

Application/Control Number: 09/550,476  
Art Unit: 3661

Page 2

**DETAILED ACTION**

1. This office action is responsive to applicant's amendment filed on 7/24/01.

***Claim Rejections - 35 USC § 103***

2. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

3. Claims 1, 6, 7, 8, 11-13, 16, 19, and 24 are rejected under 35 U.S.C. 103(a) as being unpatentable over Albrecht et al. (U.S. Patent No. 5,812,069) in view of Fan et al. (U.S. Patent No. 5,959,577).

In regard to claim 1, Albrecht discloses:

- A plurality of traffic monitors **20**, each said traffic monitor comprises at least a detector and a transmitter (see col. 4 lines 87-40), said detector providing a signal including data representative of vehicular movement and said transmitter transmitting said signals (see col. 4 lines 37-40 and Fig.);
- A receiver **31**, remotely located from said transmitter, that receives said signals transmitted by said traffic monitors (see Fig and col. 4 lines 40-44);
- a computer system interconnected with said receiver and said network (see col. 4 lines 43-45).

Although, Albrecht discloses a computer system, a mobile user station, a GPS receiver, he fails to disclose the connection among them with a display

using a communicating device. Furthermore, he fails to disclose that the computer system provide response to the mobile user station in response to request made by said mobile user stations.

Fan discloses:

- a mobile unit **3** connected to a global positioning system receiver **8** (see Fig. 1), a mobile unit having a display (see Fig. 12), communicating device (see Fig. 1); which corresponds to step (d) of claim 1;
- a computer system provides response to the mobile user stations in response to request made by said mobile user stations (see abstract and col. 1 line 64-col. 2 line 24).

At the time of the invention, it would have been obvious to one of the ordinary skill in the art to include Fan's travel relating information network with Albrecht's traffic flows forecasting method so that vehicle movement can be monitored and travel-related information can be transmitted to the vehicles (see Fan col. 1 lines 10-12).

In regard to claim 16, Albrecht discloses:

- a plurality of vehicles **11**, each vehicle comprising at least a mobile user station a global positioning system receiver and a transmitter (see col. 4 lines 36-37 and col. 4 lines 59-63) said mobile user station providing a signal including data representative of a location of said mobile user station and at

least one of a speed of said vehicle (see col. 4 lines 36-37 and col. 4 lines 59-63).

- a receiver **31**, remotely located from said transmitter, that receives said signals transmitted by said traffic monitors (see Fig and col. 4 lines 40-44);
- a computer system interconnected with said receiver and said network (see col. 4 lines 43-45).

Although, Albrecht discloses a computer system, a mobile user station, a GPS receiver, he fails to disclose that the computer system provide response to the mobile user station in response to request made by said mobile user stations.

Fan discloses:

- a computer system provides response to the mobile user stations in response to request made by said mobile user stations (see abstract and col. 1 line 64- col. 2 line 24).

At the time of the invention, it would have been obvious to one of the ordinary skill in the art to include Fan's travel relating information network with Albrecht's traffic flows forecasting method so that vehicle movement can be monitored and travel-related information can be transmitted to the vehicles (see Fan col. 1 lines 10-12).

In regard to claim 6, Albrecht discloses that said traffic detector detects vehicular speed (see col. 3 lines 66-67).

In regard to claims 7 and 8, Fan discloses that at least one of said transmitters transmits directly to said receiver; at least one of said transmitters transmits to another traffic monitor (see Fig. 1 and col. 1 line 64-col. 2 line 24).

In regard to claim 11, Fan discloses that the mobile unit provides latitude and longitude information to said computer system (see col. 3 lines 11-16 and col. 4 lines 55-65).

In regard to claim 12, Fan discloses that said computer system selects said traffic information to provide to said mobile user station based on a signal received from said global positioning system receiver (see col. col. 1 line 64-col. 2 line 24).

In regard to claims 13, 19 and 24, Fan discloses that said computer system maintains a traffic information database containing data representative of traffic at a plurality of locations and updates said traffic information database in response to signals received from said mobile user station; they also disclose that the computer screens data providing by said mobile user stations to determine whether said data corresponds to actual traffic conditions (see col. 4 lines 41-65).

***Claim Rejections - 35 USC § 103***

4. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

5. Claims 2-4, 9, 10, 14, 15, 17 and 20-23 are rejected under 35 U.S.C. 103(a) as being unpatentable over Albrecht et al. (U.S. Patent No. 5,812,069) in view of Fan et al. (U.S. Patent No. 5,959,577) as applied to claims 1 and 16 above and further in view of Lappenbusch et al. (U.S. Patent No. 5,982,298).

In regard to claims 2-4, 14, 17, 20, 22, and 23, although Fan disclose a display (see Figs. 12 and 13), Albrecht and Fan fail to disclose that said traffic information transmitted by said computer system is displayed graphically on said display. They also fail to disclose that said traffic information is displayed together with a video image and a text message.

Lappenbusch discloses that said traffic information transmitted by said computer system is displayed graphically on said display; In addition, Lappenbusch discloses that said traffic information is displayed together with a video image and a text message (see Figs. 4-8; col. 1 lines 28-33; and col. 9 lines 37-50).

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At the time of the invention it would have been obvious to one skilled in the art to utilize Lappenbusch's graphical display with the combined traffic information system of Abrecht and Fan because it would provide a vehicle monitoring system that can be deployed on a world-wide basis at minimum cost since the cost of communication in the internet is inexpensive (see Lappenbusch col.11 lines 13-33).

In regard to claims 9 and 10, Lappenbusch discloses that at least one of said traffic monitors includes a video camera; at least said detector is a video camera (see Fig. 1).

At the time of the invention it would have been obvious to one skilled in the art to utilize Lappenbusch's camera with the combined travel information system of Abrecht and Fan so that continuous images and live feeds conditions can be provided (see Lappenbusch col.1 lines 15-18).

In regard to claims 15 and 21, Fan discloses that said mobile user station has an input mechanism to select a mode in which traffic information is graphically displayed on said display (see Figs. 12 and 13).

***Allowable Subject Matter***

6. Claims 5 and 18 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

In regard to claims 5 and 18, none of the above cited references, either singularly or in combination, teach or fairly suggest:

"said computer system has a map database, and said computer system, in response to said request for information, transmits map information representative of a portion of said map database, and said map information representative of said map database is displayed graphically together with said traffic information."

7. Claims 25-38 allowable because none of the above cited references, either singularly or in combination, teach or fairly suggest:

"at least one of said mobile user stations providing a request to said computer system for information together with a respective location of said mobile user stations, and in response thereto, said computer system providing to said one of said mobile user stations information representative of selected portions of said map database and selected portions of said traffic information database based on said respective geographic location of said one of said mobile user stations".

***Response to Arguments***

8. Applicant's arguments filed on 7/24/01 have been considered but are moot in view of the new ground(s) of rejection based on Albrecht et al. (U.S. Patent No.5,812,069).

***Conclusion***

9. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than **SIX MONTHS** from the date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Marthe Y. Marc-Coleman whose telephone number is



Application/Control Number: 09/550,476  
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Page 10


(703) 305-4970. - The examiner can normally be reached on Monday - Thursday  
(9:30AM - 8:00PM).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, William Cuchlinski can be reached on (703) 308-3873. The fax phone numbers for the organization where this application or proceeding is assigned are (703) 305-7687 for regular communications and (703) 308-8623 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 308-1111.

Patent Examiner  
*MYM*  
Marthe Marc-Coleman

August 22, 2001

  
WILLIAM A. CUCHLINSKI, JR.  
SUPERVISORY PATENT EXAMINER  
TECHNOLOGY CENTER 3600

**Notice of References Cited**

Application/Control No. 09/550,476	Applicant(s)/Patent Under Reexamination DEKOCK ET AL.	
Examiner Marthe Y. Marc-Coleman	Art Unit 3661	Page 1 of 1

**U.S. PATENT DOCUMENTS**

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification	
	A	US-5812069	09-1998	Albrecht et al.	340	905
	B	US-				
	C	US-				
	D	US-				
	E	US-				
	F	US-				
	G	US-				
	H	US-				
	I	US-				
	J	US-				
	K	US-				
	L	US-				
	M	US-				

**FOREIGN PATENT DOCUMENTS**

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	Classification	
	N						
	O						
	P						
	Q						
	R						
	S						
	T						

**NON-PATENT DOCUMENTS**

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
	U	
	V	
	W	
	X	

\*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)  
Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.

Application No. 09/550,476

Attorney Docket No. KLR 7146.019



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  
PATENT APPLICATION EXAMINING OPERATIONS

Applicant: DeKock

Group Art Unit: 3661

Serial No.: 09/550,476

Examiner: Coleman, Marc M.

Filed : SYSTEM FOR PROVIDING TRAFFIC INFORMATION

Title : April 14, 2000

*7/ R.D.E.  
2/12/02  
Holas*

RECEIVED

FEB 06 2002

GROUP 3600

AMENDMENT

1600 ODS Tower  
601 SW Second Avenue  
Portland, Oregon 97204-3157  
November 16, 2001

Box Non-Fee Amendment  
Assistant Commissioner for Patents  
Washington, D.C. 20231

Dear Sir:

In response to the Office Action dated August 24, 2001, please amend the application as follows:

In The Claims:

Please amend the claim 1 as follows:

1.(Amended twice) A system for providing traffic information to a plurality of mobile users connected to a network, comprising:

- (a) a plurality of traffic monitors, each said traffic monitor comprising at least

*Amend.  
B.  
not entered  
MYM*

a detector and a transmitter, said detector providing a signal including data representative of vehicular movement and said transmitter transmitting said signals;

- (b) a receiver, remotely located from said transmitter, that receives said signals transmitted by said traffic monitors; and
- (c) a computer system interconnected with said receiver and said network;
- (d) a mobile user station connected to a global positioning system receiver, a display, and a communicating device; and
- (e) said computer system, in response to a request for traffic information from one of said mobile user stations, providing in response thereto to said one of said mobile user stations traffic information representative of said signals transmitted by said traffic monitors.
- (f) wherein said traffic information transmitted by said computer system is displayed graphically on said display; and
- (g) wherein said computer system has a map database, and said computer system, in response to said request for information, transmits map information representative of a portion of said map database, and said map information representative of said map database is displayed graphically together with said traffic information.

Please amend claim 16 as follows:

16. (Amended twice) A system for providing traffic information to a plurality of mobile users connected to a network, comprising:

- (a) a plurality of vehicles, each said vehicle comprising at least a mobile user station, a global positioning system receiver and a transmitter, said mobile user station providing a signal including data representative of a location of said mobile user station and at least one of a speed of said vehicle and

- an identification code of said mobile user station and said transmitter transmitting said signal;
- (b) a receiver that receives said signals transmitted by said user stations; and
  - (c) a computer system interconnected with said receiver and said network, said computer system, in response to a request for information from one of said mobile user stations, providing in response thereto to said one of said mobile user stations information representative of said signals transmitted by said mobile user stations.
  - (d) wherein said vehicle further comprises a display and said information transmitted by said computer system is displayed graphically on said display; and
  - (e) wherein said computer system has a map database, and said computer system, in response to said request for information, transmits information representative of a portion of said map database, and said information representative of said map database is displayed graphically.

