I hereby claim the benefit under Title 35, United States Code, \$120, of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, \$112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, \$1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

(Application Ser. No.)

(Filing Date)
(patented, pending, abandoned)

(Application Ser. No.)

(Filing Date)
(Status)
(patented, pending, abandoned)

I hereby appoint Jacob E. Vilhauer, Jr., Reg. No. 24,885, Charles D. McClung, Reg. No. 26,568, Dennis E. Stenzel, Reg. No. 28,763, Donald B. Haslett, Reg. No. 28,855, William O. Geny, Reg. No. 27,444, J. Peter Staples, Reg. No. 30,690, Nancy J. Moriarty, Reg. No. 40,733, Kevin L. Russell, Reg. No. 38,292, Bruce W. DeKock, Reg. No. 40,585, and Timothy A. Long, Reg. No. 28,876, all of the firm of CHERNOFF, VILHAUER, McCLUNG & STENZEL, L.L.P., 1600 ODS Tower, 601 S.W. Second Avenue, Portland, Oregon 97204, telephone No. (503) 227-5631, my attorneys, jointly and individually, to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

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.

Dated:  $\frac{4/13/00}{\text{Full name of 2}^{\text{nd}} \text{ joint inventor}}$ Residence

Citizenship Post Office Address Bruce W. DeKock
Portland, Oregon
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8850 S.W. 71<sup>st</sup> Place
Portland, Oregon 97223

Portland, Oregon 97223

Kevin L. Russell Portland, Oregon U.S.A.

2910 SW Collins Court
Portland, Oregon 97219

Dated: 4-/2-00
Full name of 3<sup>rd</sup> j ht inventor
Residence
Citizenship
Post Office Address

Richard J. Dian
Camas, Washington
U.S.A. CHINA
2844 N.W. 44<sup>TH</sup> Ave.
Camas, Washington 98607



#### U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE FEE RECORD SHEET

02/20/2003 WABRHAM1 00000013 10367162

01 FC:2001 02 FC:2202

375.00 OP 162.00 OP

PTO-1556 (5/87)

#### PATENT APPLICATION FEE DETERMINATION RECORD

Application or Docket Number

	Effective January 1, 2003 KLR 7116 - 0006												
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		Application Number	10	/367,162	
NEW TRANSMITTAL		Filing Date	Fe	bruary 13, 2003	
FORM		First Named Invent r	Bri	uce W. DeKock MAN	
(to be used for all correspondence after filing)	initial	Group Art Unit	36	61	
. · · · · · · · · · · · · · · · · · · ·		Examiner Name	Ma	arc-Coleman, M.	
Total Number of Pages in this Submission	•	Attorney Docket Number	71	16.0006 <b>6</b> 0	
	ΕN	ICLOSURES (check all that app	ly)		
Fee transmittal Fee attached form		Assignment Papers (for an pplication)		☐ After Allowance Communicati to Group	
<ul><li>☑ Amendment</li><li>☐ After Final/ Response</li></ul>		Drawing(s)		Appeal Communication to Boat of Appeals and Interferences	
☐ Affidavits/Declaration(s)		Licensing Related Papers		Appeal Communication to Gro (Appeal Notice, Brief, Reply Brief)	
☐ Extension of Time Request		Petition Routing Slip (PTO/SB/ and Accompanying Petition	69)	Proprietary Information	
☐ Express Abandonment Request		Petition to Convert to a Provisi Application	onal	Status Letter	
☐ Information Disclosure Statement	1-	Power of Attorney, Revocation ange of Correspondence Addre		Additional Enclosures (identify below)	
Certified copy of Priority Documents	×	Terminal Disclaimer	Acknowledgment Postcard		
Response to Missing Parts/ Incomplete Application		Small Entity Statement			
Response to Missing Parts		Request for Refund			
Under 37 CFR 1.52 or 1.53	Ren	narks:			
SIGNA	TURE	OF APPLICANT, ATTORNEY	OR	AGENT	
Firm or Individual Name	Ke	evin L. Russell of Chernoff Vilhauer	McCl	lung & Stenzel, LLP	
Signature		This			
Date	Á	April 29, 2003			
		CERTIFICATE OF MAILING	-		
I hereby certify that, on the date shown be an envelope addressed to: Assistant Con with sufficient postage as to	nmissio first cla	oner for Patents, Washington, D.C.	ited w , 2023	vith the United States Postal Service in 31	



### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

#### PATENT APPLICATION EXAMINING OPERATIONS

Applicant:

Bruce W. DeKock

Group Art Unit:

Serial No:

10/367,162

Examiner:

RECEIVED

MAY 0 7 2003

GROUP 3600

Filed:

February 13, 2003

Title:

SYSTEM FOR PROVIDING TRAFFIC INFORMATION

#### **PRELIMINARY AMENDMENT**

Chernoff Vilhauer McClung & Stenzel, LLP 1600 ODS Tower 601 SW Second Avenue Portland, OR 97204-3157

April 29, 2003

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

Dear Sir:

Preliminary to examination, please amend the above-identified patent application

as follows:

#### Claims Amendment

#### In the Claims:

Please cancel claims 1-38, without prejudice. Please add the following new claims:

- 39. A system for providing traffic information to a plurality of mobile users connected to a network, comprising:
  - a plurality of mobile user stations, each mobile user station being
     associated with a display, and a communicating device to allow each of
     said mobile user stations to send and receive signals;
  - (b) a computer system interconnected with another communicating device and a network, said computer system being capable of sending and receiving signals to and from said mobile user stations;
  - (c) said computer system including a traffic information database, said traffic information database containing data representative of traffic at a plurality of locations;
  - (d) at least one of said mobile user stations providing a request to said computer system for traffic information together with a signal associated with a respective geographic location of said one of said mobile user stations, and in response thereto, said computer system updating said traffic information database based on said geographic location of said one of said mobile user stations and providing to said one of said mobile user stations information representative of selected portions of said traffic

- information database based on said respective geographic location of said one of said mobile user stations; and
- (e) said one of said mobile user stations displaying graphically on said display information representative of selected portions of said traffic information database.
- 40. The system of claim 39 wherein said computer system updates said traffic information database based on data derived from a plurality of traffic monitors.
- 41. The system of claim 40 wherein said computer system compares data from said mobile user stations with said data derived from said traffic monitors before updating said traffic information database.
- 42. The system of claim 39 wherein said at least one of said mobile user stations is a cellular phone.
- 43. The system of claim 39 wherein said mobile user station further comprises a memory capable of storing a map database.
- 44. The system of claim 43 wherein said mobile user station displays a selected portion of said map database.

- 45. The system of claim 39 wherein each said mobile user station provides longitude and latitude information to said computer system.
- 46. The system of claim 39 wherein said location of said one of said mobile user stations is displayed graphically.
- 47. The system of claim 39 wherein said computer system screens data provided by said mobile user stations to determine whether said data corresponds to actual traffic conditions.
- 48. The system of claim 39 wherein said computer system further comprises a map database, and said computer system compares said signal associated with said respective geographic location of said one of said mobile user stations with said map database before updating said traffic information database.
- 49. A system for providing traffic information to a plurality of mobile users connected to a network, comprising:
  - a plurality of mobile user stations, each mobile user station being
     associated with a display, and a communicating device to allow each of
     said mobile user stations to send and receive signals;
  - (b) a computer system interconnected with another communicating device and a network, said computer system being capable of sending and receiving signals to and from said mobile user stations;

- (c) said computer system including a map database and a traffic information database, said traffic information database containing data representative of traffic at a plurality of locations;
- (d) at least one of said mobile user stations providing a signal associated with a respective geographic location of said one of said mobile user stations, and in response thereto, said computer system updating said traffic information database based on said geographic location of said one of said mobile user stations; and
- (e) said computer system comparing said signal associated with said respective geographic location of said one of said mobile user stations with said map database before updating said traffic information database.
- 50. The system of claim 49 wherein said at least one of said mobile user stations is a cellular phone.
- 51. The system of claim 49 wherein said computer system provides to said one of said mobile user stations information representative of selected portions of said traffic information database based on said respective geographic location of said one of said mobile user stations.
- 52. The system of claim 49 wherein said mobile user station comprises a display, and said one of said mobile user stations displays graphically on said display information

representative of selected portions of said traffic information database.

- 53. The system of claim 49 wherein said computer system updates said traffic information database based on data derived from a plurality of traffic monitors.
- 54. The system of claim 49 wherein said mobile user station further comprises a memory capable of storing a map database.
- 55. The system of claim 54 wherein said mobile user station displays a selected portion of said map database and a selected portion of said traffic information database.
- 56. The system of claim 49 wherein each said mobile user station provides longitude and latitude information to said computer system.
- 57. The system of claim 49 wherein said location of said one of said mobile user stations is displayed graphically.
- 58. The system of claim 49 wherein said computer system screens data provided by said mobile user stations to determine whether said data corresponds to actual traffic conditions.

#### **REMARKS**

Prior to examination, please consider the new claims.

