location of at least one of a vehicle or freight carried by the vehicle, comprising:</p>	<p></p>
<p>a server comprising a central processing unit, a memory, a clock, and a server communication transceiver that receives location information of a mobile device, the mobile device comprising a GPS receiver, a microprocessor and a wireless communication transceiver coupled to the GPS receiver, the mobile device comprising the GPS receiver programmed to receive data sent by a plurality of GPS satellites, calculate location information of the mobile device comprising the GPS receiver and transmit the location information, the central processing unit programmed to:</p>	<p>Haulcom does not appear to disclose anything regarding a server comprising a central processing unit, a memory, a clock, and a server communication transceiver that receives location information of a mobile device, the mobile device comprising a GPS receiver, a microprocessor and a wireless communication transceiver coupled to the GPS receiver, the mobile device comprising the GPS receiver programmed to receive data sent by a plurality of GPS satellites, calculate location information of the mobile device comprising the GPS receiver and transmit the location information.</p>
<p>receive a request for information regarding</p>	<p>Haulcom does not appear to disclose</p>

<p>the location of the vehicle or the freight carried by the vehicle;</p>	<p>anything regarding receiving a request for information regarding the location of the vehicle or the freight carried by the vehicle.</p>
<p>request location information of the mobile device comprising the GPS receiver from a location information provider;</p>	<p>Haulcom does not appear to disclose anything regarding requesting location information of the mobile device comprising the GPS receiver from a location information provider as disclosed in the present application. Haulcom does not appear to disclose anything other than location of a mobile device being obtained from the mobile device.</p>
<p>receive a signal that indicates that consent was given to transmission of location information;</p>	<p>Haulcom does not appear to disclose anything specifically about receiving a signal that indicates that consent was given to transmission of location information.</p>
<p>receive from the location information provider location information of the mobile device comprising the GPS receiver, wherein the location information of the mobile device comprising the GPS receiver originated from a device other than the mobile device comprising the GPS receiver itself; and</p>	<p>Haulcom does not appear to disclose anything regarding receiving from the location information provider (as disclosed in the present application) location information of the mobile device comprising the GPS receiver. Particularly, Haulcom does not appear to disclose anything regarding the location information of the mobile device comprising the GPS receiver originated from a device other than the mobile device comprising the GPS receiver itself. Haulcom does not appear to disclose anything other than location of a mobile device being obtained from the mobile device.</p>
<p>estimate the location of the vehicle or the freight carried by the vehicle based at least in part on the location information of the mobile device comprising the GPS receiver; and</p>	<p>Haulcom does not appear to disclose anything regarding estimating the location of the vehicle or the freight carried by the vehicle based at least in part on the location information of the mobile device comprising the GPS receiver.</p>
<p>communicate the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle.</p>	<p>Haulcom does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the</p>

	vehicle or the freight carried by the vehicle.
3. The machine or group of machines of claim 2, wherein the central processing unit is programmed to estimate the location of the vehicle or the freight carried by the vehicle based at least in part on a vehicle reference number or a freight reference number associated with the mobile device comprising the GPS receiver.	Haulcom does not appear to disclose anything regarding the central processing unit is programmed to estimate the location of the vehicle or the freight carried by the vehicle based at least in part on a vehicle reference number or a freight reference number associated with the mobile device comprising the GPS receiver.
4. The machine or group of machines of claim 2, wherein the location information provider corresponds to at least one of:	Haulcom does not appear to disclose anything other than location of a mobile device being obtained from the mobile device.
a wireless service provider providing wireless service to the mobile device comprising the GPS receiver,	Haulcom does not appear to disclose anything regarding a wireless service provider providing wireless service to the mobile device comprising the GPS receiver.
a third party that obtains the location information of the mobile device comprising the GPS receiver from the wireless service provider providing wireless service to the mobile device comprising the GPS receiver, and	Haulcom does not appear to disclose anything regarding a location information provider corresponding to a third party that obtains the location information of the mobile device comprising the GPS receiver from the wireless service provider providing wireless service to the mobile device comprising the GPS receiver.
a party that has access to the location information of the mobile device comprising the GPS receiver but is other than the wireless service provider or the third party that obtains the location information of the mobile device comprising the GPS receiver from the wireless service provider.	Haulcom does not appear to disclose anything regarding a location information provider corresponding to a party that has access to the location information of the mobile device comprising the GPS receiver but is other than the wireless service provider or the third party that obtains the location information of the mobile device comprising the GPS receiver from the wireless service provider.
5. The machine or group of machines of claim 2, wherein the central processing unit is programmed to communicate the location	Haulcom does not appear to disclose anything regarding communicating the location of the vehicle or the freight

<p>of the vehicle or the freight carried by the vehicle to cause the representation of the location of the vehicle or the freight carried by the vehicle by one of:</p>	<p>carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle.</p>
<p>exposing an application programming interface (API) from which the location of the at least one of the vehicle or the freight carried by the vehicle is obtained, or</p>	<p>Haulcom does not appear to disclose anything regarding exposing an application programming interface (API) from which the location of the at least one of the vehicle or the freight carried by the vehicle is obtained.</p>
<p>interfacing with an exposed application programming interface (API) through which the location of the at least one of the vehicle or the freight carried by the vehicle is transmitted.</p>	<p>Haulcom does not appear to disclose anything regarding interfacing with an exposed application programming interface (API) through which the location of the at least one of the vehicle or the freight carried by the vehicle is transmitted.</p>
<p>6. The machine or group of machines of claim 2, wherein the central processing unit is programmed to communicate the location of the vehicle or the freight carried by the vehicle to cause the representation of the location of the vehicle or the freight carried by the vehicle to a device associated with one of:</p>	<p>Haulcom does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle.</p>
<p>a freight service provider,</p>	<p>Haulcom does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle to a device associated with a freight service provider.</p>
<p>a party to whom the freight service provider provides freight services, and</p>	<p>Haulcom does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle to a device associated with a party to whom the freight service provider provides freight services.</p>
<p>a party that provides location information services to the freight service provider or to the party to whom the freight service</p>	<p>Haulcom does not appear to disclose anything regarding communicating the location of the vehicle or the freight</p>

<p>provider provides freight services.</p>	<p>carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle to a device associated with a party that provides location information services to the freight service provider or to the party to whom the freight service provider provides freight services.</p>
<p>7. The machine or group of machines of claim 2, wherein the central processing unit receiving from the location information provider location information of the mobile device comprising the GPS receiver is the signal that indicates that consent was given to transmission of location information of the mobile device comprising the GPS receiver.</p>	<p>Haulcom does not appear to disclose anything regarding the central processing unit receiving from the location information provider location information of the mobile device comprising the GPS receiver being the signal that indicates that consent was given to transmission of location information of the mobile device comprising the GPS receiver.</p>
<p>8. The machine or group of machines of claim 2, wherein the central processing unit is programmed to communicate the location of the vehicle or the freight carried by the vehicle to cause the representation of the location of the vehicle or the freight carried by the vehicle by causing display of a visual representation of the location of the vehicle or the freight carried by the vehicle on a remote device's user interface by displaying the location of the vehicle or the freight carried by the vehicle as a) latitude and longitude coordinates, b) city/state, or c) a map that includes a mark indicating the location of the vehicle on the map.</p>	<p>Haulcom does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle. More specifically, Haulcom does not appear to disclose anything regarding causing display of a visual representation of the location of the vehicle or the freight carried by the vehicle on a remote device's user interface by displaying the location of the vehicle or the freight carried by the vehicle as a) latitude and longitude coordinates, b) city/state, or c) a map that includes a mark indicating the location of the vehicle on the map.</p>
<p>12. A machine or group of machines for monitoring location of at least one of a vehicle or freight carried by the vehicle, comprising:</p>	
<p>a server comprising a central processing unit, a memory, a clock, and a server communication transceiver that receives location information of a mobile device, the</p>	<p>Haulcom does not appear to disclose anything regarding a server comprising a central processing unit, a memory, a clock, and a server communication</p>



<p>mobile device comprising a GPS receiver, a microprocessor and a wireless communication transceiver coupled to the GPS receiver, the mobile device comprising the GPS receiver programmed to receive data sent by a plurality of GPS satellites, calculate location information of the mobile device comprising the GPS receiver and transmit the location information, the central processing unit programmed to:</p>	<p>transceiver that receives location information of a mobile device, the mobile device comprising a GPS receiver, a microprocessor and a wireless communication transceiver coupled to the GPS receiver, the mobile device comprising the GPS receiver programmed to receive data sent by a plurality of GPS satellites, calculate location information of the mobile device comprising the GPS receiver and transmit the location information.</p>
<p>determine whether consent was given to transmit location information of the mobile device comprising the GPS receiver;</p>	<p>Haulcom does not appear to disclose anything specifically about receiving a signal that indicates that consent was given to transmission of location information.</p>
<p>estimate the location of the at least one of the vehicle or the freight carried by the vehicle based on the location information of the mobile device comprising the GPS receiver;</p>	<p>Haulcom does not appear to disclose anything regarding estimating the location of the vehicle or the freight carried by the vehicle based at least in part on the location information of the mobile device comprising the GPS receiver.</p>
<p>receive a request for information regarding the location of the at least one of the vehicle or the freight carried by the vehicle;</p>	<p>Haulcom does not appear to disclose anything regarding receiving a request for information regarding the location of the vehicle or the freight carried by the vehicle.</p>
<p>request location information of the mobile device comprising a GPS receiver from a location information provider corresponding to a device other than the mobile device comprising the GPS receiver;</p>	<p>Haulcom does not appear to disclose anything regarding requesting location information of the mobile device comprising a GPS receiver from a location information provider (as disclosed in the present application). Particularly, Haulcom does not appear to disclose anything regarding requesting location information of the mobile device comprising a GPS receiver from a location information provider corresponding to a device other than the mobile device comprising the GPS receiver.</p>
<p>receive from the location information provider the location information of the mobile device comprising the GPS receiver;</p>	<p>Haulcom does not appear to disclose anything regarding receiving from the location information provider (as</p>

<p>and</p>	<p>disclosed in the present application) location information of the mobile device comprising the GPS receiver. Haulcom does not appear to disclose anything other than location of a mobile device being obtained from the mobile device.</p>
<p>communicate the location of the at least one of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle by a remote device.</p>	<p>Haulcom does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle.</p>
<p>13. The machine or group of machines of claim 12, wherein the location information provider corresponds to at least one of:</p>	<p>Haulcom does not appear to disclose anything other than location of a mobile device being obtained from the mobile device.</p>
<p>a wireless service provider providing wireless service to the mobile device comprising the GPS receiver,</p>	<p>Haulcom does not appear to disclose anything regarding a wireless service provider providing wireless service to the mobile device comprising the GPS receiver.</p>
<p>a third party that obtains the location information of the mobile device comprising the GPS receiver from the wireless service provider providing wireless service to the mobile device comprising the GPS receiver, and</p>	<p>Haulcom does not appear to disclose anything regarding a location information provider corresponding to a third party that obtains the location information of the mobile device comprising the GPS receiver from the wireless service provider providing wireless service to the mobile device comprising the GPS receiver.</p>
<p>a party that has access to the location information of the mobile device comprising the GPS receiver but is other than the wireless service provider or the third party that obtains the location information of the mobile device comprising the GPS receiver from the wireless service provider.</p>	<p>Haulcom does not appear to disclose anything regarding a location information provider corresponding to a party that has access to the location information of the mobile device comprising the GPS receiver but is other than the wireless service provider or the third party that obtains the location information of the mobile device comprising the GPS receiver from the wireless service provider.</p>
<p>17. The machine or group of machines of</p>	<p>Haulcom does not appear to disclose</p>

<p>claim 12, wherein the central processing unit is programmed to communicate the location of the vehicle or the freight carried by the vehicle to cause the representation of the location of the vehicle or the freight carried by the vehicle by one of:</p>	<p>anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle.</p>
<p>exposing an application programming interface (API) from which the location of the at least one of the vehicle or the freight carried by the vehicle is obtained, or</p>	<p>Haulcom does not appear to disclose anything regarding exposing an application programming interface (API) from which the location of the at least one of the vehicle or the freight carried by the vehicle is obtained.</p>
<p>interfacing with an exposed application programming interface (API) through which the location of the at least one of the vehicle or the freight carried by the vehicle is transmitted.</p>	<p>Haulcom does not appear to disclose anything regarding interfacing with an exposed application programming interface (API) through which the location of the at least one of the vehicle or the freight carried by the vehicle is transmitted.</p>
<p>18. The machine or group of machines of claim 12, wherein the request for information regarding the location of the at least one of the vehicle or the freight carried by the vehicle is received from a device associated with:</p>	<p>Haulcom does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle.</p>
<p>a freight service provider,</p>	<p>Haulcom does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle to a device associated with a freight service provider.</p>
<p>a party to whom the freight service provider provides freight services, or</p>	<p>Haulcom does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle to a device associated with a party to whom the freight service provider provides freight services.</p>
<p>a party that provides location information services to the freight service provider or to</p>	<p>Haulcom does not appear to disclose anything regarding communicating the</p>

<p>the party to whom the freight service provider provides freight services.</p>	<p>location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle to a device associated with a party that provides location information services to the freight service provider or to the party to whom the freight service provider provides freight services.</p>
<p>19. The machine or group of machines of claim 12, wherein the central processing unit is programmed to communicate the location of the vehicle or the freight carried by the vehicle to cause the representation of the location of the vehicle or the freight carried by the vehicle by causing display of a visual representation of the location of the vehicle or the freight carried by the vehicle on the remote device's user interface by displaying the location of the vehicle or the freight carried by the vehicle as latitude and longitude coordinates.</p>	<p>Haulcom does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle. More specifically, Haulcom does not appear to disclose anything regarding causing display of a visual representation of the location of the vehicle or the freight carried by the vehicle on a remote device's user interface by displaying the location of the vehicle or the freight carried by the vehicle as latitude and longitude coordinates.</p>
<p>20. The machine or group of machines of claim 12, wherein the central processing unit is programmed to communicate the location of the vehicle or the freight carried by the vehicle to cause the representation of the location of the vehicle or the freight carried by the vehicle by causing display of a visual representation of the location of the vehicle or the freight carried by the vehicle on the remote device's user interface by displaying the location of the vehicle or the freight carried by the vehicle as city/state.</p>	<p>Haulcom does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle. More specifically, Haulcom does not appear to disclose anything regarding causing display of a visual representation of the location of the vehicle or the freight carried by the vehicle on a remote device's user interface by displaying the location of the vehicle or the freight carried by the vehicle as city/state.</p>
<p>21. The machine or group of machines of claim 12, wherein the central processing unit is programmed to communicate the</p>	<p>Haulcom does not appear to disclose anything regarding communicating the location of the vehicle or the freight</p>

<p>location of the vehicle or the freight carried by the vehicle to cause the representation of the location of the vehicle or the freight carried by the vehicle by causing display of a visual representation of the location of the vehicle or the freight carried by the vehicle on the remote device's user interface by displaying a map that includes a mark indicating the location of the vehicle on the map.</p>	<p>carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle.                  More specifically, Haulcom does not appear to disclose anything regarding causing display of a visual representation of the location of the vehicle or the freight carried by the vehicle on a remote device's user interface by displaying the location of the vehicle or the freight carried by the vehicle as a map that includes a mark indicating the location of the vehicle on the map.</p>
<p>22. The machine or group of machines of claim 12, wherein the central processing unit receiving from the location information provider location information of the mobile device comprising the GPS receiver serves to determine whether consent was given to transmit location information of a mobile device comprising the GPS receiver.</p>	<p>Haulcom does not appear to disclose anything regarding the central processing unit receiving from the location information provider location information of the mobile device comprising the GPS receiver serving to determine whether consent was given to transmit location information of a mobile device comprising the GPS receiver.</p>
<p>23. A machine or group of machines for monitoring location of at least one of a vehicle or freight carried by the vehicle, the machine or group of machines comprising:</p>	
<p>a server comprising a central processing unit, a memory, a clock, and a server communication transceiver that receives location information of a mobile device, the mobile device comprising a GPS receiver, a microprocessor and a wireless communication transceiver coupled to the GPS receiver, the mobile device comprising the GPS receiver programmed to receive data sent by a plurality of GPS satellites, calculate location information of the mobile device comprising the GPS receiver and transmit the location information, the central processing unit programmed to:</p>	<p>Haulcom does not appear to disclose anything regarding a server comprising a central processing unit, a memory, a clock, and a server communication transceiver that receives location information of a mobile device, the mobile device comprising a GPS receiver, a microprocessor and a wireless communication transceiver coupled to the GPS receiver, the mobile device comprising the GPS receiver programmed to receive data sent by a plurality of GPS satellites, calculate location information of the mobile device comprising the GPS receiver and transmit the location information.</p>
<p>receive a request for information regarding</p>	<p>Haulcom does not appear to disclose</p>

the location of the vehicle or the freight carried by the vehicle, and	anything regarding receiving a request for information regarding the location of the vehicle or the freight carried by the vehicle.
request location information of the vehicle or the freight carried by the vehicle from a location information provider;	Haulcom does not appear to disclose anything regarding requesting location information of the mobile device comprising the GPS receiver from a location information provider as disclosed in the present application.
receive an indication that consent to transmission of location information has been given; and	Haulcom does not appear to disclose anything specifically about receiving an indication that consent was given to transmission of location information.
receive location information of the vehicle or the freight carried by the vehicle from the location information provider;	Haulcom does not appear to disclose anything regarding receiving location information of the vehicle or the freight carried by the vehicle from the location information provider. Haulcom does not appear to disclose anything other than location of a mobile device being obtained from the mobile device.
estimate the location of the vehicle or the freight carried by the vehicle from the location information received from the location information provider;	Haulcom does not appear to disclose anything regarding estimating the location of the vehicle or the freight carried by the vehicle from the location information received from the location information provider.
communicate the location of the vehicle or the freight carried by the vehicle.	
24. The machine or group of machines of claim 23, wherein the location of the vehicle or the freight carried is estimated based on a vehicle reference number or a freight reference number associated with the mobile device comprising the GPS receiver.	Haulcom does not appear to disclose anything regarding the central processing unit is programmed to estimate the location of the vehicle or the freight carried by the vehicle based at least in part on a vehicle reference number or a freight reference number associated with the mobile device comprising the GPS receiver.
25. The machine or group of machines of claim 23, wherein the location information provider corresponds to a device associated with at least one of:	Haulcom does not appear to disclose anything other than location of a mobile device being obtained from the mobile device.
a wireless service provider providing	Haulcom does not appear to disclose

<p>wireless service to the mobile device comprising the GPS receiver,</p>	<p>anything regarding a wireless service provider providing wireless service to the mobile device comprising the GPS receiver.</p>
<p>a third party that obtains the location information of the mobile device comprising the GPS receiver from the wireless service provider providing wireless service to the mobile device comprising the GPS receiver, and</p>	<p>Haulcom does not appear to disclose anything regarding a location information provider corresponding to a third party that obtains the location information of the mobile device comprising the GPS receiver from the wireless service provider providing wireless service to the mobile device comprising the GPS receiver.</p>
<p>a party that has access to the location information of the mobile device comprising the GPS receiver but is other than the wireless service provider or the third party that obtains the location information of the mobile device comprising the GPS receiver from the wireless service provider.</p>	<p>Haulcom does not appear to disclose anything regarding a location information provider corresponding to a party that has access to the location information of the mobile device comprising the GPS receiver but is other than the wireless service provider or the third party that obtains the location information of the mobile device comprising the GPS receiver from the wireless service provider.</p>
<p>26. The machine or group of machines of claim 23, wherein the wherein the central processing unit is programmed to communicate the location of the vehicle or the freight carried by the vehicle by one of:</p>	<p>Haulcom does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle.</p>
<p>exposing an application programming interface (API) from which the location of the at least one of the vehicle or the freight carried by the vehicle is obtained, or</p>	<p>Haulcom does not appear to disclose anything regarding exposing an application programming interface (API) from which the location of the at least one of the vehicle or the freight carried by the vehicle is obtained.</p>
<p>interfacing with an exposed application programming interface (API) through which the location of the at least one of the vehicle or the freight carried by the vehicle is transmitted.</p>	<p>Haulcom does not appear to disclose anything regarding interfacing with an exposed application programming interface (API) through which the location of the at least one of the vehicle or the freight carried by the vehicle is transmitted.</p>

<p>27. The machine or group of machines of claim 23, wherein the central processing unit is programmed to communicate the location of the vehicle or the freight carried by the vehicle to one or more of:</p>	<p>Haulcom does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle.</p>
<p>a freight service provider,</p>	<p>Haulcom does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle to a device associated with a freight service provider.</p>
<p>a party to whom the freight service provider provides freight services, and</p>	<p>Haulcom does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle to a device associated with a party to whom the freight service provider provides freight services.</p>
<p>a party that provides location information services to the freight service provider or to the party to whom the freight service provider provides freight services.</p>	<p>Haulcom does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle to a device associated with a party that provides location information services to the freight service provider or to the party to whom the freight service provider provides freight services.</p>
<p>28. The machine or group of machines of claim 23, wherein the central processing unit receiving from the location information provider location information of the mobile device comprising the GPS receiver is the indication that consent to transmission of location information of the mobile device comprising the GPS receiver has been given.</p>	<p>Haulcom does not appear to disclose anything regarding the central processing unit receiving from the location information provider location information of the mobile device comprising the GPS receiver being the indication that consent to transmission of location information of the mobile device comprising the GPS receiver has been given.</p>



**(10) FollowMee GPS Tracker ("FollowMee")**

The Protest states that “FollowMee is relevant because it is prior art that anticipates and/or renders obvious the applicant's invention.” An invention is defined by the claims.” *Vas-Cath Inc.*, 935 F.2d at 1565. Thus, to state that *any* prior art anticipates and/or renders obvious the applicant's invention in general, divorced from the specific claims, as the Protest does is legally incorrect.

To specifically “highlight differences between the claims within the present invention and the references cited in the protest,” applicant provides the following.

FollowMee appears to be an iPhone and iPad application that obtains the location of the device in which it is installed.

FollowMee does not appear to disclose anything regarding the location information of the mobile device being obtained from a location information provider or it having been originated from a device other than the mobile device comprising the GPS receiver itself as recited in the claims. Also, the reference does not appear to disclose anything about receiving a signal that indicates that consent was given to transmission of location information.

<b><u>Claims of the Present Application</u></b>	<b><u>FollowMee</u></b>
1. A machine or group of machines for monitoring location of at least one of a vehicle or freight carried by the vehicle, comprising:	
a mobile device comprising a GPS receiver, a display, a microprocessor and a wireless communication transceiver coupled to the GPS receiver, the mobile device comprising the GPS receiver programmed to receive data sent by a plurality of GPS satellites, calculate location information of the mobile device comprising the GPS receiver and transmit the location information;	
a server comprising a central processing unit, a memory, a clock, and a server communication transceiver that receives the location information of the mobile device comprising the GPS receiver, and the	

<p>central processing unit programmed to:</p>	
<p>receive a request for information regarding the location of the vehicle or the freight carried by the vehicle;</p>	<p>FollowMee does not appear to disclose anything regarding receiving a request for information regarding the location of the vehicle or the freight carried by the vehicle.</p>
<p>request location information of the mobile device comprising the GPS receiver from a location information provider;</p>	<p>FollowMee does not appear to disclose anything regarding requesting location information of the mobile device comprising the GPS receiver from a location information provider as disclosed in the present application.</p>
<p>receive a signal that indicates that consent was given to transmission of location information;</p>	<p>FollowMee does not appear to disclose anything about receiving a signal that indicates that consent was given to transmission of location information.</p>
<p>receive from the location information provider location information of the mobile device comprising the GPS receiver, wherein the location information of the mobile device comprising the GPS receiver originated from a device other than the mobile device comprising the GPS receiver itself; and</p>	<p>FollowMee does not appear to disclose anything regarding receiving from the location information provider (as disclosed in the present application) location information of the mobile device comprising the GPS receiver. Particularly, FollowMee does not appear to disclose anything regarding the location information of the mobile device comprising the GPS receiver originated from a device other than the mobile device comprising the GPS receiver itself. FollowMee does not appear to disclose anything other than location of a mobile device being obtained from the mobile device.</p>
<p>estimate the location of the vehicle or the freight carried by the vehicle based at least in part on the location information of the mobile device comprising the GPS receiver; and</p>	<p>FollowMee does not appear to disclose anything regarding estimating the location of the vehicle or the freight carried by the vehicle based at least in part on the location information of the mobile device comprising the GPS receiver.</p>
<p>communicate the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle.</p>	<p>FollowMee does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle.</p>

<p>2. A machine or group of machines for monitoring location of at least one of a vehicle or freight carried by the vehicle, comprising:</p>	
<p>a server comprising a central processing unit, a memory, a clock, and a server communication transceiver that receives location information of a mobile device, the mobile device comprising a GPS receiver, a microprocessor and a wireless communication transceiver coupled to the GPS receiver, the mobile device comprising the GPS receiver programmed to receive data sent by a plurality of GPS satellites, calculate location information of the mobile device comprising the GPS receiver and transmit the location information, the central processing unit programmed to:</p>	
<p>receive a request for information regarding the location of the vehicle or the freight carried by the vehicle;</p>	<p>FollowMee does not appear to disclose anything regarding receiving a request for information regarding the location of the vehicle or the freight carried by the vehicle.</p>
<p>request location information of the mobile device comprising the GPS receiver from a location information provider;</p>	<p>FollowMee does not appear to disclose anything regarding requesting location information of the mobile device comprising the GPS receiver from a location information provider as disclosed in the present application. FollowMee does not appear to disclose anything other than location of a mobile device being obtained from the mobile device.</p>
<p>receive a signal that indicates that consent was given to transmission of location information;</p>	<p>FollowMee does not appear to disclose anything specifically about receiving a signal that indicates that consent was given to transmission of location information.</p>
<p>receive from the location information provider location information of the mobile device comprising the GPS receiver, wherein the location information of the mobile device comprising the GPS receiver originated from a device other than the mobile device comprising the GPS receiver itself; and</p>	<p>FollowMee does not appear to disclose anything regarding receiving from the location information provider (as disclosed in the present application) location information of the mobile device comprising the GPS receiver. Particularly, FollowMee does not appear to disclose anything regarding the location</p>

	information of the mobile device comprising the GPS receiver originated from a device other than the mobile device comprising the GPS receiver itself. FollowMee does not appear to disclose anything other than location of a mobile device being obtained from the mobile device.
estimate the location of the vehicle or the freight carried by the vehicle based at least in part on the location information of the mobile device comprising the GPS receiver; and	FollowMee does not appear to disclose anything regarding estimating the location of the vehicle or the freight carried by the vehicle based at least in part on the location information of the mobile device comprising the GPS receiver.
communicate the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle.	FollowMee does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle.
3. The machine or group of machines of claim 2, wherein the central processing unit is programmed to estimate the location of the vehicle or the freight carried by the vehicle based at least in part on a vehicle reference number or a freight reference number associated with the mobile device comprising the GPS receiver.	FollowMee does not appear to disclose anything regarding the central processing unit is programmed to estimate the location of the vehicle or the freight carried by the vehicle based at least in part on a vehicle reference number or a freight reference number associated with the mobile device comprising the GPS receiver.
4. The machine or group of machines of claim 2, wherein the location information provider corresponds to at least one of:	FollowMee does not appear to disclose anything other than location of a mobile device being obtained from the mobile device.
a wireless service provider providing wireless service to the mobile device comprising the GPS receiver,	FollowMee does not appear to disclose anything regarding a wireless service provider providing wireless service to the mobile device comprising the GPS receiver.
a third party that obtains the location information of the mobile device comprising the GPS receiver from the wireless service provider providing wireless service to the	FollowMee does not appear to disclose anything regarding a location information provider corresponding to a third party that obtains the location information of