Please cancel claims 2, 5, 17 and 18 without prejudice.

#### **REMARKS**

In the Office Action mailed August 24, 2001, the Examiner objected to claims 5 and 18, but indicated that such claims would be allowable if rewritten in independent form to include all of the limitations of the base claim and any intervening claims.

Claim 1 has been amended to include the limitations of claims 2 and 5, and claims 2 and 5 have been cancelled. Accordingly, claim 1 is submitted to be allowable.

Claims 3-4, and 6-15 depend from claim 1, and hence are also in condition for allowance.

Likewise, claim 16 has been amended to include the limitation of claims 17 and

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Attorney Docket No. KLR 7146.019

18, and claims 17 and 18 have been cancelled. Claim 16 should therefore be allowable.

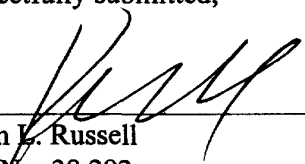
Claims 19-24 depend from claim 16, and are also in condition for allowance.

The Examiner also indicated that claims 25-38 were allowed.

Attached hereto is a marked-up version of the changes made to the specification and claims by the current amendment. The attached page is captioned "Version with markings to show changes made."

In view of the foregoing amendments and remarks, applicant submits that all of the claims are now in condition for allowance, and respectfully requests the Examiner to pass the claims to issue.

Respectfully submitted,



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Kevin L. Russell  
Reg. No. 38,292  
Of Attorneys for Applicant  
Tel: (503) 227-5631

**CERTIFICATE OF MAILING**

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Box Non-Fee Amendment, Assistant Commissioner for Patents, Washington, D.C. 20231, on November 16, 2001.

Dated: November 16, 2001



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Kevin L. Russell

A000228

**VERSION WITH MARKINGS TO SHOW CHANGES MADE**

1.(Amended twice) A system for providing traffic information to a plurality of mobile users connected to a network, comprising:

- (a) a plurality of traffic monitors, each said traffic monitor comprising at least a detector and a transmitter, said detector providing a signal including data representative of vehicular movement and said transmitter transmitting said signals;
- (b) a receiver, remotely located from said transmitter, that receives said signals transmitted by said traffic monitors; and
- (c) a computer system interconnected with said receiver and said network;
- (d) a mobile user station connected to a global positioning system receiver, a display, and a communicating device; [and]
- (e) said computer system, in response to a request for traffic information from one of said mobile user stations, providing in response thereto to said one of said mobile user stations traffic information representative of said signals transmitted by said traffic monitors[.]
- (f) wherein said traffic information transmitted by said computer system is displayed graphically on said display; and
- (g) wherein said computer system has a map database, and said computer system, in response to said request for information, transmits map information representative of a portion of said map database, and said map information representative of said map database is displayed graphically together with said traffic information.

16. (Amended twice) A system for providing traffic information to a plurality of mobile users connected to a network, comprising:

- (a) a plurality of vehicles, each said vehicle comprising at least a mobile user station, a global positioning system receiver and a transmitter, said mobile user station providing a signal including data representative of a location of said mobile user station and at least one of a speed of said vehicle and an identification code of said mobile user station and said transmitter transmitting said signal;
- (b) a receiver that receives said signals transmitted by said user stations; [and]
- (c) a computer system interconnected with said receiver and said network, said computer system, in response to a request for information from one of said mobile user stations, providing in response thereto to said one of said mobile user stations information representative of said signals transmitted by said mobile user stations[.]
- (d) wherein said vehicle further comprises a display and said information transmitted by said computer system is displayed graphically on said display; and
- (e) wherein said computer system has a map database, and said computer system, in response to said request for information, transmits information representative of a portion of said map database, and said information representative of said map database is displayed graphically.

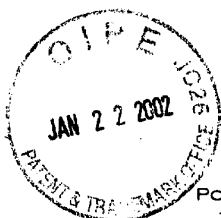


GP/3661

LAW OFFICES

CHERNOFF, VILHAUER, MCCLUNG & STENZEL, LLP

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- \* DENNIS E. STENZEL
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- \* DONALD B. HASLETT
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DANIEL P. CHERNOFF  
(1935-1995)

November 16, 2001

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FEB 06 2002 Our File No. 7116.004

GROUP 3600

Box NO FEE AMENDMENT  
Commissioner for Patents  
Washington, D.C. 20231

Re: United States Application Serial No.09/550,476  
Filed: April 4, 2000  
For: SYSTEM FOR PROVIDING TRAFFIC INFORMATION

Dear Sir:

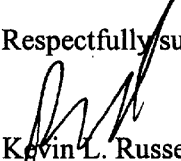
Enclosed are the following documents regarding the above-referenced patent application:

1. Transmittal letter in duplicate;
2. Amendment; and
3. Acknowledgment postcard

The Commissioner is hereby authorized to charge payment of any additional fees or credit any overpayment to Deposit Account No. 03-1550. A duplicate copy of this letter is enclosed.

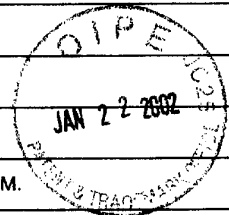
Please address all communications regarding the above-identified patent to Chernoff, Vilhauer, McClung & Stenzel, LLP at the then current address for payor number 000152.

Respectfully submitted,

  
Kevin L. Russell  
Reg. No. 38,292  
Attorney for Applicant

KLR:fpv  
Enclosures

<b>TRANSMITTAL FORM</b> <small>(to be used for all correspondence after initial filing)</small>	<b>Application Number</b>	0 10,476	
	<b>Filing Date</b>	April 14, 2000	
	<b>First Named Inventor</b>	DeKock	
	<b>Group Art Unit</b>	3661	
	<b>Examiner Name</b>	Coleman, Marc M.	
<b>Total Number of Pages in this Submission</b>	7	<b>Attorney Docket Number</b>	KLR:7116.004



ENCLOSURES (check all that apply)		
<input type="checkbox"/> Fee transmittal <input type="checkbox"/> Fee attached form <input checked="" type="checkbox"/> Amendment <input type="checkbox"/> After Final/ Response <input type="checkbox"/> Affidavits/Declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified copy of Priority Documents <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts Under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers (for an application) <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing Related Papers <input type="checkbox"/> Petition Routing Slip (PTO/SB/69) and Accompanying Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation, Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Small Entity Statement <input type="checkbox"/> Request for Refund	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Additional Enclosures (identify below) 1. Transmittal Letter 2. Acknowledgment Postcard
Remarks:		

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FEB 06 2002  
**GROUP 3600**

SIGNATURE OF APPLICANT, ATTORNEY OR AGENT	
<b>Firm or Individual Name</b>	Kevin L. Russell
<b>Signature</b>	
<b>Date</b>	November 16, 2001

CERTIFICATE OF MAILING			
I hereby certify that, on the date shown below, this correspondence is being deposited with the United States Postal Service in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C., 20231			
<input checked="" type="checkbox"/> with sufficient postage as first class mail <input type="checkbox"/> as "Express Mail Post Office to Addressee" - mailing label no. _____			
<b>Type or print name</b>	Kevin L. Russell		
<b>Signature</b>		<b>Date</b>	November 16, 2001

Feb-14-02 02:53pm From-

T-885 P.002/008 F-301

**Official**

Application No. 09/550,476

Attorney Docket No. KLR 7146.019

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PATENT APPLICATION EXAMINING OPERATIONS

**FAX RECEIVED**

FEB 14 2002

Applicant: DeKock

Group Art Unit: 3661

Serial No.: 09/550,476

Examiner: Coleman, Marc M.

**GROUP 3600**

Filed : SYSTEM FOR PROVIDING TRAFFIC INFORMATION

*Amdt C # 8*

Title : April 14, 2000

*G. Burns*

*02/19/02*

AMENDMENT

1600 ODS Tower  
601 SW Second Avenue  
Portland, Oregon 97204-3157  
February 14, 2002

Box Non-Fee Amendment  
Assistant Commissioner for Patents  
Washington, D.C. 20231

Dear Sir:

In response to the Office Action dated August 24, 2001, please amend the application as follows:

In The Claims:

Please amend the claim 1 as follows:

1. (Amended twice) A system for providing traffic information to a plurality of mobile users connected to a network, comprising:

(a) a plurality of traffic monitors, each said traffic monitor comprising at least a

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detector and a transmitter, said detector providing a signal including data representative of vehicular movement and said transmitter transmitting said signals;

C1  
cancel.

- (b) a receiver, remotely located from said transmitter, that receives said signals transmitted by said traffic monitors; and
- (c) a computer system interconnected with said receiver and said network;
- (d) a mobile user station connected to a global positioning system receiver, a display, and a communicating device; and
- (e) said computer system, in response to a request for traffic information from one of said mobile user stations, providing in response thereto to said one of said mobile user stations traffic information representative of said signals transmitted by said traffic monitors.
- (f) wherein said traffic information transmitted by said computer system is displayed graphically on said display; and
- (g) wherein said computer system has a map database, and said computer system, in response to said request for information, transmits map information representative of a portion of said map database, and said map information representative of said map database is displayed graphically together with said traffic information.

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<sup>2</sup>1. (amended once) The system of claim 1 wherein said traffic information is displayed together with a video image.

C2

<sup>3</sup>1. (amended once) The system of claim 1 wherein said traffic information is displayed with a text message.

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Please amend claim 16 as follows:

C3

<sup>14</sup>16. (Amended twice) A system for providing traffic information to a plurality of

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C

Application No. 09/550,476

Attorney Docket No. KLR 7146.019

mobile users connected to a network, comprising:

- (a) a plurality of vehicles, each said vehicle comprising at least a mobile user station, a global positioning system receiver and a transmitter, said mobile user station providing a signal including data representative of a location of said mobile user station and at least one of a speed of said vehicle and an identification code of said mobile user station and said transmitter transmitting said signal;
- (b) a receiver that receives said signals transmitted by said user stations; and
- (c) a computer system interconnected with said receiver and said network, said computer system, in response to a request for information from one of said mobile user stations, providing in response thereto to said one of said mobile user stations information representative of said signals transmitted by said mobile user stations.
- (d) wherein said vehicle further comprises a display and said information transmitted by said computer system is displayed graphically on said display; and
- (e) wherein said computer system has a map database, and said computer system, in response to said request for information, transmits information representative of a portion of said map database, and said information representative of said map database is displayed graphically.

C3  
concl.

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<sup>17</sup>20.(amended once) The system of claim <sup>14</sup>16 wherein the location of said one of said mobile user stations is displayed graphically on said display together with said traffic information provided by said computer system.

C4

<sup>20</sup>21.(amended once) The system of claim <sup>14</sup>16 wherein said mobile user station has an input mechanism to select different modes of displaying traffic information on said display.

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Please cancel claims 2, 5, 17 and 18 without prejudice.

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C

Application No. 09/550,476

Attorney Docket No. KLR 7146.019

**REMARKS**

In the Office Action mailed August 24, 2001, the Examiner objected to claims 5 and 18, but indicated that such claims would be allowable if rewritten in independent form to include all of the limitations of the base claim and any intervening claims.

Claim 1 has been amended to include the limitations of claims 2 and 5, and claims 2 and 5 have been cancelled. Accordingly, claim 1 is submitted to be allowable.