Respectfully submitted,

Kevin L. Russell Reg. No. 38,292

Attorneys for Applicant Telephone: (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 postage prepaid in an envelope addressed to: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on April 29, 2003.

Dated: April 29, 2003

Kevin L. Russell



#### United States Patent and Trademark Office

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address; COMMISSIONER OF PATENTS AND TRADEMARKS PO. Box 1450 Alexandria, Virginia 22313-1450 www.ususlo.exy.

APPLICATION NUMBER FILING/RECEIPT DATE FIRST NAMED APPLICANT ATTORNEY DOCKET NUMBER 10/367,162 02/13/2003 Bruce W. DeKock KLR 7116.0006

00152 CHERNOFF, VILHAUER, MCCLUNG & STENZEL 1600 ODS TOWER 601 SW SECOND AVENUE

PORTLAND, OR 97204-3157

**CONFIRMATION NO. 3015** 

FORMALITIES LETTER

\*OC000000010025734\*

Date Mailed: 05/13/2003

#### NOTICE TO FILE CORRECTED APPLICATION PAPERS

#### Filing Date Granted

An application number and filing date have been accorded to this application. The application is informal since it does not comply with the regulations for the reason(s) indicated below. Applicant is given TWO MONTHS from the date of this Notice within which to correct the informalities indicated below. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

The required item(s) identified below must be timely submitted to avoid abandonment:

 Replacement claim(s) commencing on a separate sheet in compliance with 37 CFR 1.75(h) and 1.121 is required.

A copy of this notice MUST be returned with the reply.

S·B

Customer Service Center Initial Patent Examination Division (703) 308-1202

PART 3 - OFFICE COPY

					Form PTO/SB/21 (6-98) (Modifie
			Application Number	10/	/367,162
TRANSMITTAL			Filing Date	Fel	bruary 13, 2003
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Total Number of Submission	of Pages in this		Attorney Docket Number	KLI	R:7116.0006
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	se to Missing Parts 7 CFR 1.52 or 1.53	fees dup	, or credit any over payment, licate copy of this transmittal	to de	n is enclosed for use, if required,
	SIGNAT	<u> </u>	eposit account 03-1550 as sta OF APPLICANT, ATTORNEY,		
Firm or Individual Name	Kevin L. Russell, E	sq. McC venue	lung & Stenzel, LLP		RECEIV
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# IN THE UNITED STATES PATENT AND TRADEMARK OFFICE PATENT APPLICATION EXAMINING OPERATIONS

Applicant : Bruce W. DeKock, et. al. Group Art Unit: 3661

Serial No.: 10/367,162 Examiner :

Filed : February 13, 2003

Title : SYSTEM FOR PROVIDING TRAFFIC INFORMATION

INFORMATION DISCLOSURE STATEMENT IN ACCORDANCE WITH 37 CFR §1.98

1600 ODS Tower 601 S.W. Second Avenue Portland, Oregon 97204-3157 May 16, 2003

Mail Stop DD Commissioner for Patents P.O. Box 1450 Alexandria, VA. 22313-1450 RECEIVED MAY 2 2 2003 GROUP 3600

Dear Sir:

Applicants submit herewith one (1) sheet of Form PTO-1449 (Modified) listing the patents and publications of which they are aware and which they desire to have considered by the Patent Office in accordance with 37 CFR §1.97. In accordance with 37 CFR §1.97(b)(3), this Information Disclosure Statement is

being submitted before the mailing date of the first Office Action on the merits of the above-identified application.

In accordance with 37 CFR §1.97(h), the filing of this Information Disclosure Statement will not be regarded as an admission that any patent or publication or combination of patents referred to herein is, or is considered to be, material to patentability under 37 CFR §1.56(b) unless specifically designated as such.

A list of the patents and publications enclosed herewith is set forth on the attached Form PTO-1449 (Modified).

The person making this statement is the attorney who signs below on the basis of the information supplied by the inventor and the information in his file.

Respectfully submitted,

Kevin L. Russell

Attorney 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: Mail Stop DD, Commissioner for Patents, P. O. Box 1450, Alexandria, VA. 22313-1450 on May 2003.

Dated:

Kevin L. Russell

Q:\Bonnie Dillon\KLR\DeKOCK\IDS for 7116.0006.wpd

FORM PTO-1449 (Modified)	ATTY. DOCKET NO. KLR:7116.0006	SERIAL NO. 10/367,162
APPLICANT'S INFORMATION DISCLOSURE STATEMENT  LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE MAY 2 0 2003	APPLICANT DeKock, et. al.	
(Use several sheets if necessary)	FILING DATE February 13, 2003	GROUP 3661

REFERENCE DESIGNATION
U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
·	AΛ	5,402,117	Mar. 28, 1995	Zijderhand			
	AB	5,539,645	July 23, 1996	Mandhyan, et. al.		·	
	AC	5,594,432	Jan. 14, 1997	Oliva, et. al.			
	AD	5,673,039	Sept. 30, 1997	Pietzsch, et. al.			
	AE	5,774,827	June 30, 1998	Smith, Jr., et. al.			
	AF .	5,812,069	Sept. 22, 1998	Albrecht, et. al.	,		
	AG	5,845,227	Dec. 1, 1998	Peterson			
	АН	5,889,477	Mar. 30, 1999	Fastenrath			
	Al	5,926,113	July 20, 1999	Jones, et. al.			
	AJ	5,959,577	Sept. 28, 1999	Fan, et. al.			
	ÀK	5,982,298	Nov. 9, 1999	Lappenbusch, et. al.			
	AL	5,987,374	Nov. 16, 1999	Akutsu, et. al.		CEN	FD
_	AM	5,987,377	Nov. 16, 1999	Westerlage, et. al.	R	FUELV	
	AN	6,107,940	Aug. 22, 2000	Grimm		MAY 2 2 2	D03
	AO	6,150,961	Nov. 21, 2000	Alewine, et. al.		OUB	3600
	AP	6,151,550	Nov. 21, 2000	Nakatani	G	MAY 2 2 2 ROUP	
	AQ	US 6,466,862, B1	Oct. 15, 2002	DeKock, et. al.			

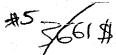
# FOREIGN PATENTS DOCUMENT NUMBER DATE COUNTRY CLASS SUBCLASS YES NO

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

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				is in conformance with MPEP 609; Draw line through citation if not in
conformance a	nd not	considere	ed. Include copy of this form with ne	kt communication to applicant.

Information Disclosure Statement -- PTO-1449 (Modified)