<p>mobile device comprising the GPS receiver, and</p>	<p>the mobile device comprising the GPS receiver from the wireless service provider providing wireless service to the mobile device comprising the GPS receiver.</p>
<p>a party that has access to the location information of the mobile device comprising the GPS receiver but is other than the wireless service provider or the third party that obtains the location information of the mobile device comprising the GPS receiver from the wireless service provider.</p>	<p>FollowMee does not appear to disclose anything regarding a location information provider corresponding to a party that has access to the location information of the mobile device comprising the GPS receiver but is other than the wireless service provider or the third party that obtains the location information of the mobile device comprising the GPS receiver from the wireless service provider.</p>
<p>5. The machine or group of machines of claim 2, wherein the central processing unit is programmed to communicate the location of the vehicle or the freight carried by the vehicle to cause the representation of the location of the vehicle or the freight carried by the vehicle by one of:</p>	<p>FollowMee does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle.</p>
<p>exposing an application programming interface (API) from which the location of the at least one of the vehicle or the freight carried by the vehicle is obtained, or</p>	<p>FollowMee does not appear to disclose anything regarding exposing an application programming interface (API) from which the location of the at least one of the vehicle or the freight carried by the vehicle is obtained.</p>
<p>interfacing with an exposed application programming interface (API) through which the location of the at least one of the vehicle or the freight carried by the vehicle is transmitted.</p>	<p>FollowMee does not appear to disclose anything regarding interfacing with an exposed application programming interface (API) through which the location of the at least one of the vehicle or the freight carried by the vehicle is transmitted.</p>
<p>6. The machine or group of machines of claim 2, wherein the central processing unit is programmed to communicate the location of the vehicle or the freight carried by the vehicle to cause the representation of the location of the vehicle or the freight carried by the vehicle to a device associated with one of:</p>	<p>FollowMee does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle.</p>

<p>a freight service provider,</p>	<p>FollowMee does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle to a device associated with a freight service provider.</p>
<p>a party to whom the freight service provider provides freight services, and</p>	<p>FollowMee does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle to a device associated with a party to whom the freight service provider provides freight services.</p>
<p>a party that provides location information services to the freight service provider or to the party to whom the freight service provider provides freight services.</p>	<p>FollowMee does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle to a device associated with a party that provides location information services to the freight service provider or to the party to whom the freight service provider provides freight services.</p>
<p>7. The machine or group of machines of claim 2, wherein the central processing unit receiving from the location information provider location information of the mobile device comprising the GPS receiver is the signal that indicates that consent was given to transmission of location information of the mobile device comprising the GPS receiver.</p>	<p>FollowMee does not appear to disclose anything regarding the central processing unit receiving from the location information provider location information of the mobile device comprising the GPS receiver being the signal that indicates that consent was given to transmission of location information of the mobile device comprising the GPS receiver.</p>
<p>8. The machine or group of machines of claim 2, wherein the central processing unit is programmed to communicate the location of the vehicle or the freight carried by the vehicle to cause the representation of the location of the vehicle or the freight carried by the vehicle by causing display of a visual</p>	<p>FollowMee does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle.</p>

<p>representation of the location of the vehicle or the freight carried by the vehicle on a remote device's user interface by displaying the location of the vehicle or the freight carried by the vehicle as a) latitude and longitude coordinates, b) city/state, or c) a map that includes a mark indicating the location of the vehicle on the map.</p>	<p>More specifically, FollowMee does not appear to disclose anything regarding causing display of a visual representation of the location of the vehicle or the freight carried by the vehicle on a remote device's user interface by displaying the location of the vehicle or the freight carried by the vehicle as a) latitude and longitude coordinates, b) city/state, or c) a map that includes a mark indicating the location of the vehicle on the map. FollowMee shows a map not on a remote device but on the iPhone itself.</p>
<p>12. A machine or group of machines for monitoring location of at least one of a vehicle or freight carried by the vehicle, comprising:</p>	
<p>a server comprising a central processing unit, a memory, a clock, and a server communication transceiver that receives location information of a mobile device, the mobile device comprising a GPS receiver, a microprocessor and a wireless communication transceiver coupled to the GPS receiver, the mobile device comprising the GPS receiver programmed to receive data sent by a plurality of GPS satellites, calculate location information of the mobile device comprising the GPS receiver and transmit the location information, the central processing unit programmed to:</p>	
<p>determine whether consent was given to transmit location information of the mobile device comprising the GPS receiver;</p>	<p>FollowMee does not appear to disclose anything specifically about receiving a signal that indicates that consent was given to transmission of location information.</p>
<p>estimate the location of the at least one of the vehicle or the freight carried by the vehicle based on the location information of the mobile device comprising the GPS receiver;</p>	<p>FollowMee does not appear to disclose anything regarding estimating the location of the vehicle or the freight carried by the vehicle based at least in part on the location information of the mobile device comprising the GPS receiver.</p>
<p>receive a request for information regarding the location of the at least one of the vehicle</p>	<p>FollowMee does not appear to disclose anything regarding receiving a request for</p>

or the freight carried by the vehicle;	information regarding the location of the vehicle or the freight carried by the vehicle.
request location information of the mobile device comprising a GPS receiver from a location information provider corresponding to a device other than the mobile device comprising the GPS receiver;	FollowMee does not appear to disclose anything regarding requesting location information of the mobile device comprising a GPS receiver from a location information provider (as disclosed in the present application). Particularly, FollowMee does not appear to disclose anything regarding requesting location information of the mobile device comprising a GPS receiver from a location information provider corresponding to a device other than the mobile device comprising the GPS receiver.
receive from the location information provider the location information of the mobile device comprising the GPS receiver; and	FollowMee does not appear to disclose anything regarding receiving from the location information provider (as disclosed in the present application) location information of the mobile device comprising the GPS receiver. FollowMee does not appear to disclose anything other than location of a mobile device being obtained from the mobile device.
communicate the location of the at least one of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle by a remote device.	FollowMee does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle.
13. The machine or group of machines of claim 12, wherein the location information provider corresponds to at least one of:	FollowMee does not appear to disclose anything other than location of a mobile device being obtained from the mobile device.
a wireless service provider providing wireless service to the mobile device comprising the GPS receiver,	FollowMee does not appear to disclose anything regarding a wireless service provider providing wireless service to the mobile device comprising the GPS receiver.
a third party that obtains the location information of the mobile device comprising	FollowMee does not appear to disclose anything regarding a location information



<p>the GPS receiver from the wireless service provider providing wireless service to the mobile device comprising the GPS receiver, and</p>	<p>provider corresponding to a third party that obtains the location information of the mobile device comprising the GPS receiver from the wireless service provider providing wireless service to the mobile device comprising the GPS receiver.</p>
<p>a party that has access to the location information of the mobile device comprising the GPS receiver but is other than the wireless service provider or the third party that obtains the location information of the mobile device comprising the GPS receiver from the wireless service provider.</p>	<p>FollowMee does not appear to disclose anything regarding a location information provider corresponding to a party that has access to the location information of the mobile device comprising the GPS receiver but is other than the wireless service provider or the third party that obtains the location information of the mobile device comprising the GPS receiver from the wireless service provider.</p>
<p>17. The machine or group of machines of claim 12, wherein the central processing unit is programmed to communicate the location of the vehicle or the freight carried by the vehicle to cause the representation of the location of the vehicle or the freight carried by the vehicle by one of:</p>	<p>FollowMee does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle.</p>
<p>exposing an application programming interface (API) from which the location of the at least one of the vehicle or the freight carried by the vehicle is obtained, or</p>	<p>FollowMee does not appear to disclose anything regarding exposing an application programming interface (API) from which the location of the at least one of the vehicle or the freight carried by the vehicle is obtained.</p>
<p>interfacing with an exposed application programming interface (API) through which the location of the at least one of the vehicle or the freight carried by the vehicle is transmitted.</p>	<p>FollowMee does not appear to disclose anything regarding interfacing with an exposed application programming interface (API) through which the location of the at least one of the vehicle or the freight carried by the vehicle is transmitted.</p>
<p>18. The machine or group of machines of claim 12, wherein the request for information regarding the location of the at least one of the vehicle or the freight carried by the vehicle is received from a device associated with:</p>	<p>FollowMee does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the</p>

	vehicle.
a freight service provider,	FollowMee does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle to a device associated with a freight service provider.
a party to whom the freight service provider provides freight services, or	FollowMee does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle to a device associated with a party to whom the freight service provider provides freight services.
a party that provides location information services to the freight service provider or to the party to whom the freight service provider provides freight services.	FollowMee does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle to a device associated with a party that provides location information services to the freight service provider or to the party to whom the freight service provider provides freight services.
19. The machine or group of machines of claim 12, wherein the central processing unit is programmed to communicate the location of the vehicle or the freight carried by the vehicle to cause the representation of the location of the vehicle or the freight carried by the vehicle by causing display of a visual representation of the location of the vehicle or the freight carried by the vehicle on the remote device's user interface by displaying the location of the vehicle or the freight carried by the vehicle as latitude and longitude coordinates.	FollowMee does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle. More specifically, FollowMee does not appear to disclose anything regarding causing display of a visual representation of the location of the vehicle or the freight carried by the vehicle on a remote device's user interface by displaying the location of the vehicle or the freight carried by the vehicle as latitude and longitude coordinates. FollowMee shows

	<p>a map not on a remote device but on the iPhone itself.</p>
<p>20. The machine or group of machines of claim 12, wherein the central processing unit is programmed to communicate the location of the vehicle or the freight carried by the vehicle to cause the representation of the location of the vehicle or the freight carried by the vehicle by causing display of a visual representation of the location of the vehicle or the freight carried by the vehicle on the remote device's user interface by displaying the location of the vehicle or the freight carried by the vehicle as city/state.</p>	<p>FollowMee does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle.</p> <p>More specifically, FollowMee does not appear to disclose anything regarding causing display of a visual representation of the location of the vehicle or the freight carried by the vehicle on a remote device's user interface by displaying the location of the vehicle or the freight carried by the vehicle as city/state. FollowMee shows a map not on a remote device but on the iPhone itself.</p>
<p>21. The machine or group of machines of claim 12, wherein the central processing unit is programmed to communicate the location of the vehicle or the freight carried by the vehicle to cause the representation of the location of the vehicle or the freight carried by the vehicle by causing display of a visual representation of the location of the vehicle or the freight carried by the vehicle on the remote device's user interface by displaying a map that includes a mark indicating the location of the vehicle on the map.</p>	<p>FollowMee does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle.</p> <p>More specifically, FollowMee does not appear to disclose anything regarding causing display of a visual representation of the location of the vehicle or the freight carried by the vehicle on a remote device's user interface by displaying the location of the vehicle or the freight carried by the vehicle as a map that includes a mark indicating the location of the vehicle on the map. FollowMee shows a map not on a remote device but on the iPhone itself.</p>
<p>22. The machine or group of machines of claim 12, wherein the central processing unit receiving from the location information provider location information of the mobile device comprising the GPS receiver serves</p>	<p>FollowMee does not appear to disclose anything regarding the central processing unit receiving from the location information provider location information of the mobile device comprising the GPS</p>

<p>to determine whether consent was given to transmit location information of a mobile device comprising the GPS receiver.</p>	<p>receiver serving to determine whether consent was given to transmit location information of a mobile device comprising the GPS receiver.</p>
<p></p>	<p></p>
<p>23. A machine or group of machines for monitoring location of at least one of a vehicle or freight carried by the vehicle, the machine or group of machines comprising:</p>	<p></p>
<p>a server comprising a central processing unit, a memory, a clock, and a server communication transceiver that receives location information of a mobile device, the mobile device comprising a GPS receiver, a microprocessor and a wireless communication transceiver coupled to the GPS receiver, the mobile device comprising the GPS receiver programmed to receive data sent by a plurality of GPS satellites, calculate location information of the mobile device comprising the GPS receiver and transmit the location information, the central processing unit programmed to:</p>	<p></p>
<p>receive a request for information regarding the location of the vehicle or the freight carried by the vehicle, and</p>	<p>FollowMee does not appear to disclose anything regarding receiving a request for information regarding the location of the vehicle or the freight carried by the vehicle.</p>
<p>request location information of the vehicle or the freight carried by the vehicle from a location information provider;</p>	<p>FollowMee does not appear to disclose anything regarding requesting location information of the mobile device comprising the GPS receiver from a location information provider as disclosed in the present application.</p>
<p>receive an indication that consent to transmission of location information has been given; and</p>	<p>FollowMee does not appear to disclose anything specifically about receiving an indication that consent was given to transmission of location information.</p>
<p>receive location information of the vehicle or the freight carried by the vehicle from the location information provider;</p>	<p>FollowMee does not appear to disclose anything regarding receiving location information of the vehicle or the freight carried by the vehicle from the location information provider. FollowMee does not appear to disclose anything other than location of a mobile device being obtained from the mobile device.</p>

<p>estimate the location of the vehicle or the freight carried by the vehicle from the location information received from the location information provider;</p>	<p>FollowMee does not appear to disclose anything regarding estimating the location of the vehicle or the freight carried by the vehicle from the location information received from the location information provider.</p>
<p>communicate the location of the vehicle or the freight carried by the vehicle.</p>	<p>FollowMee does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle.</p>
<p>24. The machine or group of machines of claim 23, wherein the location of the vehicle or the freight carried is estimated based on a vehicle reference number or a freight reference number associated with the mobile device comprising the GPS receiver.</p>	<p>FollowMee does not appear to disclose anything regarding the central processing unit is programmed to estimate the location of the vehicle or the freight carried by the vehicle based at least in part on a vehicle reference number or a freight reference number associated with the mobile device comprising the GPS receiver.</p>
<p>25. The machine or group of machines of claim 23, wherein the location information provider corresponds to a device associated with at least one of:</p>	<p>FollowMee does not appear to disclose anything other than location of a mobile device being obtained from the mobile device.</p>
<p>a wireless service provider providing wireless service to the mobile device comprising the GPS receiver,</p>	<p>FollowMee does not appear to disclose anything regarding a wireless service provider providing wireless service to the mobile device comprising the GPS receiver.</p>
<p>a third party that obtains the location information of the mobile device comprising the GPS receiver from the wireless service provider providing wireless service to the mobile device comprising the GPS receiver, and</p>	<p>FollowMee does not appear to disclose anything regarding a location information provider corresponding to a third party that obtains the location information of the mobile device comprising the GPS receiver from the wireless service provider providing wireless service to the mobile device comprising the GPS receiver.</p>
<p>a party that has access to the location information of the mobile device comprising the GPS receiver but is other than the wireless service provider or the third party that obtains the location information of the mobile device comprising the GPS receiver from the wireless service provider.</p>	<p>FollowMee does not appear to disclose anything regarding a location information provider corresponding to a party that has access to the location information of the mobile device comprising the GPS receiver but is other than the wireless service provider or the third party that</p>

	obtains the location information of the mobile device comprising the GPS receiver from the wireless service provider.
26. The machine or group of machines of claim 23, wherein the wherein the central processing unit is programmed to communicate the location of the vehicle or the freight carried by the vehicle by one of:	FollowMee does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle.
exposing an application programming interface (API) from which the location of the at least one of the vehicle or the freight carried by the vehicle is obtained, or	FollowMee does not appear to disclose anything regarding exposing an application programming interface (API) from which the location of the at least one of the vehicle or the freight carried by the vehicle is obtained.
interfacing with an exposed application programming interface (API) through which the location of the at least one of the vehicle or the freight carried by the vehicle is transmitted.	FollowMee does not appear to disclose anything regarding interfacing with an exposed application programming interface (API) through which the location of the at least one of the vehicle or the freight carried by the vehicle is transmitted.
27. The machine or group of machines of claim 23, wherein the central processing unit is programmed to communicate the location of the vehicle or the freight carried by the vehicle to one or more of:	FollowMee does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle.
a freight service provider,	FollowMee does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle to a device associated with a freight service provider.
a party to whom the freight service provider provides freight services, and	FollowMee does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the

	vehicle or the freight carried by the vehicle to a device associated with a party to whom the freight service provider provides freight services.
a party that provides location information services to the freight service provider or to the party to whom the freight service provider provides freight services.	FollowMee does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle to a device associated with a party that provides location information services to the freight service provider or to the party to whom the freight service provider provides freight services.
28. The machine or group of machines of claim 23, wherein the central processing unit receiving from the location information provider location information of the mobile device comprising the GPS receiver is the indication that consent to transmission of location information of the mobile device comprising the GPS receiver has been given.	FollowMee does not appear to disclose anything regarding the central processing unit receiving from the location information provider location information of the mobile device comprising the GPS receiver being the indication that consent to transmission of location information of the mobile device comprising the GPS receiver has been given.

**(11) uFollowit**

The Protest states that “UFollowit is relevant because it is prior art that anticipates and/or renders obvious the applicant's invention.” An invention is defined by the claims.” *Vas-Cath Inc.*, 935 F.2d at 1565. Thus, to state that *any* prior art anticipates and/or renders obvious the applicant's invention in general, divorced from the specific claims, as the Protest does is legally incorrect.

To specifically “highlight differences between the claims within the present invention and the references cited in the protest,” applicant provides the following.

UFollowit appears to be an iPhone and iPad application that relates to obtaining the location of where transactions take place. The reference appears to be silent regarding how that location is obtained.

UFollowit does not appear to disclose anything regarding the location information of the mobile device being obtained from a location information provider or it having been originated from a device other than the mobile device comprising the GPS receiver itself as recited in the claims. Also, the reference does not appear to disclose anything about receiving a signal that indicates that consent was given to transmission of location information.

<b><u>Claims of the Present Application</u></b>	<b><u>UFollowit</u></b>
1. A machine or group of machines for monitoring location of at least one of a vehicle or freight carried by the vehicle, comprising:	UFollowit does not appear to disclose a machine or group of machines for monitoring location of at least one of a vehicle or freight carried by the vehicle.
a mobile device comprising a GPS receiver, a display, a microprocessor and a wireless communication transceiver coupled to the GPS receiver, the mobile device comprising the GPS receiver programmed to receive data sent by a plurality of GPS satellites, calculate location information of the mobile device comprising the GPS receiver and transmit the location information;	UFollowit does not appear to disclose a mobile device comprising a GPS receiver, a display, a microprocessor and a wireless communication transceiver coupled to the GPS receiver, the mobile device comprising the GPS receiver programmed to receive data sent by a plurality of GPS satellites, calculate location information of the mobile device comprising the GPS receiver and transmit the location information.
a server comprising a central processing unit, a memory, a clock, and a server communication transceiver that receives the location information of the mobile device comprising the GPS receiver, and the central processing unit programmed to:	UFollowit does not appear to disclose a server comprising a central processing unit, a memory, a clock, and a server communication transceiver that receives the location information of the mobile device comprising the GPS receiver.
receive a request for information regarding the location of the vehicle or the freight carried by the vehicle;	UFollowit does not appear to disclose anything regarding receiving a request for information regarding the location of the vehicle or the freight carried by the vehicle.
request location information of the mobile device comprising the GPS receiver from a location information provider;	UFollowit does not appear to disclose anything regarding requesting location information of the mobile device comprising the GPS receiver from a location information provider as disclosed in the present application.
receive a signal that indicates that consent was given to transmission of location information;	UFollowit does not appear to disclose anything about receiving a signal that indicates that consent was given to transmission of location information.



<p>receive from the location information provider location information of the mobile device comprising the GPS receiver, wherein the location information of the mobile device comprising the GPS receiver originated from a device other than the mobile device comprising the GPS receiver itself; and</p>	<p>UFollowit does not appear to disclose anything regarding receiving from the location information provider (as disclosed in the present application) location information of the mobile device comprising the GPS receiver. Particularly, UFollowit does not appear to disclose anything regarding the location information of the mobile device comprising the GPS receiver originated from a device other than the mobile device comprising the GPS receiver itself. UFollowit does not even appear to disclose location of a mobile device being obtained from the mobile device.</p>
<p>estimate the location of the vehicle or the freight carried by the vehicle based at least in part on the location information of the mobile device comprising the GPS receiver; and</p>	<p>UFollowit does not appear to disclose anything regarding estimating the location of the vehicle or the freight carried by the vehicle based at least in part on the location information of the mobile device comprising the GPS receiver.</p>
<p>communicate the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle.</p>	<p>UFollowit does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle.</p>
<p>2. A machine or group of machines for monitoring location of at least one of a vehicle or freight carried by the vehicle, comprising:</p>	<p>UFollowit does not appear to disclose a machine or group of machines for monitoring location of at least one of a vehicle or freight carried by the vehicle.</p>
<p>a server comprising a central processing unit, a memory, a clock, and a server communication transceiver that receives location information of a mobile device, the mobile device comprising a GPS receiver, a microprocessor and a wireless communication transceiver coupled to the GPS receiver, the mobile device comprising the GPS receiver programmed to receive data sent by a plurality of GPS satellites, calculate location information of the mobile device comprising the GPS receiver and</p>	<p>UFollowit does not appear to disclose a server comprising a central processing unit, a memory, a clock, and a server communication transceiver that receives the location information of the mobile device comprising the GPS receiver.</p>

<p>transmit the location information, the central processing unit programmed to:</p>	
<p>receive a request for information regarding the location of the vehicle or the freight carried by the vehicle;</p>	<p>UFollowit does not appear to disclose anything regarding receiving a request for information regarding the location of the vehicle or the freight carried by the vehicle.</p>
<p>request location information of the mobile device comprising the GPS receiver from a location information provider;</p>	<p>UFollowit does not appear to disclose anything regarding requesting location information of the mobile device comprising the GPS receiver from a location information provider as disclosed in the present application. UFollowit does not even appear to disclose location of a mobile device being obtained from the mobile device.</p>
<p>receive a signal that indicates that consent was given to transmission of location information;</p>	<p>UFollowit does not appear to disclose anything specifically about receiving a signal that indicates that consent was given to transmission of location information.</p>
<p>receive from the location information provider location information of the mobile device comprising the GPS receiver, wherein the location information of the mobile device comprising the GPS receiver originated from a device other than the mobile device comprising the GPS receiver itself; and</p>	<p>UFollowit does not appear to disclose anything regarding receiving from the location information provider (as disclosed in the present application) location information of the mobile device comprising the GPS receiver. Particularly, UFollowit does not appear to disclose anything regarding the location information of the mobile device comprising the GPS receiver originated from a device other than the mobile device comprising the GPS receiver itself. UFollowit does not appear to disclose even the location of a mobile device being obtained from the mobile device.</p>
<p>estimate the location of the vehicle or the freight carried by the vehicle based at least in part on the location information of the mobile device comprising the GPS receiver; and</p>	<p>UFollowit does not appear to disclose anything regarding estimating the location of the vehicle or the freight carried by the vehicle based at least in part on the location information of the mobile device comprising the GPS receiver.</p>
<p>communicate the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle</p>	<p>UFollowit does not appear to disclose anything regarding communicating the location of the vehicle or the freight</p>

or the freight carried by the vehicle.	carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle.
3. The machine or group of machines of claim 2, wherein the central processing unit is programmed to estimate the location of the vehicle or the freight carried by the vehicle based at least in part on a vehicle reference number or a freight reference number associated with the mobile device comprising the GPS receiver.	UFollowit does not appear to disclose anything regarding the central processing unit is programmed to estimate the location of the vehicle or the freight carried by the vehicle based at least in part on a vehicle reference number or a freight reference number associated with the mobile device comprising the GPS receiver.
4. The machine or group of machines of claim 2, wherein the location information provider corresponds to at least one of:	UFollowit does not appear to disclose even location of a mobile device being obtained from the mobile device.
a wireless service provider providing wireless service to the mobile device comprising the GPS receiver,	UFollowit does not appear to disclose anything regarding a wireless service provider providing wireless service to the mobile device comprising the GPS receiver.
a third party that obtains the location information of the mobile device comprising the GPS receiver from the wireless service provider providing wireless service to the mobile device comprising the GPS receiver, and	UFollowit does not appear to disclose anything regarding a location information provider corresponding to a third party that obtains the location information of the mobile device comprising the GPS receiver from the wireless service provider providing wireless service to the mobile device comprising the GPS receiver.
a party that has access to the location information of the mobile device comprising the GPS receiver but is other than the wireless service provider or the third party that obtains the location information of the mobile device comprising the GPS receiver from the wireless service provider.	UFollowit does not appear to disclose anything regarding a location information provider corresponding to a party that has access to the location information of the mobile device comprising the GPS receiver but is other than the wireless service provider or the third party that obtains the location information of the mobile device comprising the GPS receiver from the wireless service provider.
5. The machine or group of machines of claim 2, wherein the central processing unit	UFollowit does not appear to disclose anything regarding communicating the

<p>is programmed to communicate the location of the vehicle or the freight carried by the vehicle to cause the representation of the location of the vehicle or the freight carried by the vehicle by one of:</p>	<p>location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle.</p>
<p>exposing an application programming interface (API) from which the location of the at least one of the vehicle or the freight carried by the vehicle is obtained, or</p>	<p>UFollowit does not appear to disclose anything regarding exposing an application programming interface (API) from which the location of the at least one of the vehicle or the freight carried by the vehicle is obtained.</p>
<p>interfacing with an exposed application programming interface (API) through which the location of the at least one of the vehicle or the freight carried by the vehicle is transmitted.</p>	<p>UFollowit does not appear to disclose anything regarding interfacing with an exposed application programming interface (API) through which the location of the at least one of the vehicle or the freight carried by the vehicle is transmitted.</p>
<p></p>	<p></p>
<p>6. The machine or group of machines of claim 2, wherein the central processing unit is programmed to communicate the location of the vehicle or the freight carried by the vehicle to cause the representation of the location of the vehicle or the freight carried by the vehicle to a device associated with one of:</p>	<p>UFollowit does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle.</p>
<p>a freight service provider,</p>	<p>UFollowit does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle to a device associated with a freight service provider.</p>
<p>a party to whom the freight service provider provides freight services, and</p>	<p>UFollowit does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle to a device associated with a party to whom the freight service provider provides freight services.</p>
<p>a party that provides location information services to the freight service provider or to</p>	<p>UFollowit does not appear to disclose anything regarding communicating the</p>

<p>the party to whom the freight service provider provides freight services.</p>	<p>location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle to a device associated with a party that provides location information services to the freight service provider or to the party to whom the freight service provider provides freight services.</p>
<p>7. The machine or group of machines of claim 2, wherein the central processing unit receiving from the location information provider location information of the mobile device comprising the GPS receiver is the signal that indicates that consent was given to transmission of location information of the mobile device comprising the GPS receiver.</p>	<p>UFollowit does not appear to disclose anything regarding the central processing unit receiving from the location information provider location information of the mobile device comprising the GPS receiver being the signal that indicates that consent was given to transmission of location information of the mobile device comprising the GPS receiver.</p>
<p>8. The machine or group of machines of claim 2, wherein the central processing unit is programmed to communicate the location of the vehicle or the freight carried by the vehicle to cause the representation of the location of the vehicle or the freight carried by the vehicle by causing display of a visual representation of the location of the vehicle or the freight carried by the vehicle on a remote device's user interface by displaying the location of the vehicle or the freight carried by the vehicle as a) latitude and longitude coordinates, b) city/state, or c) a map that includes a mark indicating the location of the vehicle on the map.</p>	<p>UFollowit does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle. More specifically, UFollowit does not appear to disclose anything regarding causing display of a visual representation of the location of the vehicle or the freight carried by the vehicle on a remote device's user interface by displaying the location of the vehicle or the freight carried by the vehicle as a) latitude and longitude coordinates, b) city/state, or c) a map that includes a mark indicating the location of the vehicle on the map.</p>
<p>12. A machine or group of machines for monitoring location of at least one of a vehicle or freight carried by the vehicle, comprising:</p>	<p>UFollowit does not appear to disclose a machine or group of machines for monitoring location of at least one of a vehicle or freight carried by the vehicle.</p>
<p>a server comprising a central processing unit, a memory, a clock, and a server communication transceiver that receives</p>	<p>UFollowit does not appear to disclose a server comprising a central processing unit, a memory, a clock, and a server</p>

