


PROVISIONAL PATENT APPLICATION COVER SHEET A/Roc

This is a request for filing a PROVISIONAL PATENT APPLICATION under 37 C.F.R. §1.53(c).

10/04/99
1c408 U.S. PRO

30863 U.S. PTO
60/157643
10/04/99

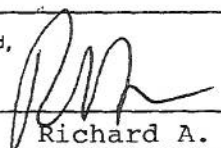
| | | | | | |
|---|---|------------------|--|-------------------------------------|--|
| Docket Number | | 66566 | | | |
| INVENTOR(S)/APPLICANT(S) | | | | | |
| LAST NAME | FIRST NAME | MIDDLE INITIAL | RESIDENCE (CITY AND EITHER STATE OR FOREIGN COUNTRY) | | |
| 1. Dan | Meir | | Tel Aviv Israel | | |
| 2. | | | | | |
| 3. | | | | | |
| TITLE OF THE INVENTION | | | | | |
| LOCATION DETERMINATION DEVICE | | | | | |
| CORRESPONDENCE ADDRESS | | | | | |
| FITCH, EVEN, TABIN & FLANNERY Suite 1600 120 South LaSalle Street Chicago, Illinois 60603-3406 Telephone: (312) 577-7000 Facsimile: (312) 577-7007 | | | | | |
| CUSTOMER NUMBER 22242 | | | | | |
|  2 2 2 4 2 | | | | | |
| STATE | IL | ZIP CODE | 60603-3406 | COUNTRY | USA |
| ENCLOSED APPLICATION PARTS (check all that apply) | | | | | |
| <input checked="" type="checkbox"/> | Specification | Number of Pages | 7 | <input type="checkbox"/> | Small Entity Statement |
| <input checked="" type="checkbox"/> | Drawing(s) | Number of Sheets | 2 | <input checked="" type="checkbox"/> | Other (specify) General Authorization for Petition of Ext. of Time; reply postcard |
| METHOD OF PAYMENT OF FILING FEES FOR THIS PROVISIONAL PATENT APPLICATION (check one) | | | | | |
| <input checked="" type="checkbox"/> | A check or money order is enclosed to cover the Provisional Patent Application filing fees | | | Pro- visional Filing Fee | \$ 150.00 ----- (less one-half if small entity) = \$75.00 |
| <input type="checkbox"/> | The Commissioner is hereby authorized to charge any deficiencies in filing fees, or credit overpayments, to Deposit Account Number: 06-1135 | | | | |

60157643 10/04/99

The invention was made by an agency of the United States Government or under a contract with an agency of the United States Government.

- No.
- Yes, the name of the U.S. Government agency and the Government contract number are: _____

Respectfully submitted,

SIGNATURE  Date October 4, 1999

TYPED or PRINTED NAME Richard A. Kaba REGISTRATION NO. 30,562
(if appropriate)

Additional inventors/applicants are being named on separately numbered sheets attached hereto.

PROVISIONAL PATENT APPLICATION FILING ONLY

PROVISIONAL PATENT APPLICATION TRANSMITTAL
(37 C.F.R. §1.53(c))


Attorney Docket No. 66566

Box PROVISIONAL PATENT APPLICATION
Commissioner of Patents and Trademarks
ATTENTION: Assistant Commissioner
for Patents
Washington, D.C. 20231

Sir:

Transmitted herewith for filing
under 37 C.F.R. §1.53(c) is the
provisional patent application of:

Title: LOCATION DETERMINATION DEVICE

)
) CERTIFICATE OF MAILING BY "EXPRESS MAIL"
) "Express Mail" Mailing Label Number
)
) EL 373 351 346 US
)
) Date of Deposit 10/04/99
) I hereby certify that this paper or fee is being
) deposited with the United States Postal Service
) "Express Mail Post Office to Addressee" Service
) under 37 CFR §1.10 on the date indicated above
) and is addressed to the Commissioner of Patents
) and Trademarks, Washington, D.C. 20231.
)
) Ed Price
) (Typed or printed name of person mailing)
)
) 
)
) (Signature of person mailing)

TRANSMITTAL LETTER FOR PROVISIONAL PATENT APPLICATION

Enclosed are:

- (X) Cover Sheet for the above-identified provisional patent application identifying the application as a provisional application.
- () Verified Statement Claiming Small Entity Status.
- (X) A specification and 2 sheets of Figures (() Formal, (X) Informal) for the provisional patent application, totalling 9 pages.
- (X) A check in the amount of \$ 150.00 to cover the filing fee for the above-identified provisional patent application without a claim of small entity status.
- () A check in the amount of \$ 75.00 to cover the filing fee for the above-identified provisional patent application by an entity claiming small entity status.
- () Charge \$ _____ to Deposit Account No. 06-1135.
- (X) A separate written request under 37 C.F.R. §1.136(a)(3) which is a general authorization to treat any concurrent or future reply requiring a petition for an extension of time under 37 C.F.R. §1.136(a) for its timely submission as incorporating a petition for an extension of time for the appropriate length of time therein.