PE JC1, 15



Fee attached form	?						
FORM (to be used for all correspondence after initial filling)  First Named Inventor  Group Art Unit  Examiner Name  Total Number of Pages in this Submission  Fee transmittal  Fee attached form  Assignment Papers (for an application)  After Final/ Response  Aftidavits/Declaration(s)  Extension of Time Request  Express Abandonment Request  Petition Routing Slip (PTO/SB/69) and Accompanying Petition  Express Abandonment Request  Petition to Convert to a Provisional Application  Power of Attorney, Revocation, Change of Correspondence Address  Terminal Disclaimer  Corresponse to Missing Parts Incomplete Application  Response to Missing Parts Under 37 CFR 1.52 or 1.53  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: Mail Stop Fee Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.  Type or print name  Kevin L. Russell  Date  June 17, 2003  Attorney Docket Number  7116.0006  After Allowance Communication to Group  After Allowance Communication  10 Group  Appeal Communication to Boar of Appeals and Interferences    Appeal Communication to Group  Appeal Communication  Date of Appeals and Interferences  Application  Petition Routing Slip (PTO/SB/69)  And distinct to a Provisional  Application  Power of Attorney, Revocation,  Change of Correspondence Addresses  (identify below)  Our check in the amount of \$18;  Acknowledgment Postcard.  Certified copy of Priority  Our check in the amount of \$18;  Acknowledgment Postcard.  Acknowledgment Postcard.  Date June 17, 2003  CERTIFICATE OF MAILING  I	-	The state of the s		Application Number	10/3	367,162	
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After Final/ Response						After Allowance Communication to Group	
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and Accompanying Petition  Express Abandonment Request  Application  Power of Attorney, Revocation, Change of Correspondence Address  Certified copy of Priority Documents  Response to Missing Parts Incomplete Application  Response to Missing Parts Under 37 CFR 1.52 or 1.53  SIGNATURE OF APPLICANT, ATTORNEY OR AGENT  Firm or Individual Name  Signature  Date  Signature  Certify that, on the date shown below, this correspondence is being deposited with the United States Postal Service in an envelope addressed to: Mail Stop Fee Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.  Type or print name  Kevin L. Russell  Date		Affidavits/Declaration(s)		Licensing Related Papers		Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)	
Application  Application  Power of Attorney, Revocation, Change of Correspondence Address  Certified copy of Priority Documents  Response to Missing Parts/ Incomplete Application  Response to Missing Parts Under 37 CFR 1.52 or 1.53  SIGNATURE OF APPLICANT, ATTORNEY OR AGENT  Firm or Individual Name  Signature  Date  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: Mail Stop Fee Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.  Type or print name  Kevin L. Russell  Date  June 17, 2003  Date  June 17, 2003  Date  Date  June 17, 2003  Date  Date  June 17, 2003					/69)	☐ Proprietary Information	
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Documents  Response to Missing Parts/ Incomplete Application  Response to Missing Parts Under 37 CFR 1.52 or 1.53  Request for Refund  Remarks:  SIGNATURE OF APPLICANT, ATTORNEY OR AGENT  Firm or Individual Name  Kevin L. Russell of Chernoff Vilhauer McClung & Stenzel, LLP  Signature  Date  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: Mail Stop Fee Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450  with sufficient postage as first class mail  as "Express Mail Post Office to Addressee" - mailing label no.  Type or print name  Kevin L. Russell  Date  June 17, 2003		☐Information Disclosure Statemen		<del>-</del>		<b>—</b>	
Response to Missing Parts/ Incomplete Application Response to Missing Parts Under 37 CFR 1.52 or 1.53  SIGNATURE OF APPLICANT, ATTORNEY OR AGENT Firm or Individual Name Kevin L. Russell of Chernoff Vilhauer McClung & Stenzel, LLP  Signature  Date  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: Mail Stop Fee Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 with sufficient postage as first class mail with sufficient postage as first class mail sufficient postage as first class mail Date  Type or print name  Kevin L. Russell  Date June 17, 2003				Terminal Disclaimer			
Under 37 CFR 1.52 or 1.53  Remarks:  SIGNATURE OF APPLICANT, ATTORNEY OR AGENT  Firm or Individual Name  Kevin L. Russell of Chernoff Vilhauer McClung & Stenzel, LLP  Signature  Date  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: Mail Stop Fee Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450  with sufficient postage as first class mail  as "Express Mail Post Office to Addressee" - mailing label no.  Type or print name  Kevin L. Russell  Date  June 17, 2003				Small Entity Statement		ACKNOWLEGGMENT OSIGARG.	
SIGNATURE OF APPLICANT, ATTORNEY OR AGENT  Firm or Individual Name Kevin L. Russell of Chernoff Vilhauer McClung & Stenzel, LLP  Signature  Date  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: Mail Stop Fee Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450  with sufficient postage as first class mail  as "Express Mail Post Office to Addressee" - mailing label no.  Type or print name  Kevin L. Russell  Date  June 17, 2003				Request for Refund			
Firm or Individual Name  Kevin L. Russell of Chernoff Vilhauer McClung & Stenzel, LLP  Signature  June 17, 2003  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: Mail Stop Fee Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450  with sufficient postage as first class mail  as "Express Mail Post Office to Addressee" - mailing label no.  Type or print name  Kevin L. Russell  Date  June 17, 2003	ı	Under 37 CFR 1.52 or 1.53	Rei	marks:			
Firm or Individual Name  Kevin L. Russell of Chernoff Vilhauer McClung & Stenzel, LLP  Signature  June 17, 2003  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: Mail Stop Fee Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450  with sufficient postage as first class mail  as "Express Mail Post Office to Addressee" - mailing label no.  Type or print name  Kevin L. Russell  Date  June 17, 2003		0,00	<u> </u>	OF ABOUGANT ATTORNE	V 00	ACENT	
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an envelope addressed to: Mail Stop Fee Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450  with sufficient postage as first class mail  as "Express Mail Post Office to Addressee" - mailing label no.  Type or print name Kevin L. Russell  Date June 17, 2003				CERTIFICATE OF MAILING			
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		Examin	er Nar	ne			
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1003 520 2003 260 Plant filing fee	1403	280	2403	140 Reques	t for oral hearing		
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Name (north tree)   Kevin I. Bussell	Doni	etration	Nc	38 303	Telephone	omplete (if applicable) (503) 227-56	31
Name (print type) Kevin L. Russell	regis	stration	140.	38,292	relephone	(303) 221-30	
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# IN THE UNITED STATES PATENT AND TRADEMARK OFFICE PATENT APPLICATION EXAMINING OPERATIONS

Applicant:

Serial No:

Filed:

Title:

Bruce W. DeKock

10/367,162

Examiner:

February 13, 2003

SYSTEM FOR PROVIDING TRAFFIC INFORMATION GROUP 30 2003

**AMENDMENT** 

Chernoff Vilhauer McClung & Stenzel, LLP 1600 ODS Tower 601 SW Second Avenue Portland, OR 97204-3157

June 17, 2003

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

Dear Sir:

Please amend the above-identified patent application as follows:

Void date: 08/27/2003 UEDUVIJE 08/27/2003 UEDUVIJE 00000018

-18.00 OP

08/27/2003 UEDUVIJE 00000018 10367162

01 FC:1202

18.00 D

08/27/2003 UEDUVIJE 00000020 10367162

01 FC:2202

18.00 OP

06/24/2003 HALI11

00000041 10367162

01 FC:1202

18.00 OP

djustment date: 08/27/2003 UED 6/24/2003 HALI11 00000041 103

-1-

#### Claims Amendment

#### In the Claims:

Please add the following new claims: claim 60 and 61.

#### **CLAIMS**

- 39. A system for providing traffic information to a plurality of mobile users connected to a network, comprising:
  - a plurality of mobile user stations, each mobile user station being associated with a
    display, and a communicating device to allow each of said mobile user stations to
    send and receive signals;
  - (b) a computer system interconnected with another communicating device and a network, said computer system being capable of sending and receiving signals to and from said mobile user stations;
  - said computer system including a traffic information database, said traffic
     information database containing data representative of traffic at a plurality of locations;
  - (d) at least one of said mobile user stations providing a request to said computer system for traffic information together with a signal associated with a respective geographic location of said one of said mobile user stations, and in response thereto, said computer system updating said traffic information database based on said geographic location of said one of said mobile user stations and providing to said one of said mobile user stations information representative of selected portions of said traffic

- information database based on said respective geographic location of said one of said mobile user stations; and
- (e) said one of said mobile user stations displaying graphically on said display information representative of selected portions of said traffic information database.
- 40. The system of claim 39 wherein said computer system updates said traffic information database based on data derived from a plurality of traffic monitors.
- 41. The system of claim 40 wherein said computer system compares data from said mobile user stations with said data derived from said traffic monitors before updating said traffic information database.
- 42. The system of claim 39 wherein said at least one of said mobile user stations is a cellular phone.
- 43. The system of claim 39 wherein said mobile user station further comprises a memory capable of storing a map database.
- 44. The system of claim 43 wherein said mobile user station displays a selected portion of said map database.
- 45. The system of claim 39 wherein each said mobile user station provides longitude and latitude information to said computer system.

- 46. The system of claim 39 wherein said location of said one of said mobile user stations is displayed graphically.
- 47. The system of claim 39 wherein said computer system screens data provided by said mobile user stations to determine whether said data corresponds to actual traffic conditions.
- 48. The system of claim 39 wherein said computer system further comprises a map database, and said computer system compares said signal associated with said respective geographic location of said one of said mobile user stations with said map database before updating said traffic information database.
- 49. A system for providing traffic information to a plurality of mobile users connected to a network, comprising:
  - a plurality of mobile user stations, each mobile user station being associated with a
    display, and a communicating device to allow each of said mobile user stations to
    send and receive signals;
  - (b) a computer system interconnected with another communicating device and a network, said computer system being capable of sending and receiving signals to and from said mobile user stations;
  - said computer system including a map database and a traffic information database, said traffic information database containing data representative of traffic at a plurality of locations;

- (d) at least one of said mobile user stations providing a signal associated with a respective geographic location of said one of said mobile user stations, and in response thereto, said computer system updating said traffic information database based on said geographic location of said one of said mobile user stations; and
- (e) said computer system comparing said signal associated with said respective geographic location of said one of said mobile user stations with said map database before updating said traffic information database.
- 50. The system of claim 49 wherein said at least one of said mobile user stations is a cellular phone.
- 51. The system of claim 49 wherein said computer system provides to said one of said mobile user stations information representative of selected portions of said traffic information database based on said respective geographic location of said one of said mobile user stations.
- 52. The system of claim 49 wherein said mobile user station comprises a display, and said one of said mobile user stations displays graphically on said display information representative of selected portions of said traffic information database.
- 53. The system of claim 49 wherein said computer system updates said traffic information database based on data derived from a plurality of traffic monitors.

- 54. The system of claim 49 wherein said mobile user station further comprises a memory capable of storing a map database.
- 55. The system of claim 54 wherein said mobile user station displays a selected portion of said map database and a selected portion of said traffic information database.
- 56. The system of claim 49 wherein each said mobile user station provides longitude and latitude information to said computer system.
- 57. The system of claim 49 wherein said location of said one of said mobile user stations is displayed graphically.
- 58. The system of claim 49 wherein said computer system screens data provided by said mobile user stations to determine whether said data corresponds to actual traffic conditions.
- 59. A system for providing traffic information to a plurality of mobile users connected to a network, comprising:
  - 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 that receives said signals transmitted by said traffic monitors;
  - (c) a computer system interconnected with said receiver and said network;

- a mobile user station connected to a global positioning system receiver, a display, and a communicating device;
- (e) said computer system providing to said one of said mobile user stations traffic information representative of said signals transmitted by said traffic monitors;
- (f) said traffic information transmitted by said computer system is displayed graphically on said display.