Claims 3-4, and 6-15 depend from claim 1, and hence are also in condition for allowance.

Likewise, claim 16 has been amended to include the limitation of claims 17 and 18, and claims 17 and 18 have been cancelled. Claim 16 should therefore be allowable.

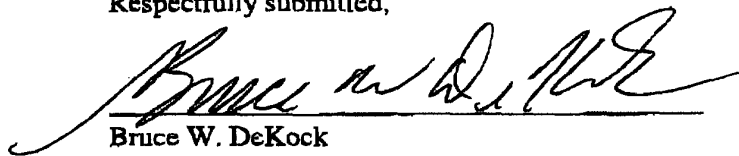
Claims 19-24 depend from claim 16, and are also in condition for allowance.

The Examiner also indicated that claims 25-38 were allowed.

Attached hereto is a marked-up version of the changes made to the specification and claims by the current amendment. The attached page is captioned "Version with markings to show changes made."

In view of the foregoing amendments and remarks, applicant submits that all of the claims are now in condition for allowance, and respectfully requests the Examiner to pass the claims to issue.

Respectfully submitted,



Bruce W. DeKock  
Reg. No. 40,585  
Of Attorneys for Applicant  
Tel: (503) 227-5631



Feb-14-02 02:54pm From-

T-886 P.006/008 F-301

Application No. 09/550,476

Attorney Docket No. KLR 7146.019

**CERTIFICATE OF TRANSMISSION**

I hereby certify that this correspondence is being faxed to Examiner Marthe Marc-Coleman at (703) 305-7687 on February 14, 2002.

Dated: February 14, 2002

  
Bruce W. DeKock

C

Application No. 09/550,476

Attorney Docket No. KLR 7146.019

**VERSION WITH MARKINGS TO SHOW CHANGES MADE**

1. (Amended twice) A system for providing traffic information to a plurality of mobile users connected to a network, comprising:

- (a) a plurality of traffic monitors, each said traffic monitor comprising at least a detector and a transmitter, said detector providing a signal including data representative of vehicular movement and said transmitter transmitting said signals;
- (b) a receiver, remotely located from said transmitter, that receives said signals transmitted by said traffic monitors; and
- (c) a computer system interconnected with said receiver and said network;
- (d) a mobile user station connected to a global positioning system receiver, a display, and a communicating device; [and]
- (e) said computer system, in response to a request for traffic information from one of said mobile user stations, providing in response thereto to said one of said mobile user stations traffic information representative of said signals transmitted by said traffic monitors[.]
- (f) wherein said traffic information transmitted by said computer system is displayed graphically on said display; and
- (g) wherein said computer system has a map database, and said computer system, in response to said request for information, transmits map information representative of a portion of said map database, and said map information representative of said map database is displayed graphically together with said traffic information.

3. The system of claim [2] 1 wherein said traffic information is displayed together with a video image.

4. The system of claim [2] 1 wherein said traffic information is displayed with

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Application No. 09/550,476

Attorney Docket No. KLR 7146.019

a text message.

16. (Amended twice) A system for providing traffic information to a plurality of mobile users connected to a network, comprising:

- (a) a plurality of vehicles, each said vehicle comprising at least a mobile user station, a global positioning system receiver and a transmitter, said mobile user station providing a signal including data representative of a location of said mobile user station and at least one of a speed of said vehicle and an identification code of said mobile user station and said transmitter transmitting said signal;
- (b) a receiver that receives said signals transmitted by said user stations; [and]
- (c) a computer system interconnected with said receiver and said network, said computer system, in response to a request for information from one of said mobile user stations, providing in response thereto to said one of said mobile user stations information representative of said signals transmitted by said mobile user stations[.]
- (d) wherein said vehicle further comprises a display and said information transmitted by said computer system is displayed graphically on said display; and
- (e) wherein said computer system has a map database, and said computer system, in response to said request for information, transmits information representative of a portion of said map database, and said information representative of said map database is displayed graphically.

20. The system of claim [17] 16 wherein the location of said one of said mobile user stations is displayed graphically on said display together with said traffic information provided by said computer system.

21. The system of claim [17] 16 wherein said mobile user station has an input mechanism to select different modes of displaying traffic information on said display.

C

Feb-14-02 02:53pm From-

T-885 P.001/008 F-301

3A08

CHERNOFF, VILHAUER, McCLUNG & STENZEL

1600 ODS Tower  
601 SW 2<sup>nd</sup> Avenue  
Portland, Oregon 97204-3157

Telephone (503) 227-5631  
Facsimile (503) 228-4373

Official

FAX RECEIVED

FEB 14 2002

GROUP 3600

FACSIMILE COVER SHEET

TO: Marthe Marc-Coleman

FAX NO.: (703) 305-7687

FROM: Bruce W. DeKock

DATE: February 14, 2002

No. of pages  
following this sheet:

7

This responds to the Examiner's telephone call to Kevin Russell requesting a revised amendment that corrects the numbering of the dependent claims. Please call Bruce DeKock if there are any questions or if additional material is needed.

This transmission is being sent by a XEROX 7020 Facsimile machine. If you have trouble receiving the transmission or if fewer than the number of pages shown above are received, please call Melody at (503) 227-5631.

Return messages can be sent in either a CCITT Group 2 or Group 3 mode to (503) 228-4373.

*Please  
enter Amend.  
is paper #8  
MYM  
2/19/02*

C

A000240

<b>Notice of Allowability</b>	Application No.	Applicant(s)	
	09/550,476	DEKOCK ET AL.	
	Examiner	Art Unit	
	Marthe Y Marc-Coleman	3661	

**-- 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 2/14/02.
2.  The allowed claim(s) is/are 1,3,4,6-16 and 19-38.
3.  The drawings filed on \_\_\_\_\_ are accepted by the Examiner.
4.  Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - 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: \_\_\_\_\_.
5.  Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
  - (a)  The translation of the foreign language provisional application has been received.
6.  Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

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.**


7.  A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
8.  CORRECTED DRAWINGS must be submitted.
  - (a)  including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
    - 1)  hereto or 2)  to Paper No. 3.
  - (b)  including changes required by the proposed drawing correction filed \_\_\_\_\_, which has been approved by the Examiner.
  - (c)  including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No. \_\_\_\_\_.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the top margin (not the back) of each sheet. The drawings should be filed as a separate paper with a transmittal letter addressed to the Official Draftsperson.

9.  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 <input type="checkbox"/> Notice of References Cited (PTO-892)  | 2 <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)          |
| 3 <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                    | 4 <input type="checkbox"/> Interview Summary (PTO-413), Paper No. _____             |
| 5 <input type="checkbox"/> Information Disclosure Statements (PTO-1449), Paper No. _____               | 6 <input type="checkbox"/> Examiner's Amendment/Comment                             |
| 7 <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit of Biological Material | 8 <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance |
|  | 9 <input type="checkbox"/> Other  |

  
**WILLIAM A. CUCHLINSKI, JR.**  
 SUPERVISORY PATENT EXAMINER  
 TECHNOLOGY CENTER 3600

### REASONS FOR ALLOWANCE

1. The following is an examiner's statement of reasons for allowance:

U.S. Patent No. 5,821,069 discloses a method and a system which make reliable forecasting of the traffic flows at selected locations or in selected sections of a road network possible and thereby permit, in particular, effective traffic direction and guiding of vehicles to their destinations. to communicate with all of the vehicle control units and with passenger telephones. U.S. Patent No. discloses a method is provided for processing position and travel related information through a data processing station on a data network. In one embodiment, a GPS receiver is used to obtain a measured position fix of a mobile unit. The measured position fix is reported to the data processing station which associates the reported position to a map of the area. Typically, the measured position of the mobile unit is marked and identified by a marker on the map. The area map is then stored in the data processing station and made available for access by authorized monitor units or mobile units. An authorized monitor unit may request for a specific area map by sending a request through the data network. Upon receiving a request, the data processing unit sends the area map to the monitor unit. Data processing station may also perform a database search for travel-related information, such as directions to a gasoline station.

None of the above-cited references either singularly or in combination teach or fairly disclose:

"wherein said computer system has a map database, and said computer system, in response to said request for information, transmits map information representative of a portion of said map database, and said map information representative of said map database is displayed graphically together with said traffic information".

"at least one of said mobile user stations providing a request to said computer system for information together with a respective location of said mobile user stations, and in response thereto, said computer system providing to said one of said mobile user stations information representative of selected portions of said map database and selected portions of said traffic information database based on said respective geographic location of said one of said mobile user stations."

2. 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 clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Marthe Y Marc-Coleman whose telephone number is (703) 305-4970. The examiner can normally be reached on Monday-Thursday from 9:30 AM - 8:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, William A Cuchlinski can be reached on (703) 308-3873. The fax phone numbers for the organization where this application or proceeding is assigned are (703)

Application/Control Number: 09/550,476


Page 4

Art Unit: 3661

305-7687 for regular communications and (703) 305-7687 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 308-1113.

Patent Examiner  
MYM  
Marthe Marc-Coleman

  
WILLIAM A. CUCHLINSKI, JR.  
SUPERVISORY PATENT EXAMINER  
TECHNOLOGY CENTER 3600

February 19, 2002

A000244



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER OF PATENTS AND TRADEMARKS
Washington, D.C. 20231
www.uspto.gov

NOTICE OF ALLOWANCE AND FEE(S) DUE

7590 02/20/2002
Bruce W DeKock
1600 ODS Tower
801 S W Second Avenue
Portland, OR 97204

Table with 2 columns: EXAMINER (MARC COLEMAN, MARTHE Y), ART UNIT (3661), CLASS-SUBCLASS (701-117000)

DATE MAILED: 02/20/2002

Table with 5 columns: APPLICATION NO. (09/550,476), FILING DATE (04/14/2000), FIRST NAMED INVENTOR (Bruce W. DeKock), ATTORNEY DOCKET NO. (BWD-7118.004), CONFIRMATION NO. (8794)

TITLE OF INVENTION: SYSTEM FOR PROVIDING TRAFFIC INFORMATION

Table with 7 columns: TOTAL CLAIMS (34), APPLN. TYPE (nonprovisional), SMALL ENTITY (YES), ISSUE FEE (\$640), PUBLICATION FEE (\$0), TOTAL FEE(S) DUE (\$640), DATE DUE (05/20/2002)

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 REFLECTS A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE APPLIED IN THIS APPLICATION. THE PTOL-85B (OR AN EQUIVALENT) MUST BE RETURNED WITHIN THIS PERIOD EVEN IF NO FEE IS DUE OR THE APPLICATION WILL BE REGARDED AS ABANDONED.

HOW TO REPLY TO THIS NOTICE:

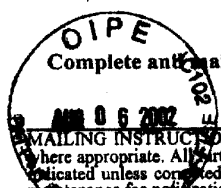
I. Review the SMALL ENTITY status shown above. If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:
A. If the status is changed, pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above and notify the United States Patent and Trademark Office of the change in status, or
B. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

If the SMALL ENTITY is shown as NO:
A. Pay TOTAL FEE(S) DUE shown above, or
B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check the box below and enclose the PUBLICATION FEE and 1/2 the ISSUE FEE shown above.
[ ] Applicant claims SMALL ENTITY status. See 37 CFR 1.27.