<p>location information of a mobile device, the mobile device comprising a GPS receiver, a microprocessor and a wireless communication transceiver coupled to the GPS receiver, the mobile device comprising the GPS receiver programmed to receive data sent by a plurality of GPS satellites, calculate location information of the mobile device comprising the GPS receiver and transmit the location information, the central processing unit programmed to:</p>	<p>communication transceiver that receives the location information of the mobile device comprising the GPS receiver.</p>
<p>determine whether consent was given to transmit location information of the mobile device comprising the GPS receiver;</p>	<p>UFollowit does not appear to disclose anything specifically about receiving a signal that indicates that consent was given to transmission of location information.</p>
<p>estimate the location of the at least one of the vehicle or the freight carried by the vehicle based on the location information of the mobile device comprising the GPS receiver;</p>	<p>UFollowit does not appear to disclose anything regarding estimating the location of the vehicle or the freight carried by the vehicle based at least in part on the location information of the mobile device comprising the GPS receiver.</p>
<p>receive a request for information regarding the location of the at least one of the vehicle or the freight carried by the vehicle;</p>	<p>UFollowit does not appear to disclose anything regarding receiving a request for information regarding the location of the vehicle or the freight carried by the vehicle.</p>
<p>request location information of the mobile device comprising a GPS receiver from a location information provider corresponding to a device other than the mobile device comprising the GPS receiver;</p>	<p>UFollowit does not appear to disclose anything regarding requesting location information of the mobile device comprising a GPS receiver from a location information provider (as disclosed in the present application). Particularly, UFollowit does not appear to disclose anything regarding requesting location information of the mobile device comprising a GPS receiver from a location information provider corresponding to a device other than the mobile device comprising the GPS receiver.</p>
<p>receive from the location information provider the location information of the mobile device comprising the GPS receiver; and</p>	<p>UFollowit does not appear to disclose anything regarding receiving from the location information provider (as disclosed in the present application)</p>

	<p>location information of the mobile device comprising the GPS receiver.                  UFollowit does not appear to disclose even location of a mobile device being obtained from the mobile device.</p>
<p>communicate the location of the at least one of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle by a remote device.</p>	<p>UFollowit does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle.</p>
<p>13. The machine or group of machines of claim 12, wherein the location information provider corresponds to at least one of:</p>	<p>UFollowit does not appear to disclose even location of a mobile device being obtained from the mobile device.</p>
<p>a wireless service provider providing wireless service to the mobile device comprising the GPS receiver,</p>	<p>UFollowit does not appear to disclose anything regarding a wireless service provider providing wireless service to the mobile device comprising the GPS receiver.</p>
<p>a third party that obtains the location information of the mobile device comprising the GPS receiver from the wireless service provider providing wireless service to the mobile device comprising the GPS receiver, and</p>	<p>UFollowit does not appear to disclose anything regarding a location information provider corresponding to a third party that obtains the location information of the mobile device comprising the GPS receiver from the wireless service provider providing wireless service to the mobile device comprising the GPS receiver.</p>
<p>a party that has access to the location information of the mobile device comprising the GPS receiver but is other than the wireless service provider or the third party that obtains the location information of the mobile device comprising the GPS receiver from the wireless service provider.</p>	<p>UFollowit does not appear to disclose anything regarding a location information provider corresponding to a party that has access to the location information of the mobile device comprising the GPS receiver but is other than the wireless service provider or the third party that obtains the location information of the mobile device comprising the GPS receiver from the wireless service provider.</p>
<p>17. The machine or group of machines of claim 12, wherein the central processing unit is programmed to communicate the location of the vehicle or the freight carried</p>	<p>UFollowit does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a</p>

<p>by the vehicle to cause the representation of the location of the vehicle or the freight carried by the vehicle by one of:</p>	<p>representation of the location of the vehicle or the freight carried by the vehicle.</p>
<p>exposing an application programming interface (API) from which the location of the at least one of the vehicle or the freight carried by the vehicle is obtained, or</p>	<p>UFollowit does not appear to disclose anything regarding exposing an application programming interface (API) from which the location of the at least one of the vehicle or the freight carried by the vehicle is obtained.</p>
<p>interfacing with an exposed application programming interface (API) through which the location of the at least one of the vehicle or the freight carried by the vehicle is transmitted.</p>	<p>UFollowit does not appear to disclose anything regarding interfacing with an exposed application programming interface (API) through which the location of the at least one of the vehicle or the freight carried by the vehicle is transmitted.</p>
<p>18. The machine or group of machines of claim 12, wherein the request for information regarding the location of the at least one of the vehicle or the freight carried by the vehicle is received from a device associated with:</p>	<p>UFollowit does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle.</p>
<p>a freight service provider,</p>	<p>UFollowit does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle to a device associated with a freight service provider.</p>
<p>a party to whom the freight service provider provides freight services, or</p>	<p>UFollowit does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle to a device associated with a party to whom the freight service provider provides freight services.</p>
<p>a party that provides location information services to the freight service provider or to the party to whom the freight service provider provides freight services.</p>	<p>UFollowit does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the</p>



	<p>vehicle or the freight carried by the vehicle to a device associated with a party that provides location information services to the freight service provider or to the party to whom the freight service provider provides freight services.</p>
<p>19. The machine or group of machines of claim 12, wherein the central processing unit is programmed to communicate the location of the vehicle or the freight carried by the vehicle to cause the representation of the location of the vehicle or the freight carried by the vehicle by causing display of a visual representation of the location of the vehicle or the freight carried by the vehicle on the remote device's user interface by displaying the location of the vehicle or the freight carried by the vehicle as latitude and longitude coordinates.</p>	<p>UFollowit does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle.</p> <p>More specifically, UFollowit does not appear to disclose anything regarding causing display of a visual representation of the location of the vehicle or the freight carried by the vehicle on a remote device's user interface by displaying the location of the vehicle or the freight carried by the vehicle as latitude and longitude coordinates.</p>
<p>20. The machine or group of machines of claim 12, wherein the central processing unit is programmed to communicate the location of the vehicle or the freight carried by the vehicle to cause the representation of the location of the vehicle or the freight carried by the vehicle by causing display of a visual representation of the location of the vehicle or the freight carried by the vehicle on the remote device's user interface by displaying the location of the vehicle or the freight carried by the vehicle as city/state.</p>	<p>UFollowit does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle.</p> <p>More specifically, UFollowit does not appear to disclose anything regarding causing display of a visual representation of the location of the vehicle or the freight carried by the vehicle on a remote device's user interface by displaying the location of the vehicle or the freight carried by the vehicle as city/state.</p>
<p>21. The machine or group of machines of claim 12, wherein the central processing unit is programmed to communicate the location of the vehicle or the freight carried by the vehicle to cause the representation of the location of the vehicle or the freight</p>	<p>UFollowit does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the</p>

<p>carried by the vehicle by causing display of a visual representation of the location of the vehicle or the freight carried by the vehicle on the remote device's user interface by displaying a map that includes a mark indicating the location of the vehicle on the map.</p>	<p>vehicle. More specifically, UFollowit does not appear to disclose anything regarding causing display of a visual representation of the location of the vehicle or the freight carried by the vehicle on a remote device's user interface by displaying the location of the vehicle or the freight carried by the vehicle as a map that includes a mark indicating the location of the vehicle on the map.</p>
<p>22. The machine or group of machines of claim 12, wherein the central processing unit receiving from the location information provider location information of the mobile device comprising the GPS receiver serves to determine whether consent was given to transmit location information of a mobile device comprising the GPS receiver.</p>	<p>UFollowit does not appear to disclose anything regarding the central processing unit receiving from the location information provider location information of the mobile device comprising the GPS receiver serving to determine whether consent was given to transmit location information of a mobile device comprising the GPS receiver.</p>
<p>23. A machine or group of machines for monitoring location of at least one of a vehicle or freight carried by the vehicle, the machine or group of machines comprising:</p>	<p>UFollowit does not appear to disclose a machine or group of machines for monitoring location of at least one of a vehicle or freight carried by the vehicle.</p>
<p>a server comprising a central processing unit, a memory, a clock, and a server communication transceiver that receives location information of a mobile device, the mobile device comprising a GPS receiver, a microprocessor and a wireless communication transceiver coupled to the GPS receiver, the mobile device comprising the GPS receiver programmed to receive data sent by a plurality of GPS satellites, calculate location information of the mobile device comprising the GPS receiver and transmit the location information, the central processing unit programmed to:</p>	<p>UFollowit does not appear to disclose a server comprising a central processing unit, a memory, a clock, and a server communication transceiver that receives location information of a mobile device, the mobile device comprising a GPS receiver, a microprocessor and a wireless communication transceiver coupled to the GPS receiver, the mobile device comprising the GPS receiver programmed to receive data sent by a plurality of GPS satellites, calculate location information of the mobile device comprising the GPS receiver and transmit the location information</p>
<p>receive a request for information regarding the location of the vehicle or the freight carried by the vehicle, and</p>	<p>UFollowit does not appear to disclose anything regarding receiving a request for information regarding the location of the vehicle or the freight carried by the vehicle.</p>

<p>request location information of the vehicle or the freight carried by the vehicle from a location information provider;</p>	<p>UFollowit does not appear to disclose anything regarding requesting location information of the mobile device comprising the GPS receiver from a location information provider as disclosed in the present application.</p>
<p>receive an indication that consent to transmission of location information has been given; and</p>	<p>UFollowit does not appear to disclose anything specifically about receiving an indication that consent was given to transmission of location information.</p>
<p>receive location information of the vehicle or the freight carried by the vehicle from the location information provider;</p>	<p>UFollowit does not appear to disclose anything regarding receiving location information of the vehicle or the freight carried by the vehicle from the location information provider. UFollowit does not appear to disclose even location of a mobile device being obtained from the mobile device.</p>
<p>estimate the location of the vehicle or the freight carried by the vehicle from the location information received from the location information provider;</p>	<p>UFollowit does not appear to disclose anything regarding estimating the location of the vehicle or the freight carried by the vehicle from the location information received from the location information provider.</p>
<p>communicate the location of the vehicle or the freight carried by the vehicle.</p>	<p>UFollowit does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle.</p>
<p>24. The machine or group of machines of claim 23, wherein the location of the vehicle or the freight carried is estimated based on a vehicle reference number or a freight reference number associated with the mobile device comprising the GPS receiver.</p>	<p>UFollowit does not appear to disclose anything regarding the central processing unit is programmed to estimate the location of the vehicle or the freight carried by the vehicle based at least in part on a vehicle reference number or a freight reference number associated with the mobile device comprising the GPS receiver.</p>
<p>25. The machine or group of machines of claim 23, wherein the location information provider corresponds to a device associated with at least one of:</p>	<p>UFollowit does not appear to disclose even a mobile device being obtained from the mobile device.</p>
<p>a wireless service provider providing wireless service to the mobile device comprising the GPS receiver,</p>	<p>UFollowit does not appear to disclose anything regarding a wireless service provider providing wireless service to the</p>

	mobile device comprising the GPS receiver.
a third party that obtains the location information of the mobile device comprising the GPS receiver from the wireless service provider providing wireless service to the mobile device comprising the GPS receiver, and	UFollowit does not appear to disclose anything regarding a location information provider corresponding to a third party that obtains the location information of the mobile device comprising the GPS receiver from the wireless service provider providing wireless service to the mobile device comprising the GPS receiver.
a party that has access to the location information of the mobile device comprising the GPS receiver but is other than the wireless service provider or the third party that obtains the location information of the mobile device comprising the GPS receiver from the wireless service provider.	UFollowit does not appear to disclose anything regarding a location information provider corresponding to a party that has access to the location information of the mobile device comprising the GPS receiver but is other than the wireless service provider or the third party that obtains the location information of the mobile device comprising the GPS receiver from the wireless service provider.
26. The machine or group of machines of claim 23, wherein the wherein the central processing unit is programmed to communicate the location of the vehicle or the freight carried by the vehicle by one of:	UFollowit does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle.
exposing an application programming interface (API) from which the location of the at least one of the vehicle or the freight carried by the vehicle is obtained, or	UFollowit does not appear to disclose anything regarding exposing an application programming interface (API) from which the location of the at least one of the vehicle or the freight carried by the vehicle is obtained.
interfacing with an exposed application programming interface (API) through which the location of the at least one of the vehicle or the freight carried by the vehicle is transmitted.	UFollowit does not appear to disclose anything regarding interfacing with an exposed application programming interface (API) through which the location of the at least one of the vehicle or the freight carried by the vehicle is transmitted.
27. The machine or group of machines of claim 23, wherein the central processing	UFollowit does not appear to disclose anything regarding communicating the

<p>unit is programmed to communicate the location of the vehicle or the freight carried by the vehicle to one or more of:</p>	<p>location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle.</p>
<p>a freight service provider,</p>	<p>UFollowit does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle to a device associated with a freight service provider.</p>
<p>a party to whom the freight service provider provides freight services, and</p>	<p>UFollowit does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle to a device associated with a party to whom the freight service provider provides freight services.</p>
<p>a party that provides location information services to the freight service provider or to the party to whom the freight service provider provides freight services.</p>	<p>UFollowit does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle to a device associated with a party that provides location information services to the freight service provider or to the party to whom the freight service provider provides freight services.</p>
<p>28. The machine or group of machines of claim 23, wherein the central processing unit receiving from the location information provider location information of the mobile device comprising the GPS receiver is the indication that consent to transmission of location information of the mobile device comprising the GPS receiver has been given.</p>	<p>UFollowit does not appear to disclose anything regarding the central processing unit receiving from the location information provider location information of the mobile device comprising the GPS receiver being the indication that consent to transmission of location information of the mobile device comprising the GPS receiver has been given.</p>

**(12) myGeoTracking**

The Protest states that “MyGeoTracking is relevant because it is prior art that anticipates and/or renders obvious the applicant's invention.” An invention is defined by the claims.” *Vas-Cath Inc.*, 935 F.2d at 1565. Thus, to state that *any* prior art anticipates and/or renders obvious the applicant's invention in general, divorced from the specific claims, as the Protest does is legally incorrect.

To specifically “highlight differences between the claims within the present invention and the references cited in the protest,” applicant provides the following.

MyGeoTracking appears to disclose a smart phone app that obtains the location of the device in which it is installed.

MyGeoTracking does not appear to disclose anything regarding the location information of the mobile device being obtained from a location information provider or it having been originated from a device other than the mobile device comprising the GPS receiver itself as recited in the claims. Also, the reference does not appear to disclose anything about receiving a signal that indicates that consent was given to transmission of location information.

<b><u>Claims of the Present Application</u></b>	<b><u>MyGeoTracking</u></b>
1. A machine or group of machines for monitoring location of at least one of a vehicle or freight carried by the vehicle, comprising:	
a mobile device comprising a GPS receiver, a display, a microprocessor and a wireless communication transceiver coupled to the GPS receiver, the mobile device comprising the GPS receiver programmed to receive data sent by a plurality of GPS satellites, calculate location information of the mobile device comprising the GPS receiver and transmit the location information;	
a server comprising a central processing unit, a memory, a clock, and a server communication transceiver that receives the location information of the mobile device comprising the GPS receiver, and the	

central processing unit programmed to:	
receive a request for information regarding the location of the vehicle or the freight carried by the vehicle;	
request location information of the mobile device comprising the GPS receiver from a location information provider;	MyGeoTracking does not appear to disclose anything regarding requesting location information of the mobile device comprising the GPS receiver from a location information provider as disclosed in the present application.
receive a signal that indicates that consent was given to transmission of location information;	MyGeoTracking does not appear to disclose anything about receiving a signal that indicates that consent was given to transmission of location information.
receive from the location information provider location information of the mobile device comprising the GPS receiver, wherein the location information of the mobile device comprising the GPS receiver originated from a device other than the mobile device comprising the GPS receiver itself; and	MyGeoTracking does not appear to disclose anything regarding receiving from the location information provider (as disclosed in the present application) location information of the mobile device comprising the GPS receiver. Particularly, MyGeoTracking does not appear to disclose anything regarding the location information of the mobile device comprising the GPS receiver originated from a device other than the mobile device comprising the GPS receiver itself. MyGeoTracking does not appear to disclose anything other than location of a mobile device being obtained from the mobile device.
estimate the location of the vehicle or the freight carried by the vehicle based at least in part on the location information of the mobile device comprising the GPS receiver; and	MyGeoTracking does not appear to disclose anything regarding estimating the location of the vehicle or the freight carried by the vehicle based at least in part on the location information of the mobile device comprising the GPS receiver.
communicate the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle.	
2. A machine or group of machines for monitoring location of at least one of a vehicle or freight carried by the vehicle, comprising:	

<p>a server comprising a central processing unit, a memory, a clock, and a server communication transceiver that receives location information of a mobile device, the mobile device comprising a GPS receiver, a microprocessor and a wireless communication transceiver coupled to the GPS receiver, the mobile device comprising the GPS receiver programmed to receive data sent by a plurality of GPS satellites, calculate location information of the mobile device comprising the GPS receiver and transmit the location information, the central processing unit programmed to:</p>	
<p>receive a request for information regarding the location of the vehicle or the freight carried by the vehicle;</p>	
<p>request location information of the mobile device comprising the GPS receiver from a location information provider;</p>	<p>MyGeoTracking does not appear to disclose anything regarding requesting location information of the mobile device comprising the GPS receiver from a location information provider as disclosed in the present application. MyGeoTracking does not appear to disclose anything other than location of a mobile device being obtained from the mobile device.</p>
<p>receive a signal that indicates that consent was given to transmission of location information;</p>	<p>MyGeoTracking does not appear to disclose anything about receiving a signal that indicates that consent was given to transmission of location information.</p>
<p>receive from the location information provider location information of the mobile device comprising the GPS receiver, wherein the location information of the mobile device comprising the GPS receiver originated from a device other than the mobile device comprising the GPS receiver itself; and</p>	<p>MyGeoTracking does not appear to disclose anything regarding receiving from the location information provider (as disclosed in the present application) location information of the mobile device comprising the GPS receiver. Particularly, MyGeoTracking does not appear to disclose anything regarding the location information of the mobile device comprising the GPS receiver originated from a device other than the mobile device comprising the GPS receiver itself. MyGeoTracking does not appear to disclose anything other than location of a mobile device being obtained from the</p>



	mobile device.
estimate the location of the vehicle or the freight carried by the vehicle based at least in part on the location information of the mobile device comprising the GPS receiver; and	MyGeoTracking does not appear to disclose anything regarding estimating the location of the vehicle or the freight carried by the vehicle based at least in part on the location information of the mobile device comprising the GPS receiver.
communicate the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle.	
3. The machine or group of machines of claim 2, wherein the central processing unit is programmed to estimate the location of the vehicle or the freight carried by the vehicle based at least in part on a vehicle reference number or a freight reference number associated with the mobile device comprising the GPS receiver.	MyGeoTracking does not appear to disclose anything regarding the central processing unit is programmed to estimate the location of the vehicle or the freight carried by the vehicle based at least in part on a vehicle reference number or a freight reference number associated with the mobile device comprising the GPS receiver.
4. The machine or group of machines of claim 2, wherein the location information provider corresponds to at least one of:	MyGeoTracking does not appear to disclose anything other than location of a mobile device being obtained from the mobile device.
a wireless service provider providing wireless service to the mobile device comprising the GPS receiver,	MyGeoTracking does not appear to disclose anything regarding a wireless service provider providing wireless service to the mobile device comprising the GPS receiver.
a third party that obtains the location information of the mobile device comprising the GPS receiver from the wireless service provider providing wireless service to the mobile device comprising the GPS receiver, and	MyGeoTracking does not appear to disclose anything regarding a location information provider corresponding to a third party that obtains the location information of the mobile device comprising the GPS receiver from the wireless service provider providing wireless service to the mobile device comprising the GPS receiver.
a party that has access to the location information of the mobile device comprising the GPS receiver but is other than the wireless service provider or the third party that obtains the location information of the	MyGeoTracking does not appear to disclose anything regarding a location information provider corresponding to a party that has access to the location information of the mobile device

<p>mobile device comprising the GPS receiver from the wireless service provider.</p>	<p>comprising the GPS receiver but is other than the wireless service provider or the third party that obtains the location information of the mobile device comprising the GPS receiver from the wireless service provider.</p>
<p>5. The machine or group of machines of claim 2, wherein the central processing unit is programmed to communicate the location of the vehicle or the freight carried by the vehicle to cause the representation of the location of the vehicle or the freight carried by the vehicle by one of:</p>	<p>MyGeoTracking does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle.</p>
<p>exposing an application programming interface (API) from which the location of the at least one of the vehicle or the freight carried by the vehicle is obtained, or</p>	<p>MyGeoTracking does not appear to disclose anything regarding exposing an application programming interface (API) from which the location of the at least one of the vehicle or the freight carried by the vehicle is obtained.</p>
<p>interfacing with an exposed application programming interface (API) through which the location of the at least one of the vehicle or the freight carried by the vehicle is transmitted.</p>	<p>MyGeoTracking does not appear to disclose anything regarding interfacing with an exposed application programming interface (API) through which the location of the at least one of the vehicle or the freight carried by the vehicle is transmitted.</p>
<p>6. The machine or group of machines of claim 2, wherein the central processing unit is programmed to communicate the location of the vehicle or the freight carried by the vehicle to cause the representation of the location of the vehicle or the freight carried by the vehicle to a device associated with one of:</p>	<p>MyGeoTracking does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle.</p>
<p>a freight service provider,</p>	<p>MyGeoTracking does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle to a device associated with a freight service provider.</p>
<p>a party to whom the freight service provider provides freight services, and</p>	<p>MyGeoTracking does not appear to disclose anything regarding</p>

	<p>communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle to a device associated with a party to whom the freight service provider provides freight services.</p>
<p>a party that provides location information services to the freight service provider or to the party to whom the freight service provider provides freight services.</p>	<p>MyGeoTracking does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle to a device associated with a party that provides location information services to the freight service provider or to the party to whom the freight service provider provides freight services.</p>
<p>7. The machine or group of machines of claim 2, wherein the central processing unit receiving from the location information provider location information of the mobile device comprising the GPS receiver is the signal that indicates that consent was given to transmission of location information of the mobile device comprising the GPS receiver.</p>	<p>MyGeoTracking does not appear to disclose anything regarding the central processing unit receiving from the location information provider location information of the mobile device comprising the GPS receiver being the signal that indicates that consent was given to transmission of location information of the mobile device comprising the GPS receiver.</p>
<p>8. The machine or group of machines of claim 2, wherein the central processing unit is programmed to communicate the location of the vehicle or the freight carried by the vehicle to cause the representation of the location of the vehicle or the freight carried by the vehicle by causing display of a visual representation of the location of the vehicle or the freight carried by the vehicle on a remote device's user interface by displaying the location of the vehicle or the freight carried by the vehicle as a) latitude and longitude coordinates, b) city/state, or c) a map that includes a mark indicating the location of the vehicle on the map.</p>	<p>MyGeoTracking does not appear to disclose causing display of a visual representation of the location of the vehicle or the freight carried by the vehicle on a remote device's user interface by displaying the location of the vehicle or the freight carried by the vehicle as a) latitude and longitude coordinates, or b) city/state.</p>

<p>12. A machine or group of machines for monitoring location of at least one of a vehicle or freight carried by the vehicle, comprising:</p>	
<p>a server comprising a central processing unit, a memory, a clock, and a server communication transceiver that receives location information of a mobile device, the mobile device comprising a GPS receiver, a microprocessor and a wireless communication transceiver coupled to the GPS receiver, the mobile device comprising the GPS receiver programmed to receive data sent by a plurality of GPS satellites, calculate location information of the mobile device comprising the GPS receiver and transmit the location information, the central processing unit programmed to:</p>	
<p>determine whether consent was given to transmit location information of the mobile device comprising the GPS receiver;</p>	<p>MyGeoTracking does not appear to disclose anything specifically about receiving a signal that indicates that consent was given to transmission of location information.</p>
<p>estimate the location of the at least one of the vehicle or the freight carried by the vehicle based on the location information of the mobile device comprising the GPS receiver;</p>	<p>MyGeoTracking does not appear to disclose anything regarding estimating the location of the vehicle or the freight carried by the vehicle based at least in part on the location information of the mobile device comprising the GPS receiver.</p>
<p>receive a request for information regarding the location of the at least one of the vehicle or the freight carried by the vehicle;</p>	<p>MyGeoTracking does not appear to disclose anything regarding receiving a request for information regarding the location of the vehicle or the freight carried by the vehicle.</p>
<p>request location information of the mobile device comprising a GPS receiver from a location information provider corresponding to a device other than the mobile device comprising the GPS receiver;</p>	<p>MyGeoTracking does not appear to disclose anything regarding requesting location information of the mobile device comprising a GPS receiver from a location information provider (as disclosed in the present application). Particularly, MyGeoTracking does not appear to disclose anything regarding requesting location information of the mobile device comprising a GPS receiver from a location information provider</p>

	corresponding to a device other than the mobile device comprising the GPS receiver.
receive from the location information provider the location information of the mobile device comprising the GPS receiver; and	MyGeoTracking does not appear to disclose anything regarding receiving from the location information provider (as disclosed in the present application) location information of the mobile device comprising the GPS receiver. MyGeoTracking does not appear to disclose anything other than location of a mobile device being obtained from the mobile device.
communicate the location of the at least one of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle by a remote device.	
13. The machine or group of machines of claim 12, wherein the location information provider corresponds to at least one of:	MyGeoTracking does not appear to disclose anything other than location of a mobile device being obtained from the mobile device.
a wireless service provider providing wireless service to the mobile device comprising the GPS receiver,	MyGeoTracking does not appear to disclose anything regarding a wireless service provider providing wireless service to the mobile device comprising the GPS receiver.
a third party that obtains the location information of the mobile device comprising the GPS receiver from the wireless service provider providing wireless service to the mobile device comprising the GPS receiver, and	MyGeoTracking does not appear to disclose anything regarding a location information provider corresponding to a third party that obtains the location information of the mobile device comprising the GPS receiver from the wireless service provider providing wireless service to the mobile device comprising the GPS receiver.
a party that has access to the location information of the mobile device comprising the GPS receiver but is other than the wireless service provider or the third party that obtains the location information of the mobile device comprising the GPS receiver from the wireless service provider.	MyGeoTracking does not appear to disclose anything regarding a location information provider corresponding to a party that has access to the location information of the mobile device comprising the GPS receiver but is other than the wireless service provider or the third party that obtains the location information of the mobile device

	comprising the GPS receiver from the wireless service provider.
17. The machine or group of machines of claim 12, wherein the central processing unit is programmed to communicate the location of the vehicle or the freight carried by the vehicle to cause the representation of the location of the vehicle or the freight carried by the vehicle by one of:	MyGeoTracking does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle.
exposing an application programming interface (API) from which the location of the at least one of the vehicle or the freight carried by the vehicle is obtained, or	MyGeoTracking does not appear to disclose anything regarding exposing an application programming interface (API) from which the location of the at least one of the vehicle or the freight carried by the vehicle is obtained.
interfacing with an exposed application programming interface (API) through which the location of the at least one of the vehicle or the freight carried by the vehicle is transmitted.	MyGeoTracking does not appear to disclose anything regarding interfacing with an exposed application programming interface (API) through which the location of the at least one of the vehicle or the freight carried by the vehicle is transmitted.
18. The machine or group of machines of claim 12, wherein the request for information regarding the location of the at least one of the vehicle or the freight carried by the vehicle is received from a device associated with:	MyGeoTracking does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle.
a freight service provider,	MyGeoTracking does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle to a device associated with a freight service provider.
a party to whom the freight service provider provides freight services, or	MyGeoTracking does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle to a device associated with a party

	to whom the freight service provider provides freight services.
a party that provides location information services to the freight service provider or to the party to whom the freight service provider provides freight services.	MyGeoTracking does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle to a device associated with a party that provides location information services to the freight service provider or to the party to whom the freight service provider provides freight services.
19. The machine or group of machines of claim 12, wherein the central processing unit is programmed to communicate the location of the vehicle or the freight carried by the vehicle to cause the representation of the location of the vehicle or the freight carried by the vehicle by causing display of a visual representation of the location of the vehicle or the freight carried by the vehicle on the remote device's user interface by displaying the location of the vehicle or the freight carried by the vehicle as latitude and longitude coordinates.	MyGeoTracking does not appear to disclose causing display of a visual representation of the location of the vehicle or the freight carried by the vehicle on a remote device's user interface by displaying the location of the vehicle or the freight carried by the vehicle as latitude and longitude coordinates.
20. The machine or group of machines of claim 12, wherein the central processing unit is programmed to communicate the location of the vehicle or the freight carried by the vehicle to cause the representation of the location of the vehicle or the freight carried by the vehicle by causing display of a visual representation of the location of the vehicle or the freight carried by the vehicle on the remote device's user interface by displaying the location of the vehicle or the freight carried by the vehicle as city/state.	MyGeoTracking does not appear to disclose causing display of a visual representation of the location of the vehicle or the freight carried by the vehicle on a remote device's user interface by displaying the location of the vehicle or the freight carried by the vehicle as city/state.
21. The machine or group of machines of claim 12, wherein the central processing unit is programmed to communicate the location of the vehicle or the freight carried by the vehicle to cause the representation of	