60. ( new claim) A system for providing traffic information to a plurality of mobile users connected to a network, comprising:

- 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 that receives said signals transmitted by said traffic monitors;
- (c) a computer system interconnected with said receiver and said network;
- (d) a mobile user station includes a display, and a receiving device;
- (e) said computer system providing to said one of said mobile user stations traffic information representative of said signals transmitted by said traffic monitors;
- (f) said traffic information transmitted by said computer system is displayed graphically on said display; and
- (g) wherein less than all available traffic information is displayed by said display.

61. (new claim). A system for providing traffic information to a plurality of mobile users connected to a network, comprising:

- 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 that receives said signals transmitted by said traffic monitors;
- (c) a computer system interconnected with said receiver and said network;
- (d) a mobile user station includes a display, and a receiving device;
- (e) said computer system providing to said one of said mobile user stations traffic information representative of said signals transmitted by said traffic monitors;
- (f) said traffic information transmitted by said computer system is displayed graphically on said display; and
- (g) wherein the displayed traffic information geographically encompasses the current geographic position of said mobile user station.

#### REMARKS

The claims commence on a separate sheet in compliance with 37 CFR 1.75 (h) and 1.21. Claim No. 39, added by the Amendment of June 17, 2003 is included. Two new claims have been added, Claims 40 and 41.

The Examiner is asked to consider the application with the additional claims, and pass this application to issue

Respectfully submitted,

Kevin L. Russell Reg. No. 38,292

Attorneys for Applicant Telephone: (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 postage prepaid in an envelope addressed to: Mail Stop Fee Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 June 23, 2003.

Dated: June 23, 2003

Kevin L. Russell

Q:\Uean2\KLR\DeKock\0006 Cont\Amend 02 add new claims .wpd



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

Applicant:

Bruce W. DeKock

Group Art Unit:

Serial No:

10/367,162

Examiner:

Filed:

February 13, 2003

Title:

SYSTEM FOR PROVIDING TRAFFIC INFORMATION

#### **AMENDMENT**

Chernoff Vilhauer McClung & Stenzel, LLP 1600 ODS Tower 601 SW Second Avenue Portland, OR 97204-3157

June 23, 2003

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

Dear Sir:

In response to NOTICE TO FILE CORRECTED APPLICATION PAPERS, replacement claims commencing on a separate sheet in compliance with 37 CFR 1.75 AND 1.121 are submitted herewith.

Please add new claims 60 and 61 to the above-identified patent application as follows:

08/27/2003 UEDUVIJE 00000018 10367162

08/27/2003 UEDUVIJE 00000018 10367162

02 FC:2202

06/27/2003 CHBUYEN 00000085 10367162

01 FC:2202 02 FC:2201

03 FC:2201

126.00 OP

Adjustment date: 08/27/2003 UEDUVIJE 06/27/2003 CMGUYEN 00000085 10367162

#### Claims Amendment

#### In the Claims:

Please add the following new claim:

- 59. 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 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 providing to said one of said mobile user stations traffic information representative of said signals transmitted by said traffic monitors; and
  - (f) said traffic information transmitted by said computer system is displayed graphically on said display.

#### **REMARKS**

Please consider the new claim..

Respectfully submitted,

Kevin L. Russell

Reg. No. 38,292

Attorneys for Applicant Telephone: (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 postage prepaid in an envelope addressed to: Mail Stop Fee Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 June 17, 2003.

Dated: <u>June 17, 2003</u>

Kevin L. Russell

Q:\Jean2\KLR\DeKock\0006 Cont\Amend add new claim .wpd



## 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

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/367,162	02/13/2003	Bruce W. DeKock	7116.0006	3015
152 75	90 03/25/2004		EXAM	INER
	VILHAUER, MCCLUI	NG & STENZEL	MARC COLEM	AN, MARTHE Y
1600 ODS TOV 601 SW SECON			ART UNIT	PAPER NUMBER
PORTLAND, (	OR 97204-3157		3661	· · · · · ·
			DATE MAILED: 03/25/200	4

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

	Application No.	Applicant(s)
	10/367,162	DEKOCK ET AL.
Office Action Summary	Examiner	Art Unit
	Marthe Y Marc-Coleman	3661
The MAILING DATE of this communication a	appears on the cover sheet with	the correspondence address
A SHORTENED STATUTORY PERIOD FOR REI THE MAILING DATE OF THIS COMMUNICATION  - Extensions of time may be available under the provisions of 37 CFR after SIX (6) MONTHS from the mailing date of this communication.  If the period for reply specified above is less than thirty (30) days, a  If NO period for reply is specified above, the maximum statutory perion  Failure to reply within the set or extended period for reply will, by state Any reply received by the Office later than three months after the may earned patent term adjustment. See 37 CFR 1.704(b).	N. 1.136(a). In no event, however, may a reply within the statutory minimum of thirty (in it is apply and will expire SIX (6) MONTHUM. Itute, cause the application to become ABAN	ly be timely filed  30) days will be considered timely.  IS from the mailing date of this communication.  NDONED (35 U.S.C. § 133).
Status		
1) Responsive to communication(s) filed on 13	3 February 2003.	
	his action is non-final.	
3) Since this application is in condition for allow	wance except for formal matter	s, prosecution as to the merits is
closed in accordance with the practice unde		
Disposition of Claims		
4) Claim(s) 39-61 is/are pending in the applica	ition	
4a) Of the above claim(s) is/are without		
5) Claim(s) is/are allowed.	nawn nom consideration.	
6)⊠ Claim(s) <u>39-61</u> is/are rejected.		
7) Claim(s) is/are rejected.		
8) Claim(s) are subject to restriction and	d/or election requirement	
o) Claim(s) are subject to restriction are	u/or election requirement.	
Application Papers		
9) The specification is objected to by the Exam	iner.	
10) The drawing(s) filed on is/are: a) a	accepted or b) objected to by	the Examiner.
Applicant may not request that any objection to	the drawing(s) be held in abeyance	e. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the cor-	rection is required if the drawing(s	) is objected to. See 37 CFR 1.121(d).
11) The oath or declaration is objected to by the	Examiner. Note the attached (	Office Action or form PTO-152.
Priority under 35 U.S.C. § 119		
12) Acknowledgment is made of a claim for fore a) All b) Some * c) None of:		19(a)-(d) or (f).
Certified copies of the priority documents		
2. Certified copies of the priority docume		
3. Copies of the certified copies of the p	riority documents have been re	eceived in this National Stage
application from the International Bur		
* See the attached detailed Office action for a	list of the certified copies not re	eceived.
AM-24		
Attachment(s)	۸.□ سمممم	nmary (PTO-413)
Notice of References Cited (PTO-892)     Notice of Draftsperson's Patent Drawing Review (PTO-948)	· —	Mail Date
3) Information Disclosure Statement(s) (PTO-1449 or PTO/SB, Paper No(s)/Mail Date 5/22/03.	a. 🗖	ormal Patent Application (PTO-152) 100

Application/Control Number: 10/367,162

Art Unit: 3661

#### DETAILED ACTION

1. This office action is in response to Application Serial No. 10/367,162 filed on February 13, 2003.

#### **Double Patenting**

2. 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. See *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) may be used to overcome an actual or provisional rejection based on a nonstatutory double patenting ground provided the conflicting application or patent is shown to be commonly owned with this application. See 37 CFR 1.130(b).

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).

Page 2

Application/Control Number: 10/367,162 Page 3

Art Unit: 3661

3. Claims 39-58 and claims 59-61 are rejected under the judicially created doctrine of obviousness-type double patenting as being unpatentable over claims 25-38 and claims 1-2 of U.S. Patent No. 6,574,548. Although the conflicting claims are not identical, they are not patentably distinct from each other because the claims of the application encompass the claims of the patents because it is broader.

It is well settle that the omission of an element, and its function is an obvious expedient if the remaining elements perform the same function as before. *In re Karlson,* 136 USPQ 184 (CCPA 1963). Also note *Ex parte Rainu,* 168 USPQ 375 (Bd. App. 1969). Omission of a reference element of step whose function is not needed would be obvious to one of ordinary skill in the art.

#### Conclusion

4. 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 number for the organization where this application or proceeding is assigned is 703-872-9306.

Application/Control Number: 10/367,162

Art Unit: 3661

Page 4

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).