II. PART B - FEE(S) TRANSMITTAL should be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). Even if the fee(s) have already been paid, Part B - Fee(s) Transmittal should be completed and returned. 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.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Box 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

86 B \$

Complete and mail this form, together with applicable fee(s), to:

Box ISSUE FEE
Assistant Commissioner for Patents
Washington, D.C. 20231

MAILING INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 4 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: Legibly mark-up with any corrections or use Block 1)

7590 02/20/2002

Bruce W DeKock
1600 ODS Tower
801 S W Second Avenue
Portland, OR 97204

Note: The certificate of mailing below 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.

Certificate of Mailing

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 Box Issue Fee address above on the date indicated below.

Kevin L. Russell (Depositor's name)
[Signature] (Signature)
July 30, 2002 (Date)

Table with 5 columns: APPLICATION NO., FILING DATE, FIRST NAMED INVENTOR, ATTORNEY DOCKET NO., CONFIRMATION NO.

TITLE OF INVENTION: SYSTEM FOR PROVIDING TRAFFIC INFORMATION

Table with 7 columns: TOTAL CLAIMS, APPLN. TYPE, SMALL ENTITY, ISSUE FEE, PUBLICATION FEE, TOTAL FEE(S) DUE, DATE DUE

Table with 3 columns: EXAMINER, ART UNIT, CLASS-SUBCLASS

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363). Use of PTO form(s) and Customer Number are recommended, but not required.

- Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.
"Fee Address" indication (or "Fee Address" Indication form PTO/SB/47) attached.

2. For printing on the patent front page, list (1) the names of up to 3 registered patent attorneys or agents OR, alternatively, (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.

Chernoff Vilhauer McClung & Stenzel, LLP

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. Inclusion of assignee data is only appropriate when an assignment has been previously submitted to the USPTO or is being submitted under separate cover. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

Bruce DeKock

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

Bend, Oregon

Please check the appropriate assignee category or categories (will not be printed on the patent) [X] individual [ ] corporation or other private group entity [ ] government

4a. The following fee(s) are enclosed:

- [X] Issue Fee
[ ] Publication Fee
[X] Advance Order - # of Copies

4b. Payment of Fee(s):

- [X] A check in the amount of the fee(s) is enclosed.
[ ] Payment by credit card. Form PTO-2038 is attached.
[X] The Commissioner is hereby authorized by charge the required fee(s), or credit any overpayment, to Deposit Account Number 03-1550 (enclose an extra copy of this form).

The COMMISSIONER OF PATENTS AND TRADEMARKS is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above.

(Authorized Signature)

(Date) 07/30/02

NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending on the needs of the individual case. Any comments on the amount of time required to complete this form should be sent to the Chief Information Officer, United States Patent and Trademark Office, Washington, D.C. 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND FEES AND THIS FORM TO: Box Issue Fee, Assistant Commissioner for Patents, Washington, D.C. 20231

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02 FC:361

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9.00 DP

TRANSMIT THIS FORM WITH FEE(S)



09/550476  
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CHERNOFF, VILHAUER, MCCLUNG & STENZEL, LLP

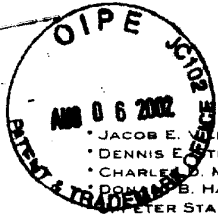
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TELEPHONE: (503) 227-5631  
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\*TIM A. LONG  
KURT ROHLFS  
\*BRENNNA K. LEGAARD

\*REGISTERED PATENT ATTORNEY

DAVID S. FINE  
SENIOR LAW CLERK



\*JACOB E. VILHAUER, JR.  
\*DENNIS E. STENZEL  
\*CHARLES D. MCCLUNG  
\*DOUGLAS B. HASLETT  
\*PETER STAPLES  
\*WILLIAM O. GENY  
\*NANCY J. MORIARTY  
\*JULIANNE R. DAVIS  
\*KEVIN L. RUSSELL

DANIEL P. CHERNOFF  
(1935-1995)

July 30, 2002

Our File: 7116.004

Box ISSUE FEE  
Commissioner for Patents  
Washington, D.C. 20231

Re: United States Patent Application Serial No. 09/550,476  
For: SYSTEM FOR PROVIDING TRAFFIC INFORMATION  
Filed: April 14, 2000

Dear Sir:

Enclosed are the following documents regarding the above-referenced patent application:

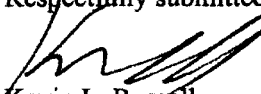
1. Transmittal letter;
2. 2002 Fee Transmittal Form in duplicate;
3. Form PTOL-85B, in duplicate with a certificate of mailing;
4. Check in the amount of \$649 for payment of the Issue Fee (\$640), and three advance copies of the patent (\$9); and
5. Acknowledgment postcard.

Additionally, on this date, we are submitting a Petition to Revive and corrected formal drawings to comply with the Notice of Draftsperson's Patent Drawing Review with copies only enclosed herewith

The Commissioner is hereby authorized to charge payment of any additional fees or credit any overpayment to Deposit Account No. 03-1550. Duplicate copies of Fee Transmittal 2002 are enclosed.

Please address all notices regarding the payment of maintenance fees on the above-identified patent to Chernoff, Vilhauer, McClung & Stenzel, LLP at the then current address for payor number 000152.

Respectfully submitted,

  
Kevin L. Russell  
Reg. No. 38,292  
Attorney for Applicant

KLR:djs  
Enclosures

A000247



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231  
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/550,476	04/14/2000	Bruce W. DeKock	BWD-7118.004	8794

7590 07/01/2002  
Bruce W DeKock  
1600 ODS Tower  
801 S W Second Avenue  
Portland, OR 97204

EXAMINER

MARC COLEMAN, MARTHE Y

ART UNIT PAPER NUMBER

3661

PT 11

DATE MAILED: 07/01/2002

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



**UNITED STATES DEPARTMENT OF COMMERCE**  
**Patent and Trademark Office**  
 Address: COMMISSIONER OF PATENTS AND TRADEMARKS  
 Washington, D.C. 20231

APPLICATION NUMBER	FILING DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NO.
09/550, 476			

EXAMINER
----------

ART UNIT	PAPER NUMBER
----------	--------------

P 11

DATE MAILED:

**NOTICE OF ABANDONMENT**

This application is abandoned in view of:

- Applicant's failure to timely file a proper response to the Office letter mailed on \_\_\_\_\_
    - A response (with a Certificate of Mailing or Transmission of \_\_\_\_\_) was received on \_\_\_\_\_, which is after the expiration of the period for response (including a total extension of time of \_\_\_\_\_ month(s)) which expired on \_\_\_\_\_.
    - A proposed response was received on \_\_\_\_\_, but it does not constitute a proper response to the final rejection.

(A proper response to a final rejection consists only of: a timely filed amendment which places the application in condition for allowance; a Notice of Appeal; or the filing of a continuing application under 37 CFR 1.62 (FWC).

  - No response has been received.
- Applicant's failure to timely pay the required issue fee within the statutory period of three months from the mailing date of the Notice of Allowance.
    - The issue fee (with a Certificate of Mailing or Transmission of \_\_\_\_\_) was received on \_\_\_\_\_.
    - The submitted issue fee of \$ \_\_\_\_\_ is insufficient. The issue fee required by 37 CFR 1.18 is \$ \_\_\_\_\_.
    - The issue fee has not been received.
  - Applicant's failure to timely file new formal drawings as required in the Notice of Allowability.
    - Proposed new formal drawings (with a Certificate of Mailing or Transmission of \_\_\_\_\_) were received on \_\_\_\_\_.
    - The proposed new formal drawings filed \_\_\_\_\_ are not acceptable.
    - No proposed new formal drawings have been received.
  - The express abandonment under 37 CFR 1.62(g) in favor of the FWC application filed on \_\_\_\_\_.
  - The letter of express abandonment which is signed by the attorney or agent of record, the assignee of the entire interest, or all of the applicants.
  - The letter of express abandonment which is signed by an attorney or agent (acting in a representative capacity under 37 CFR 1.34(a) upon the filing of a continuing application.
  - The decision by the Board of Patent Appeals and Interferences rendered on \_\_\_\_\_ and because the period for seeking court review of the decision has expired and there are no allowed claims.
  - The reason(s) below:

ABANDONMENT  
 CONTACT PERSON IS:  
 TOM HAWKINS  
 305-8380

COPY OF ~~ERS~~  
ORIGINAL ~~FILED~~

LAW OFFICES

CHERNOFF, VILHAUER, MCCLUNG & STENZEL, LLP

\* JACOB E. VILHAUER, JR.  
\* DENNIS E. STENZEL  
\* CHARLES D. MCCLUNG  
\* DONALD B. HASLETT  
\* J. PETER STAPLES  
\* WILLIAM O. GENY  
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DANIEL P. CHERNOFF  
(1935-1995)

#12 \$DAC  
\* TIM A. LONG  
\* KURT ROHLFS  
\* BRENNAN K. LEGAARD  
\* REGISTERED PATENT ATTORNEY  
DAVID S. FINE  
SENIOR LAW CLERK

July 30, 2002

Our File 7116.004

Box DAC  
Attention: Office of Petitions  
Commissioner for Patents  
Washington, D.C. 20231

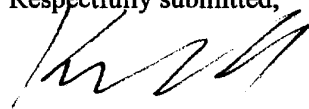
Re: United States Patent Application Serial No. 09/550,476  
For: SYSTEM FOR PROVIDING TRAFFIC INFORMATION  
Filed: April 14, 2000

Dear Sir:

Enclosed for filing is a Petition for Revival of an Application for Patent Abandoned Unintentionally under 37 U.S.C. 1.137 (b). Additionally, we enclose copies of the Issue Fee Due Notice and fourteen sheets of the new formal drawings both dated July 30, 2002, and which have been filed with the appropriate authority. Also enclosed is our check payable to the Commissioner for Patents for the Petition to Revive in the current amount of \$640 for a small entity and an acknowledgment postcard.

Please charge Deposit Account No. 03-1550 for any additional fees which may be required or credit any over payments to that account. A duplicate copy of this transmittal letter is enclosed.

Respectfully submitted,

  
Kevin L. Russell

KLR:djs  
Enclosures

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PART B - FEE(S) TRANSMITTAL

Complete and mail this form, together with applicable fee(s), to:

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Assistant Commissioner for Patents  
Washington, D.C. 20231

MAILING INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 4 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: Legibly mark-up with any corrections or use Block 1)

7590 02/20/2002  
Bruce W DeKock  
1600 ODS Tower  
801 S W Second Avenue  
Portland, OR 97204



Note: The certificate of mailing below 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.

Certificate of Mailing

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 Box Issue Fee address above on the date indicated below.

Kevin L. Russell (Depositor's name)  
*[Signature]* (Signature)  
July 30, 2002 (Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/550,476	04/14/2000	Bruce W. DeKock	BWD-7118.004	8794

TITLE OF INVENTION: SYSTEM FOR PROVIDING TRAFFIC INFORMATION

TOTAL CLAIMS	APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
34	nonprovisional	YES	\$640	\$0	\$640	05/20/2002

EXAMINER	ART UNIT	CLASS-SUBCLASS
MARC COLEMAN, MARTHE Y	3661	701-117000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.563). Use of PTO form(s) and Customer Number are recommended, but not required.

- Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.
- "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47) attached.

2. For printing on the patent front page, list (1) the names of up to 3 registered patent attorneys or agents OR, alternatively, (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.

Chernoff Vilhauer McClung & Stenzel, LLP  
2 \_\_\_\_\_  
3 \_\_\_\_\_

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. Inclusion of assignee data is only appropriate when an assignment has been previously submitted to the USPTO or is being submitted under separate cover. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

Bruce DeKock

Bend, Oregon

Please check the appropriate assignee category or categories (will not be printed on the patent)  individual  corporation or other private group entity  government

4a. The following fee(s) are enclosed:

- Issue Fee
- Publication Fee
- Advance Order - # of Copies \_\_\_\_\_

4b. Payment of Fee(s):

- A check in the amount of the fee(s) is enclosed.
- Payment by credit card. Form PTO-2038 is attached.
- The Commissioner is hereby authorized by charge the required fee(s), or credit any overpayment, to Deposit Account Number 03-1550 (enclose an extra copy of this form).

The COMMISSIONER OF PATENTS AND TRADEMARKS is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above.

(Authorized Signature) *[Signature]* (Date) 07/30/02

NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending on the needs of the individual case. Any comments on the amount of time required to complete this form should be sent to the Chief Information Officer, United States Patent and Trademark Office, Washington, D.C. 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND FEES AND THIS FORM TO: Box Issue Fee, Assistant Commissioner for Patents, Washington, D.C. 20231

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ATTORNEY DOCKET NO. 7116.004

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



**PATENT EXAMINING OPERATIONS**

**PATENT APPLICATION**

Applicant: **Durock, et al.** Group Art Unit: 3661  
 Serial No.: 09/550,476 Examiner: Coleman  
 Filed: April 14, 2000  
 Title: SYSTEM FOR PROVIDING TRAFFIC INFORMATION

**LETTER TO THE OFFICIAL DRAFTSMAN**

1600 ODS Tower  
601 S W Second Avenue  
Portland, Oregon 97204

July 30, 2002

Official Draftsman  
Commissioner for Patents  
Washington, D.C. 20231

Dear Sir:

Enclosed are FOURTEEN (14) sheets of formal drawings to replace the original drawings filed with above identified patent application. We have received the Notice of Draftsperson's Review requesting changes.

Please charge any fees due to Deposit Account 03-1550.

Respectfully submitted,

Kevin L. Russell  
Attorney for Applicant  
Tel: (503) 227-5631

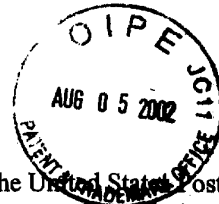
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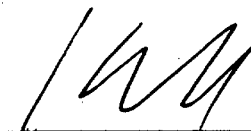
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CERTIFICATE OF MAILING



I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Letter to the Official Draftsman, Commissioner for Patents, Washington, D.C. 20231.

Dated: July 30, 2002

  
\_\_\_\_\_  
Kevin L. Russell

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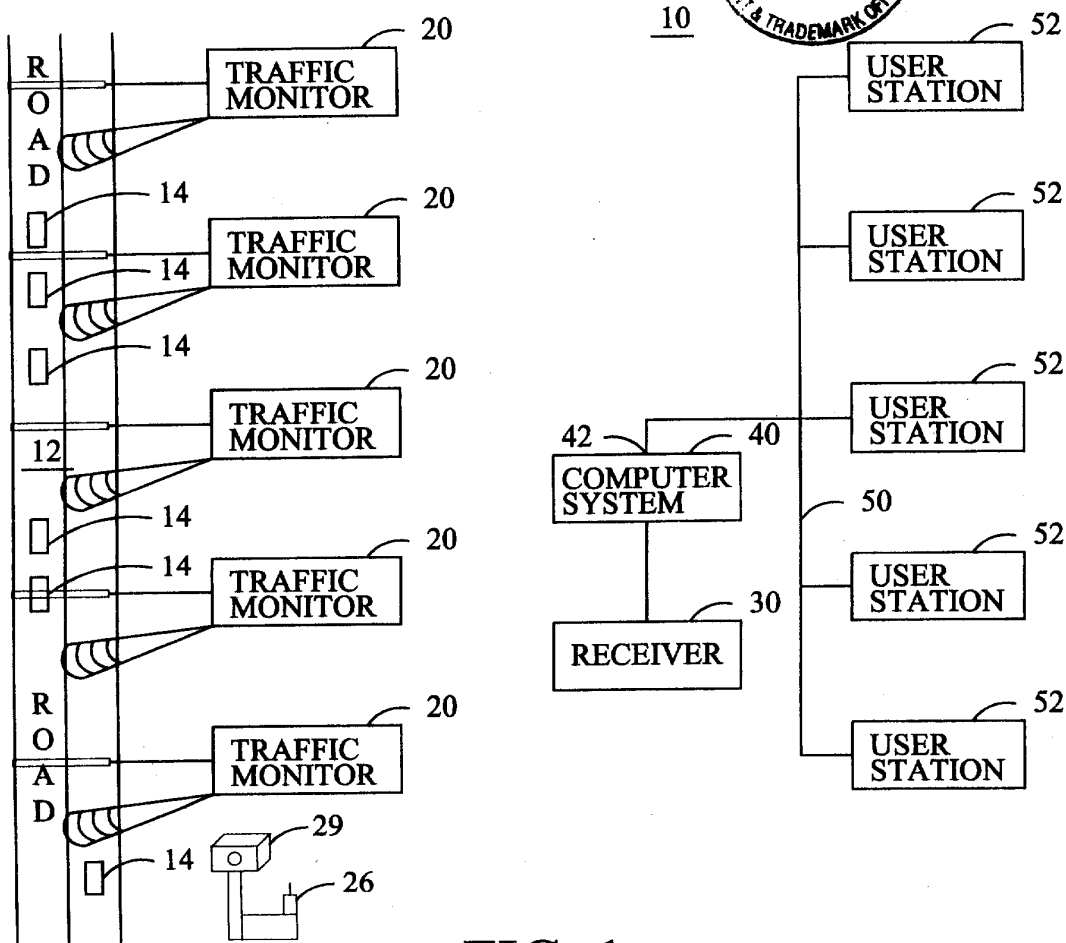


FIG. 1

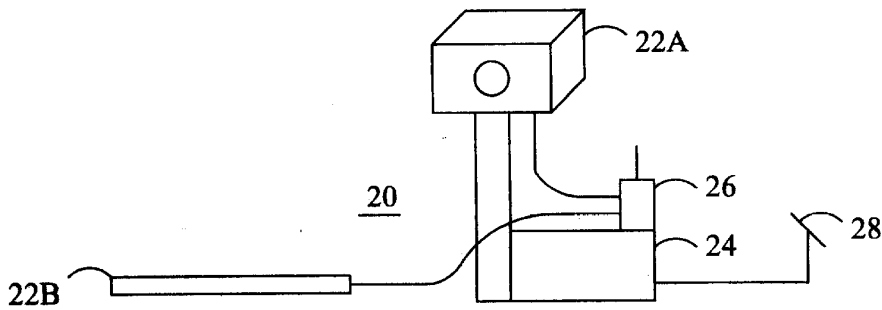


FIG. 2



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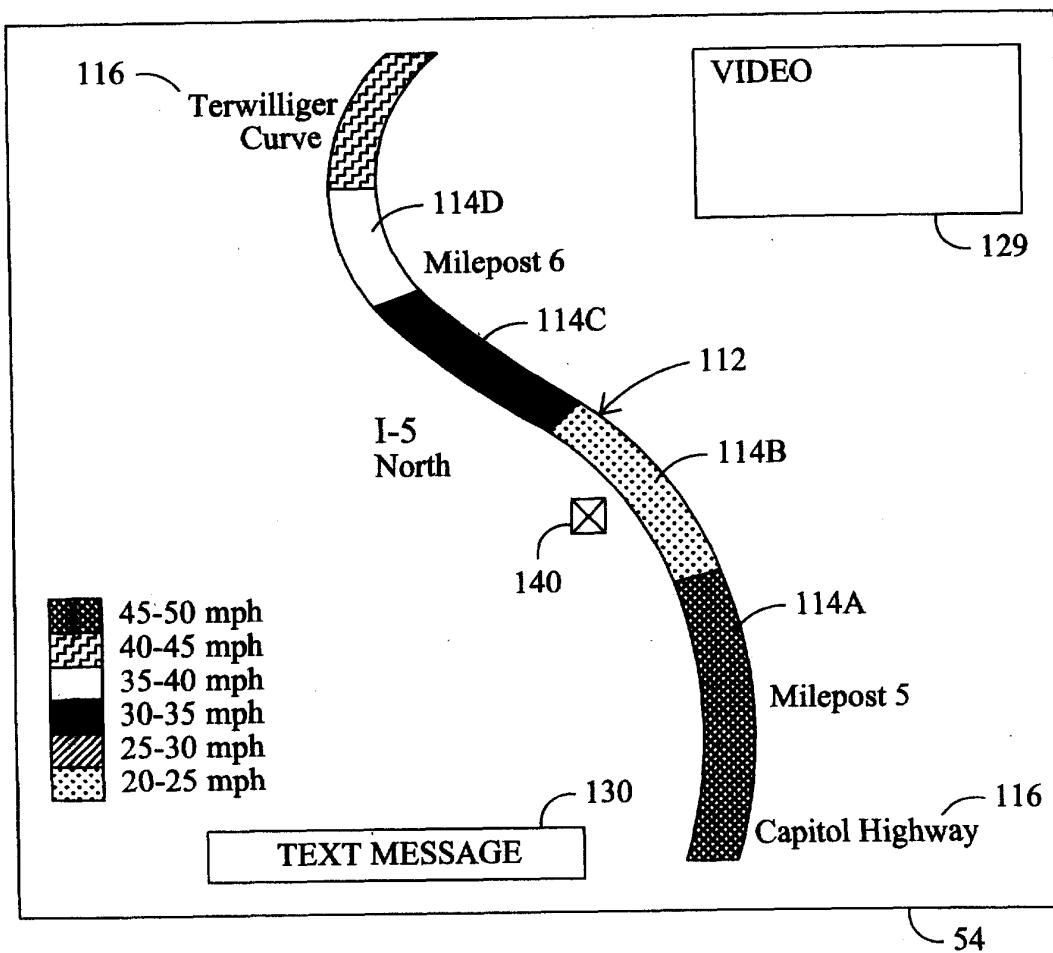


