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(12) United States Patent

Himmelstein

(54) SYSTEM AND METHOD FOR PROVIDING INFORMATION TO USERS BASED ON THE USER'S LOCATION

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- (*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 162 days.

This patent is subject to a terminal disclaimer.

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Related U.S. Application Data

- (63) Continuation of application No. 09/659,074, filed on Sep. 11, 2000, now Pat. No. 6,647,270.
- (60) Provisional application No. 60/153,424, filed on Sep. 10, 1999.
- (51) Int. Cl.

H04Q 7/20 (2006.01)

- (52) **U.S. Cl. 455/456.1**; 455/456.3; 455/416; 455/518; 455/414.2; 455/521; 342/357.1; 342/457; 701/207

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

4,591,823	Α	*	5/1986	Horvat 340/936
5,170,499	А	*	12/1992	Grothause 455/238.1

(10) Patent No.: US 7,123,926 B2

(45) **Date of Patent:** *Oct. 17, 2006

James 701/117
Sprague et al.
Mui
Eisenmann 235/380
McKenna et al.
Hall et al.
Graham et al.
Krasner
Fernandez et al 455/404.1
Hassett
Nitadori
Pressel et al.
Zyburt et al.
Mardirossian
Schepps et al.
Layson, Jr 340/539.13
Lemelson et al.

(Continued)

OTHER PUBLICATIONS

Yahoo Finance "Private Inventor files Patent Application for Telematics-Based Public and Emergency First Responders Safety Advisory System" Feb. 4, 2004 (4 pgs).

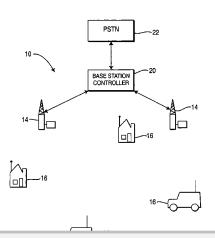
(Continued)

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(57) **ABSTRACT**

A system for providing an advisory communication to a user via a mobile unit includes locating means for locating the position of the mobile unit and sending means for sending a communication to the mobile unit. The mobile unit includes alerting means for alerting the user of the communication. The advisory communication can include information relating to an approaching emergency vehicle, an accident scene, road conditions, a traffic signal, traffic conditions, or weather conditions.

36 Claims, 7 Drawing Sheets



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U.S. PATENT DOCUMENTS

6,014,090	A *	1/2000	Rosen et al 340/905
6,018,699	A *	1/2000	Baron et al 702/3
6,052,598	A *	4/2000	Rudrapatna et al 455/456.1
6,060,995	A *	5/2000	Wicks et al 340/7.48
6,097,974	А	8/2000	Camp et al.
6,177,873	B1 *	1/2001	Cragun 340/601
6,199,045	B1 *	3/2001	Giniger et al 705/1
6,208,844	B1	3/2001	Abdelgany
6,208,862	B1	3/2001	Lee
6,225,890	B1	5/2001	Murphy
6,252,539	B1	6/2001	Phillips et al.
6,255,953	B1	7/2001	Barber
6,275,774	B1	8/2001	Baron et al.
6,295,001	B1	9/2001	Barber
6,466,796	B1 *	10/2002	Jacobson et al 455/456.3
6,480,699	B1	11/2002	Lovoi
6,498,987	B1	12/2002	Kelly et al.
6,505,123	B1	1/2003	Root et al.
6,526,268	B1 *	2/2003	Marrah et al 455/186.1
6,539,232	B1	3/2003	Hendrey et al.
6,542,748	B1	4/2003	Hendrey et al.
6,542,749	B1	4/2003	Tanaka et al.
6,542,750	B1	4/2003	Hendrey et al.
6,590,529	B1	7/2003	Schwoegler
6,603,405	B1	8/2003	Smith
6,618,593	B1	9/2003	Drutman et al.
6,646,559	B1	11/2003	Smith
6,647,270	B1	11/2003	Himmelstein
6,654,689	B1	11/2003	Kelly et al.
6,678,516	B1	1/2004	Nordman et al.
6,700,482	B1	3/2004	Ververs et al.
6,728,323	B1	4/2004	Chen et al.
6,728,528	B1	4/2004	Loke
6,745,021	B1	6/2004	Stevens
6,754,585		6/2004	Root et al.
6,819,919	B1	11/2004	Tanaka
6,853,849	B1	2/2005	Tognazzini
2001/0147766		10/2002	Vanska et al.
2002/0147766	A1	10/2002	Vanska et al.
2002/0174073	A1	11/2002	Nordman et al.

DOCKE

Δ

2003/0169181	A1	9/2003	Taylor
2003/0169185	A1	9/2003	Taylor
2003/0769181		9/2003	Taylor
2004/0010591	A1	1/2004	Sinn et al.
2004/0014457	Al	1/2004	Stevens
2004/0145459	A1	7/2004	Himmelstein
2004/0203931	Al	10/2004	Karaoguz
2004/0248569	A1	12/2004	Kondou et al.
2005/0021666	A1	1/2005	Dinnage et al.
2005/0233741	A1	10/2005	Zamani

OTHER PUBLICATIONS

Selingo, Jeffrey "Protecting the Cellphone User's Rights to Hide" Feb. 5, 2004 (2 pgs).

Match.,com Corporate "Match.com's Wireless Dating Service MatchMobile Launches Photo Profiles" (2 pgs).

Match.com Corporate "Match.com Launches Match Mobile Launches with AT&T Wireless" (2 pgs).

AT&T Wireless "Our Biggest Store: Organization" (2 pgs).