Patent Examiner

Marthe Y. Marc-Coleman

Marthe Y. Marc-Coleman

March 17, 2004

#### Applicant(s)/Patent Under Reexamination Application/Control No. 10/367,162 DEKOCK ET AL. Notice of References Cited Art Unit Examiner Page 1 of 1 Marthe Y Marc-Coleman 3661

#### **U.S. PATENT DOCUMENTS**

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
	A	US-6,466,862	10-2002	DeKock et al.	701/117
	В	US-6,151,550	11-2000	Nakatani, Mitsuo	701/117
	С	US-6,574,548	06-2003	DeKock et al.	701/117
	D	US-			
	Ε	US-			
	F	US-			
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#### FOREIGN PATENT DOCUMENTS

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		NON-PATENT DOCUMENTS
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\*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.

U.S. Patent and Trademark Office PTO-892 (Rev. 01-2001)

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**Notice of References Cited** 

Part of Paper No. 20040417

104

FÖRM PTO-1449 (Modified)	ATTY. DOCKET NO. KLR:7116.0006	SERIAL NO. 10/367,162	
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT MAY 2 0 2003	APPLICANT DeKock, et. al.		
(Use several sheets if necessary)	FILING DATE February 13, 2003	GROUP 3661	

#### **U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	,	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
MYM	AA	5,402,117	Mar. 28, 1995	Zijderhand		all park area.		
	AB	5,539,645	July 23, 1996	Mandhyan, et. al.		شم رهيون ۱۳۵		
	AC	. 5,594,432	Jan. 14, 1997	Oliva, et. al.	.,,,,,,,	etres 4		
	ΑD	5,673,039	Sept. 30, 1997	Pietzsch, et. al.	-	special contraction of the second		
	AE 5,774,827		June 30, 1998	Smith, Jr., et. al.		*ETERN		
	AF	AF 5,812,069 Sept. 22, 1		Albrecht, et. al.		#14\$23\$54++#11		
	AG	5,845,227	Dec. 1, 1998	Peterson	••••			
	AH	5,889,477	Mar. 30, 1999	Fastenrath	were: "	, pq + 4.97 Ametro .		
	ΑI	5,926,113	July 20, 1999	Jones, et. al.		, _was		
	AJ	5,959,577	Sept. 28, 1999	Fan, et. al.	-	er(n#A)F		
	AK	5,982,298	Nov. 9, 1999	Lappenbusch, et. al.	GEODERANS -	estantino.		
	AL	5,987,374	Nov. 16, 1999	Akutsu, et. al.	And the second second	CLIV	ED	
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	AN	6,107,940	Aug. 22, 2000	Grimm	320mm-11	MAY-2-2 2	D03	
	AO	6,150,961	Nov. 21, 2000	Alewine, et. al.		QÜD	3600	
	AP	6,151,550	Nov 21, 2000	Nakatani	GI.	KOO!"		
MYM	AQ	US 6,466,862, B1	Oct. 15, 2002	DeKock, et. al.	Miles plants, man	ACCESSES OF ALL		

#### FOREIGN PATENTS COUNTRY CLASS SUBCLASS

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OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

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10/367,162 D	Applicant(s)
10/367,162	DEKOCK ET AL.
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701	214	3/17/2004	MYM MYM MYM	
701	208	3/17/2004		
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SEARCH NOTES (INCLUDING SEARCH STRATEGY)						
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ppl. No. : 10/367,162

Applicant : Bruce W. DeKock

Filed : February 13, 2003

Title : SYSTEM FOR PROVIDING TRAFFIC INFORMATION

TC/A.U. : 3015

Examiner : Marc Coleman

Docket No. : 7116.0006

Commissioner for Patents

P.O. Box 1450

Alexandria VA 22313-1450

#### **AMENDMENT**

Sir:

In response to the outstanding Office Action dated March 25, 2004, please amend the above-identified application to include the enclosed Terminal Disclaimer along with required fees, and these remarks:

Amendments to the Specification are not reflected in this paper.

Amendments to the Claims begin on page 2 of this paper.

Amendments to the Drawings are not reflected in this paper.

Remarks/Arguments begin on page 10 of this paper, and page 11 is a Terminal Disclaimer.

An Appendix is not included in this paper.

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Amdt. dated:

March 25, 2004

Reply dated:

March 29, 2004

#### AMENDMENTS TO THE CLAIMS

This set of claims will replace all previous sets of claims for this application.

Claims 1-38 (canceled).

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

- a plurality of mobile user stations, each mobile user station being associated with a display, and a communicating device to allow each of said mobile user stations to send and receive signals;
- a computer system interconnected with another communicating device and a network, said computer system being capable of sending and receiving signals to and from said mobile user stations;
- (c) said computer system including a traffic information database, said traffic information database containing data representative of traffic at a plurality of locations;
- (d) at least one of said mobile user stations providing a request to said computer system for traffic information together with a signal associated with a respective geographic location of said one of said mobile user stations, and in response thereto, said computer system updating said traffic information database based on said geographic location of said one of said mobile user stations and providing to said one of said mobile user stations information representative of selected portions of said traffic information database based on said respective geographic location of said one of said mobile user stations; and
- (e) said one of said mobile user stations displaying graphically on said display information representative of selected portions of said traffic information

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database.

40 (original). The system of claim 39 wherein said computer system updates said traffic information database based on data derived from a plurality of traffic monitors.

- 41 (original). The system of claim 40 wherein said computer system compares data from said mobile user stations with said data derived from said traffic monitors before updating said traffic information database.
- 42. (original). The system of claim 39 wherein said at least one of said mobile user stations is a cellular phone.
- 43 (original). The system of claim 39 wherein said mobile user station further comprises a memory capable of storing a map database.
- 44 (original). The system of claim 43 wherein said mobile user station displays a selected portion of said map database.
- 45 (original). The system of claim 39 wherein each said mobile user station provides longitude and latitude information to said computer system.
- 46 (original). The system of claim 39 wherein said location of said one of said mobile user stations is displayed graphically.
- 47 (original). The system of claim 39 wherein said computer system screens data provided by said mobile user stations to determine whether said data corresponds to actual traffic

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conditions.

48 (original). The system of claim 39 wherein said computer system further comprises a map database, and said computer system compares said signal associated with said respective geographic location of said one of said mobile user stations with said map database before updating said traffic information database.

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

- a plurality of mobile user stations, each mobile user station being associated with a display, and a communicating device to allow each of said mobile user stations to send and receive signals;
- (b) a computer system interconnected with another communicating device and a network, said computer system being capable of sending and receiving signals to and from said mobile user stations;
- (c) said computer system including a map database and a traffic information database, said traffic information database containing data representative of traffic at a plurality of locations;
- (d) at least one of said mobile user stations providing a signal associated with a respective geographic location of said one of said mobile user stations, and in response thereto, said computer system updating said traffic information database based on said geographic location of said one of said mobile user stations; and
- (e) said computer system comparing said signal associated with said respective geographic location of said one of said mobile user stations with said map database before updating said traffic information database.

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50 (original). The system of claim 49 wherein said at least one of said mobile user stations is a cellular phone.

- 51 (original). The system of claim 49 wherein said computer system provides to said one of said mobile user stations information representative of selected portions of said traffic information database based on said respective geographic location of said one of said mobile user stations.
- 52 (original). The system of claim 49 wherein said mobile user station comprises a display, and said one of said mobile user stations displays graphically on said display information representative of selected portions of said traffic information database.
- 53 (original). The system of claim 49 wherein said computer system updates said traffic information database based on data derived from a plurality of traffic monitors.
- 54 (original). The system of claim 49 wherein said mobile user station further comprises a memory capable of storing a map database.
- 55 (original). The system of claim 54 wherein said mobile user station displays a selected portion of said map database and a selected portion of said traffic information database.
- 56 (original). The system of claim 49 wherein each said mobile user station provides longitude and latitude information to said computer system.
- 57 (original). The system of claim 49 wherein said location of said one of said mobile user stations is displayed graphically.

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58 (original). The system of claim 49 wherein said computer system screens data provided by said mobile user stations to determine whether said data corresponds to actual traffic conditions.

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

- 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 that receives said signals transmitted by said traffic monitors;
- (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;
- said computer system providing to said one of said mobile user stations traffic information representative of said signals transmitted by said traffic monitors;
- (f) said traffic information transmitted by said computer system is displayed graphically on said display.
- 60. (original). A system for providing traffic information to a plurality of mobile users connected to a network, comprising:

Appl. No.: Amdt. dated: Reply dated: 10/367,162 March 25, 2004 March 29, 2004

- 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 that receives said signals transmitted by said traffic monitors;
- (c) a computer system interconnected with said receiver and said network;
- (d) a mobile user station includes a display, and a receiving device;
- said computer system providing to said one of said mobile user stations traffic information representative of said signals transmitted by said traffic monitors;
- (f) said traffic information transmitted by said computer system is displayed graphically on said display; and
- (g) wherein less than all available traffic information is displayed by said display.

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61. (original). A system for providing traffic information to a plurality of mobile users

## connected to a network, comprising:

- 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 that receives said signals transmitted by said traffic monitors;
- (c) a computer system interconnected with said receiver and said network;
- (d) a mobile user station includes a display, and a receiving device;
- said computer system providing to said one of said mobile user stations traffic information representative of said signals transmitted by said traffic monitors;
- said traffic information transmitted by said computer system is displayed graphically on said display; and
- (g) wherein the displayed traffic information geographically encompasses the current geographic position of said mobile user station.