<p>the location of the vehicle or the freight carried by the vehicle by causing display of a visual representation of the location of the vehicle or the freight carried by the vehicle on the remote device's user interface by displaying a map that includes a mark indicating the location of the vehicle on the map.</p>	
<p>22. The machine or group of machines of claim 12, wherein the central processing unit receiving from the location information provider location information of the mobile device comprising the GPS receiver serves to determine whether consent was given to transmit location information of a mobile device comprising the GPS receiver.</p>	<p>MyGeoTracking does not appear to disclose anything regarding the central processing unit receiving from the location information provider location information of the mobile device comprising the GPS receiver serving to determine whether consent was given to transmit location information of a mobile device comprising the GPS receiver.</p>
<p>23. A machine or group of machines for monitoring location of at least one of a vehicle or freight carried by the vehicle, the machine or group of machines comprising:</p>	
<p>a server comprising a central processing unit, a memory, a clock, and a server communication transceiver that receives location information of a mobile device, the mobile device comprising a GPS receiver, a microprocessor and a wireless communication transceiver coupled to the GPS receiver, the mobile device comprising the GPS receiver programmed to receive data sent by a plurality of GPS satellites, calculate location information of the mobile device comprising the GPS receiver and transmit the location information, the central processing unit programmed to:</p>	
<p>receive a request for information regarding the location of the vehicle or the freight carried by the vehicle, and</p>	
<p>request location information of the vehicle or the freight carried by the vehicle from a location information provider;</p>	<p>MyGeoTracking does not appear to disclose anything regarding requesting location information of the mobile device comprising the GPS receiver from a location information provider as disclosed in the present application.</p>



<p>receive an indication that consent to transmission of location information has been given; and</p>	<p>MyGeoTracking does not appear to disclose anything specifically about receiving an indication that consent was given to transmission of location information.</p>
<p>receive location information of the vehicle or the freight carried by the vehicle from the location information provider;</p>	<p>MyGeoTracking does not appear to disclose anything regarding receiving location information of the vehicle or the freight carried by the vehicle from the location information provider. MyGeoTracking does not appear to disclose anything other than location of a mobile device being obtained from the mobile device.</p>
<p>estimate the location of the vehicle or the freight carried by the vehicle from the location information received from the location information provider;</p>	<p>MyGeoTracking does not appear to disclose anything regarding estimating the location of the vehicle or the freight carried by the vehicle from the location information received from the location information provider.</p>
<p>communicate the location of the vehicle or the freight carried by the vehicle.</p>	
<p>24. The machine or group of machines of claim 23, wherein the location of the vehicle or the freight carried is estimated based on a vehicle reference number or a freight reference number associated with the mobile device comprising the GPS receiver.</p>	<p>MyGeoTracking does not appear to disclose anything regarding the central processing unit is programmed to estimate the location of the vehicle or the freight carried by the vehicle based at least in part on a vehicle reference number or a freight reference number associated with the mobile device comprising the GPS receiver.</p>
<p>25. The machine or group of machines of claim 23, wherein the location information provider corresponds to a device associated with at least one of:</p>	<p>MyGeoTracking does not appear to disclose anything other than location of a mobile device being obtained from the mobile device.</p>
<p>a wireless service provider providing wireless service to the mobile device comprising the GPS receiver,</p>	<p>MyGeoTracking does not appear to disclose anything regarding a wireless service provider providing wireless service to the mobile device comprising the GPS receiver.</p>
<p>a third party that obtains the location information of the mobile device comprising the GPS receiver from the wireless service provider providing wireless service to the</p>	<p>MyGeoTracking does not appear to disclose anything regarding a location information provider corresponding to a third party that obtains the location</p>

<p>mobile device comprising the GPS receiver, and</p>	<p>information of the mobile device comprising the GPS receiver from the wireless service provider providing wireless service to the mobile device comprising the GPS receiver.</p>
<p>a party that has access to the location information of the mobile device comprising the GPS receiver but is other than the wireless service provider or the third party that obtains the location information of the mobile device comprising the GPS receiver from the wireless service provider.</p>	<p>MyGeoTracking does not appear to disclose anything regarding a location information provider corresponding to a party that has access to the location information of the mobile device comprising the GPS receiver but is other than the wireless service provider or the third party that obtains the location information of the mobile device comprising the GPS receiver from the wireless service provider.</p>
<p>26. The machine or group of machines of claim 23, wherein the wherein the central processing unit is programmed to communicate the location of the vehicle or the freight carried by the vehicle by one of:</p>	<p>MyGeoTracking does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle.</p>
<p>exposing an application programming interface (API) from which the location of the at least one of the vehicle or the freight carried by the vehicle is obtained, or</p>	<p>MyGeoTracking does not appear to disclose anything regarding exposing an application programming interface (API) from which the location of the at least one of the vehicle or the freight carried by the vehicle is obtained.</p>
<p>interfacing with an exposed application programming interface (API) through which the location of the at least one of the vehicle or the freight carried by the vehicle is transmitted.</p>	<p>MyGeoTracking does not appear to disclose anything regarding interfacing with an exposed application programming interface (API) through which the location of the at least one of the vehicle or the freight carried by the vehicle is transmitted.</p>
<p>27. The machine or group of machines of claim 23, wherein the central processing unit is programmed to communicate the location of the vehicle or the freight carried by the vehicle to one or more of:</p>	<p>MyGeoTracking does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle.</p>
<p>a freight service provider,</p>	<p>MyGeoTracking does not appear to</p>

	disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle to a device associated with a freight service provider.
a party to whom the freight service provider provides freight services, and	MyGeoTracking does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle to a device associated with a party to whom the freight service provider provides freight services.
a party that provides location information services to the freight service provider or to the party to whom the freight service provider provides freight services.	MyGeoTracking does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle to a device associated with a party that provides location information services to the freight service provider or to the party to whom the freight service provider provides freight services.
28. The machine or group of machines of claim 23, wherein the central processing unit receiving from the location information provider location information of the mobile device comprising the GPS receiver is the indication that consent to transmission of location information of the mobile device comprising the GPS receiver has been given.	MyGeoTracking does not appear to disclose anything regarding the central processing unit receiving from the location information provider location information of the mobile device comprising the GPS receiver being the indication that consent to transmission of location information of the mobile device comprising the GPS receiver has been given.

**(13) MoosTrax**

The Protest states that “MoosTrax is relevant because it is prior art that anticipates and/or renders obvious the applicant's invention.” An invention is defined by the claims.” *Vas-Cath Inc.*, 935 F.2d at 1565. Thus, to state that *any* prior art anticipates and/or

renders obvious the applicant's invention in general, divorced from the specific claims, as the Protest does is legally incorrect.

To specifically “highlight differences between the claims within the present invention and the references cited in the protest,” applicant provides the following.

MoosTrax appears to be an iPhone application that obtains the location of the device in which it is installed.

MoosTrax does not appear to disclose anything regarding the location information of the mobile device being obtained from a location information provider or it having been originated from a device other than the mobile device comprising the GPS receiver itself as recited in the claims. Also, the reference does not appear to disclose anything about receiving a signal that indicates that consent was given to transmission of location information.

<b><u>Claims of the Present Application</u></b>	<b><u>MoosTrax</u></b>
1. A machine or group of machines for monitoring location of at least one of a vehicle or freight carried by the vehicle, comprising:	MoosTrax does not appear to disclose a machine or group of machines for monitoring location of at least one of a vehicle or freight carried by the vehicle.
a mobile device comprising a GPS receiver, a display, a microprocessor and a wireless communication transceiver coupled to the GPS receiver, the mobile device comprising the GPS receiver programmed to receive data sent by a plurality of GPS satellites, calculate location information of the mobile device comprising the GPS receiver and transmit the location information;	
a server comprising a central processing unit, a memory, a clock, and a server communication transceiver that receives the location information of the mobile device comprising the GPS receiver, and the central processing unit programmed to:	MoosTrax does not appear to disclose a server comprising a central processing unit, a memory, a clock, and a server communication transceiver that receives the location information of the mobile device comprising the GPS receiver.
receive a request for information regarding the location of the vehicle or the freight carried by the vehicle;	MoosTrax does not appear to disclose anything regarding receiving a request for information regarding the location of the vehicle or the freight carried by the vehicle.

<p>request location information of the mobile device comprising the GPS receiver from a location information provider;</p>	<p>MoosTrax does not appear to disclose anything regarding requesting location information of the mobile device comprising the GPS receiver from a location information provider as disclosed in the present application.</p>
<p>receive a signal that indicates that consent was given to transmission of location information;</p>	<p>MoosTrax does not appear to disclose anything about receiving a signal that indicates that consent was given to transmission of location information.</p>
<p>receive from the location information provider location information of the mobile device comprising the GPS receiver, wherein the location information of the mobile device comprising the GPS receiver originated from a device other than the mobile device comprising the GPS receiver itself; and</p>	<p>MoosTrax does not appear to disclose anything regarding receiving from the location information provider (as disclosed in the present application) location information of the mobile device comprising the GPS receiver. Particularly, MoosTrax does not appear to disclose anything regarding the location information of the mobile device comprising the GPS receiver originated from a device other than the mobile device comprising the GPS receiver itself. MoosTrax does not appear to disclose anything other than location of a mobile device being obtained from the mobile device.</p>
<p>estimate the location of the vehicle or the freight carried by the vehicle based at least in part on the location information of the mobile device comprising the GPS receiver; and</p>	<p>MoosTrax does not appear to disclose anything regarding estimating the location of the vehicle or the freight carried by the vehicle based at least in part on the location information of the mobile device comprising the GPS receiver.</p>
<p>communicate the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle.</p>	<p>MoosTrax does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle.</p>
<p>2. A machine or group of machines for monitoring location of at least one of a vehicle or freight carried by the vehicle, comprising:</p>	<p>MoosTrax does not appear to disclose a machine or group of machines for monitoring location of at least one of a vehicle or freight carried by the vehicle.</p>
<p>a server comprising a central processing</p>	<p>MoosTrax does not appear to disclose a</p>

<p>unit, a memory, a clock, and a server communication transceiver that receives location information of a mobile device, the mobile device comprising a GPS receiver, a microprocessor and a wireless communication transceiver coupled to the GPS receiver, the mobile device comprising the GPS receiver programmed to receive data sent by a plurality of GPS satellites, calculate location information of the mobile device comprising the GPS receiver and transmit the location information, the central processing unit programmed to:</p>	<p>server comprising a central processing unit, a memory, a clock, and a server communication transceiver that receives the location information of the mobile device comprising the GPS receiver.</p>
<p>receive a request for information regarding the location of the vehicle or the freight carried by the vehicle;</p>	<p>MoosTrax does not appear to disclose anything regarding receiving a request for information regarding the location of the vehicle or the freight carried by the vehicle.</p>
<p>request location information of the mobile device comprising the GPS receiver from a location information provider;</p>	<p>MoosTrax does not appear to disclose anything regarding requesting location information of the mobile device comprising the GPS receiver from a location information provider as disclosed in the present application. MoosTrax does not appear to disclose anything other than location of a mobile device being obtained from the mobile device.</p>
<p>receive a signal that indicates that consent was given to transmission of location information;</p>	<p>MoosTrax does not appear to disclose anything specifically about receiving a signal that indicates that consent was given to transmission of location information.</p>
<p>receive from the location information provider location information of the mobile device comprising the GPS receiver, wherein the location information of the mobile device comprising the GPS receiver originated from a device other than the mobile device comprising the GPS receiver itself; and</p>	<p>MoosTrax does not appear to disclose anything regarding receiving from the location information provider (as disclosed in the present application) location information of the mobile device comprising the GPS receiver. Particularly, MoosTrax does not appear to disclose anything regarding the location information of the mobile device comprising the GPS receiver originated from a device other than the mobile device comprising the GPS receiver itself. MoosTrax does not appear to disclose anything other than location of a mobile</p>

	device being obtained from the mobile device.
estimate the location of the vehicle or the freight carried by the vehicle based at least in part on the location information of the mobile device comprising the GPS receiver; and	MoosTrax does not appear to disclose anything regarding estimating the location of the vehicle or the freight carried by the vehicle based at least in part on the location information of the mobile device comprising the GPS receiver.
communicate the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle.	MoosTrax does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle.
3. The machine or group of machines of claim 2, wherein the central processing unit is programmed to estimate the location of the vehicle or the freight carried by the vehicle based at least in part on a vehicle reference number or a freight reference number associated with the mobile device comprising the GPS receiver.	MoosTrax does not appear to disclose anything regarding the central processing unit is programmed to estimate the location of the vehicle or the freight carried by the vehicle based at least in part on a vehicle reference number or a freight reference number associated with the mobile device comprising the GPS receiver.
4. The machine or group of machines of claim 2, wherein the location information provider corresponds to at least one of:	MoosTrax does not appear to disclose anything other than location of a mobile device being obtained from the mobile device.
a wireless service provider providing wireless service to the mobile device comprising the GPS receiver,	MoosTrax does not appear to disclose anything regarding a wireless service provider providing wireless service to the mobile device comprising the GPS receiver.
a third party that obtains the location information of the mobile device comprising the GPS receiver from the wireless service provider providing wireless service to the mobile device comprising the GPS receiver, and	MoosTrax does not appear to disclose anything regarding a location information provider corresponding to a third party that obtains the location information of the mobile device comprising the GPS receiver from the wireless service provider providing wireless service to the mobile device comprising the GPS receiver.
a party that has access to the location	MoosTrax does not appear to disclose

<p>information of the mobile device comprising the GPS receiver but is other than the wireless service provider or the third party that obtains the location information of the mobile device comprising the GPS receiver from the wireless service provider.</p>	<p>anything regarding a location information provider corresponding to a party that has access to the location information of the mobile device comprising the GPS receiver but is other than the wireless service provider or the third party that obtains the location information of the mobile device comprising the GPS receiver from the wireless service provider.</p>
<p>5. The machine or group of machines of claim 2, wherein the central processing unit is programmed to communicate the location of the vehicle or the freight carried by the vehicle to cause the representation of the location of the vehicle or the freight carried by the vehicle by one of:</p>	<p>MoosTrax does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle.</p>
<p>exposing an application programming interface (API) from which the location of the at least one of the vehicle or the freight carried by the vehicle is obtained, or</p>	<p>MoosTrax does not appear to disclose anything regarding exposing an application programming interface (API) from which the location of the at least one of the vehicle or the freight carried by the vehicle is obtained.</p>
<p>interfacing with an exposed application programming interface (API) through which the location of the at least one of the vehicle or the freight carried by the vehicle is transmitted.</p>	<p>MoosTrax does not appear to disclose anything regarding interfacing with an exposed application programming interface (API) through which the location of the at least one of the vehicle or the freight carried by the vehicle is transmitted.</p>
<p>6. The machine or group of machines of claim 2, wherein the central processing unit is programmed to communicate the location of the vehicle or the freight carried by the vehicle to cause the representation of the location of the vehicle or the freight carried by the vehicle to a device associated with one of:</p>	<p>MoosTrax does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle.</p>
<p>a freight service provider,</p>	<p>MoosTrax does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the</p>



	vehicle to a device associated with a freight service provider.
a party to whom the freight service provider provides freight services, and	MoosTrax does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle to a device associated with a party to whom the freight service provider provides freight services.
a party that provides location information services to the freight service provider or to the party to whom the freight service provider provides freight services.	MoosTrax does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle to a device associated with a party that provides location information services to the freight service provider or to the party to whom the freight service provider provides freight services.
7. The machine or group of machines of claim 2, wherein the central processing unit receiving from the location information provider location information of the mobile device comprising the GPS receiver is the signal that indicates that consent was given to transmission of location information of the mobile device comprising the GPS receiver.	MoosTrax does not appear to disclose anything regarding the central processing unit receiving from the location information provider location information of the mobile device comprising the GPS receiver being the signal that indicates that consent was given to transmission of location information of the mobile device comprising the GPS receiver.
8. The machine or group of machines of claim 2, wherein the central processing unit is programmed to communicate the location of the vehicle or the freight carried by the vehicle to cause the representation of the location of the vehicle or the freight carried by the vehicle by causing display of a visual representation of the location of the vehicle or the freight carried by the vehicle on a remote device's user interface by displaying the location of the vehicle or the freight carried by the vehicle as a) latitude and longitude coordinates, b) city/state, or c) a	MoosTrax does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle. More specifically, MoosTrax does not appear to disclose anything regarding causing display of a visual representation of the location of the vehicle or the freight carried by the vehicle on a remote device's user interface by displaying the

<p>map that includes a mark indicating the location of the vehicle on the map.</p>	<p>location of the vehicle or the freight carried by the vehicle as a) latitude and longitude coordinates, b) city/state, or c) a map that includes a mark indicating the location of the vehicle on the map. MoosTrax shows a map not on a remote device but on the iPhone itself.</p>
<p>12. A machine or group of machines for monitoring location of at least one of a vehicle or freight carried by the vehicle, comprising:</p>	<p>MoosTrax does not appear to disclose a machine or group of machines for monitoring location of at least one of a vehicle or freight carried by the vehicle.</p>
<p>a server comprising a central processing unit, a memory, a clock, and a server communication transceiver that receives location information of a mobile device, the mobile device comprising a GPS receiver, a microprocessor and a wireless communication transceiver coupled to the GPS receiver, the mobile device comprising the GPS receiver programmed to receive data sent by a plurality of GPS satellites, calculate location information of the mobile device comprising the GPS receiver and transmit the location information, the central processing unit programmed to:</p>	<p>MoosTrax does not appear to disclose a server comprising a central processing unit, a memory, a clock, and a server communication transceiver that receives the location information of the mobile device comprising the GPS receiver.</p>
<p>determine whether consent was given to transmit location information of the mobile device comprising the GPS receiver;</p>	<p>MoosTrax does not appear to disclose anything specifically about receiving a signal that indicates that consent was given to transmission of location information.</p>
<p>estimate the location of the at least one of the vehicle or the freight carried by the vehicle based on the location information of the mobile device comprising the GPS receiver;</p>	<p>MoosTrax does not appear to disclose anything regarding estimating the location of the vehicle or the freight carried by the vehicle based at least in part on the location information of the mobile device comprising the GPS receiver.</p>
<p>receive a request for information regarding the location of the at least one of the vehicle or the freight carried by the vehicle;</p>	<p>MoosTrax does not appear to disclose anything regarding receiving a request for information regarding the location of the vehicle or the freight carried by the vehicle.</p>
<p>request location information of the mobile device comprising a GPS receiver from a location information provider corresponding</p>	<p>MoosTrax does not appear to disclose anything regarding requesting location information of the mobile device</p>

<p>to a device other than the mobile device comprising the GPS receiver;</p>	<p>comprising a GPS receiver from a location information provider (as disclosed in the present application). Particularly, MoosTrax does not appear to disclose anything regarding requesting location information of the mobile device comprising a GPS receiver from a location information provider corresponding to a device other than the mobile device comprising the GPS receiver.</p>
<p>receive from the location information provider the location information of the mobile device comprising the GPS receiver; and</p>	<p>MoosTrax does not appear to disclose anything regarding receiving from the location information provider (as disclosed in the present application) location information of the mobile device comprising the GPS receiver. MoosTrax does not appear to disclose anything other than location of a mobile device being obtained from the mobile device.</p>
<p>communicate the location of the at least one of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle by a remote device.</p>	<p>MoosTrax does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle.</p>
<p>13. The machine or group of machines of claim 12, wherein the location information provider corresponds to at least one of:</p>	<p>MoosTrax does not appear to disclose anything other than location of a mobile device being obtained from the mobile device.</p>
<p>a wireless service provider providing wireless service to the mobile device comprising the GPS receiver,</p>	<p>MoosTrax does not appear to disclose anything regarding a wireless service provider providing wireless service to the mobile device comprising the GPS receiver.</p>
<p>a third party that obtains the location information of the mobile device comprising the GPS receiver from the wireless service provider providing wireless service to the mobile device comprising the GPS receiver, and</p>	<p>MoosTrax does not appear to disclose anything regarding a location information provider corresponding to a third party that obtains the location information of the mobile device comprising the GPS receiver from the wireless service provider providing wireless service to the mobile device comprising the GPS</p>

	receiver.
a party that has access to the location information of the mobile device comprising the GPS receiver but is other than the wireless service provider or the third party that obtains the location information of the mobile device comprising the GPS receiver from the wireless service provider.	MoosTrax does not appear to disclose anything regarding a location information provider corresponding to a party that has access to the location information of the mobile device comprising the GPS receiver but is other than the wireless service provider or the third party that obtains the location information of the mobile device comprising the GPS receiver from the wireless service provider.
17. The machine or group of machines of claim 12, wherein the central processing unit is programmed to communicate the location of the vehicle or the freight carried by the vehicle to cause the representation of the location of the vehicle or the freight carried by the vehicle by one of:	MoosTrax does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle.
exposing an application programming interface (API) from which the location of the at least one of the vehicle or the freight carried by the vehicle is obtained, or	MoosTrax does not appear to disclose anything regarding exposing an application programming interface (API) from which the location of the at least one of the vehicle or the freight carried by the vehicle is obtained.
interfacing with an exposed application programming interface (API) through which the location of the at least one of the vehicle or the freight carried by the vehicle is transmitted.	MoosTrax does not appear to disclose anything regarding interfacing with an exposed application programming interface (API) through which the location of the at least one of the vehicle or the freight carried by the vehicle is transmitted.
18. The machine or group of machines of claim 12, wherein the request for information regarding the location of the at least one of the vehicle or the freight carried by the vehicle is received from a device associated with:	MoosTrax does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle.
a freight service provider,	MoosTrax does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the

	vehicle or the freight carried by the vehicle to a device associated with a freight service provider.
a party to whom the freight service provider provides freight services, or	MoosTrax does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle to a device associated with a party to whom the freight service provider provides freight services.
a party that provides location information services to the freight service provider or to the party to whom the freight service provider provides freight services.	MoosTrax does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle to a device associated with a party that provides location information services to the freight service provider or to the party to whom the freight service provider provides freight services.
19. The machine or group of machines of claim 12, wherein the central processing unit is programmed to communicate the location of the vehicle or the freight carried by the vehicle to cause the representation of the location of the vehicle or the freight carried by the vehicle by causing display of a visual representation of the location of the vehicle or the freight carried by the vehicle on the remote device's user interface by displaying the location of the vehicle or the freight carried by the vehicle as latitude and longitude coordinates.	MoosTrax does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle. More specifically, MoosTrax does not appear to disclose anything regarding causing display of a visual representation of the location of the vehicle or the freight carried by the vehicle on a remote device's user interface by displaying the location of the vehicle or the freight carried by the vehicle as latitude and longitude coordinates. MoosTrax shows a map not on a remote device but on the iPhone itself.
20. The machine or group of machines of claim 12, wherein the central processing unit is programmed to communicate the	MoosTrax does not appear to disclose anything regarding communicating the location of the vehicle or the freight

<p>location of the vehicle or the freight carried by the vehicle to cause the representation of the location of the vehicle or the freight carried by the vehicle by causing display of a visual representation of the location of the vehicle or the freight carried by the vehicle on the remote device's user interface by displaying the location of the vehicle or the freight carried by the vehicle as city/state.</p>	<p>carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle.                  More specifically, MoosTrax does not appear to disclose anything regarding causing display of a visual representation of the location of the vehicle or the freight carried by the vehicle on a remote device's user interface by displaying the location of the vehicle or the freight carried by the vehicle as city/state. MoosTrax shows a map not on a remote device but on the iPhone itself.</p>
<p>21. The machine or group of machines of claim 12, wherein the central processing unit is programmed to communicate the location of the vehicle or the freight carried by the vehicle to cause the representation of the location of the vehicle or the freight carried by the vehicle by causing display of a visual representation of the location of the vehicle or the freight carried by the vehicle on the remote device's user interface by displaying a map that includes a mark indicating the location of the vehicle on the map.</p>	<p>MoosTrax does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle.                  More specifically, MoosTrax does not appear to disclose anything regarding causing display of a visual representation of the location of the vehicle or the freight carried by the vehicle on a remote device's user interface by displaying the location of the vehicle or the freight carried by the vehicle as a map that includes a mark indicating the location of the vehicle on the map. MoosTrax shows a map not on a remote device but on the iPhone itself.</p>
<p>22. The machine or group of machines of claim 12, wherein the central processing unit receiving from the location information provider location information of the mobile device comprising the GPS receiver serves to determine whether consent was given to transmit location information of a mobile device comprising the GPS receiver.</p>	<p>MoosTrax does not appear to disclose anything regarding the central processing unit receiving from the location information provider location information of the mobile device comprising the GPS receiver serving to determine whether consent was given to transmit location information of a mobile device comprising the GPS receiver.</p>
<p>23. A machine or group of machines for</p>	<p>MoosTrax does not appear to disclose a</p>