AT&T Wireless "Features and Services User Guide" (2 pgs).

http://wwwa/accuweather.com/iwxpage/adc/mobile/messenger.htm (admitted, not prior art).

"Match.com Launches Match Mobile with AT&T Wireless", Match. com Corporate, Dec. 2003.

"Match.com's Wireless Dating Service MatchMobile Launches Photo Profiles", Match.com Corporate, Dec. 2003.

"Our Biggest Store: Organization Find People Nearby", AT&T Wireless, http://www.attwireless.com/personal/features/organiza-tion/findfriends.jhtml, Feb. 2004.

AT&T Wireless, "Features and Services User Guide, How to Use Your AT&T Wireless Features and Services".

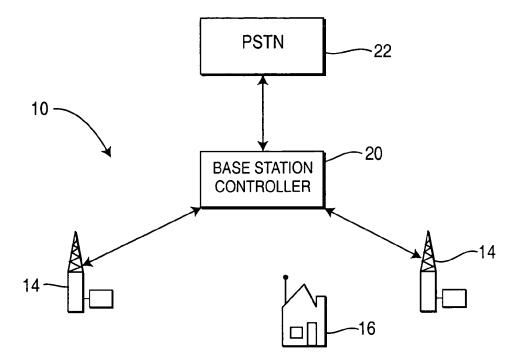
Selingo, "Protecting the Cellphone User's Right to Hide", The New York Times, nytimes.com, Feb. 5, 2004.

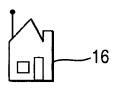
Yahoo Finance, "Private Inventor Files Patent Application for Telematics-Based Public and Emergency First Reponders Safety Advisory System", Feb. 2004, http://biz.yahoo.com/prnews/ 040204/law0211.html.

http://wwwa.accuweather.com/iwxpage/adc/mobile/messenger.htm (admitted, not prior art).

US 6,731,928, 05/2004, Tanaka (withdrawn)

* cited by examiner





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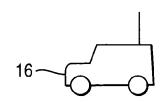


FIG. 1

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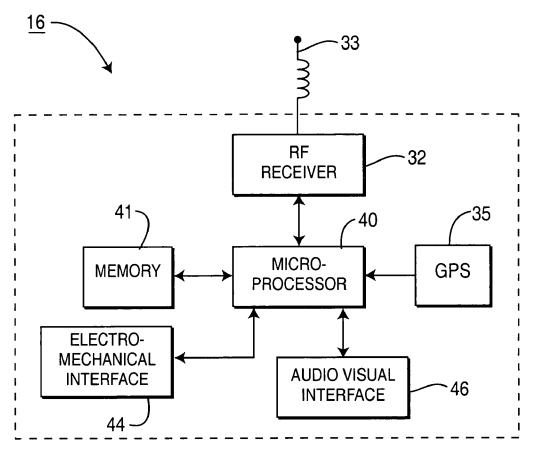
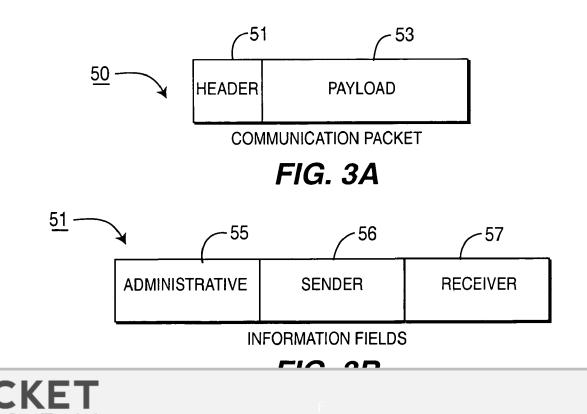
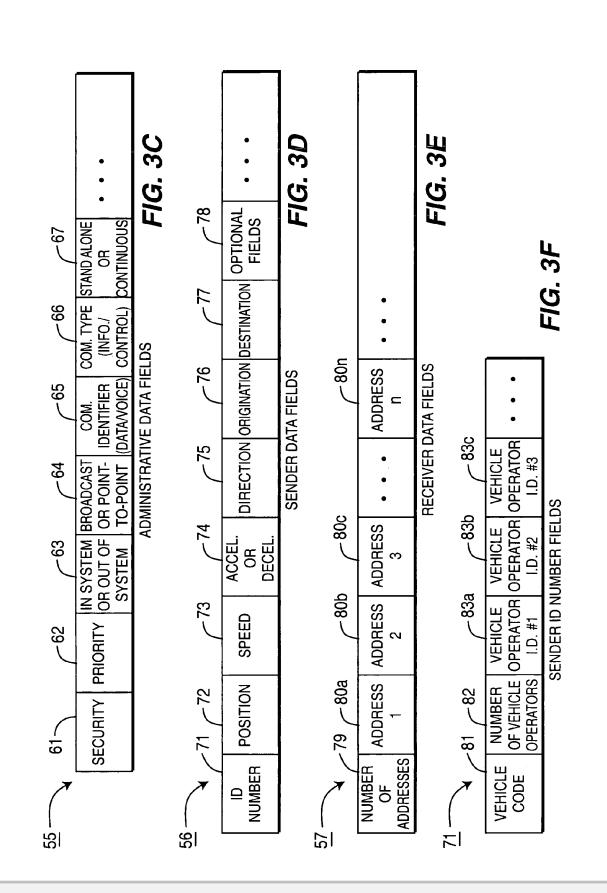


FIG. 2



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