Appl. No.: Amdt. dated: 10/367,162 March 25, 2004

Reply dated:

March 29, 2004

10/367,162

Amdt. dated:

March 25, 2004

Reply dated:

March 29, 2004

#### **REMARKS / ARGUMENTS**

In order to overcome the nonstatutory double patenting rejection based on a judicially created doctrine grounded in public policy 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, we include herewith a terminal disclaimer in compliance with 37 CFR 1.321(c).

If the Examiner believes that for any reason direct contact with applicant's attorney would advance the prosecution of this application, the Examiner is invited to telephone the undersigned at the number below.

Respectfully submitted, Chernoff, Vilhauer, McClung & Stenzel, LLP 1600 ODS Tower 601 SW Second Avenue Portland, Oregon 97204

By:

Kevin L. Russell

Reg. No.

38,292

Telephone No. (503) 227-5631

FAX No. (503) 228-4373



#### TERMINAL DISCLAIMER TO OBVIATE A DOUBLE PATENTING REJECTION OVER A PRIOR PATENT

**Docket Number** 7116.0006

In re Application of:

Bruce W. DeKock

Application No.:

10/367,162

Filed:

February 13, 2003

For:

SYSTEM FOR PROVIDING TRAFFIC INFORMATION

The owner, Bruce W. DeKock, of 100 percent interest 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 defined in 35 U.S.C. 154 to 156 and 173 as presently shortened by any terminal disclaimer, of prior US Patent No. 6,574,548. The owner hereby agrees that any patent so granted on the instant patent application shall be enforceable only for and during such period that it and the prior patent granted are commonly owned. This agreement runs with any patent granted on the instant application and is binding on the grantee, its successors or assigns.

In making the above disclaimer, the owner does not disclaim the terminal part of any patent granted on the instant application that would extend to the expiration date of the full statutory term as defined in 35 U.S.C. 154 to 156 and 173 of the prior patent, as presently shortened by any terminal disclaimer; in the event that it: 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 C.F.R. 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 shortened by any terminal disclaimer filed prior to its grant.

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government agency, etc.), the undersigned is empowered to act on behalf of the organization.

I hereby declared 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.

☑ The undersigned is an attorney or agent of record

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March 29, 2004

Date

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Kevin L. Russell

38.292

Typed or Printed Name

Signature

Registration No.

☑ Terminal disclaimer fee under 37 C.F.R. 1.20(d) is included.

\* 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 this statement. See MPEP § 324.

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SUBMITTED BY						Co	mplete (if applicable)	
Name (print type) Kevin L. Russell	Regi	stration	No.	38,	292	Telephone	(503) 227-	
Signature			٠.		-	Date	March 29,	2004
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			Application Number 10/367,162						
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Exhibit F Page 120 of 139



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#### NOTICE OF ALLOWANCE AND FEE(S) DUE

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06/17/2004

CHERNOFF, VILHAUER, MCCLUNG & STENZEL

**601 SW SECOND AVENUE** PORTLAND, OR 97204-3157 **EXAMINER** 

MARC COLEMAN, MARTHE Y

ART UNIT

PAPER NUMBER

3661

DATE MAILED: 06/17/2004

ſ	APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
١	10/367,162	02/13/2003	Bruce W. DeKock	7116.0006	3015

TITLE OF INVENTION: SYSTEM FOR PROVIDING TRAFFIC INFORMATION

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	YES	\$665	\$300	\$965	09/17/2004

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. 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 the same, pay the TOTAL FEE(S) DUE shown above.

B. 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

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 Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on r after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility t ensure timely payment f maintenance fees when due.

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Mail Stop ISSUE FEE Commissioner for Patents P.O. B x 1450 Alexandria, Virginia 22313-1450

(703) 746-4000 or Fax 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. 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. CURRENT CORRESPONDENCE ADDRESS (Note: Legibly mark-up with any corrections or use Block 1) 00152 7590 06/17/2004 CHERNOFF, VILHAUER, MCCLUNG & STENZEL 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, on the date indicated below. 1600 ODS TOWER 601 SW SECOND AVENUE PORTLAND, OR 97204-3157 (Depositor's nam (Signature APPLICATION NO. FILING DATE FIRST NAMED INVENTOR ATTORNEY DOCKET NO. CONFIRMATION NO. 10/367,162 02/13/2003 7116.0006 Bruce W. DeKock 3015 TITLE OF INVENTION: SYSTEM FOR PROVIDING TRAFFIC INFORMATION APPLN. TYPE SMALL ENTITY ISSUE FEE PUBLICATION FEE TOTAL FEE(S) DUE DATE DUE nonprovisional YES \$665 \$300 \$965 09/17/2004 EXAMINER ART UNIT CLASS-SUBCLASS MARC COLEMAN, MARTHE Y 3661 701-117000 1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363). 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 ☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached. firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent O "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required. attorneys or agents. If no name is listed, no name will be printed. 3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type) PLEASE NOTE: Unless an assignce 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) Please check the appropriate assignee category or categories (will not be printed on the patent); ☐ individual ☐ corporation or other private group entity 4a. The following fee(s) are enclosed: 4b. Payment of Fee(s): ☐ Issue Fee A check in the amount of the fee(s) is enclosed. Publication Fee ☐ Payment by credit card. Form PTO-2038 is attached. ☐ Advance Order - # of Copies The Director is hereby authorized by charge the required fee(s), or credit any overpayment, to Deposit Account Number \_\_\_\_\_\_ (enclose an extra copy of this form). Director for Patents 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) 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. This collection of information 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, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Alexandria, Virginia 22313-1450.

Exhibit F Page 122 of 139

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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/367,162	02/13/2003	Bruce W. DeKock	7116.0006	3015
00152 75	90 06/17/2004		EXAM	INER
	LHAUER, MCCLUNG &	STENZEL	MARC COLEMA	N, MARTHE Y
1600 ODS TOWER 601 SW SECOND	-		ART UNIT	PAPER NUMBER
PORTLAND, OR 9	97204-3157		3661	
			DATE MAILED: 06/17/2004	4

## Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 0 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 0 day(s).

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) system (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 (703) 305-1383. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at (703) 305-8283.

	Applicati n No.	Applicant(s)	
Al-Al of Allowskills	10/367,162	DEKOCK ET AL.	
Notice of Allowability	Examiner	Art Unit	
	Marthe Y Marc-Coleman	3661	M41
The MAILING DATE of this communication appearance All claims being allowable, PROSECUTION ON THE MERITS IS herewith (or previously mailed), a Notice of Allowance (PTOL-85) NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIOF the Office or upon petition by the applicant. See 37 CFR 1.313	(OR REMAINS) CLOSED in this app or other appropriate communication IGHTS. This application is subject to	plication. If not include will be mailed in due	ed course. <b>THIS</b>
<ol> <li>This communication is responsive to 3/31/04.</li> <li>The allowed claim(s) is/are 39-61.</li> <li>The drawings filed on 13 February 2004 are accepted by the second of a claim for foreign priority under a) All b) Some* c) None of the:         <ol> <li>Certified copies of the priority documents have</li> </ol> </li> </ol>	der 35 U.S.C. § 119(a)-(d) or (f).		
2. Conice of the profited conice of the priority documents have			
3.  Copies of the certified copies of the priority dod International Bureau (PCT Rule 17.2(a)).  * Certified copies not received:  5.  Acknowledgment is made of a claim for domestic priority ur (a)  The translation of the foreign language provisional a 6.  Acknowledgment is made of a claim for domestic priority ur Applicant has THREE MONTHS FROM THE "MAILING DATE" of below. Failure to timely comply will result in ABANDONMENT of the foreign language provisional a 6.  Acknowledgment is made of a claim for domestic priority ur Applicant has THREE MONTHS FROM THE "MAILING DATE" of below. Failure to timely comply will result in ABANDONMENT of the language provisional a 6.  Acknowledgment is made of a claim for domestic priority ur Applicant has THREE MONTHS FROM THE "MAILING DATE" of below. Failure to timely comply will result in ABANDONMENT of the language provisional a 6.  Acknowledgment is made of a claim for domestic priority ur Applicant has THREE MONTHS FROM THE "MAILING DATE" of below. Failure to timely comply will result in ABANDONMENT of the language provisional a 6.  Acknowledgment is made of a claim for domestic priority ur Applicant has THREE MONTHS FROM THE "MAILING DATE" of below. Failure to timely comply will result in ABANDONMENT of the language provisional a 6.  Acknowledgment is made of a claim for domestic priority ur Applicant has THREE MONTHS FROM THE "MAILING DATE" of below. Failure to timely comply will result in ABANDONMENT of the language provisional a 6.  Acknowledgment is made of a claim for domestic priority ur (a)  Acknowledgment is made of a claim for domestic priority ur (a)  Acknowledgment is made of a claim for domestic priority ur (a)  Acknowledgment is made of a claim for domestic priority ur (a)  Acknowledgment is made of a claim for domestic priority ur (a)  Acknowledgment is made of a claim for domestic priority ur (a)  Acknowledgment is made of a claim for domestic priority ur (a)  Acknowledgment is made of a claim for domestic priority ur (a)  Acknowledgment is made of	nder 35 U.S.C. § 119(e) (to a provision pplication has been received. Inder 35 U.S.C. §§ 120 and/or 121. Ithis communication to file a reply conthis application. THIS THREE-MONTHIS THREE-MONTHIS THREE-MONTHIS ON(s) why the oath or declaration is contact the second sec	onal application).  Implying with the requiver the requiver to the requiver to the requiver to the requiver to the requirement of the requirement to the requirement	irements noted EXTENDABLE
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Attachment(s)  1 Notice of References Cited (PTO-892)  3 Notice of Draftperson's Patent Drawing Review (PTO-948)  5 Information Disclosure Statements (PTO-1449), Paper No  7 Examiner's Comment Regarding Requirement for Deposit of Biological Material	2☐ Notice of Informa 4☐ Interview Summa 6☐ Examiner's Amer 8⊠ Examiner's State 9☐ Other	ary (PTO-413), Paper ndment/Comment ment of Reasons for A	No
	Marthe y. Marc-	Coleman	124