<p>monitoring location of at least one of a vehicle or freight carried by the vehicle, the machine or group of machines comprising:</p>	<p>machine or group of machines for monitoring location of at least one of a vehicle or freight carried by the vehicle.</p>
<p>a server comprising a central processing unit, a memory, a clock, and a server communication transceiver that receives location information of a mobile device, the mobile device comprising a GPS receiver, a microprocessor and a wireless communication transceiver coupled to the GPS receiver, the mobile device comprising the GPS receiver programmed to receive data sent by a plurality of GPS satellites, calculate location information of the mobile device comprising the GPS receiver and transmit the location information, the central processing unit programmed to:</p>	<p>MoosTrax does not appear to disclose a server comprising a central processing unit, a memory, a clock, and a server communication transceiver that receives the location information of the mobile device comprising the GPS receiver.</p>
<p>receive a request for information regarding the location of the vehicle or the freight carried by the vehicle, and</p>	<p>MoosTrax does not appear to disclose anything regarding receiving a request for information regarding the location of the vehicle or the freight carried by the vehicle.</p>
<p>request location information of the vehicle or the freight carried by the vehicle from a location information provider;</p>	<p>MoosTrax does not appear to disclose anything regarding requesting location information of the mobile device comprising the GPS receiver from a location information provider as disclosed in the present application.</p>
<p>receive an indication that consent to transmission of location information has been given; and</p>	<p>MoosTrax does not appear to disclose anything specifically about receiving an indication that consent was given to transmission of location information.</p>
<p>receive location information of the vehicle or the freight carried by the vehicle from the location information provider;</p>	<p>MoosTrax does not appear to disclose anything regarding receiving location information of the vehicle or the freight carried by the vehicle from the location information provider. MoosTrax does not appear to disclose anything other than location of a mobile device being obtained from the mobile device.</p>
<p>estimate the location of the vehicle or the freight carried by the vehicle from the location information received from the location information provider;</p>	<p>MoosTrax does not appear to disclose anything regarding estimating the location of the vehicle or the freight carried by the vehicle from the location information received from the location information provider.</p>

communicate the location of the vehicle or the freight carried by the vehicle.	MoosTrax does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle.
24. The machine or group of machines of claim 23, wherein the location of the vehicle or the freight carried is estimated based on a vehicle reference number or a freight reference number associated with the mobile device comprising the GPS receiver.	MoosTrax does not appear to disclose anything regarding the central processing unit is programmed to estimate the location of the vehicle or the freight carried by the vehicle based at least in part on a vehicle reference number or a freight reference number associated with the mobile device comprising the GPS receiver.
25. The machine or group of machines of claim 23, wherein the location information provider corresponds to a device associated with at least one of:	MoosTrax does not appear to disclose anything other than location of a mobile device being obtained from the mobile device.
a wireless service provider providing wireless service to the mobile device comprising the GPS receiver,	MoosTrax does not appear to disclose anything regarding a wireless service provider providing wireless service to the mobile device comprising the GPS receiver.
a third party that obtains the location information of the mobile device comprising the GPS receiver from the wireless service provider providing wireless service to the mobile device comprising the GPS receiver, and	MoosTrax does not appear to disclose anything regarding a location information provider corresponding to a third party that obtains the location information of the mobile device comprising the GPS receiver from the wireless service provider providing wireless service to the mobile device comprising the GPS receiver.
a party that has access to the location information of the mobile device comprising the GPS receiver but is other than the wireless service provider or the third party that obtains the location information of the mobile device comprising the GPS receiver from the wireless service provider.	MoosTrax does not appear to disclose anything regarding a location information provider corresponding to a party that has access to the location information of the mobile device comprising the GPS receiver but is other than the wireless service provider or the third party that obtains the location information of the mobile device comprising the GPS receiver from the wireless service provider.
26. The machine or group of machines of	MoosTrax does not appear to disclose



<p>claim 23, wherein the wherein the central processing unit is programmed to communicate the location of the vehicle or the freight carried by the vehicle by one of:</p>	<p>anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle.</p>
<p>exposing an application programming interface (API) from which the location of the at least one of the vehicle or the freight carried by the vehicle is obtained, or</p>	<p>MoosTrax does not appear to disclose anything regarding exposing an application programming interface (API) from which the location of the at least one of the vehicle or the freight carried by the vehicle is obtained.</p>
<p>interfacing with an exposed application programming interface (API) through which the location of the at least one of the vehicle or the freight carried by the vehicle is transmitted.</p>	<p>MoosTrax does not appear to disclose anything regarding interfacing with an exposed application programming interface (API) through which the location of the at least one of the vehicle or the freight carried by the vehicle is transmitted.</p>
<p>27. The machine or group of machines of claim 23, wherein the central processing unit is programmed to communicate the location of the vehicle or the freight carried by the vehicle to one or more of:</p>	<p>MoosTrax does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle.</p>
<p>a freight service provider,</p>	<p>MoosTrax does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle to a device associated with a freight service provider.</p>
<p>a party to whom the freight service provider provides freight services, and</p>	<p>MoosTrax does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle to a device associated with a party to whom the freight service provider provides freight services.</p>
<p>a party that provides location information services to the freight service provider or to</p>	<p>MoosTrax does not appear to disclose anything regarding communicating the</p>

<p>the party to whom the freight service provider provides freight services.</p>	<p>location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle to a device associated with a party that provides location information services to the freight service provider or to the party to whom the freight service provider provides freight services.</p>
<p>28. The machine or group of machines of claim 23, wherein the central processing unit receiving from the location information provider location information of the mobile device comprising the GPS receiver is the indication that consent to transmission of location information of the mobile device comprising the GPS receiver has been given.</p>	<p>MoosTrax does not appear to disclose anything regarding the central processing unit receiving from the location information provider location information of the mobile device comprising the GPS receiver being the indication that consent to transmission of location information of the mobile device comprising the GPS receiver has been given.</p>

**(14) MileBug**

The Protest states that “MileBug is relevant because it is prior art that anticipates and/or renders obvious the applicant's invention.” An invention is defined by the claims.” *Vas-Cath Inc.*, 935 F.2d at 1565. Thus, to state that *any* prior art anticipates and/or renders obvious the applicant's invention in general, divorced from the specific claims, as the Protest does is legally incorrect.

To specifically “highlight differences between the claims within the present invention and the references cited in the protest,” applicant provides the following.

MileBug appears to be an iPhone application that tracks mileage of trips and related expenses based on the location of the device in which it is installed.

MileBug does not appear to disclose anything regarding the location information of the mobile device being obtained from a location information provider or it having been originated from a device other than the mobile device comprising the GPS receiver itself as recited in the claims. Also, the reference does not appear to disclose anything about receiving a signal that indicates that consent was given to transmission of location information.

<u>Claims of the Present Application</u>	<u>MileBug</u>
1. A machine or group of machines for monitoring location of at least one of a vehicle or freight carried by the vehicle, comprising:	
a mobile device comprising a GPS receiver, a display, a microprocessor and a wireless communication transceiver coupled to the GPS receiver, the mobile device comprising the GPS receiver programmed to receive data sent by a plurality of GPS satellites, calculate location information of the mobile device comprising the GPS receiver and transmit the location information;	
a server comprising a central processing unit, a memory, a clock, and a server communication transceiver that receives the location information of the mobile device comprising the GPS receiver, and the central processing unit programmed to:	MileBug does not appear to disclose a server comprising a central processing unit, a memory, a clock, and a server communication transceiver that receives the location information of the mobile device comprising the GPS receiver.
receive a request for information regarding the location of the vehicle or the freight carried by the vehicle;	
request location information of the mobile device comprising the GPS receiver from a location information provider;	MileBug does not appear to disclose anything regarding requesting location information of the mobile device comprising the GPS receiver from a location information provider as disclosed in the present application.
receive a signal that indicates that consent was given to transmission of location information;	MileBug does not appear to disclose anything about receiving a signal that indicates that consent was given to transmission of location information.
receive from the location information provider location information of the mobile device comprising the GPS receiver, wherein the location information of the mobile device comprising the GPS receiver originated from a device other than the mobile device comprising the GPS receiver itself; and	MileBug does not appear to disclose anything regarding receiving from the location information provider (as disclosed in the present application) location information of the mobile device comprising the GPS receiver. Particularly, MileBug does not appear to disclose anything regarding the location information of the mobile device comprising the GPS receiver originated from a device other than the mobile device comprising the GPS receiver itself.

	MileBug does not appear to disclose anything other than location of a mobile device being obtained from the mobile device.
estimate the location of the vehicle or the freight carried by the vehicle based at least in part on the location information of the mobile device comprising the GPS receiver; and	MileBug does not appear to disclose anything regarding estimating the location of the vehicle or the freight carried by the vehicle based at least in part on the location information of the mobile device comprising the GPS receiver.
communicate the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle.	
2. A machine or group of machines for monitoring location of at least one of a vehicle or freight carried by the vehicle, comprising:	
a server comprising a central processing unit, a memory, a clock, and a server communication transceiver that receives location information of a mobile device, the mobile device comprising a GPS receiver, a microprocessor and a wireless communication transceiver coupled to the GPS receiver, the mobile device comprising the GPS receiver programmed to receive data sent by a plurality of GPS satellites, calculate location information of the mobile device comprising the GPS receiver and transmit the location information, the central processing unit programmed to:	MileBug does not appear to disclose a server comprising a central processing unit, a memory, a clock, and a server communication transceiver that receives the location information of the mobile device comprising the GPS receiver.
receive a request for information regarding the location of the vehicle or the freight carried by the vehicle;	
request location information of the mobile device comprising the GPS receiver from a location information provider;	MileBug does not appear to disclose anything regarding requesting location information of the mobile device comprising the GPS receiver from a location information provider as disclosed in the present application. MileBug does not appear to disclose anything other than location of a mobile device being obtained from the mobile device.

<p>receive a signal that indicates that consent was given to transmission of location information;</p>	<p>MileBug does not appear to disclose anything specifically about receiving a signal that indicates that consent was given to transmission of location information.</p>
<p>receive from the location information provider location information of the mobile device comprising the GPS receiver, wherein the location information of the mobile device comprising the GPS receiver originated from a device other than the mobile device comprising the GPS receiver itself; and</p>	<p>MileBug does not appear to disclose anything regarding receiving from the location information provider (as disclosed in the present application) location information of the mobile device comprising the GPS receiver. Particularly, MileBug does not appear to disclose anything regarding the location information of the mobile device comprising the GPS receiver originated from a device other than the mobile device comprising the GPS receiver itself. MileBug does not appear to disclose anything other than location of a mobile device being obtained from the mobile device.</p>
<p>estimate the location of the vehicle or the freight carried by the vehicle based at least in part on the location information of the mobile device comprising the GPS receiver; and</p>	<p>MileBug does not appear to disclose anything regarding estimating the location of the vehicle or the freight carried by the vehicle based at least in part on the location information of the mobile device comprising the GPS receiver.</p>
<p>communicate the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle.</p>	
<p>3. The machine or group of machines of claim 2, wherein the central processing unit is programmed to estimate the location of the vehicle or the freight carried by the vehicle based at least in part on a vehicle reference number or a freight reference number associated with the mobile device comprising the GPS receiver.</p>	<p>MileBug does not appear to disclose anything regarding the central processing unit is programmed to estimate the location of the vehicle or the freight carried by the vehicle based at least in part on a vehicle reference number or a freight reference number associated with the mobile device comprising the GPS receiver.</p>
<p>4. The machine or group of machines of claim 2, wherein the location information provider corresponds to at least one of:</p>	<p>MileBug does not appear to disclose anything other than location of a mobile device being obtained from the mobile</p>

	device.
a wireless service provider providing wireless service to the mobile device comprising the GPS receiver,	MileBug does not appear to disclose anything regarding a wireless service provider providing wireless service to the mobile device comprising the GPS receiver.
a third party that obtains the location information of the mobile device comprising the GPS receiver from the wireless service provider providing wireless service to the mobile device comprising the GPS receiver, and	MileBug does not appear to disclose anything regarding a location information provider corresponding to a third party that obtains the location information of the mobile device comprising the GPS receiver from the wireless service provider providing wireless service to the mobile device comprising the GPS receiver.
a party that has access to the location information of the mobile device comprising the GPS receiver but is other than the wireless service provider or the third party that obtains the location information of the mobile device comprising the GPS receiver from the wireless service provider.	MileBug does not appear to disclose anything regarding a location information provider corresponding to a party that has access to the location information of the mobile device comprising the GPS receiver but is other than the wireless service provider or the third party that obtains the location information of the mobile device comprising the GPS receiver from the wireless service provider.
5. The machine or group of machines of claim 2, wherein the central processing unit is programmed to communicate the location of the vehicle or the freight carried by the vehicle to cause the representation of the location of the vehicle or the freight carried by the vehicle by one of:	
exposing an application programming interface (API) from which the location of the at least one of the vehicle or the freight carried by the vehicle is obtained, or	MileBug does not appear to disclose anything regarding exposing an application programming interface (API) from which the location of the at least one of the vehicle or the freight carried by the vehicle is obtained.
interfacing with an exposed application programming interface (API) through which the location of the at least one of the vehicle or the freight carried by the vehicle is transmitted.	MileBug does not appear to disclose anything regarding interfacing with an exposed application programming interface (API) through which the location of the at least one of the vehicle or the freight carried by the vehicle is

	transmitted.
6. The machine or group of machines of claim 2, wherein the central processing unit is programmed to communicate the location of the vehicle or the freight carried by the vehicle to cause the representation of the location of the vehicle or the freight carried by the vehicle to a device associated with one of:	
a freight service provider,	MileBug does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle to a device associated with a freight service provider.
a party to whom the freight service provider provides freight services, and	MileBug does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle to a device associated with a party to whom the freight service provider provides freight services.
a party that provides location information services to the freight service provider or to the party to whom the freight service provider provides freight services.	MileBug does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle to a device associated with a party that provides location information services to the freight service provider or to the party to whom the freight service provider provides freight services.
7. The machine or group of machines of claim 2, wherein the central processing unit receiving from the location information provider location information of the mobile device comprising the GPS receiver is the signal that indicates that consent was given to transmission of location information of the	MileBug does not appear to disclose anything regarding the central processing unit receiving from the location information provider location information of the mobile device comprising the GPS receiver being the signal that indicates that consent was given to transmission of

mobile device comprising the GPS receiver.	location information of the mobile device comprising the GPS receiver.
<p>8. The machine or group of machines of claim 2, wherein the central processing unit is programmed to communicate the location of the vehicle or the freight carried by the vehicle to cause the representation of the location of the vehicle or the freight carried by the vehicle by causing display of a visual representation of the location of the vehicle or the freight carried by the vehicle on a remote device's user interface by displaying the location of the vehicle or the freight carried by the vehicle as a) latitude and longitude coordinates, b) city/state, or c) a map that includes a mark indicating the location of the vehicle on the map.</p>	<p>MileBug does not appear to disclose anything regarding causing display of a visual representation of the location of the vehicle or the freight carried by the vehicle on a remote device's user interface by displaying the location of the vehicle or the freight carried by the vehicle as a) latitude and longitude coordinates, b) city/state, or c) a map that includes a mark indicating the location of the vehicle on the map. MileBug shows a map not on a remote device but on the iPhone itself.</p>
<p>12. A machine or group of machines for monitoring location of at least one of a vehicle or freight carried by the vehicle, comprising:</p>	
<p>a server comprising a central processing unit, a memory, a clock, and a server communication transceiver that receives location information of a mobile device, the mobile device comprising a GPS receiver, a microprocessor and a wireless communication transceiver coupled to the GPS receiver, the mobile device comprising the GPS receiver programmed to receive data sent by a plurality of GPS satellites, calculate location information of the mobile device comprising the GPS receiver and transmit the location information, the central processing unit programmed to:</p>	<p>MileBug does not appear to disclose a server comprising a central processing unit, a memory, a clock, and a server communication transceiver that receives the location information of the mobile device comprising the GPS receiver.</p>
<p>determine whether consent was given to transmit location information of the mobile device comprising the GPS receiver;</p>	<p>MileBug does not appear to disclose anything specifically about receiving a signal that indicates that consent was given to transmission of location information.</p>
<p>estimate the location of the at least one of the vehicle or the freight carried by the vehicle based on the location information of the mobile device comprising the GPS</p>	<p>MileBug does not appear to disclose anything regarding estimating the location of the vehicle or the freight carried by the vehicle based at least in</p>



receiver;	part on the location information of the mobile device comprising the GPS receiver.
receive a request for information regarding the location of the at least one of the vehicle or the freight carried by the vehicle;	
request location information of the mobile device comprising a GPS receiver from a location information provider corresponding to a device other than the mobile device comprising the GPS receiver;	MileBug does not appear to disclose anything regarding requesting location information of the mobile device comprising a GPS receiver from a location information provider (as disclosed in the present application). Particularly, MileBug does not appear to disclose anything regarding requesting location information of the mobile device comprising a GPS receiver from a location information provider corresponding to a device other than the mobile device comprising the GPS receiver.
receive from the location information provider the location information of the mobile device comprising the GPS receiver; and	MileBug does not appear to disclose anything regarding receiving from the location information provider (as disclosed in the present application) location information of the mobile device comprising the GPS receiver. MileBug does not appear to disclose anything other than location of a mobile device being obtained from the mobile device.
communicate the location of the at least one of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle by a remote device.	
13. The machine or group of machines of claim 12, wherein the location information provider corresponds to at least one of:	MileBug does not appear to disclose anything other than location of a mobile device being obtained from the mobile device.
a wireless service provider providing wireless service to the mobile device comprising the GPS receiver,	MileBug does not appear to disclose anything regarding a wireless service provider providing wireless service to the mobile device comprising the GPS receiver.
a third party that obtains the location	MileBug does not appear to disclose

<p>information of the mobile device comprising the GPS receiver from the wireless service provider providing wireless service to the mobile device comprising the GPS receiver, and</p>	<p>anything regarding a location information provider corresponding to a third party that obtains the location information of the mobile device comprising the GPS receiver from the wireless service provider providing wireless service to the mobile device comprising the GPS receiver.</p>
<p>a party that has access to the location information of the mobile device comprising the GPS receiver but is other than the wireless service provider or the third party that obtains the location information of the mobile device comprising the GPS receiver from the wireless service provider.</p>	<p>MileBug does not appear to disclose anything regarding a location information provider corresponding to a party that has access to the location information of the mobile device comprising the GPS receiver but is other than the wireless service provider or the third party that obtains the location information of the mobile device comprising the GPS receiver from the wireless service provider.</p>
<p>17. The machine or group of machines of claim 12, wherein the central processing unit is programmed to communicate the location of the vehicle or the freight carried by the vehicle to cause the representation of the location of the vehicle or the freight carried by the vehicle by one of:</p>	
<p>exposing an application programming interface (API) from which the location of the at least one of the vehicle or the freight carried by the vehicle is obtained, or</p>	<p>MileBug does not appear to disclose anything regarding exposing an application programming interface (API) from which the location of the at least one of the vehicle or the freight carried by the vehicle is obtained.</p>
<p>interfacing with an exposed application programming interface (API) through which the location of the at least one of the vehicle or the freight carried by the vehicle is transmitted.</p>	<p>MileBug does not appear to disclose anything regarding interfacing with an exposed application programming interface (API) through which the location of the at least one of the vehicle or the freight carried by the vehicle is transmitted.</p>
<p>18. The machine or group of machines of claim 12, wherein the request for information regarding the location of the at least one of the vehicle or the freight carried by the vehicle is received from a device</p>	

associated with:	
a freight service provider,	MileBug does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle to a device associated with a freight service provider.
a party to whom the freight service provider provides freight services, or	MileBug does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle to a device associated with a party to whom the freight service provider provides freight services.
a party that provides location information services to the freight service provider or to the party to whom the freight service provider provides freight services.	MileBug does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle to a device associated with a party that provides location information services to the freight service provider or to the party to whom the freight service provider provides freight services.
19. The machine or group of machines of claim 12, wherein the central processing unit is programmed to communicate the location of the vehicle or the freight carried by the vehicle to cause the representation of the location of the vehicle or the freight carried by the vehicle by causing display of a visual representation of the location of the vehicle or the freight carried by the vehicle on the remote device's user interface by displaying the location of the vehicle or the freight carried by the vehicle as latitude and longitude coordinates.	MileBug does not appear to disclose causing display of a visual representation of the location of the vehicle or the freight carried by the vehicle on a remote device's user interface by displaying the location of the vehicle or the freight carried by the vehicle as latitude and longitude coordinates. MileBug shows a map not on a remote device but on the iPhone itself.
20. The machine or group of machines of claim 12, wherein the central processing	MileBug does not appear to disclose causing display of a visual representation

<p>unit is programmed to communicate the location of the vehicle or the freight carried by the vehicle to cause the representation of the location of the vehicle or the freight carried by the vehicle by causing display of a visual representation of the location of the vehicle or the freight carried by the vehicle on the remote device's user interface by displaying the location of the vehicle or the freight carried by the vehicle as city/state.</p>	<p>of the location of the vehicle or the freight carried by the vehicle on a remote device's user interface by displaying the location of the vehicle or the freight carried by the vehicle as city/state. MileBug shows a map not on a remote device but on the iPhone itself.</p>
<p>21. The machine or group of machines of claim 12, wherein the central processing unit is programmed to communicate the location of the vehicle or the freight carried by the vehicle to cause the representation of the location of the vehicle or the freight carried by the vehicle by causing display of a visual representation of the location of the vehicle or the freight carried by the vehicle on the remote device's user interface by displaying a map that includes a mark indicating the location of the vehicle on the map.</p>	<p>MileBug does not appear to disclose causing display of a visual representation of the location of the vehicle or the freight carried by the vehicle on a remote device's user interface by displaying the location of the vehicle or the freight carried by the vehicle as a map that includes a mark indicating the location of the vehicle on the map. MileBug shows a map not on a remote device but on the iPhone itself.</p>
<p>22. The machine or group of machines of claim 12, wherein the central processing unit receiving from the location information provider location information of the mobile device comprising the GPS receiver serves to determine whether consent was given to transmit location information of a mobile device comprising the GPS receiver.</p>	<p>MileBug does not appear to disclose anything regarding the central processing unit receiving from the location information provider location information of the mobile device comprising the GPS receiver serving to determine whether consent was given to transmit location information of a mobile device comprising the GPS receiver.</p>
<p>23. A machine or group of machines for monitoring location of at least one of a vehicle or freight carried by the vehicle, the machine or group of machines comprising:</p>	
<p>a server comprising a central processing unit, a memory, a clock, and a server communication transceiver that receives location information of a mobile device, the mobile device comprising a GPS receiver, a microprocessor and a wireless communication transceiver coupled to the</p>	<p>MileBug does not appear to disclose a server comprising a central processing unit, a memory, a clock, and a server communication transceiver that receives the location information of the mobile device comprising the GPS receiver.</p>

<p>GPS receiver, the mobile device comprising the GPS receiver programmed to receive data sent by a plurality of GPS satellites, calculate location information of the mobile device comprising the GPS receiver and transmit the location information, the central processing unit programmed to:</p>	
<p>receive a request for information regarding the location of the vehicle or the freight carried by the vehicle, and</p>	
<p>request location information of the vehicle or the freight carried by the vehicle from a location information provider;</p>	<p>MileBug does not appear to disclose anything regarding requesting location information of the mobile device comprising the GPS receiver from a location information provider as disclosed in the present application.</p>
<p>receive an indication that consent to transmission of location information has been given; and</p>	<p>MileBug does not appear to disclose anything specifically about receiving an indication that consent was given to transmission of location information.</p>
<p>receive location information of the vehicle or the freight carried by the vehicle from the location information provider;</p>	<p>MileBug does not appear to disclose anything regarding receiving location information of the vehicle or the freight carried by the vehicle from the location information provider. MileBug does not appear to disclose anything other than location of a mobile device being obtained from the mobile device.</p>
<p>estimate the location of the vehicle or the freight carried by the vehicle from the location information received from the location information provider;</p>	<p>MileBug does not appear to disclose anything regarding estimating the location of the vehicle or the freight carried by the vehicle from the location information received from the location information provider.</p>
<p>communicate the location of the vehicle or the freight carried by the vehicle.</p>	
<p>24. The machine or group of machines of claim 23, wherein the location of the vehicle or the freight carried is estimated based on a vehicle reference number or a freight reference number associated with the mobile device comprising the GPS receiver.</p>	<p>MileBug does not appear to disclose anything regarding the central processing unit is programmed to estimate the location of the vehicle or the freight carried by the vehicle based at least in part on a vehicle reference number or a freight reference number associated with the mobile device comprising the GPS receiver.</p>

<p>25. The machine or group of machines of claim 23, wherein the location information provider corresponds to a device associated with at least one of:</p>	<p>MileBug does not appear to disclose anything other than location of a mobile device being obtained from the mobile device.</p>
<p>a wireless service provider providing wireless service to the mobile device comprising the GPS receiver,</p>	<p>MileBug does not appear to disclose anything regarding a wireless service provider providing wireless service to the mobile device comprising the GPS receiver.</p>
<p>a third party that obtains the location information of the mobile device comprising the GPS receiver from the wireless service provider providing wireless service to the mobile device comprising the GPS receiver, and</p>	<p>MileBug does not appear to disclose anything regarding a location information provider corresponding to a third party that obtains the location information of the mobile device comprising the GPS receiver from the wireless service provider providing wireless service to the mobile device comprising the GPS receiver.</p>
<p>a party that has access to the location information of the mobile device comprising the GPS receiver but is other than the wireless service provider or the third party that obtains the location information of the mobile device comprising the GPS receiver from the wireless service provider.</p>	<p>MileBug does not appear to disclose anything regarding a location information provider corresponding to a party that has access to the location information of the mobile device comprising the GPS receiver but is other than the wireless service provider or the third party that obtains the location information of the mobile device comprising the GPS receiver from the wireless service provider.</p>
<p>26. The machine or group of machines of claim 23, wherein the wherein the central processing unit is programmed to communicate the location of the vehicle or the freight carried by the vehicle by one of:</p>	
<p>exposing an application programming interface (API) from which the location of the at least one of the vehicle or the freight carried by the vehicle is obtained, or</p>	<p>MileBug does not appear to disclose anything regarding exposing an application programming interface (API) from which the location of the at least one of the vehicle or the freight carried by the vehicle is obtained.</p>
<p>interfacing with an exposed application programming interface (API) through which the location of the at least one of the vehicle or the freight carried by the vehicle is</p>	<p>MileBug does not appear to disclose anything regarding interfacing with an exposed application programming interface (API) through which the location</p>

<p>transmitted.</p>	<p>of the at least one of the vehicle or the freight carried by the vehicle is transmitted.</p>
<p>27. The machine or group of machines of claim 23, wherein the central processing unit is programmed to communicate the location of the vehicle or the freight carried by the vehicle to one or more of:</p>	
<p>a freight service provider,</p>	<p>MileBug does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle to a device associated with a freight service provider.</p>
<p>a party to whom the freight service provider provides freight services, and</p>	<p>MileBug does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle to a device associated with a party to whom the freight service provider provides freight services.</p>
<p>a party that provides location information services to the freight service provider or to the party to whom the freight service provider provides freight services.</p>	<p>MileBug does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle to a device associated with a party that provides location information services to the freight service provider or to the party to whom the freight service provider provides freight services.</p>
<p>28. The machine or group of machines of claim 23, wherein the central processing unit receiving from the location information provider location information of the mobile device comprising the GPS receiver is the indication that consent to transmission of location information of the mobile device comprising the GPS receiver has been</p>	<p>MileBug does not appear to disclose anything regarding the central processing unit receiving from the location information provider location information of the mobile device comprising the GPS receiver being the indication that consent to transmission of location information of the mobile device comprising the GPS</p>

given.	receiver has been given.
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**(15) Enterprise**

The Protest states that “Enterprise is relevant because it is prior art that anticipates and/or renders obvious the applicant's invention.” As discussed above, an “invention is defined by the claims.” *Vas-Cath Inc. v. Mahurkar*, 935 F.2d 1555, 1565 (Fed. Cir. 1991). Thus, to state that *any* prior art anticipates and/or renders obvious the applicant's invention in general, divorced from the specific claims, as the Protest does is legally incorrect.