Provisional 6-99 p.1/2

- (X) The Commissioner is hereby authorized to charge any additional fees which may be required in this application under 37 C.F.R. §§1.16-1.17 during its entire pendency, or credit any overpayment, to Deposit Account No. 06-1135. Should no proper payment be enclosed herewith, as by a check being in the wrong amount, unsigned, post-dated, otherwise improper or informal or even entirely missing, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 06-1135. This sheet is filed in triplicate.
- (X) Address all future communications to Customer Number 22242.



October 4, 1999

(Date)

Richard A. Kaba

Registration No. 30,562

FITCH, EVEN, TABIN & FLANNERY
Suite 1600
120 South LaSalle Street
Chicago, Illinois 60603-3406
Telephone: (312) 577-7000
Facsimile: (312) 577-7007

LOCATION DETERMINATION DEVICE

FIELD OF THE INVENTION

5 The present invention is in the general field of location tracking service in particular for vehicles.

BACKGROUND OF THE INVENTION

Tracking down vehicles in large fleets of cars is complex, expensive and
10 time consuming. Organizations with a need for instantaneous information on the whereabouts of their vehicles need to rely on expensive and complex software installed on their premises on a server. The information regarding the location of the vehicle is presented in map images of varying scales including arial photos. The software for reading the data is provided by various vehicle
15 **location-tracking service providers** who gather data on vehicles by using communication methods such as GSM radio transmission using GPS location system. Data is collected differently by each provider resulting in confusion for customers who need to decide on various methods to retrieve and view the same type of information . The disadvantages are that only a few, trained personnel in
20 every organization can operate the vehicle tracking software. The software is often resource-heavy, expensive and not intuitive for the users. Retrieval of data can only be done from a few terminals thereby making the information specialized and highly inaccessible.

There is accordingly a need in the art to simplify the process by allowing
25 *inter alia* extraction of information from a multiple car tracking service providers. There is a further need in the art to provide a relatively simple to operate location tracking service adapted for use by common subscribers whilst obviating the need to install and use a cumbersome vehicle tracking software.

SUMMARY OF THE INVENTION

The present invention provides for a system for location tracking of mobile platforms, the mobile platforms are equipped each with a tracking unit; the
5 system comprising:

- (a) a location server communicating through user interface with at least one subscriber equipped with a browser; said communication includes inputs that includes at least the subscriber identity, the mobile platform identity and map information;
- 10 (b) at least one mobile platform location system coupled to said location server for receiving mobile platform identity and map information that pertain to mobile platforms associated with the respective mobile platform location system; each one of said mobile platform location systems is associated with a map database and map engine for manipulating said map
15 database.
- (c) at least one remote tracking service communicating with said respective at least one mobile platform location system for receiving mobile platform identity and returning mobile platform location information;
- the at least one mobile platform location system is adapted to receive said
20 mobile platform location information and access said map database for correlating map to said location information, so as to obtain correlated location information;
- said location server being adapted to receive the correlated location information and forwarding them to said browser.

661001-01-00000000

Explore Litigation Insights

Docket Alarm provides insights to develop a more informed litigation strategy and the peace of mind of knowing you're on top of things.

Real-Time Litigation Alerts



Keep your litigation team up-to-date with **real-time alerts** and advanced team management tools built for the enterprise, all while greatly reducing PACER spend.

Our comprehensive service means we can handle Federal, State, and Administrative courts across the country.

Advanced Docket Research



With over 230 million records, Docket Alarm's cloud-native docket research platform finds what other services can't. Coverage includes Federal, State, plus PTAB, TTAB, ITC and NLRB decisions, all in one place.

Identify arguments that have been successful in the past with full text, pinpoint searching. Link to case law cited within any court document via Fastcase.

Analytics At Your Fingertips



Learn what happened the last time a particular judge, opposing counsel or company faced cases similar to yours.

Advanced out-of-the-box PTAB and TTAB analytics are always at your fingertips.

API

Docket Alarm offers a powerful API (application programming interface) to developers that want to integrate case filings into their apps.

LAW FIRMS

Build custom dashboards for your attorneys and clients with live data direct from the court.

Automate many repetitive legal tasks like conflict checks, document management, and marketing.

FINANCIAL INSTITUTIONS

Litigation and bankruptcy checks for companies and debtors.

E-DISCOVERY AND LEGAL VENDORS

Sync your system to PACER to automate legal marketing.