Application/Control Number: 10/367,162

Art Unit: 3661

### **REASONS FOR ALLOWANCE**

1. The following is an examiner's statement of reasons for allowance: In light of the terminal disclaimer, claims 39-61 are found to be allowable.

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, Tomas G Black can be reached on (703) 305-8233. The fax phone numbers for the organization where this application or proceeding is assigned are (703) 872-9306 for regular communications and (703) 872-9306 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.

Page 2

Application/Control Number: 10/367,162

Art Unit: 3661

Page 3

Patent Examiner

Marthe Y. Marc-Coleman

Marthe Marc-Coleman

May 25, 2004

Issue	Classif	ication

Application No.	Applicant(s)	
10/367,162	DEKOCK ET AL.	
Examin r	Art Unit	
Marthe Y Marc-Coleman	3661	

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## Search Not s



Applicati n N .	Applicant(s)	
10/367,162	DEKOCK ET AL.	
Examiner	Art Unit	-
Marthe Y Marc-Coleman	3661	

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701	119	5/25/2004	МҮМ				
701	208	5/25/2004	МҮМ				
701	201	5/25/2004	МҮМ				
701	210	5/25/2004	МҮМ				
701	219	5/25/2004	МҮМ				
701	117	5/25/2004	MYM				
701	118	5/25/2004	МҮМ				
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Class	Subclass	Date	Examiner		
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701	118	5/25/2004	MYM		
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Application Number	Application No.	Applicant(s)
	10/367,162	DEKOCK ET AL.
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TERMINAL DISCLAIMER	⊠ APPROVED	☐ DISAPPROVED
Document Code - DISQ	This patent is subject	
INTERNAL DOCUMENT - DO NOT MAIL	to a Terminal Disclaimer	

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(703) 746-4000

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06/17/2004

CHERNOFF, VILHAUER, MCCLU 1600 ODS TOWER 601 SW SECOND AVENUE PORTLAND, OR 97204-3157



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Certificate of Mailing or Transmission

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(Depositor's name)	. Russell	Kevin L	
(Signature)	 	7-7	:
(Date)	 ZY 2004	June	•

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/367,162	02/13/2003	Bruce W. DeKock	7116.0006	3015

TITLE OF INVENTION: SYSTEM FOR PROVIDING TRAFFIC INFORMATION

APPLN. TYPE	SMALL ENTITY	ISSUE FEE		PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	YES	\$665	·	\$300	\$965	09/17/2004
EXAN	AINER	ART UNIT		CLASS-SUBCLASS	7	
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4a. The following fec(s) are	enclosed:	4b. l	Payment of Fee	(s):		
Issue Fee		XX	A check in the	amount of the fee(s) is e	nclosed.	
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Exhibit F Page 130 of 139

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PTO/SB/21 (02-04) Approved for use through 07/31/2006. OMB 0651-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE nder 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 Application Number 10/367,162 **TRANSMITTAL** Filing Date February 13, 2003 **FORM** First Named Inventor DeKock, et. al. Art Unit (to be used for all correspondence after initial filing) 3661 **Examiner Name** Marc Coleman, Marthe Y. Attorney Docket Number 7116,0006 Total Number of Pages in This Submission **ENCLOSURES** (Check all that apply) After Allowance communication Fee Transmittal Form Drawing(s) to Technology Center (TC) Appeal Communication to Board Fee Attached Licensing-related Papers of Appeals and Interferences Appeal Communication to TC Petition Amendment/Reply (Appeal Notice, Brief, Reply Brief) Petition to Convert to a Proprietary Information After Final **Provisional Application** Power of Attorney, Revocation Status Letter Affidavits/declaration(s) Change of Correspondence Address Other Enclosure(s) (please Terminal Disclaimer **Extension of Time Request** Identify below): Issue Fee Transmittal; postcard Request for Refund **Express Abandonment Request** CD, Number of CD(s) Information Disclosure Statement Remarks Certified Copy of Priority Document(s) Commissioner authorized to charge additional fees or credit overpayment to Deposit acct. 03-1550. Response to Missing Parts/ Incomplete Application Response to Missing Parts under 37 CFR 1.52 or 1.53 SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT Firm Kevin L. Russell, Reg. No. 38,292 Individual name Signature Date May242004 **CERTIFICATE OF TRANSMISSION/MAILING** I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below. Typed or printed name Kevin L. Russell, Reg. No. 38,292

This collection of information is required by 37 CFR 1.5. 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 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, 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.

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# FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT

SUBMITTED BY

(\$)	965.00	

Complete if Known					
Application Number 10/367,162					
Filing Date	Feb. 12, 2003				
First Named Inventor	Baoxin Li, et. al.				
Examiner Name	Marc Coleman, Marthe Y.				
Art Unit	3661				
Attorney Docket No.	7116.0006				

METHOD OF PAYMENT (check all that apply)	k all that apply) FEE CALCULATION (continued)					
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FEE CALCULATION	1251	110	2251	55	Extension for reply within first month	
1. BASIC FILING FEE	1252	420	2252	210	Extension for reply within second month	
Large Entity Small Entity	1253	950	2253	475	Extension for reply within third month	-
Fee Fee Fee Fee Description Fee Paid Code (\$) Code (\$)	1254 1	1,480	2254	740	Extension for reply within fourth month	ļ
1001 770 2001 385 Utility filing fee	1255 2	2,010	2255	1,005	Extension for reply within fifth month	<b>-</b>
1002 340 2002 170 Design filing fee	1401	330	2401	165	Notice of Appeal	
1003 530 2003 265 Plant filing fee	1402	330	2402	165	Filing a brief in support of an appeal	<u> </u>
1004 770 2004 385 Reissue filing fee	1403	290	2403	145	Request for oral hearing	<b></b>
1005 160 2005 80 Provisional filing fee	1451 1	1,510	1451	1,510	Petition to institute a public use proceeding	L
SUBTOTAL (1) (\$)	1452	110	2452	55	Petition to revive - unavoidable	$\vdash$
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE	1453 1	1,330	2453	665	Petition to revive - unintentional	205.00
Fee from		1,330	2501		Utility issue fee (or reissue)	665.00
Extra Claims below Fee Paid  Total Claims X = X	1502	480	2502		Design issue fee	<b></b>
Independent	1503	640	2503		Plant issue fee	
Claims -3 =	1460	130	1460		Petitions to the Commissioner	<u> </u>
Large Entity   Small Entity	1807	50	180		Processing fee under 37 CFR 1.17(q)	
Fee Fee Fee Fee Description	1806	180	1806		Submission of Information Disclosure Stmt Recording each patent assignment per	
Code (\$)   Code (\$) 1202 18   2202 9 Claims in excess of 20	8021	40	802	1 40	property (times number of properties)	
1201 86 2201 43 Independent claims in excess of 3	1809	770	2809	385	Filing a submission after final rejection (37 CFR 1.129(a))	
1203 290 2203 145 Multiple dependent claim, if not paid 1204 86 2204 43 ** Reissue independent claims	1810	770	2810	385	For each additional invention to be examined (37 CFR 1.129(b))	
1204 86 2204 43 ** Reissue independent claims over original patent	1801	770	2801	385	` ` ` ` ` ` ` ` ` ` ` ` ` ` ` ` ` ` `	
1205 18 2205 9 ** Reissue claims in excess of 20 and over original patent	1802	900	1802	900	Request for expedited examination of a design application	
SUBTOTAL (2) (\$)	Other fo	ee (sp	ecify) _	put	olication fee	300.00
SUBTOTAL (2) (\$) **or number previously paid, if greater, For Reissues, see above	Reduc	ced by	Basic I	Filing F	ee Paid SUBTOTAL (3) (\$) 965.	00

Name (Print/Type)
Kevin L. Russell
Registration No. (Attornev/Agent)
Signature
Registration No. (Attornev/Agent)
Date
June 7 / 2004

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This collection of information is required by 37 CFR 1.17 and 1.27. 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 page amount of time you require to complete his 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.