To specifically “highlight differences between the claims within the present invention and the references cited in the protest,” applicant provides the following.

Enterprise discloses techniques for automatically locating incoming callers to an Interactive Voice Response (IVR) system. See PP. 6-13. The document discusses how operators of call centers may determine location of incoming callers by using one of three sources: 1) entry by caller, 2) database look-up (wireline only), and 3) computed wireless location. See PP. 6-13. Enterprise talks generally about privacy considerations, similar to the disclosure regarding privacy that appear in the Background section of the present application.

The reference does not appear to disclose anything regarding a machine or group of machines for monitoring location of at least one of a vehicle or freight carried by the vehicle as in the claims of the present application. The reference does not appear to disclose anything regarding the location information of the mobile device comprising the GPS receiver being received from a location information provider or it being originated from a device other than the mobile device comprising the GPS receiver itself as recited in the claims.

<b><u>Claims of the Present Application</u></b>	<b><u>Enterprise</u></b>
1. A machine or group of machines for monitoring location of at least one of a vehicle or freight carried by the vehicle, comprising:	Enterprise discloses sources of location according to call origin such as 1) manual entry by caller, 2) database look-up (wireline only), and 3) computed wireless location. Enterprise does not appear to



	disclose anything regarding a machine or group of machines for monitoring location of at least one of a vehicle or freight carried by the vehicle.
a mobile device comprising a GPS receiver, a display, a microprocessor and a wireless communication transceiver coupled to the GPS receiver, the mobile device comprising the GPS receiver programmed to receive data sent by a plurality of GPS satellites, calculate location information of the mobile device comprising the GPS receiver and transmit the location information;	
a server comprising a central processing unit, a memory, a clock, and a server communication transceiver that receives the location information of the mobile device comprising the GPS receiver, and the central processing unit programmed to:	Enterprise does not appear to disclose anything regarding a server comprising a central processing unit, a memory, a clock, and a server communication transceiver that receives the location information of the mobile device comprising the GPS receiver
receive a request for information regarding the location of the vehicle or the freight carried by the vehicle;	Enterprise does not appear to disclose anything regarding receiving a request for information regarding the location of the vehicle or the freight carried by the vehicle.
request location information of the mobile device comprising the GPS receiver from a location information provider;	Enterprise does not appear to disclose anything regarding requesting location information of the mobile device comprising the GPS receiver from a location information provider as disclosed in the present application.
receive a signal that indicates that consent was given to transmission of location information;	Enterprise talks about privacy considerations. However, Enterprise does not appear to disclose anything specifically about receiving a signal that indicates that consent was given to transmission of location information.
receive from the location information provider location information of the mobile device comprising the GPS receiver, wherein the location information of the mobile device comprising the GPS receiver originated from a device other than the mobile device comprising the GPS receiver itself; and	Enterprise does not appear to disclose anything regarding receiving from the location information provider (as disclosed in the present application) location information of the mobile device comprising the GPS receiver. Particularly, Enterprise does not appear to disclose anything regarding the location

	<p>information of the mobile device comprising the GPS receiver originated from a device other than the mobile device comprising the GPS receiver itself. Enterprise does not appear to disclose anything other than location of a mobile device being obtained from the mobile device.</p>
<p>estimate the location of the vehicle or the freight carried by the vehicle based at least in part on the location information of the mobile device comprising the GPS receiver; and</p>	<p>Enterprise does not appear to disclose anything regarding estimating the location of the vehicle or the freight carried by the vehicle based at least in part on the location information of the mobile device comprising the GPS receiver.</p>
<p>communicate the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle.</p>	<p>Enterprise does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle.</p>
<p>2. A machine or group of machines for monitoring location of at least one of a vehicle or freight carried by the vehicle, comprising:</p>	<p>Enterprise discloses sources of location according to call origin such as 1) manual entry by caller, 2) database look-up (wireline only), and 3) computed wireless location. Enterprise does not appear to disclose anything regarding a machine or group of machines for monitoring location of at least one of a vehicle or freight carried by the vehicle.</p>
<p>a server comprising a central processing unit, a memory, a clock, and a server communication transceiver that receives location information of a mobile device, the mobile device comprising a GPS receiver, a microprocessor and a wireless communication transceiver coupled to the GPS receiver, the mobile device comprising the GPS receiver programmed to receive data sent by a plurality of GPS satellites, calculate location information of the mobile device comprising the GPS receiver and transmit the location information, the central processing unit programmed to:</p>	<p>Enterprise does not appear to disclose anything regarding a server comprising a central processing unit, a memory, a clock, and a server communication transceiver that receives location information of a mobile device, the mobile device comprising a GPS receiver, a microprocessor and a wireless communication transceiver coupled to the GPS receiver, the mobile device comprising the GPS receiver programmed to receive data sent by a plurality of GPS satellites, calculate location information of the mobile device</p>

	comprising the GPS receiver and transmit the location information.
receive a request for information regarding the location of the vehicle or the freight carried by the vehicle;	Enterprise does not appear to disclose anything regarding receiving a request for information regarding the location of the vehicle or the freight carried by the vehicle.
request location information of the mobile device comprising the GPS receiver from a location information provider;	Enterprise does not appear to disclose anything regarding requesting location information of the mobile device comprising the GPS receiver from a location information provider as disclosed in the present application.
receive a signal that indicates that consent was given to transmission of location information;	Enterprise talks about privacy considerations. However, Enterprise does not appear to disclose anything specifically about receiving a signal that indicates that consent was given to transmission of location information.
receive from the location information provider location information of the mobile device comprising the GPS receiver, wherein the location information of the mobile device comprising the GPS receiver originated from a device other than the mobile device comprising the GPS receiver itself; and	Enterprise does not appear to disclose anything regarding receiving from the location information provider (as disclosed in the present application) location information of the mobile device comprising the GPS receiver. Particularly, TechnoCom White Paper does not appear to disclose anything regarding the location information of the mobile device comprising the GPS receiver originated from a device other than the mobile device comprising the GPS receiver itself. Enterprise does not appear to disclose anything other than location of a mobile device being obtained from the mobile device.
estimate the location of the vehicle or the freight carried by the vehicle based at least in part on the location information of the mobile device comprising the GPS receiver; and	Enterprise does not appear to disclose anything regarding estimating the location of the vehicle or the freight carried by the vehicle based at least in part on the location information of the mobile device comprising the GPS receiver.
communicate the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle.	Enterprise does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a

	representation of the location of the vehicle or the freight carried by the vehicle.
3. The machine or group of machines of claim 2, wherein the central processing unit is programmed to estimate the location of the vehicle or the freight carried by the vehicle based at least in part on a vehicle reference number or a freight reference number associated with the mobile device comprising the GPS receiver.	Enterprise does not appear to disclose anything regarding the central processing unit is programmed to estimate the location of the vehicle or the freight carried by the vehicle based at least in part on a vehicle reference number or a freight reference number associated with the mobile device comprising the GPS receiver.
4. The machine or group of machines of claim 2, wherein the location information provider corresponds to at least one of:	Enterprise does not appear to disclose anything other than location of a mobile device being obtained from the mobile device.
a wireless service provider providing wireless service to the mobile device comprising the GPS receiver,	Enterprise does not appear to disclose anything regarding a location information provider corresponding to a wireless service provider providing wireless service to the mobile device comprising the GPS receiver.
a third party that obtains the location information of the mobile device comprising the GPS receiver from the wireless service provider providing wireless service to the mobile device comprising the GPS receiver, and	Enterprise does not appear to disclose anything regarding a location information provider corresponding to a third party that obtains the location information of the mobile device comprising the GPS receiver from the wireless service provider providing wireless service to the mobile device comprising the GPS receiver.
a party that has access to the location information of the mobile device comprising the GPS receiver but is other than the wireless service provider or the third party that obtains the location information of the mobile device comprising the GPS receiver from the wireless service provider.	Enterprise does not appear to disclose anything regarding a location information provider corresponding to a party that has access to the location information of the mobile device comprising the GPS receiver but is other than the wireless service provider or the third party that obtains the location information of the mobile device comprising the GPS receiver from the wireless service provider.
5. The machine or group of machines of	Enterprise does not appear to disclose

<p>claim 2, wherein the central processing unit is programmed to communicate the location of the vehicle or the freight carried by the vehicle to cause the representation of the location of the vehicle or the freight carried by the vehicle by one of:</p>	<p>anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle.</p>
<p>exposing an application programming interface (API) from which the location of the at least one of the vehicle or the freight carried by the vehicle is obtained, or</p>	<p>Enterprise does not appear to disclose anything regarding exposing an application programming interface (API) from which the location of the at least one of the vehicle or the freight carried by the vehicle is obtained.</p>
<p>interfacing with an exposed application programming interface (API) through which the location of the at least one of the vehicle or the freight carried by the vehicle is transmitted.</p>	<p>Enterprise does not appear to disclose anything regarding interfacing with an exposed application programming interface (API) through which the location of the at least one of the vehicle or the freight carried by the vehicle is transmitted.</p>
<p>6. The machine or group of machines of claim 2, wherein the central processing unit is programmed to communicate the location of the vehicle or the freight carried by the vehicle to cause the representation of the location of the vehicle or the freight carried by the vehicle to a device associated with one of:</p>	<p>Enterprise does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle.</p>
<p>a freight service provider,</p>	<p>Enterprise does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle to a device associated with a freight service provider.</p>
<p>a party to whom the freight service provider provides freight services, and</p>	<p>Enterprise does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle to a device associated with a party to whom the freight service provider provides freight services.</p>
<p>a party that provides location information</p>	<p>Enterprise does not appear to disclose</p>

<p>services to the freight service provider or to the party to whom the freight service provider provides freight services.</p>	<p>anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle to a device associated with a party that provides location information services to the freight service provider or to the party to whom the freight service provider provides freight services.</p>
<p>7. The machine or group of machines of claim 2, wherein the central processing unit receiving from the location information provider location information of the mobile device comprising the GPS receiver is the signal that indicates that consent was given to transmission of location information of the mobile device comprising the GPS receiver.</p>	<p>Enterprise does not appear to disclose anything regarding the central processing unit receiving from the location information provider location information of the mobile device comprising the GPS receiver being the signal that indicates that consent was given to transmission of location information of the mobile device comprising the GPS receiver.</p>
<p>8. The machine or group of machines of claim 2, wherein the central processing unit is programmed to communicate the location of the vehicle or the freight carried by the vehicle to cause the representation of the location of the vehicle or the freight carried by the vehicle by causing display of a visual representation of the location of the vehicle or the freight carried by the vehicle on a remote device's user interface by displaying the location of the vehicle or the freight carried by the vehicle as a) latitude and longitude coordinates, b) city/state, or c) a map that includes a mark indicating the location of the vehicle on the map.</p>	<p>Enterprise does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle. More specifically, Enterprise does not appear to disclose anything regarding causing display of a visual representation of the location of the vehicle or the freight carried by the vehicle on a remote device's user interface by displaying the location of the vehicle or the freight carried by the vehicle as a) latitude and longitude coordinates, b) city/state, or c) a map that includes a mark indicating the location of the vehicle on the map.</p>
<p>12. A machine or group of machines for monitoring location of at least one of a vehicle or freight carried by the vehicle, comprising:</p>	<p>Enterprise discloses sources of location according to call origin such as 1) manual entry by caller, 2) database look-up (wireline only), and 3) computed wireless location. Enterprise does not appear to disclose anything regarding a machine or</p>

	group of machines for monitoring location of at least one of a vehicle or freight carried by the vehicle.
<p>a server comprising a central processing unit, a memory, a clock, and a server communication transceiver that receives location information of a mobile device, the mobile device comprising a GPS receiver, a microprocessor and a wireless communication transceiver coupled to the GPS receiver, the mobile device comprising the GPS receiver programmed to receive data sent by a plurality of GPS satellites, calculate location information of the mobile device comprising the GPS receiver and transmit the location information, the central processing unit programmed to:</p>	<p>Enterprise does not appear to disclose anything regarding a server comprising a central processing unit, a memory, a clock, and a server communication transceiver that receives location information of a mobile device, the mobile device comprising a GPS receiver, a microprocessor and a wireless communication transceiver coupled to the GPS receiver, the mobile device comprising the GPS receiver programmed to receive data sent by a plurality of GPS satellites, calculate location information of the mobile device comprising the GPS receiver and transmit the location information.</p>
<p>determine whether consent was given to transmit location information of the mobile device comprising the GPS receiver;</p>	<p>Enterprise talks about privacy considerations.</p>
<p>estimate the location of the at least one of the vehicle or the freight carried by the vehicle based on the location information of the mobile device comprising the GPS receiver;</p>	<p>Enterprise does not appear to disclose anything regarding estimating the location of the vehicle or the freight carried by the vehicle based at least in part on the location information of the mobile device comprising the GPS receiver.</p>
<p>receive a request for information regarding the location of the at least one of the vehicle or the freight carried by the vehicle;</p>	<p>Enterprise does not appear to disclose anything regarding receiving a request for information regarding the location of the vehicle or the freight carried by the vehicle.</p>
<p>request location information of the mobile device comprising a GPS receiver from a location information provider corresponding to a device other than the mobile device comprising the GPS receiver;</p>	<p>Enterprise does not appear to disclose anything regarding requesting location information of the mobile device comprising a GPS receiver from a location information provider (as disclosed in the present application). Particularly, Enterprise does not appear to disclose anything regarding requesting location information of the mobile device comprising a GPS receiver from a location information provider corresponding to a device other than the</p>

	mobile device comprising the GPS receiver.
receive from the location information provider the location information of the mobile device comprising the GPS receiver; and	Enterprise does not appear to disclose anything regarding receiving from the location information provider (as disclosed in the present application) location information of the mobile device comprising the GPS receiver.
communicate the location of the at least one of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle by a remote device.	Enterprise does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle.
13. The machine or group of machines of claim 12, wherein the location information provider corresponds to at least one of:	Enterprise does not appear to disclose anything other than location of a mobile device being obtained from the mobile device.
a wireless service provider providing wireless service to the mobile device comprising the GPS receiver,	Enterprise does not appear to disclose anything regarding a location information provider corresponding to a wireless service provider providing wireless service to the mobile device comprising the GPS receiver.
a third party that obtains the location information of the mobile device comprising the GPS receiver from the wireless service provider providing wireless service to the mobile device comprising the GPS receiver, and	Enterprise does not appear to disclose anything regarding a location information provider corresponding to a third party that obtains the location information of the mobile device comprising the GPS receiver from the wireless service provider providing wireless service to the mobile device comprising the GPS receiver.
a party that has access to the location information of the mobile device comprising the GPS receiver but is other than the wireless service provider or the third party that obtains the location information of the mobile device comprising the GPS receiver from the wireless service provider.	Enterprise does not appear to disclose anything regarding a location information provider corresponding to a party that has access to the location information of the mobile device comprising the GPS receiver but is other than the wireless service provider or the third party that obtains the location information of the mobile device comprising the GPS receiver from the wireless service provider.



<p>17. The machine or group of machines of claim 12, wherein the central processing unit is programmed to communicate the location of the vehicle or the freight carried by the vehicle to cause the representation of the location of the vehicle or the freight carried by the vehicle by one of:</p>	<p>Enterprise does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle.</p>
<p>exposing an application programming interface (API) from which the location of the at least one of the vehicle or the freight carried by the vehicle is obtained, or</p>	<p>Enterprise does not appear to disclose anything regarding exposing an application programming interface (API) from which the location of the at least one of the vehicle or the freight carried by the vehicle is obtained.</p>
<p>interfacing with an exposed application programming interface (API) through which the location of the at least one of the vehicle or the freight carried by the vehicle is transmitted.</p>	<p>Enterprise does not appear to disclose anything regarding interfacing with an exposed application programming interface (API) through which the location of the at least one of the vehicle or the freight carried by the vehicle is transmitted.</p>
<p>18. The machine or group of machines of claim 12, wherein the request for information regarding the location of the at least one of the vehicle or the freight carried by the vehicle is received from a device associated with:</p>	<p>Enterprise does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle.</p>
<p>a freight service provider,</p>	<p>Enterprise does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle to a device associated with a freight service provider.</p>
<p>a party to whom the freight service provider provides freight services, or</p>	<p>Enterprise does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle to a device associated with a party to whom the freight service provider provides freight services.</p>

<p>a party that provides location information services to the freight service provider or to the party to whom the freight service provider provides freight services.</p>	<p>Enterprise does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle to a device associated with a party that provides location information services to the freight service provider or to the party to whom the freight service provider provides freight services.</p>
<p>19. The machine or group of machines of claim 12, wherein the central processing unit is programmed to communicate the location of the vehicle or the freight carried by the vehicle to cause the representation of the location of the vehicle or the freight carried by the vehicle by causing display of a visual representation of the location of the vehicle or the freight carried by the vehicle on the remote device's user interface by displaying the location of the vehicle or the freight carried by the vehicle as latitude and longitude coordinates.</p>	<p>Enterprise does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle. More specifically, Enterprise does not appear to disclose anything regarding causing display of a visual representation of the location of the vehicle or the freight carried by the vehicle on a remote device's user interface by displaying the location of the vehicle or the freight carried by the vehicle as latitude and longitude coordinates.</p>
<p>20. The machine or group of machines of claim 12, wherein the central processing unit is programmed to communicate the location of the vehicle or the freight carried by the vehicle to cause the representation of the location of the vehicle or the freight carried by the vehicle by causing display of a visual representation of the location of the vehicle or the freight carried by the vehicle on the remote device's user interface by displaying the location of the vehicle or the freight carried by the vehicle as city/state.</p>	<p>Enterprise does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle. More specifically, Enterprise does not appear to disclose anything regarding causing display of a visual representation of the location of the vehicle or the freight carried by the vehicle on a remote device's user interface by displaying the location of the vehicle or the freight carried by the vehicle as city/state.</p>
<p>21. The machine or group of machines of</p>	<p>Enterprise does not appear to disclose</p>

<p>claim 12, wherein the central processing unit is programmed to communicate the location of the vehicle or the freight carried by the vehicle to cause the representation of the location of the vehicle or the freight carried by the vehicle by causing display of a visual representation of the location of the vehicle or the freight carried by the vehicle on the remote device's user interface by displaying a map that includes a mark indicating the location of the vehicle on the map.</p>	<p>anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle.</p> <p>More specifically, Enterprise does not appear to disclose anything regarding causing display of a visual representation of the location of the vehicle or the freight carried by the vehicle on a remote device's user interface by displaying the location of the vehicle or the freight carried by the vehicle as a map that includes a mark indicating the location of the vehicle on the map.</p>
<p>22. The machine or group of machines of claim 12, wherein the central processing unit receiving from the location information provider location information of the mobile device comprising the GPS receiver serves to determine whether consent was given to transmit location information of a mobile device comprising the GPS receiver.</p>	<p>Enterprise does not appear to disclose anything regarding the central processing unit receiving from the location information provider location information of the mobile device comprising the GPS receiver serving to determine whether consent was given to transmit location information of a mobile device comprising the GPS receiver.</p>
<p>23. A machine or group of machines for monitoring location of at least one of a vehicle or freight carried by the vehicle, the machine or group of machines comprising:</p>	<p>Enterprise discloses sources of location according to call origin such as 1) manual entry by caller, 2) database look-up (wireline only), and 3) computed wireless location. Enterprise does not appear to disclose anything regarding a machine or group of machines for monitoring location of at least one of a vehicle or freight carried by the vehicle.</p>
<p>a server comprising a central processing unit, a memory, a clock, and a server communication transceiver that receives location information of a mobile device, the mobile device comprising a GPS receiver, a microprocessor and a wireless communication transceiver coupled to the GPS receiver, the mobile device comprising the GPS receiver programmed to receive data sent by a plurality of GPS satellites,</p>	<p>Enterprise does not appear to disclose anything regarding a server comprising a central processing unit, a memory, a clock, and a server communication transceiver that receives location information of a mobile device, the mobile device comprising a GPS receiver, a microprocessor and a wireless communication transceiver coupled to the GPS receiver, the mobile device</p>

calculate location information of the mobile device comprising the GPS receiver and transmit the location information, the central processing unit programmed to:	comprising the GPS receiver programmed to receive data sent by a plurality of GPS satellites, calculate location information of the mobile device comprising the GPS receiver and transmit the location information.
receive a request for information regarding the location of the vehicle or the freight carried by the vehicle, and	Enterprise does not appear to disclose anything regarding receiving a request for information regarding the location of the vehicle or the freight carried by the vehicle.
request location information of the vehicle or the freight carried by the vehicle from a location information provider;	Enterprise does not appear to disclose anything regarding requesting location information of the mobile device comprising the GPS receiver from a location information provider as disclosed in the present application.
receive an indication that consent to transmission of location information has been given; and	Enterprise talks about privacy considerations. However, Enterprise does not appear to disclose anything specifically about receiving an indication that consent was given to transmission of location information.
receive location information of the vehicle or the freight carried by the vehicle from the location information provider;	Enterprise does not appear to disclose anything regarding receiving location information of the vehicle or the freight carried by the vehicle from the location information provider.
estimate the location of the vehicle or the freight carried by the vehicle from the location information received from the location information provider;	Enterprise does not appear to disclose anything regarding estimating the location of the vehicle or the freight carried by the vehicle from the location information received from the location information provider.
communicate the location of the vehicle or the freight carried by the vehicle.	Enterprise does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle.
24. The machine or group of machines of claim 23, wherein the location of the vehicle or the freight carried is estimated based on a vehicle reference number or a freight reference number associated with the mobile device comprising the GPS receiver.	Enterprise does not appear to disclose anything regarding the central processing unit is programmed to estimate the location of the vehicle or the freight carried by the vehicle based at least in part on a vehicle reference number or a freight reference number associated with

	the mobile device comprising the GPS receiver.
25. The machine or group of machines of claim 23, wherein the location information provider corresponds to a device associated with at least one of:	Enterprise does not appear to disclose anything other than location of a mobile device being obtained from the mobile device.
a wireless service provider providing wireless service to the mobile device comprising the GPS receiver,	Enterprise does not appear to disclose anything regarding a location information provider corresponding to a wireless service provider providing wireless service to the mobile device comprising the GPS receiver.
a third party that obtains the location information of the mobile device comprising the GPS receiver from the wireless service provider providing wireless service to the mobile device comprising the GPS receiver, and	Enterprise does not appear to disclose anything regarding a location information provider corresponding to a third party that obtains the location information of the mobile device comprising the GPS receiver from the wireless service provider providing wireless service to the mobile device comprising the GPS receiver.
a party that has access to the location information of the mobile device comprising the GPS receiver but is other than the wireless service provider or the third party that obtains the location information of the mobile device comprising the GPS receiver from the wireless service provider.	Enterprise does not appear to disclose anything regarding a location information provider corresponding to a party that has access to the location information of the mobile device comprising the GPS receiver but is other than the wireless service provider or the third party that obtains the location information of the mobile device comprising the GPS receiver from the wireless service provider.
26. The machine or group of machines of claim 23, wherein the wherein the central processing unit is programmed to communicate the location of the vehicle or the freight carried by the vehicle by one of:	Enterprise does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle.
exposing an application programming interface (API) from which the location of the at least one of the vehicle or the freight carried by the vehicle is obtained, or	Enterprise does not appear to disclose anything regarding exposing an application programming interface (API) from which the location of the at least one of the vehicle or the freight carried by the

	vehicle is obtained.
interfacing with an exposed application programming interface (API) through which the location of the at least one of the vehicle or the freight carried by the vehicle is transmitted.	Enterprise does not appear to disclose anything regarding interfacing with an exposed application programming interface (API) through which the location of the at least one of the vehicle or the freight carried by the vehicle is transmitted.
27. The machine or group of machines of claim 23, wherein the central processing unit is programmed to communicate the location of the vehicle or the freight carried by the vehicle to one or more of:	Enterprise does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle.
a freight service provider,	Enterprise does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle to a device associated with a freight service provider.
a party to whom the freight service provider provides freight services, and	Enterprise does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle to a device associated with a party to whom the freight service provider provides freight services.
a party that provides location information services to the freight service provider or to the party to whom the freight service provider provides freight services.	Enterprise does not appear to disclose anything regarding communicating the location of the vehicle or the freight carried by the vehicle to cause a representation of the location of the vehicle or the freight carried by the vehicle to a device associated with a party that provides location information services to the freight service provider or to the party to whom the freight service provider provides freight services.
28. The machine or group of machines of	Enterprise does not appear to disclose

claim 23, wherein the central processing unit receiving from the location information provider location information of the mobile device comprising the GPS receiver is the indication that consent to transmission of location information of the mobile device comprising the GPS receiver has been given.	anything regarding the central processing unit receiving from the location information provider location information of the mobile device comprising the GPS receiver being the indication that consent to transmission of location information of the mobile device comprising the GPS receiver has been given.
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### **III. Conclusion**

In summary, the cited prior art references do not disclose various features of the claims. Moreover, the claims, when each is looked as a whole, recite subject matter not disclosed by the cited prior art references. Accordingly, all pending claims are believed to be allowable and the application is believed to be in condition for allowance. Action to such end is earnestly solicited.

Should the Examiner feel that a telephone conversation would be helpful to facilitate favorable prosecution of the above-identified application, the Examiner is invited to contact the undersigned at the telephone number provided below.

Should a petition for an extension of time be necessary for the timely reply to the outstanding Office Action (or if such a petition has been made and an additional extension is necessary), petition is hereby made and the Commissioner is authorized to charge any fees (including additional claim fees) to Deposit Account No. 18-0988.