FIG. 3

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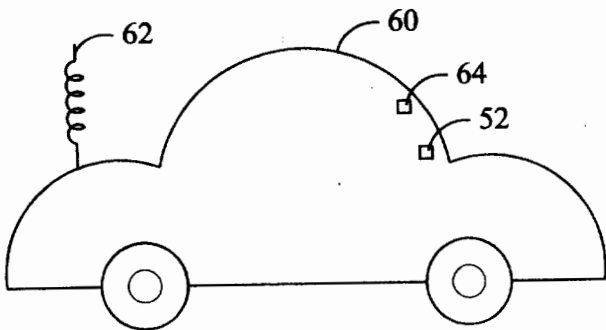
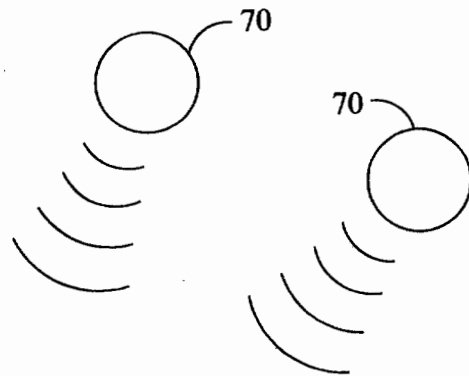


FIG. 4

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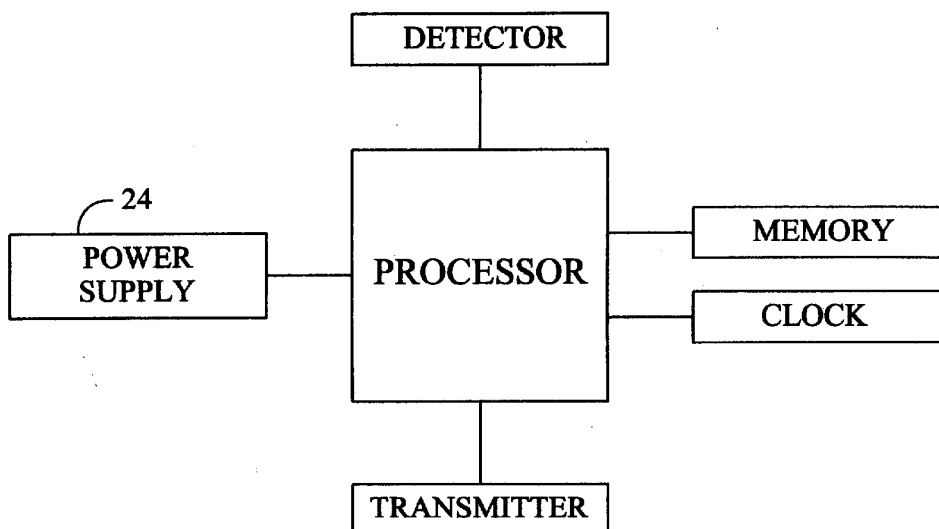


FIG. 5

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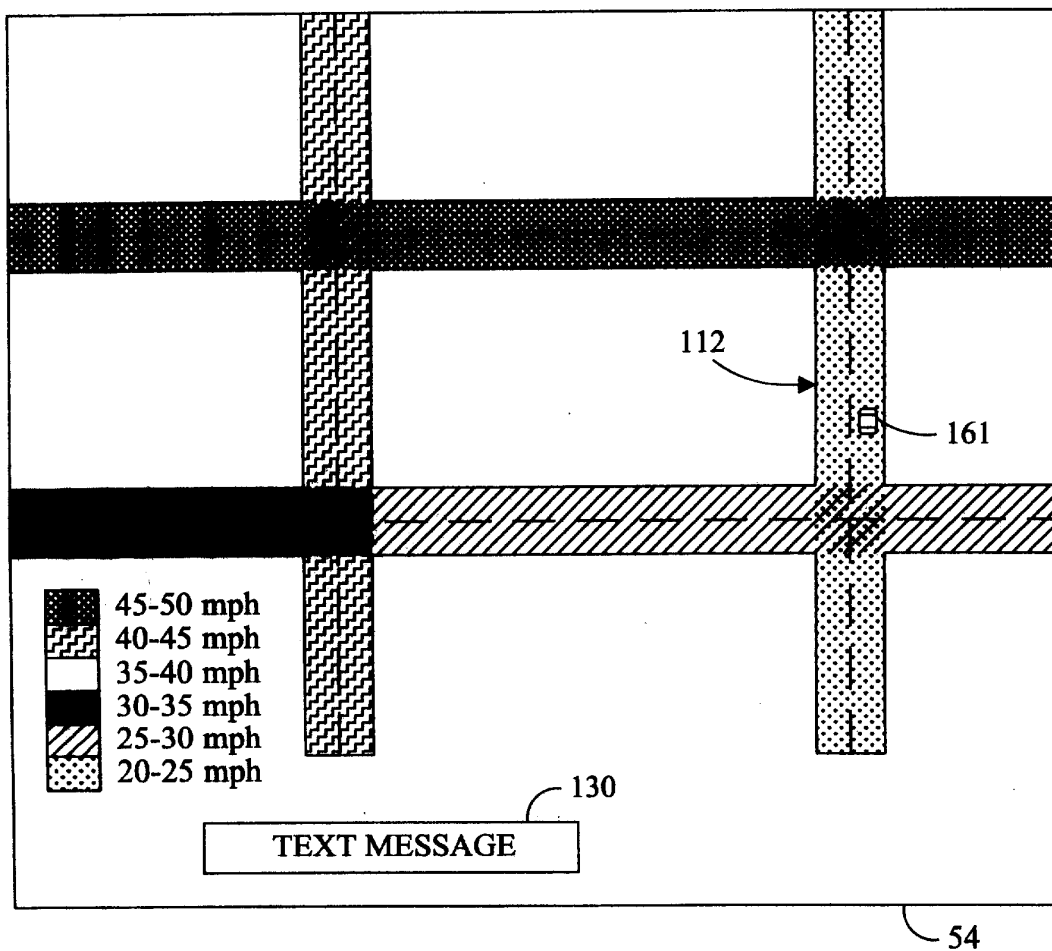


FIG. 6

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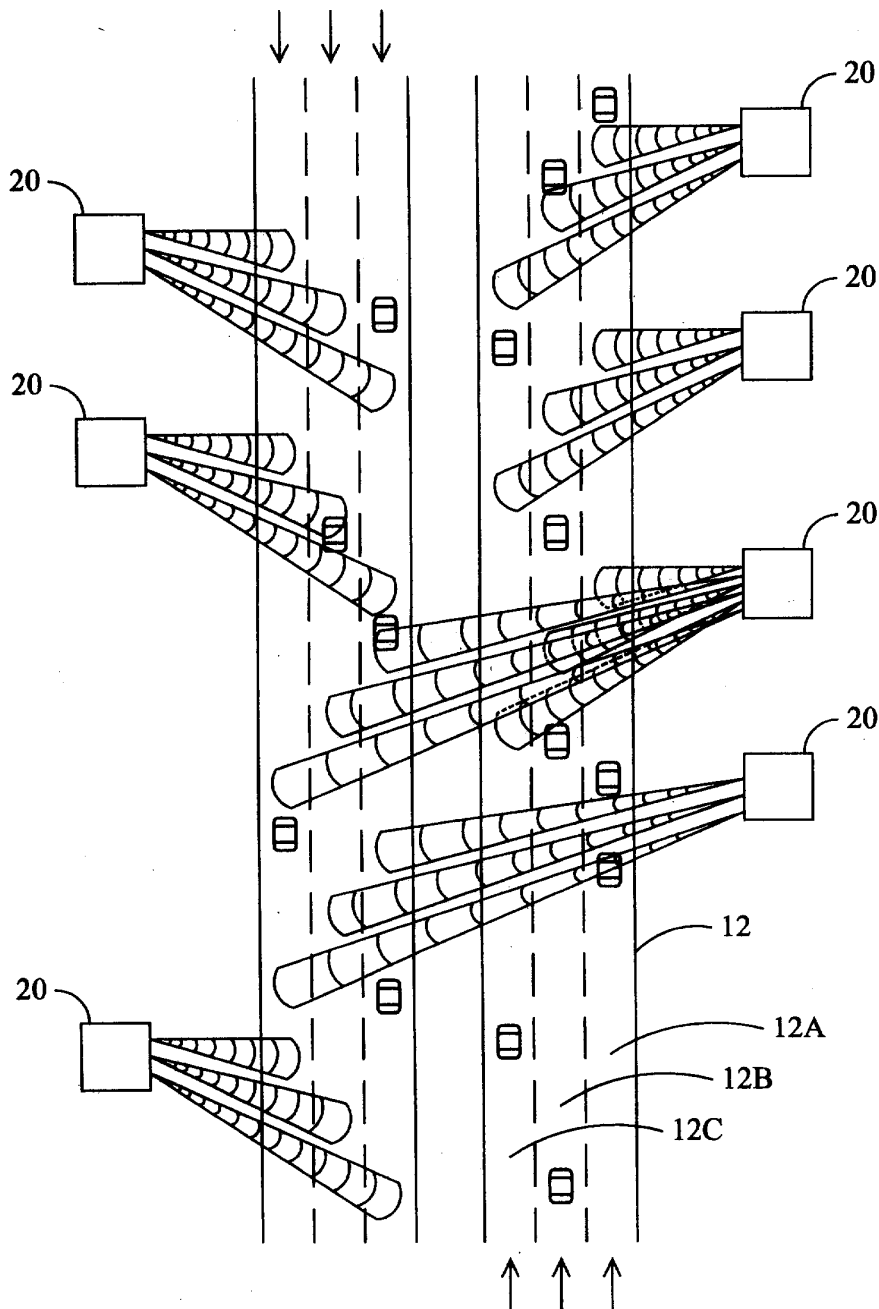


FIG. 7

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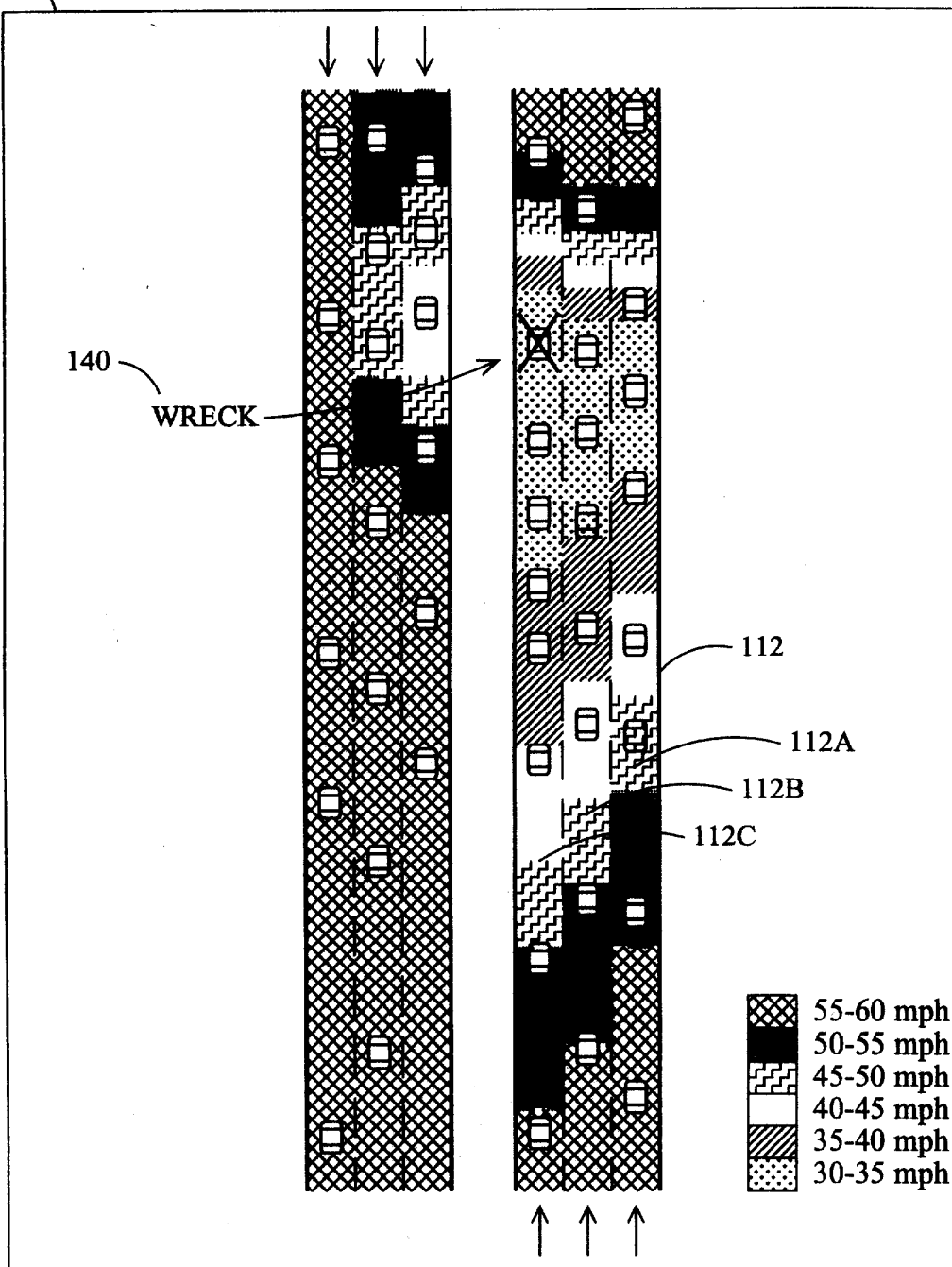