(Complete (if applicable))

10/367/62

PTO/SB/21 (09-04)

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## TRANSMITTAL **FORM**

(to be used for all correspondence after initial filing)

Patent Number	6,785,606 B2	
Issue Date	August 31, 2004	
First Named Inventor	Bruce W. DeKock et al.	
Art Unit		
Examiner Name		
Attamas Deskat Number	7116 0006	

Total Number of Pages in This Submission			Attorney Docket N	umber	7116.0006	
		ENCLO	SURES (check all tha	t apply)		
Fee Transmittal Form						owance Communication to TC Communication to Board
Amendment / Reply		Petition	related Papers	·	Appeal C	als and Interferences  Communication to TC  lotice, Brief, Reply Brief)
After Final			Convert to a Application		_ ` ` ` `	ary Information
Affidavits/declaration(s	s)		Attorney, Revocation f Correspondence Add	ress	Status Le	etter
Extension of Time Reques	st 📗	Terminal (	Disclaimer		Other E	nclosure(s) lentify below):
Express Abandonment Re	equest	Request for	or Refund			Correction, in duplicate amount of \$100
☐ Information Disclosure Sta			dscape Table on CD			
Certified Copy of Priority Document(s)	R	emarks				<del> </del>
Reply to Missing Parts/ Incomplete Application Reply to Missing Part under 37 CFR1.52 or	s ov		sioner is hereby auth , to Deposit Account			dditional fees, or credit any
	SIGNAT	URE OF A	APPLICANT, ATTO	RNEY, OI	R AGENT	Certificat
Firm	Ch	ernoff, Vilhau	er, McClung & Stenzel	1		JUL 1 3 20
Signature	-	1	$\overline{}$	¥.,		of Correct
Printed Name	Ke	vin L. Russel	)			
Date	Jul	y 6, 2005		Reg. No.	38,292	
	CI	RTIFICA	TE OF TRANSMISS	ION/MAI	LING	
I hereby certify that this corresponded with sufficient postal Commissioner for Patents, P.O.	ge as first cl	ass mail ir	an envelope addres	sed to: M	ail Stop Cert	with the United States Posta ificate of Corrections Branch
Signature	12					
Typed or printed name	Kevin L. Russ	ell			Date	July 6, 2005
					-	

This collection of information is required by 37 CFR 1.5. 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 1.11 and 1.14. This collection is estimated to 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.

133

## UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO: 6,785,606 B2

DATED: Aug. 31, 2004

INVENTOR(S): Bruce W. DeKock et al.

It is certified that error appears in the above-identified patent and that said Letters Patent are hereby corrected as shown below:

On the cover page, please replace the "Related U.S. Application Data" (paragraph (63)) with the following:

-Continuation of application No. 10/218,850, filed on Aug. 13, 2002, now Pat. No. 6,574,548, which is a continuation of application No. 09/550,476, filed on Apr. 14, 2000, now Pat. No. 6,466,862.-

MAILING ADDRESS OF SENDER:

Kevin L. Russell Chernoff, Vilhauer, McClung & Stenzel 1600 ODS Tower 601 SW Second Avenue Portland, OR 97204

PATENT NO. 6,785,606 B2

No. of additional copies



This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. 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 1.0 hour 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: Attention Certificate of Corrections Branch, 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.

Exhibit F Page 134 of 139

331. 1 4 2005

	SPE RESPONSE FO		
DATE	7-30-05		Paper No.:
TO SPE OF	: 7-30-05 : ART UNIT 3661		
SUBJECT	: Request for Certificate of Corre	ection on Patent No.: 67850	206
A response is	requested with respect to the	accompanying request for a certificate of	of correction.
Palm locatio If response i		h file, within 7 days to: rection Branch – South Tower – 9 <i>I</i> loyee (named below) via PUBSCot	
patent read a		rrecting Office and/or Applicant's errors, rection (COCIN)? No new matter should anged.	
		Valerie Jack	son
Thank You Fo	- V		_ 
	r Your Assistance	Certificates of Corre Tel. No. 703-308	
Note your decision	t for issuing the above-ider	Tel. No. 703-308-	
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## UNITED STATES PATENT AND TRADEMARK OFFICE **CERTIFICATE OF CORRECTION**

PATENT NO.

: 6,785,606 B2

Page 1 of 1

**APPLICATION NO. : 10/367162** DATED

: August 31, 2004

INVENTOR(S)

: Bruce W. DeKock et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

On the title page, replace the "Related U.S. Application Data" item (63) with the following:

--Continuation of application No. 10/218,850, filed on Aug. 13, 2002, now Pat. No. 6,574,548, which is a continuation of application No. 09/550,476, filed on Apr. 14, 2000, now Pat. No. 6,466,862.--

Signed and Sealed this

Twenty-sixth Day of December, 2006

JON W. DUDAS Director of the United States Patent and Trademark Office

S AO 120 (Rev. 3/04)		SOLICITOR
	Mail Stop 8 J.S. Patent and Trademark Of P.O. Box 1450 u.S. P undria, VA 22313-1450	OCT 2 3 2008 REPORT ON THE FILING OR DETERMINATION OF AN ATENT & TRADEMARK STACEN REGARDING A PATENT OR TRADEMARK
filed in the U.S. D	Contain Distric	Oil the following to rate its of the trade it are.
DOCKET NO. 2:08-cv-404	DATE FILED 10/20/2008	U.S. DISTRICT COURT Eastern District of Texas
PLAINTIFF		DEFENDANT
TRAFFIC INFORMATION	ON, LLC	HTC USA, INC., MOTOROLA, INC., PALM, INC., PANTECH WIRELESS, INC., SAMSUNG TELECOMMUNICATIONS AMERICA, LLC, ET AL.
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1 6,785,606	8/31/2004	Bruce W. DeKock, Kevin L. Russell, and Richard J. Qian
2 6,466,862	10/15/2002	Bruce W. DeKock, Assignee
3		
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5		
In the abo	ove—entitled case, the following pa	dment Answer Cross Bill Other Pleading
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
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	ove—entitled case, the following de	ecision has been rendered or judgement issued:
DECISION/JUDGEMENT		
CLERK	I (RV)	DEPUTY CLERK DATE
	(61)	

Copy 1—Upon initiation of action, mail this copy to Director Copy 3—Upon termination of action, mail this copy to Director Copy 2—Upon filing document adding patent(s), mail this copy to Director Copy 4—Case file copy

<u> </u>	Paper No.:
ATE : 7-30-05	
O SPE OF : ART UNIT 3661	
SUBJECT : Request for Certificate of Correct	ction on Patent No.: 6785606
response is requested with respect to the a	accompanying request for a certificate of correction.
Please complete this form and return with	·
Palm location 7580, Certificates of Corre	
f response is for an IF <b>W, return to empl</b> MADRAS.	loyee (named below) via PUBSCofC Team in
Vith respect to the change(s) requested, cor	recting Office and/or Applicant's errors, should the rection (COCIN)? No new matter should be introduced, no model.
nould the scope of meaning of the Gains be Gra	Valerie Jackson
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hank You For Your Assistance	Certificates of Correction Branch  Tel. No. 703-308-9390 ext. 114
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The request for issuing the above-ider Note your decision on the appropriate box.  Approved  Approved in Part  Denied	Tel. No. 703-308-9390 ext. 114  Intified correction(s) is hereby:  All changes apply.  Specify below which changes do not apply.
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## SOLICITOR

## MAR 2 5 2009

AO 120 (Rev. 3/04j

Traffic Information, LLC

#### U.S. PATENT & TRADEMARK OFFICE

TO: Mail Stop 8
Director of the U.S. Patent and Trademark
Office
P.O. Box 1450
Alexandria, VA 22313-1450

REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK

Warshall Division

AT&T Mobility LLC, Research In Motion Corporation, Sony Ericsson

Mobile Communications (USA) Inc., Sprint Solutions, Inc., T-Mobile USA,

In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filled in the U.S. District Court for the Eastern District of Texas on the following ☐ Patents or ☐ Trademarks:

		Inc., CELLCO Partnership d/b/a Verizon Wireless, Volvo Cars of No America, LLC, and VOVDT Motors Limited Partnership d/b/a Volvo Dallas
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1 6,785,606	8/31/04	Traffic Information, LLC
2		•
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		☐ Amendment ☐ Answer ☐ Cross Bill ☐ Other Pleading
		☐ Amendment ☐ Answer ☐ Cross Bill ☐ Other Pleading
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
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In the a	bove-entitled case, the f	following decision has been rendered or judgement issued:
DECISION/JUDGEN	MENT	
CLERK	(BY) DEPU	JTY CLERK DATE

139