Respectfully submitted,

RENNER, OTTO, BOISSELLE & SKLAR, LLP

/Luis A. Carrion/

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LAC

## Electronic Acknowledgement Receipt

<b>EFS ID:</b>	25912446
<b>Application Number:</b>	14987707
<b>International Application Number:</b>	
<b>Confirmation Number:</b>	7143
<b>Title of Invention:</b>	MACHINE OR GROUP OF MACHINES FOR MONITORING LOCATION OF A VEHICLE OR FREIGHT CARRIED BY A VEHICLE
<b>First Named Inventor/Applicant Name:</b>	Bennett H. Adelson
<b>Customer Number:</b>	130163
<b>Filer:</b>	Luis Antonio Carrion
<b>Filer Authorized By:</b>	
<b>Attorney Docket Number:</b>	MCROP0102USH
<b>Receipt Date:</b>	27-MAY-2016
<b>Filing Date:</b>	04-JAN-2016
<b>Time Stamp:</b>	16:57:18
<b>Application Type:</b>	Utility under 35 USC 111(a)

### Payment information:

Submitted with Payment	no
------------------------	----

### File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Response to Rule 105 Communication	ReplyProtest.pdf	2011783 <small>3b425d45cc5558b09c2d36d2235158dbde6e13a9</small>	no	191

### Warnings:

### Information:



**This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.**

**New Applications Under 35 U.S.C. 111**

**If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.**

**National Stage of an International Application under 35 U.S.C. 371**

**If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.**

**New International Application Filed with the USPTO as a Receiving Office**

**If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.**



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

Table with 5 columns: APPLICATION NO., FILING DATE, FIRST NAMED INVENTOR, ATTORNEY DOCKET NO., CONFIRMATION NO.
Row 1: 14/987,707, 01/04/2016, Bennett H. Adelson, MCROP0102USH, 7143
Row 2: 130163, 7590, 05/31/2016, LUIS A. CARRION, RENNER, OTTO, BOISSELLE & SKLAR, LLP, 1621 EUCLID AVENUE, 19TH FLOOR, CLEVELAND, OH 44115, EXAMINER RUSHING, MARK S, ART UNIT 2682, PAPER NUMBER, NOTIFICATION DATE 05/31/2016, DELIVERY MODE ELECTRONIC

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

ipdocket@rennerotto.com
LCARRION@RENNEROTTO.COM

<b>Applicant-Initiated Interview Summary</b>	<b>Application No.</b> 14/987,707	<b>Applicant(s)</b> ADELSON, BENNETT H.	
	<b>Examiner</b> MARK RUSHING	<b>Art Unit</b> 2682	

All participants (applicant, applicant's representative, PTO personnel):

- (1) Luis Carrion. (3) \_\_\_\_\_.
- (2) Mark Rushing. (4) \_\_\_\_\_.

Date of Interview: 25 May 2016.

Type:  Telephonic  Video Conference  
 Personal [copy given to:  applicant  applicant's representative]

Exhibit shown or demonstration conducted:  Yes  No.  
If Yes, brief description: \_\_\_\_\_.

Issues Discussed 101 112 102 103 Others  
(For each of the checked box(es) above, please describe below the issue and detailed description of the discussion)

Claim(s) discussed: 1.

Identification of prior art discussed: Proietti et al. (Proietti; US 8,755,823).

**Substance of Interview**

(For each issue discussed, provide a detailed description and indicate if agreement was reached. Some topics may include: identification or clarification of a reference or a portion thereof, claim interpretation, proposed amendments, arguments of any applied references etc...)

We discussed aspects of the Protest filed from a third party on February 1, 2016, including interpretations of the Proietti reference and different arguments that have been cited in the Protest regarding 101 issues and 112 issues. Examiner will consider Applicant's arguments when formally submitted.

**Applicant recordation instructions:** The formal written reply to the last Office action must include the substance of the interview. (See MPEP section 713.04). If a reply to the last Office action has already been filed, applicant is given a non-extendable period of the longer of one month or thirty days from this interview date, or the mailing date of this interview summary form, whichever is later, to file a statement of the substance of the interview

**Examiner recordation instructions:** Examiners must summarize the substance of any interview of record. A complete and proper recordation of the substance of an interview should include the items listed in MPEP 713.04 for complete and proper recordation including the identification of the general thrust of each argument or issue discussed, a general indication of any other pertinent matters discussed regarding patentability and the general results or outcome of the interview, to include an indication as to whether or not agreement was reached on the issues raised.

Attachment

/MARK RUSHING/  
Primary Examiner, Art Unit 2682

## Summary of Record of Interview Requirements

### Manual of Patent Examining Procedure (MPEP), Section 713.04, Substance of Interview Must be Made of Record

A complete written statement as to the substance of any face-to-face, video conference, or telephone interview with regard to an application must be made of record in the application whether or not an agreement with the examiner was reached at the interview.

### Title 37 Code of Federal Regulations (CFR) § 1.133 Interviews

Paragraph (b)

In every instance where reconsideration is requested in view of an interview with an examiner, a complete written statement of the reasons presented at the interview as warranting favorable action must be filed by the applicant. An interview does not remove the necessity for reply to Office action as specified in §§ 1.111, 1.135. (35 U.S.C. 132)

37 CFR §1.2 Business to be transacted in writing.

All business with the Patent or Trademark Office should be transacted in writing. The personal attendance of applicants or their attorneys or agents at the Patent and Trademark Office is unnecessary. The action of the Patent and Trademark Office will be based exclusively on the written record in the Office. No attention will be paid to any alleged oral promise, stipulation, or understanding in relation to which there is disagreement or doubt.

The action of the Patent and Trademark Office cannot be based exclusively on the written record in the Office if that record is itself incomplete through the failure to record the substance of interviews.

It is the responsibility of the applicant or the attorney or agent to make the substance of an interview of record in the application file, unless the examiner indicates he or she will do so. It is the examiner's responsibility to see that such a record is made and to correct material inaccuracies which bear directly on the question of patentability.

Examiners must complete an Interview Summary Form for each interview held where a matter of substance has been discussed during the interview by checking the appropriate boxes and filling in the blanks. Discussions regarding only procedural matters, directed solely to restriction requirements for which interview recordation is otherwise provided for in Section 812.01 of the Manual of Patent Examining Procedure, or pointing out typographical errors or unreadable script in Office actions or the like, are excluded from the interview recordation procedures below. Where the substance of an interview is completely recorded in an Examiners Amendment, no separate Interview Summary Record is required.

The Interview Summary Form shall be given an appropriate Paper No., placed in the right hand portion of the file, and listed on the "Contents" section of the file wrapper. In a personal interview, a duplicate of the Form is given to the applicant (or attorney or agent) at the conclusion of the interview. In the case of a telephone or video-conference interview, the copy is mailed to the applicant's correspondence address either with or prior to the next official communication. If additional correspondence from the examiner is not likely before an allowance or if other circumstances dictate, the Form should be mailed promptly after the interview rather than with the next official communication.

The Form provides for recordation of the following information:

- Application Number (Series Code and Serial Number)
- Name of applicant
- Name of examiner
- Date of interview
- Type of interview (telephonic, video-conference, or personal)
- Name of participant(s) (applicant, attorney or agent, examiner, other PTO personnel, etc.)
- An indication whether or not an exhibit was shown or a demonstration conducted
- An identification of the specific prior art discussed
- An indication whether an agreement was reached and if so, a description of the general nature of the agreement (may be by attachment of a copy of amendments or claims agreed as being allowable). Note: Agreement as to allowability is tentative and does not restrict further action by the examiner to the contrary.
- The signature of the examiner who conducted the interview (if Form is not an attachment to a signed Office action)

It is desirable that the examiner orally remind the applicant of his or her obligation to record the substance of the interview of each case. It should be noted, however, that the Interview Summary Form will not normally be considered a complete and proper recordation of the interview unless it includes, or is supplemented by the applicant or the examiner to include, all of the applicable items required below concerning the substance of the interview.

A complete and proper recordation of the substance of any interview should include at least the following applicable items:

- 1) A brief description of the nature of any exhibit shown or any demonstration conducted,
- 2) an identification of the claims discussed,
- 3) an identification of the specific prior art discussed,
- 4) an identification of the principal proposed amendments of a substantive nature discussed, unless these are already described on the Interview Summary Form completed by the Examiner,
- 5) a brief identification of the general thrust of the principal arguments presented to the examiner,  
(The identification of arguments need not be lengthy or elaborate. A verbatim or highly detailed description of the arguments is not required. The identification of the arguments is sufficient if the general nature or thrust of the principal arguments made to the examiner can be understood in the context of the application file. Of course, the applicant may desire to emphasize and fully describe those arguments which he or she feels were or might be persuasive to the examiner.)
- 6) a general indication of any other pertinent matters discussed, and
- 7) if appropriate, the general results or outcome of the interview unless already described in the Interview Summary Form completed by the examiner.

Examiners are expected to carefully review the applicant's record of the substance of an interview. If the record is not complete and accurate, the examiner will give the applicant an extendable one month time period to correct the record.

### Examiner to Check for Accuracy

If the claims are allowable for other reasons of record, the examiner should send a letter setting forth the examiner's version of the statement attributed to him or her. If the record is complete and accurate, the examiner should place the indication, "Interview Record OK" on the paper recording the substance of the interview along with the date and the examiner's initials.



UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
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Alexandria, Virginia 22313-1450
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NOTICE OF ALLOWANCE AND FEE(S) DUE

130163 7590 07/06/2016
LUIS A. CARRION
RENNER, OTTO, BOISSELLE & SKLAR, LLP
1621 EUCLID AVENUE
19TH FLOOR
CLEVELAND, OH 44115

Table with 2 columns: EXAMINER (RUSHING, MARK S), ART UNIT (2682), PAPER NUMBER (7143)

DATE MAILED: 07/06/2016

Table with 5 columns: APPLICATION NO., FILING DATE, FIRST NAMED INVENTOR, ATTORNEY DOCKET NO., CONFIRMATION NO.

14/987,707 01/04/2016 Bennett H. Adelson MCROP0102USH 7143
TITLE OF INVENTION: MACHINE OR GROUP OF MACHINES FOR MONITORING LOCATION OF A VEHICLE OR FREIGHT CARRIED BY A VEHICLE

Table with 7 columns: APPLN. TYPE, ENTITY STATUS, ISSUE FEE DUE, PUBLICATION FEE DUE, PREV. PAID ISSUE FEE, TOTAL FEE(S) DUE, DATE DUE

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

HOW TO REPLY TO THIS NOTICE:

I. Review the ENTITY STATUS shown above. If the ENTITY STATUS is shown as SMALL or MICRO, verify whether entitlement to that entity status still applies.
If the ENTITY STATUS is the same as shown above, pay the TOTAL FEE(S) DUE shown above.
If the ENTITY STATUS is changed from that shown above, on PART B - FEE(S) TRANSMITTAL, complete section number 5 titled "Change in Entity Status (from status indicated above)".
For purposes of this notice, small entity fees are 1/2 the amount of undiscounted fees, and micro entity fees are 1/2 the amount of small entity fees.

II. PART B - FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

**PART B - FEE(S) TRANSMITTAL**

**Complete and send this form, together with applicable fee(s), to: Mail Mail Stop ISSUE FEE  
 Commissioner for Patents  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
 or Fax (571)-273-2885**

**INSTRUCTIONS:** This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)

Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

130163 7590 07/06/2016  
**LUIS A. CARRION**  
 RENNER, OTTO, BOISSELLE & SKLAR, LLP  
 1621 EUCLID AVENUE  
 19TH FLOOR  
 CLEVELAND, OH 44115

**Certificate of Mailing or Transmission**

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (571) 273-2885, on the date indicated below.

_____ (Depositor's name)
_____ (Signature)
_____ (Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
14/987,707	01/04/2016	Bennett H. Adelson	MCROP0102USH	7143

TITLE OF INVENTION: MACHINE OR GROUP OF MACHINES FOR MONITORING LOCATION OF A VEHICLE OR FREIGHT CARRIED BY A VEHICLE

APPLN. TYPE	ENTITY STATUS	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	SMALL	\$480	\$0	\$0	\$480	10/06/2016

EXAMINER	ART UNIT	CLASS-SUBCLASS
RUSHING, MARK S	2682	340-988000

<p>1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).</p> <p><input type="checkbox"/> Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.</p> <p><input type="checkbox"/> "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. <b>Use of a Customer Number is required.</b></p>	<p>2. For printing on the patent front page, list</p> <p>(1) The names of up to 3 registered patent attorneys or agents OR, alternatively, _____ 1</p> <p>(2) The name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed. _____ 2</p> <p>_____ 3</p>
---	---

**3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)**

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE \_\_\_\_\_ (B) RESIDENCE: (CITY and STATE OR COUNTRY) \_\_\_\_\_

Please check the appropriate assignee category or categories (will not be printed on the patent) :  Individual  Corporation or other private group entity  Government

<p>4a. The following fee(s) are submitted:</p> <p><input type="checkbox"/> Issue Fee</p> <p><input type="checkbox"/> Publication Fee (No small entity discount permitted)</p> <p><input type="checkbox"/> Advance Order - # of Copies _____</p>	<p>4b. Payment of Fee(s): (<b>Please first reapply any previously paid issue fee shown above</b>)</p> <p><input type="checkbox"/> A check is enclosed.</p> <p><input type="checkbox"/> Payment by credit card. Form PTO-2038 is attached.</p> <p><input type="checkbox"/> The director is hereby authorized to charge the required fee(s), any deficiency, or credits any overpayment, to Deposit Account Number _____ (enclose an extra copy of this form).</p>
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5. **Change in Entity Status** (from status indicated above)

Applicant certifying micro entity status. See 37 CFR 1.29

Applicant asserting small entity status. See 37 CFR 1.27

Applicant changing to regular undiscounted fee status.

**NOTE:** Absent a valid certification of Micro Entity Status (see forms PTO/SB/15A and 15B), issue fee payment in the micro entity amount will not be accepted at the risk of application abandonment.

**NOTE:** If the application was previously under micro entity status, checking this box will be taken to be a notification of loss of entitlement to micro entity status.

**NOTE:** Checking this box will be taken to be a notification of loss of entitlement to small or micro entity status, as applicable.

**NOTE:** This form must be signed in accordance with 37 CFR 1.31 and 1.33. See 37 CFR 1.4 for signature requirements and certifications.

Authorized Signature \_\_\_\_\_ Date \_\_\_\_\_

Typed or printed name \_\_\_\_\_ Registration No. \_\_\_\_\_



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
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14/987,707 01/04/2016 Bennett H. Adelson MCROP0102USH 7143

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CLEVELAND, OH 44115

Table with 2 columns: EXAMINER, ART UNIT, PAPER NUMBER
RUSHING, MARK S
2682

DATE MAILED: 07/06/2016

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(Applications filed on or after May 29, 2000)

The Office has discontinued providing a Patent Term Adjustment (PTA) calculation with the Notice of Allowance.

Section 1(h)(2) of the AIA Technical Corrections Act amended 35 U.S.C. 154(b)(3)(B)(i) to eliminate the requirement that the Office provide a patent term adjustment determination with the notice of allowance. See Revisions to Patent Term Adjustment, 78 Fed. Reg. 19416, 19417 (Apr. 1, 2013). Therefore, the Office is no longer providing an initial patent term adjustment determination with the notice of allowance. The Office will continue to provide a patent term adjustment determination with the Issue Notification Letter that is mailed to applicant approximately three weeks prior to the issue date of the patent, and will include the patent term adjustment on the patent. Any request for reconsideration of the patent term adjustment determination (or reinstatement of patent term adjustment) should follow the process outlined in 37 CFR 1.705.

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.

## OMB Clearance and PRA Burden Statement for PTOL-85 Part B

The Paperwork Reduction Act (PRA) of 1995 requires Federal agencies to obtain Office of Management and Budget approval before requesting most types of information from the public. When OMB approves an agency request to collect information from the public, OMB (i) provides a valid OMB Control Number and expiration date for the agency to display on the instrument that will be used to collect the information and (ii) requires the agency to inform the public about the OMB Control Number's legal significance in accordance with 5 CFR 1320.5(b).

The information collected by PTOL-85 Part B is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450. Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

### Privacy Act Statement

**The Privacy Act of 1974 (P.L. 93-579)** requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether disclosure of these records is required by the Freedom of Information Act.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspection or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.



**Notice of Allowability**

**Application No.**

14/987,707

**Applicant(s)**

ADELSON, BENNETT H.

**Examiner**

MARK RUSHING

**Art Unit**

2682

**AIA (First Inventor to File)  
Status**

No

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1.  This communication is responsive to the Response filed on 5/27/16.  
 A declaration(s)/affidavit(s) under **37 CFR 1.130(b)** was/were filed on \_\_\_\_\_.
2.  An election was made by the applicant in response to a restriction requirement set forth during the interview on \_\_\_\_\_; the restriction requirement and election have been incorporated into this action.
3.  The allowed claim(s) is/are 1-30. As a result of the allowed claim(s), you may be eligible to benefit from the **Patent Prosecution Highway** program at a participating intellectual property office for the corresponding application. For more information, please see [http://www.uspto.gov/patents/init\\_events/pph/index.jsp](http://www.uspto.gov/patents/init_events/pph/index.jsp) or send an inquiry to [PPHfeedback@uspto.gov](mailto:PPHfeedback@uspto.gov).
4.  Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

**Certified copies:**

- a)  All    b)  Some    \*c)  None of the:
1.  Certified copies of the priority documents have been received.
  2.  Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3.  Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

5.  CORRECTED DRAWINGS ( as "replacement sheets") must be submitted.  
 including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.  
**Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).**
6.  DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

1.  Notice of References Cited (PTO-892)
2.  Information Disclosure Statements (PTO/SB/08),  
Paper No./Mail Date \_\_\_\_\_
3.  Examiner's Comment Regarding Requirement for Deposit  
of Biological Material
4.  Interview Summary (PTO-413),  
Paper No./Mail Date \_\_\_\_\_.
5.  Examiner's Amendment/Comment
6.  Examiner's Statement of Reasons for Allowance
7.  Other \_\_\_\_\_.

/MARK RUSHING/  
Primary Examiner, Art Unit 2682

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The present application is being examined under the pre-AIA first to invent provisions.

### **DETAILED ACTION**

#### ***Terminal Disclaimer***

1. The terminal disclaimer filed on 3/7/16 disclaiming the terminal portion of any patent granted on this application which would extend beyond the expiration date of the full statutory term of US Patents US 8,604,943, 8,330,626, 8,275,358, 9,070,295, 9,082,097, 9,082,098 and 9,087,313 has been reviewed and is accepted. The terminal disclaimer has been recorded.

#### ***Allowable Subject Matter***

2. Claims 1-30 are allowed.

#### ***Reasons for Allowance***

3. The following is an examiner's statement of reasons for allowance:

Janky et al. (Janky; US 5,794,174) discloses a system for visually representing the location of an item on a television. A user of the system telephonically requests that a visual representation of the location of an item be transmitted from a telephone company and displayed on the user's television. Once the request is received at the telephone company, position information indicative of the location of the item is transmitted from the item to a receiver. The position information is then transmitted from the receiver to the telephone company. The acquired position information is then transmitted from the telephone company to the user's television. A visual representation of the position is then displayed on the user's television.

Woolley et al. (Woolley; US 5,774,876) teaches a computer implemented method for

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monitoring location of freight carried by a vehicle correlating the freight to a communications device not attached to the freight based at least in part on the communications device being associated with a person associated with the freight; transmitting an electronic signal to a location information provider corresponding to a party or device other than the communications device, the electronic signal including data representing location information of the communications device; correlating the location information of the communications device with the location of the freight based at least in part on the communications device being associated with the person associated with the freight; and transmitting an electronic signal including data representing the location of the freight.

While Janky and Woolley disclose freight monitoring devices, the prior art of record fails to teach or render obvious, alone or in combination, the unique system including receiving a signal including data that indicates that a user of a communications device consented to transmission of location information of the communications device; correlating the location information of the communications device to the location of the at least one of the vehicle or the freight carried by the vehicle based at least in part on the correlation of the at least one of the vehicle or the freight carried by the vehicle to the communications device; and transmitting a location signal including data representing the location of the at least one of the vehicle or the freight carried by the vehicle, as detailed in the independent claims.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be labeled "Comments on Statement of Reasons for Allowance."

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### **Third-party Protest**

A protest against issuance of a patent based upon this application has been filed under 37 CFR 1.291 (a) on 2/1/16, and a copy has been served to Applicant. In accordance with MPEP 1901.06, the Examiner has considered the major arguments and documents presented therein.

#### Responses to References provided:

1. GAUGHAN, Judge Patricia A.; Memorandum of Opinion and Order; MacroPoint, LLC v. FourKites, Inc.; USDC No. Dist. of OH; Case No. 1:15-CV-1002 is used to discuss possible § 101 Alice issues suggesting that the applicant's invention is for an abstract idea without the addition of an inventive concept.

The examiner has provide a detailed § 101 analysis for the claims of the present application.

Claim 1 recites, in part, a machine for monitoring locations of a vehicle or freight carried by the vehicle, comprising: a mobile device comprising a GPS receiver, a display, a microprocessor and a wireless communication transceiver coupled to the GPS receiver, a server comprising a central processing unit, a memory, a clock, and a server communication transceiver that receives the location information of the mobile device comprising the GPS receiver.

The invention uses the steps of receiving a request for information regarding the location; requesting location information from a location information provider; receiving a signal that indicates that consent was given to transmission of location information; receiving from the location information provider location information of the mobile device that originates from a device other than the mobile device; estimating the location based in part on the information of the mobile device and communicating the location.

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The claimed invention falls within one of the four statutory categories of invention, as it is tied to a machine.

The claimed invention is directed to a judicial exception (i.e. an abstract idea). The recited steps describe concepts of collecting and comparing known information, comparing new and stored information and using rules to identify options and using categories to organize, store and transmit information, which correspond to concepts identified as abstract ideas by the courts. A similar comparison has been demonstrated regarding the § 101 analysis for the claims of *SiRF Technology Inc. v. International Trade Commission*. See Example 4 of the 2014 Interim Guidance on Patent Subject Matter Eligibility (the "Guidelines").

Claim 1 as a whole is analyzed to determine whether any element, or combination of elements, is sufficient to ensure that the claim amounts to significantly more than the exception. First, the claim recites additional elements of a "a mobile device comprising a GPS receiver" for determining location information, a "a server comprising a central processing unit," programmed to perform the receiving, requesting and estimating, "a memory, a clock, and a server communication transceiver" for communicating location information, and a "device other than the mobile device" where the location information originates.

The claim also indicates a mobile device comprising a microprocessor, a wireless communication transceiver and a display that receives satellite data, calculates location information, and wirelessly transmits to the server. The programmed CPU acts in concert with the recited features of the server to enable it to determine and communicate location information through interaction with remote devices. Taken alone, the additional elements amount to significantly more than the above-identified judicial exception (the abstract idea). As well,

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looking at the limitations as an ordered combination adds significantly more to what is already present when looking at the elements taken individually.

The claim includes additional elements that are sufficient to amount to significantly more than the judicial exception because the additional elements when considered both individually and as an ordered combination amount to significantly more than the abstract idea.

The combination of elements impose meaningful limits as they teach, receiving from the location information provider (after obtaining consent) location information, and, in turn, providing continuous, real-time location information to shippers and customers about all shipments in one integrated service.

Although the claim recites a judicial exception, the combination of elements is sufficient to ensure that the claim as a whole amounts to significantly more than the judicial exception.

Regarding the other independent claims, the § 101 analysis is similar, as they contain like elements.

2. PRIBISICH, Risto; Plaintiff MacroPoint, LLC's Opposition to Defendant FourKites, Inc.'s Motion to Dismiss First Amended Complaint is used to discuss MacroPoint, LLC arguments that the patents-in-suit were directed to an "open system" (as opposed to "closed systems" alleged to exist previously) for tracking vehicles and freight that requires a "new network architecture." (Opposition, p. 5-7). And states the specification of U.S. Patent No. 8,604,943, of which the instant application is a continuation, is entirely silent as to and thus does not teach or support closed systems, an open systems, or network architectures. And goes on to state that the opposition is relevant because it demonstrates applicant's interpretation of the scope

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of applicant's invention is not adequately described and enabled by the specification in violation of 35 U.S.C. § 112, ¶ 1.

However, in patent law, "the scope of applicant's invention" cannot be divorced from the claim language. An "invention is defined by the claims." Philips, 415 F.3d at 1312. Thus, a claim's language determines its scope.

The USPTO determines the meaning of the claims on the basis of the claim language and the specification as interpreted by one of ordinary skill in the art. What applicant may or may not think regarding the meaning of different claims does not commonly come into play when determining claim interpretation. The claims of the present application are adequately supported by the specification of the present application in accordance with 35 U.S.C. § 112.

3. ZATKOVICH, Ivan; Declaration of Ivan Zatkovich in Support of MacroPoint, LLC's Opposition Brief to FourKites, Inc.'s Motion to Dismiss First Amended Complaint is used to discuss that the applicant's invention-as directed to an "open system" that "enables heterogeneous locating technology," "enables continuous monitoring," and that "is a hub network with multi-channel communication." (Zatkovich, p. 29-30). And states, the specification of U.S. Patent No. 8,604,943, of which the instant application is a continuation, is entirely silent as to and thus does not teach or support open systems, heterogeneous locating technology, continuous monitoring, or a hub network with multi-channel communication. And goes on to state the declaration is relevant because it demonstrates applicant's interpretation of the scope of applicant's invention is not adequately described and enabled by the specification in violation of 35 U.S.C. § 112, ¶ 1.

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However, the USPTO determines the meaning of the claims on the basis of the claim language and the specification as interpreted by one of ordinary skill in the art. What applicant may or may not think regarding the meaning of different claims does not commonly come into play when determining claim interpretation. The claims of the present application are adequately supported by the specification of the present application in accordance with 35 U.S.C. § 112.

4. TechnoCom Corporation; Location-enhanced Call Center and IVR Services: Technical Insights About Your Calling Customer's Location is used to demonstrate that current rules for mobile telephone location privacy are based on two key precepts: the caller's permission must be explicitly requested and granted before his/her location may be obtained; and the caller must be clearly informed of the intended use of the location information. And, teaches a caller's consent may be obtained temporarily for a one-time use or persistently for recurring uses.

However TechnoCom doesn't appear to teach a machine for monitoring location of a vehicle or freight carried by the vehicle nor disclose the location information of the mobile device comprising the GPS receiver being received from a location information provider or it being originated from a device other than the mobile device comprising the GPS receiver itself; and does not appear to teach receiving a signal that indicates that consent was given to transmission of location information, as recited in the independent claims.

While TechnoCom does use a mobile phone to ensure phone privacy, the reference doesn't teach all the limitations in the order as recited in the independent claims. The prior art of record fails to teach or render obvious the unique system of monitoring freight locations, as detailed in the independent claims.



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5. Thomas (US 8,301,158) teaches techniques for location tracking and management of location information. One embodiment includes mobile computing devices supported by a wireless network, and a web server coupled to a wired network that couples to the wireless network. Each of the mobile computing devices are associated with and proximate to an object whose location is being monitored. The web server stores the locations of each of the mobile computing devices or the objects proximate thereto and enables only authorized users to obtain access the locations via the wired network. Thomas describes a location monitoring system that manages location information pertaining to a plurality of mobile units (Thomas, 3:64-68). Mobile units may be attached to objects such as vehicles or containers (Thomas, 3:68-4:2).

However Thomas doesn't appear to teach the location information of the mobile device being obtained from a location information provider or it being originated from a device other than the mobile device comprising the GPS receiver itself. Also, the reference does not appear to disclose anything specifically about receiving a signal that indicates that consent was given to transmission of location information, as recited in the independent claims.

While Thomas does use a wireless network to monitor mobile devices, the reference doesn't teach all the limitations in the order as recited in the independent claims. The prior art of record fails to teach or render obvious the unique system of monitoring freight locations, as detailed in the independent claims.

6. Proietti et al. (Proietti; US 8,755,823) teaches a method for reporting a location of an asset. The method includes: receiving a location tracking request for the asset; dynamically

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determining a status of the asset; and allowing acquisition of the location of the asset based on the determined status. The method further includes obtaining the location of the asset responsive to the received request and permission, and then reports the obtained location of the asset. The system includes: a reporting module for receiving a location tracking request for the asset; a status module for dynamically determining a status of the asset; and a tracking module for obtaining the location of the asset responsive to the determined status. The reporting module reports the location of the asset responsive to the received location tracking request. The enablement state is determined by the status monitor module and the enablement module is checked to see if tracking is currently allowed, and any associated constraints (Proietti, 4:12-14). If tracking is not allowed, no location is returned (Proietti, 4:14-16). If tracking is allowed, then an attempt is made to locate the asset via the tracking module (Proietti, 4:17-18). If the location is not available, no location is returned (Proietti, 4:18-19). If the location is available, the location is returned (Proietti, 4:19-20). The allowance of the tracking may be stored for a next tracking request of the person or the asset (Proietti, 4:20-22).