FIG. 8

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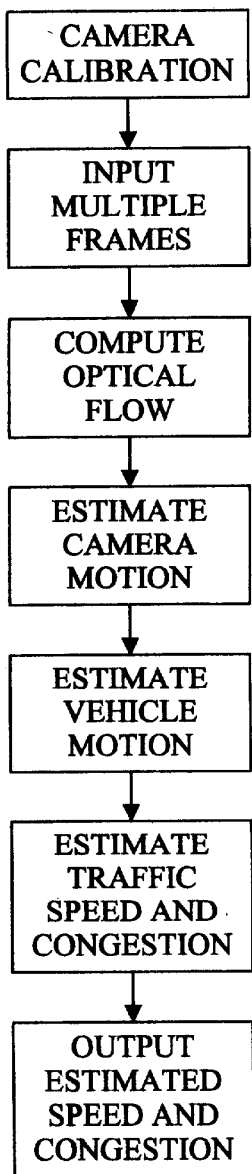


FIG. 9

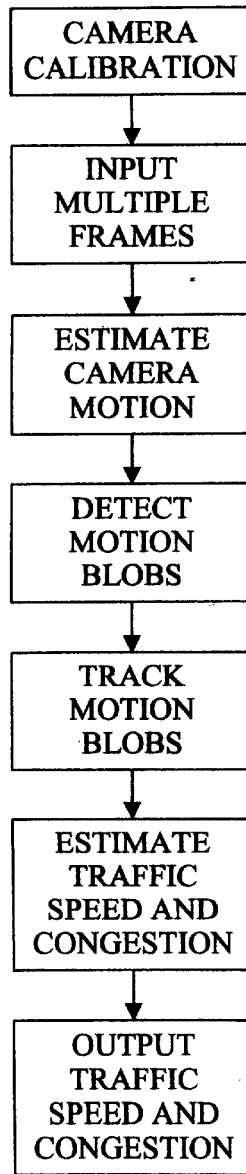


FIG. 10

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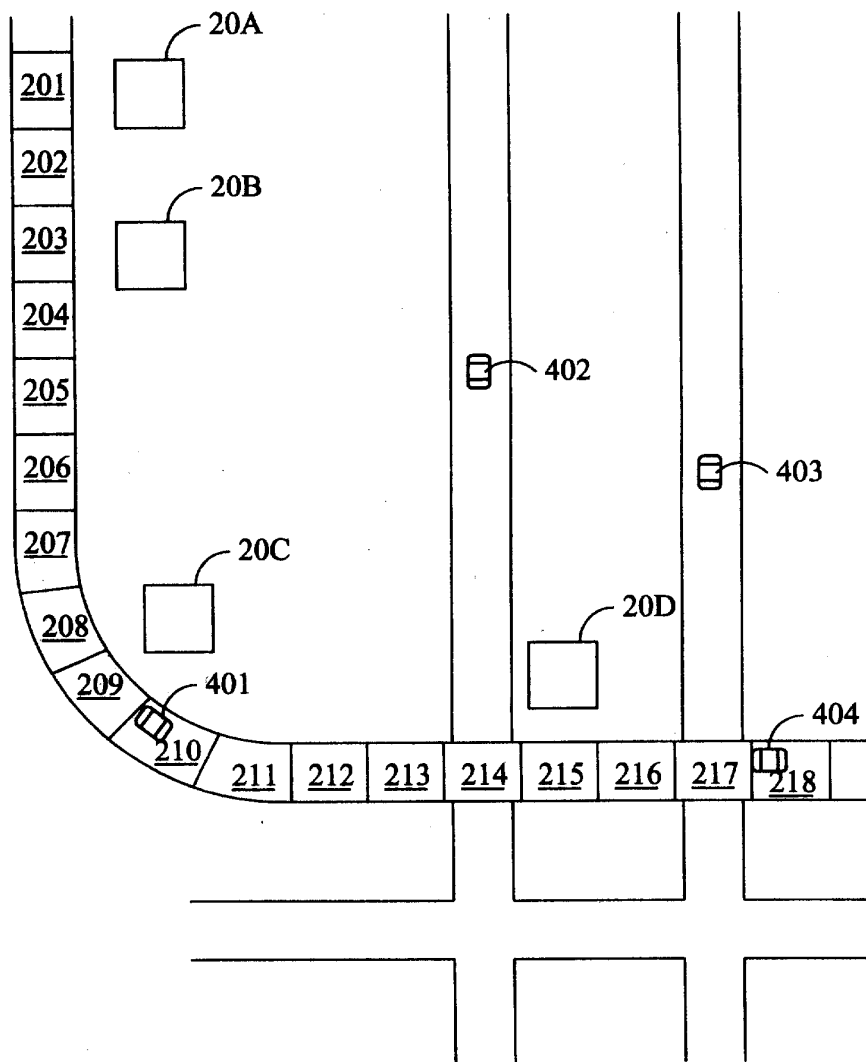


FIG. 11



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202	⋮	LOCAL	27°	20 MPH
203		BYPASS	EAST	STOPPED
204		RESIDENTIAL	NW	⋮
205		⋮	⋮	
206				
207				
⋮				

FIG. 12

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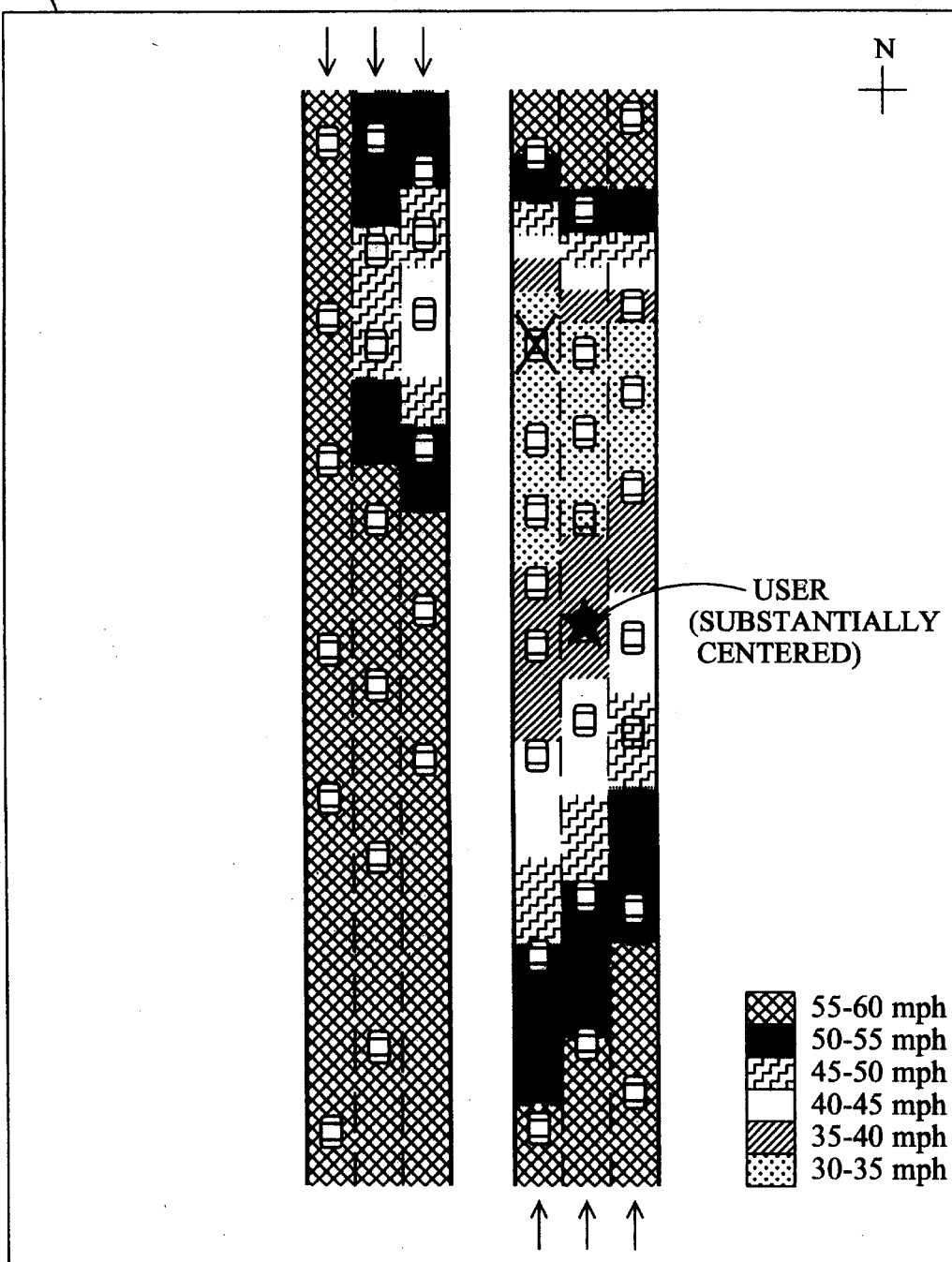


FIG. 13

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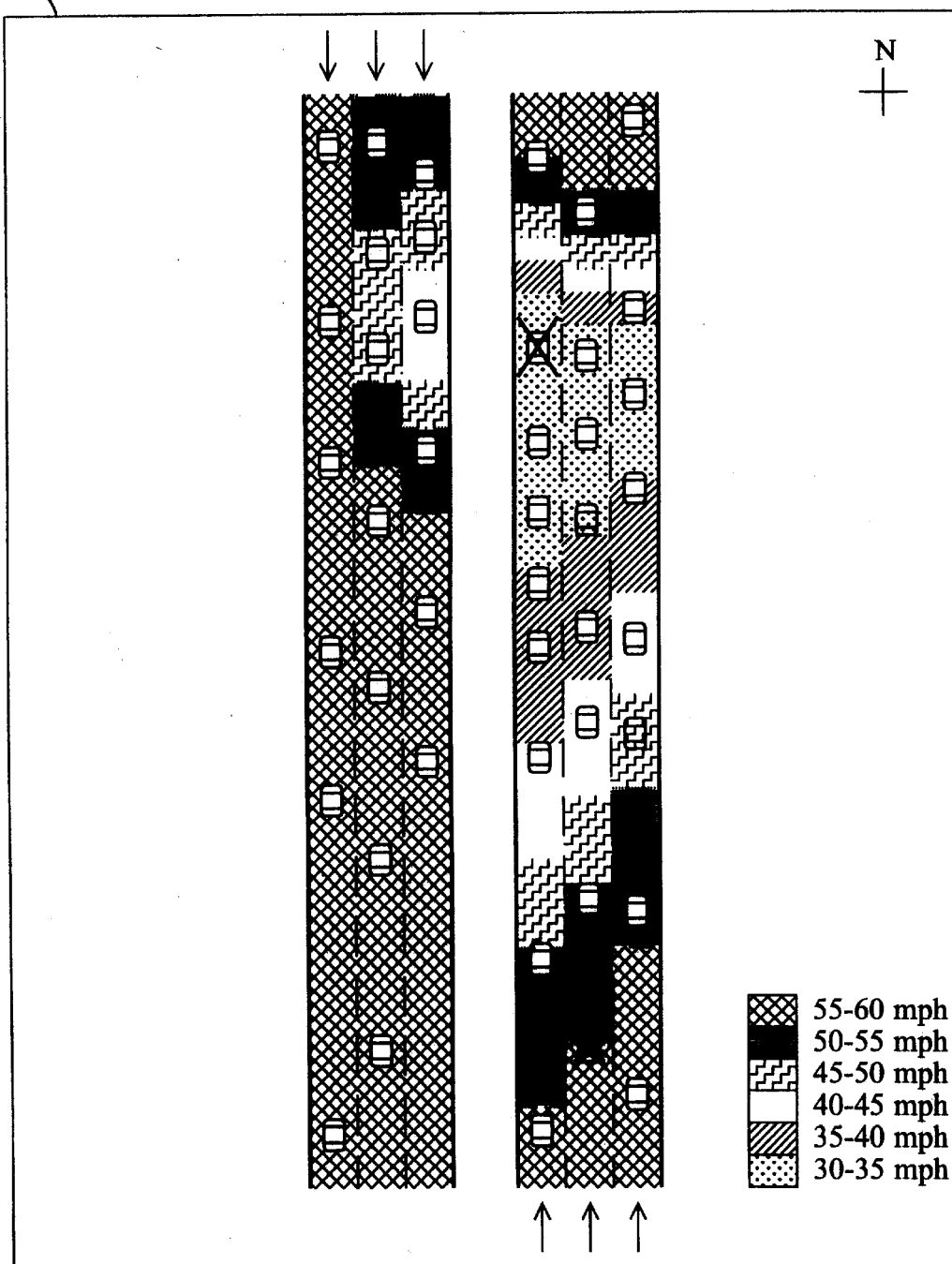


FIG. 14

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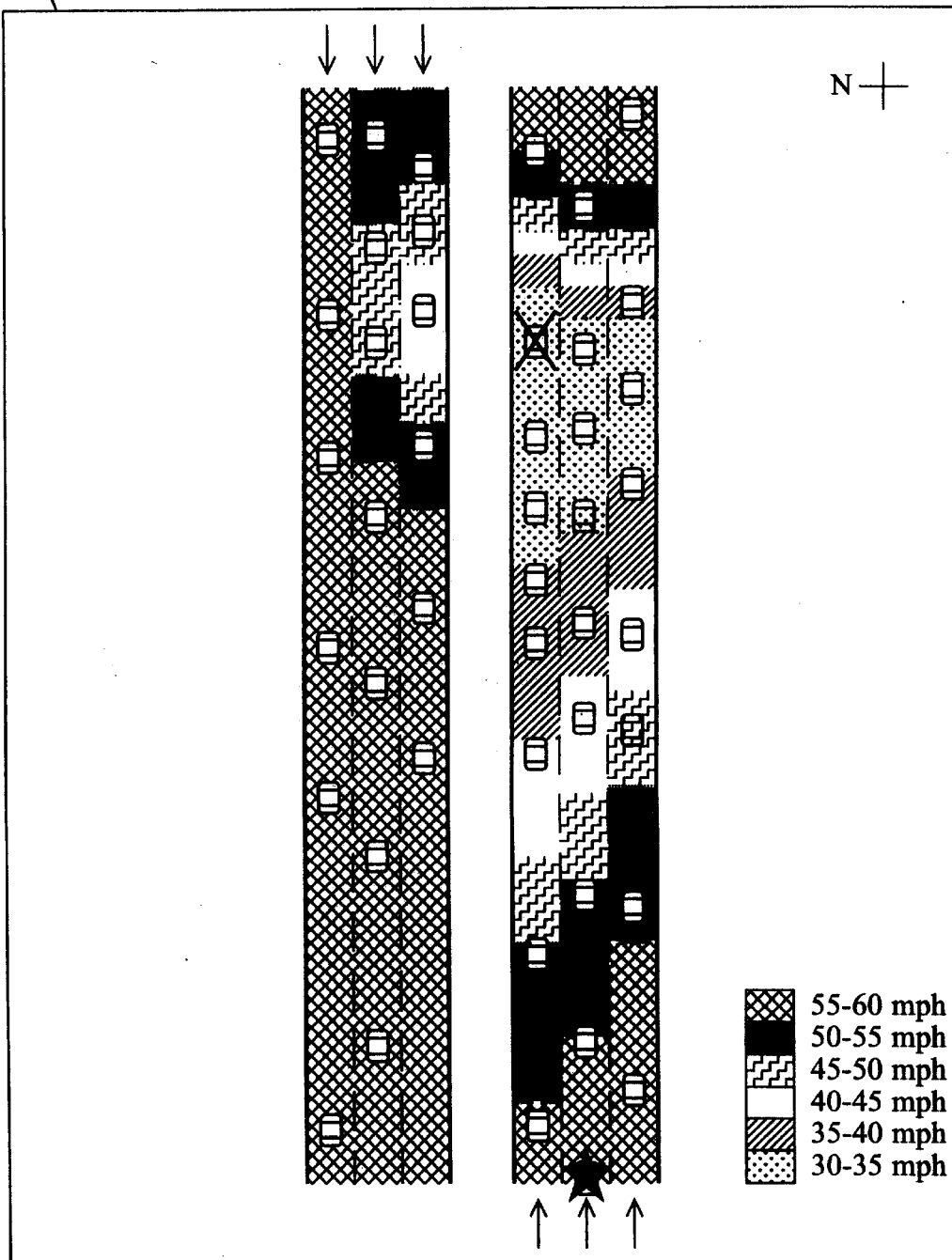


FIG. 15

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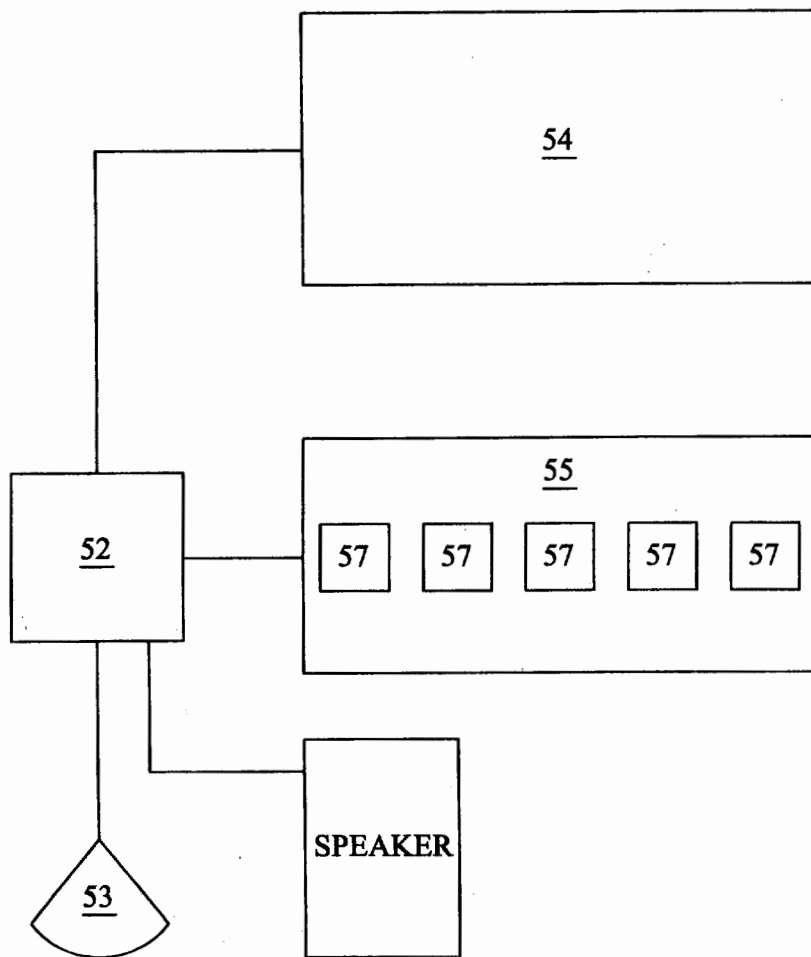


FIG. 16



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Bruce W. DeKock  
1600 ODS Tower  
601 S W Second Avenue  
Portland, OR 97204

In re Application of  
DeKock, et al.  
Application No. 09/550,476  
Filed: April 14, 2000  
Attorney Docket No.: BWD-7118.004  
For: SYSTEM FOR PROVIDING TRAFFIC  
INFORMATION

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: ON PETITION  
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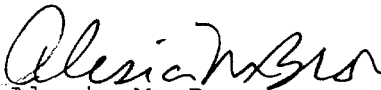
This is a decision on the petition under 37 CFR 1.137(b), filed August 5, 2002, to revive the above-identified application.

The petition is **GRANTED**.

The application became abandoned May 21, 2002. The application was abandoned for failure to timely submit the issue fee, as required by the Notice of Allowance and Issue Fee Due, and for failure to timely submit new formal drawings, as required by the Notice of Allowability. The Notices were mailed February 20, 2002 and set a three (3) month statutory period of time for reply. Notice of Abandonment was mailed July 1, 2002.

This application will be forwarded to the Publications Division for processing into a patent.

Telephone inquiries concerning this matter may be directed to the undersigned at (703) 305-0310.

  
Alesia M. Brown  
Petitions Attorney  
Office of Petitions  
Office of the Deputy Commissioner  
for Patent Examination Policy

Paper # 14 and # 16 are the same  
in this File History.

Please pardon any inconvenience.