However, Proietti relates to an employee tracking system (Proietti, 2:33). The employer can track the employees (the asset 301) via their cell phones (Proietti, 2:28-29). An asset 301 is monitored by a tracking module 302. The tracking module provides the asset locations to a reporting module 303. The reporting module 303 reports the locations of the asset, based on conditions set by a user (Col. 2, lines 63-67). Thus, in Proietti, tracking of the asset 301 by the tracking module 302 takes place whether is consent or no consent. Consent only comes into play regarding the reporting module 303 being allowed to report the location of the asset 301 already obtained by the tracking module 302. When not enabled, the reporting module 303 prevents

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location information from being delivered to the status monitor module 304, thus protecting the asset's privacy during non-work hours. However, depending on permissions, the reporting module could be configured to provide a person's location to other requestors, as in a family location scenario, regardless of the person's "at work" status (Col. 3, lines 58-67).

In contrast, the present application discloses that consent to transmission of the location information is "obtained from the user of the communications device" ([0079]) and that "consenting to the monitoring of the location of the vehicle would result in the location of the vehicle or the location of the communications device being disclosed" ([0077]). Thus, in the claims of the present application, consent has to do with transmission of the location information in the first instance. Without the user's consent, the location information of the device is not transmitted at all.

Proietti does not appear to disclose anything regarding the location information of the mobile device comprising the GPS receiver being received from a location information provider or it being originated from a device other than the mobile device comprising the GPS receiver itself as recited in the independent claims.

While Proietti does use a mobile phone to monitor asset locations with given permission settings prescribed by users, the reference doesn't teach all the limitations in the order as recited in the independent claims. The prior art of record fails to teach or render obvious the unique system of monitoring freight locations, as detailed in the independent claims.

7. Hersh et al. (Hersh; US 2009/0030770) teaches a dynamic, predictive information method that assigns shipping assets from carriers to transport orders by shippers. Specific

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transport orders are electronically joined to specific driver-tractor-trailer combinations. The system joins a specific driver and a specific tractor and a non-specific trailer to a specific transport order. GPS data and electronic shipping document data from PDAs with the drivers is logged into the system and is viewable by the participants. With the use of global positioning system (GPS) units and personal data assistant (PDAs) carried and removably mounted in the tractors used by drivers, the electronic information system can monitor the location of the trailer, the driver and also handle electronic copies of the electronic shipping documents (Hersh [0012]).

However Hersh doesn't appear to teach the location information of the mobile device being obtained from a location information provider or it having been originated from a device other than the mobile device comprising the GPS receiver itself. Also, the reference does not appear to disclose anything about receiving a signal that indicates that consent was given to transmission of location information, as recited in the independent claims.

While Hersh uses a GPS receivers and PDAs to monitor shipping assets from carriers, the reference doesn't teach all the limitations in the order as recited in the independent claims. The prior art of record fails to teach or render obvious the unique system of monitoring freight locations, as detailed in the independent claims.

8. Alessio et al. (Alessio; US 8,649,775) teaches a method used in the acquisition of a voice signature associated with the status or tracking of shipped goods. The method includes initiating a call or data communication between a remote user or device and a shipment tracking system. The call or data communication is then associated with a shipment. A status of the shipment is determined and a time stamp is assigned to the call. A digital voice recording is generated and if

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a delivery event a voice signature is acquired and is stored into the remote tracking system. The location of the event is acquired via GPS or cellular tower servicing the device. Alessio illustrates goods associated with a shipment may be transported via a delivery network using air, sea or land vehicles such as trucks to a destination location (Alessio Col 8 lines 4-7, Fig 2, 112).

However Alessio doesn't appear to teach the location information of the mobile device being obtained from a location information provider or it having been originated from a device other than the mobile device comprising the GPS receiver itself. Also, the reference does not appear to disclose anything about receiving a signal that indicates that consent was given to transmission of location information, as recited in the independent claims.

While Alessio does use a GPS system using mobile phones to monitor shipped goods, the reference doesn't teach all the limitations in the order as recited in the independent claims. The prior art of record fails to teach or render obvious the unique system of monitoring freight locations, as detailed in the independent claims.

9. Android HaulCom Application Screen Shots and Description, teaches after confirmation the mobile computing device, at a particular interval of time, automatically provides its location.

However HaulCom doesn't appear to teach the location information of the mobile device being obtained from a location information provider or it having been originated from a device other than the mobile device comprising the GPS receiver itself. Also, the reference does not appear to disclose anything about receiving a signal that indicates that consent was given to transmission of location information, as recited in the independent claims.

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While HaulCom does use a mobile computing device to monitor location, the reference doesn't teach all the limitations in the order as recited in the independent claims. The prior art of record fails to teach or render obvious the unique system of monitoring freight locations, as detailed in the independent claims.

10. FollowMee LLC; GPS Location Tracker for iPhone and iPad- Standard Edition, teaches converting a mobile device into a GPS tracking device that quietly records a location of the mobile device using GPS, WiFi, and cellular triangulation and uploads this information to a server. To monitor a location of a tracked device, a user may visit a website.

However FollowMee doesn't appear to teach the location information of the mobile device being obtained from a location information provider or it having been originated from a device other than the mobile device comprising the GPS receiver itself. Also, the reference does not appear to disclose anything about receiving a signal that indicates that consent was given to transmission of location information, as recited in the independent claims.

While FollowMee does use a GPS system, mobile device and a website to monitor locations, the reference doesn't teach all the limitations in the order as recited in the independent claims. The prior art of record fails to teach or render obvious the unique system of monitoring freight locations, as detailed in the independent claims.

11. uFollowit Application for iOS released October 12, 2009 teaches an iPhone application that provides real-time freight tracking. A user can enter a client number and a load number

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assigned by a dispatch office and notify stakeholders at the time of pick up, and distribute delivery locations.

However uFollowit doesn't appear to teach the location information of the mobile device being obtained from a location information provider or it having been originated from a device other than the mobile device comprising the GPS receiver itself. Also, the reference does not appear to disclose anything about receiving a signal that indicates that consent was given to transmission of location information, as recited in the independent claims.

While uFollowit does use a mobile phone to track freight in real time, the reference doesn't teach all the limitations in the order as recited in the independent claims. The prior art of record fails to teach or render obvious the unique system of monitoring freight locations, as detailed in the independent claims.

12. Abaqus Blog; myGeoTracking: Asset Tracking & Monitoring Service teaches providing location tracking of vehicles and freight, and permits companies to determine the location of mobile assets and field personnel in real-time using a variety of telematics devices, as well as GPS phones (i.e., smart phones).

However Abaqus doesn't appear to teach the location information of the mobile device being obtained from a location information provider or it having been originated from a device other than the mobile device comprising the GPS receiver itself. Also, the reference does not appear to disclose anything about receiving a signal that indicates that consent was given to transmission of location information, as recited in the independent claims.

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While Abaqus does use a GPS receiver and mobile phone to monitor vehicles and freight, the reference doesn't teach all the limitations in the order as recited in the independent claims. The prior art of record fails to teach or render obvious the unique system of monitoring freight locations, as detailed in the independent claims.

13. Tech9 Computer Solutions; MoosTrax Application for iOS teaches an app to track an iPhone in real time, view location history, tag favorite locations, and can set up a GeoFence for notifications from a website.

However Tech9 doesn't appear to teach the location information of the mobile device being obtained from a location information provider or it having been originated from a device other than the mobile device comprising the GPS receiver itself. Also, the reference does not appear to disclose anything about receiving a signal that indicates that consent was given to transmission of location information, as recited in the independent claims.

While Tech9 does use a mobile phone to monitor location history, the reference doesn't teach all the limitations in the order as recited in the independent claims. The prior art of record fails to teach or render obvious the unique system of monitoring freight locations, as detailed in the independent claims.

14. Izatt International; MileBug - Mileage Log & Expense Tracker for Deduction and application for iOS teaches GPS tracking of a trip viewable on a map.

However Izatt doesn't appear to teach the location information of the mobile device being obtained from a location information provider or it having been originated from a device



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other than the mobile device comprising the GPS receiver itself. Also, the reference does not appear to disclose anything about receiving a signal that indicates that consent was given to transmission of location information, as recited in the independent claims.

While Izatt does use GPS capabilities to monitor a trip on a display, the reference doesn't teach all the limitations in the order as recited in the independent claims. The prior art of record fails to teach or render obvious the unique system of monitoring freight locations, as detailed in the independent claims.

15. TechnoCom Corporation; Enterprise Location Platform teaches locating a mobile caller. The system can try to access your location if the caller permits being located (Slide 11).

However TechnoCom doesn't appear to teach monitoring a location of a vehicle or freight carried by the vehicle nor disclose anything regarding the location information of the mobile device comprising the GPS receiver being received from a location information provider or it being originated from a device other than the mobile device comprising the GPS receiver, as recited in the independent claims.

While TechnoCom does use a mobile phone to permit location determination assistance, the reference doesn't teach all the limitations in the order as recited in the independent claims. The prior art of record fails to teach or render obvious the unique system of monitoring freight locations, as detailed in the independent claims.

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### III. Conclusion to Protest

In summary, the claims of the present invention teach significantly more than a judicial exception. The claims are supported provided by the Applicant's specification. The cited prior art references do not disclose various features of the claims; and, when considered as a whole, the claims recite subject matter not disclosed by the cited references. The claims are allowable based upon the aforementioned rationale in combination with the other claimed elements.

Accordingly, all pending claims are allowed.

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***Conclusion***

4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Mark Rushing whose telephone number is (571)270-5876. The examiner can normally be reached on Monday-Friday 8:30AM to 5:00PM EST (Alt Friday).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, George Bugg can be reached on 571-272-2998. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/MARK RUSHING/  
Primary Examiner, Art Unit 2682

Doc code: IDS

Doc description: Information Disclosure Statement (IDS) Filed

PTO/SB/08a (03-15)

Approved for use through 07/31/2016. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (Not for submission under 37 CFR 1.99)	Application Number		14978707	
	Filing Date		2016-01-04	
	First Named Inventor	Bennett H. Adelson		
	Art Unit	2682		
	Examiner Name	Mark S. Rushing		
	Attorney Docket Number	Unknown		

U.S.PATENTS						
Examiner Initial*	Cite No	Patent Number	Kind Code <sup>1</sup>	Issue Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
	1	8301158	B1	2012-10-30	Thomas	
	2	8755823	B2	2014-06-17	Proietti et al.	
	3	8649775	B2	2014-02-11	Alessio et al.	

If you wish to add additional U.S. Patent citation information please click the Add button.

**U.S.PATENT APPLICATION PUBLICATIONS**

Examiner Initial*	Cite No	Publication Number	Kind Code <sup>1</sup>	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
	1	20090030770	A1	2009-01-29	Hersh et al.	

If you wish to add additional U.S. Published Application citation information please click the Add button.

**FOREIGN PATENT DOCUMENTS**

Examiner Initial*	Cite No	Foreign Document Number <sup>3</sup>	Country Code <sup>2</sup>	Kind Code <sup>4</sup>	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear	T <sup>5</sup>
	1							<input type="checkbox"/>

<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (Not for submission under 37 CFR 1.99)	Application Number		14978707
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	Art Unit	2682	
	Examiner Name	Mark S. Rushing	
	Attorney Docket Number	Unknown	

If you wish to add additional Foreign Patent Document citation information please click the Add button

**NON-PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T5
	1	GAUGHAN, Judge Patricia A.; Memorandum of Opinion and Order; MacroPoint, LLC v. FourKites, Inc.; USDC No. Dist. of OH; Case No. 1:15-CV-1002; 11/06/2015; 14 pages.	<input type="checkbox"/>
	2	PRIBISICH, Risto; Plaintiff MacroPoint, LLC's Opposition to Defendant FourKites, Inc.'s Motion to Dismiss First Amended Complaint; September 15, 2015; 38 pages.	<input type="checkbox"/>
	3	ZATKOVICH, Ivan; Declaration of Ivan Zatkovich in Support of MacroPoint, LLC's Opposition Brief to FourKites, Inc.'s Motion to Dismiss First Amended Complaint (Exhibit 3); September 15, 2015, 113 pages.	<input type="checkbox"/>
	4	TechnoCom Corporation; Location-enhanced Call Center and IVR Services: Technical Insights About Your Calling Customer's Location; TechnoCom Corporation, 2009; 7 pages.	<input type="checkbox"/>
	5	Android HaulCom Application Screen Shots and Description, November 30, 2011; 10 pages.	<input type="checkbox"/>
	6	FollowMee LLC; GPS Location Tracker for iPhone and iPad - Standard Edition, Released October 10, 2010 Description of application and screen shots, 4 pages	<input type="checkbox"/>
	7	uFollowit Application for iOS released October 12, 2009; Description of application and screen shots; 4 pages.	<input type="checkbox"/>
	8	Abaqus Blog; myGeoTracking: Asset Tracking & Monitoring Service; <a href="https://web.archive.org/web/20100819041357http://abaqus.typepad.com/">https://web.archive.org/web/20100819041357http://abaqus.typepad.com/</a> ; February 25, 2010; 7 pages.	<input type="checkbox"/>
	9	Tech9 Computer Solutions; MoosTrax Application for iOS released July 29, 2010; Description of application and screen shots; 2 pages.	<input type="checkbox"/>

<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (Not for submission under 37 CFR 1.99)	Application Number		14978707
	Filing Date		2016-01-04
	First Named Inventor	Bennett H. Adelson	
	Art Unit		2682
	Examiner Name	Mark S. Rushing	
	Attorney Docket Number		Unknown

10	Izatt International; MileBug - Mileage Log & Expense Tracker for Deduction and application for iOS released May 10, 2011; Description of application and screen shots; 4 pages.	<input type="checkbox"/>
11	TechnoCom Corporation; Enterprise Location Platform: Sample IVR Privacy Management Script; TechoCom Corporation; April 16, 2010; 15 pages.	<input type="checkbox"/>


If you wish to add additional non-patent literature document citation information please click the Add button

**EXAMINER SIGNATURE**

Examiner Signature	/MARK S RUSHING/	Date Considered	06/23/2016
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>See Kind Codes of USPTO Patent Documents at www.USPTO.GOV or MPEP 901.04. <sup>2</sup>Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>3</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>4</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>5</sup>Applicant is to place a check mark here if English language translation is attached.

<b>Search Notes</b>  	<b>Application/Control No.</b>  14987707	<b>Applicant(s)/Patent Under Reexamination</b>  ADELSON, BENNETT H.
	<b>Examiner</b>  MARK RUSHING	<b>Art Unit</b>  2682

CPC- SEARCHED		
Symbol	Date	Examiner
G06Q10/0833 OR G08G1/20 OR G08G1/205	3/1/2016	MR

CPC COMBINATION SETS - SEARCHED		
Symbol	Date	Examiner

US CLASSIFICATION SEARCHED			
Class	Subclass	Date	Examiner
340	995.1\$,988-994	3/1/2016	MR
348	116	3/1/2016	MR

SEARCH NOTES		
Search Notes	Date	Examiner
Inventor's Search	3/1/2016	MR
Updated Search	6/23/2016	MR

INTERFERENCE SEARCH			
US Class/ CPC Symbol	US Subclass / CPC Group	Date	Examiner
	All searched classes	6/23/2016	MR

	/ MARK RUSHING/ Primary Examiner, Art Unit 2682
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## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	6524	340/988-994.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	OFF	2016/06/23 20:54
L2	4226	340/995.1\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	OFF	2016/06/23 20:54
L3	15107	701/1,2,32.3,454,467,482,485.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	OFF	2016/06/23 20:54
L4	396	348/116.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	OFF	2016/06/23 20:54
L5	24156	L1 or L2 or L3 or L4	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	OFF	2016/06/23 20:54
L6	4143	(( G06Q10/0833 OR G08G1/20 OR G08G1/205).CPC. )	US-PGPUB; USPAT	ADJ	OFF	2016/06/23 20:54
L7	20104	L5 or L6	US-PGPUB; USPAT	ADJ	OFF	2016/06/23 20:54
L8	1779	L7 and vehicle with locat\$3 with monitor\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	OFF	2016/06/23 20:54
L9	87	L8 and request with provider	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	OFF	2016/06/23 20:54
L10	84	L9 and gps	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	OFF	2016/06/23 20:54
L11	8	L10 and consent\$3 with (information or location or position)	US-PGPUB; USPAT;	ADJ	OFF	2016/06/23 20:54



			EPO; JPO; DERWENT			
L12	9	((BENNETT) near2 (ADELSON)).INV.	US- PGPUB; USPAT	ADJ	OFF	2016/06/23 20:54
L13	20	("20090030770"   "20110001638"   "8755823"   "20090017803"   "20120265433"   "8369867"   "20060187027"   "5774876"   "20080132252"   "5794174"   "8301158"   "6892131"   "7385499"   "20100228404"   "20090143079"   "6442391"   "8718672"   "8649775"   "7366522"   "7246009").PN.	US- PGPUB; USPAT	ADJ	OFF	2016/06/23 20:56
L14	9	13 and (consent\$3 or permission)	US- PGPUB; USPAT	ADJ	OFF	2016/06/23 20:56
L15	21	(US-20100228404-\$ or US-20110063138-\$ or US-20110071701-\$ or US- 20110001638-\$ or US-20060187027-\$ or US-20140058585-\$ or US-20080132252-\$ or US-20140340215-\$ or US- 20140166319-\$ or US-20090030770- \$).did. or (US-5774825-\$ or US-5794174-\$ or US-8330626-\$ or US-8275358-\$ or US- 5892441-\$ or US-5774876-\$ or US- 8604943-\$ or US-8755823-\$ or US- 8649775-\$ or US-8301158-\$ or US- 6442391-\$).did.	US- PGPUB; USPAT	ADJ	ON	2016/06/23 20:57
L16	8	15 and (consent\$3 or permission)	US- PGPUB; USPAT	ADJ	OFF	2016/06/23 20:57

## EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L17	4681	340/988-994.ccls.	US-PGPUB; USPAT	ADJ	OFF	2016/06/23 20:58
L18	3296	340/995.1\$.ccls.	US-PGPUB; USPAT	ADJ	OFF	2016/06/23 20:58
L19	10091	701/1,2,32.3,454,467,482,485.ccls.	US-PGPUB; USPAT	ADJ	OFF	2016/06/23 20:58
L20	4143	( ( G06Q10/0833 OR G08G1/20 OR G08G1/205).CPC. )	US-PGPUB; USPAT	ADJ	OFF	2016/06/23 20:58
L21	19817	L17 or L18 or L19 or L20	US-PGPUB; USPAT	ADJ	OFF	2016/06/23 20:58
L22	1773	L21 and vehicle with locat\$3 with monitor\$3	US-PGPUB; USPAT	ADJ	OFF	2016/06/23 20:58
L23	87	L22 and request with provider	US-PGPUB; USPAT	ADJ	OFF	2016/06/23 20:58
L24	84	L23 and gps	US-PGPUB; USPAT	ADJ	OFF	2016/06/23 20:58
L25	8	L24 and consent\$3.clm.	US-PGPUB; USPAT	ADJ	OFF	2016/06/23 20:58

6/ 23/ 2016 8:59:16 PM

C:\Users\mrushing\Documents\EAST\Workspaces\14987707.wsp

Ruiz Food Products, Inc.

Exhibit 1007









**PART B - FEE(S) TRANSMITTAL**

**Complete and send this form, together with applicable fee(s), to: Mail Mail Stop ISSUE FEE  
 Commissioner for Patents  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
 or Fax (571)-273-2885**

**INSTRUCTIONS:** This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)

Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

130163 7590 07/06/2016  
**LUIS A. CARRION**  
 RENNER, OTTO, BOISSELLE & SKLAR, LLP  
 1621 EUCLID AVENUE  
 19TH FLOOR  
 CLEVELAND, OH 44115

**Certificate of Mailing or Transmission**

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (571) 273-2885, on the date indicated below.

(Depositor's name)
(Signature)
(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
14/987,707	01/04/2016	Bennett H. Adelson	MCROP0102USH	7143

TITLE OF INVENTION: MACHINE OR GROUP OF MACHINES FOR MONITORING LOCATION OF A VEHICLE OR FREIGHT CARRIED BY A VEHICLE

APPLN. TYPE	ENTITY STATUS	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	SMALL	\$480	\$0	\$0	\$480	10/06/2016

EXAMINER	ART UNIT	CLASS-SUBCLASS
RUSHING, MARK S	2682	340-988000

<p>1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).</p> <p><input type="checkbox"/> Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.</p> <p><input type="checkbox"/> "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. <b>Use of a Customer Number is required.</b></p>	<p>2. For printing on the patent front page, list</p> <p>(1) The names of up to 3 registered patent attorneys or agents OR, alternatively,</p> <p>(2) The name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.</p> <p>1 <u>Renner, Otto, Boisselle</u></p> <p>2 <u>&amp; Sklar, LLP</u></p> <p>3 _____</p>
---	--

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE MacroPoint LLP

(B) RESIDENCE: (CITY and STATE OR COUNTRY) Cleveland, Ohio

Please check the appropriate assignee category or categories (will not be printed on the patent) :  Individual  Corporation or other private group entity  Government

<p>4a. The following fee(s) are submitted:</p> <p><input checked="" type="checkbox"/> Issue Fee</p> <p><input checked="" type="checkbox"/> Publication Fee (No small entity discount permitted)</p> <p><input type="checkbox"/> Advance Order - # of Copies _____</p>	<p>4b. Payment of Fee(s): (Please first reapply any previously paid issue fee shown above)</p> <p><input type="checkbox"/> A check is enclosed.</p> <p><input checked="" type="checkbox"/> Payment by credit card. <del>XXXXXXXXXXXXXXXXXXXX</del></p> <p><input checked="" type="checkbox"/> The director is hereby authorized to charge the required fee(s), any deficiency, or credits any overpayment, to Deposit Account Number <u>180988</u> (enclose an extra copy of this form).</p>
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5. Change in Entity Status (from status indicated above)

Applicant certifying micro entity status. See 37 CFR 1.29

Applicant asserting small entity status. See 37 CFR 1.27

Applicant changing to regular undiscounted fee status.

NOTE: Absent a valid certification of Micro Entity Status (see forms PTO/SB/15A and 15B), issue fee payment in the micro entity amount will not be accepted at the risk of application abandonment.

NOTE: If the application was previously under micro entity status, checking this box will be taken to be a notification of loss of entitlement to micro entity status.

NOTE: Checking this box will be taken to be a notification of loss of entitlement to small or micro entity status, as applicable.

NOTE: This form must be signed in accordance with 37 CFR 1.31 and 1.33. See 37 CFR 1.4 for signature requirements and certifications.

Authorized Signature /Luis A. Carrion/ Date July 20, 2016

Typed or printed name Luis A. Carrion Registration No. 61255

## Electronic Patent Application Fee Transmittal

<b>Application Number:</b>	14987707
<b>Filing Date:</b>	04-Jan-2016
<b>Title of Invention:</b>	MACHINE OR GROUP OF MACHINES FOR MONITORING LOCATION OF A VEHICLE OR FREIGHT CARRIED BY A VEHICLE
<b>First Named Inventor/Applicant Name:</b>	Bennett H. Adelson
<b>Filer:</b>	Luis Antonio Carrion/Jen Shank
<b>Attorney Docket Number:</b>	MCROP0102USH

Filed as Small Entity

**Filing Fees for Utility under 35 USC 111(a)**

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
<b>Basic Filing:</b>				
<b>Pages:</b>				
<b>Claims:</b>				
<b>Miscellaneous-Filing:</b>				
Publ. Fee- Early, Voluntary, or Normal	1504	1	0	0

<b>Petition:</b>
<b>Patent-Appeals-and-Interference:</b>
<b>Post-Allowance-and-Post-Issuance:</b>

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Utility Appl Issue Fee	2501	1	480	480
<b>Extension-of-Time:</b>				
<b>Miscellaneous:</b>				
<b>Total in USD (\$)</b>				<b>480</b>



## Electronic Acknowledgement Receipt

<b>EFS ID:</b>	26397304
<b>Application Number:</b>	14987707
<b>International Application Number:</b>	
<b>Confirmation Number:</b>	7143
<b>Title of Invention:</b>	MACHINE OR GROUP OF MACHINES FOR MONITORING LOCATION OF A VEHICLE OR FREIGHT CARRIED BY A VEHICLE
<b>First Named Inventor/Applicant Name:</b>	Bennett H. Adelson
<b>Customer Number:</b>	130163
<b>Filer:</b>	Luis Antonio Carrion/Jen Shank
<b>Filer Authorized By:</b>	Luis Antonio Carrion
<b>Attorney Docket Number:</b>	MCROP0102USH
<b>Receipt Date:</b>	20-JUL-2016
<b>Filing Date:</b>	04-JAN-2016
<b>Time Stamp:</b>	11:41:51
<b>Application Type:</b>	Utility under 35 USC 111(a)

### Payment information:

Submitted with Payment	yes
Payment Type	Credit Card
Payment was successfully received in RAM	\$480
RAM confirmation Number	8801
Deposit Account	
Authorized User	

The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows:

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**File Listing:**

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Issue Fee Payment (PTO-85B)	MCROP0102USH-Issue_Fee.pdf	102959 bb50b7d79cf6fe9188e283b83cee0566511fc4c6	no	1

**Warnings:**

**Information:**

2	Fee Worksheet (SB06)	fee-info.pdf	32413 8670bcccba6078a5857cbdc38b7c5f0fe22f58b1	no	2
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**Warnings:**

**Information:**

<b>Total Files Size (in bytes):</b>	135372
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**New Applications Under 35 U.S.C. 111**

**If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.**

**National Stage of an International Application under 35 U.S.C. 371**

**If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.**

**New International Application Filed with the USPTO as a Receiving Office**

**If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.**



APPLICATION NO.	ISSUE DATE	PATENT NO.	ATTORNEY DOCKET NO.	CONFIRMATION NO.
14/987,707	08/30/2016	9429659	MCROP0102USH	7143

130163            7590            08/10/2016  
**LUIS A. CARRION**  
**RENNER, OTTO, BOISSELLE & SKLAR, LLP**  
**1621 EUCLID AVENUE**  
**19TH FLOOR**  
**CLEVELAND, OH 44115**

### ISSUE NOTIFICATION

The projected patent number and issue date are specified above.

**Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)**  
(application filed on or after May 29, 2000)

The Patent Term Adjustment is 0 day(s). Any patent to issue from the above-identified application will include an indication of the adjustment on the front page.

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (<http://pair.uspto.gov>).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Application Assistance Unit (AAU) of the Office of Data Management (ODM) at (571)-272-4200.

APPLICANT(s) (Please see PAIR WEB site <http://pair.uspto.gov> for additional applicants):

Bennett H. Adelson, Highland Heights, OH;  
MacroPoint LLC, Cleveland, OH;

The United States represents the largest, most dynamic marketplace in the world and is an unparalleled location for business investment, innovation, and commercialization of new technologies. The USA offers tremendous resources and advantages for those who invest and manufacture goods here. Through SelectUSA, our nation works to encourage and facilitate business investment. To learn more about why the USA is the best country in the world to develop technology, manufacture products, and grow your business, visit [SelectUSA.gov](http://SelectUSA.gov).

