ASSIGNMENT RECORDATION FORM COVER SHEET Patents Only

	e Director of the Patent and Trademark Office: e record the attached original documents or copy thereof.	Attorney Dkt. No.: 018360/246754
1.	Name of conveying party(ies):	Name and address of receiving party(ies):
	Patrice Knut Pasturel Robert C. Rose	United Parcel Service of America, Inc. 55 Glenlake Parkway Atlanta, Georgia 30328
Addit	onal name(s) of conveying party(ics) attached? Yes No	
3.	Nature of conveyance:	
	Assignment Merger Security Agreement Change of Name Other Execution Date: July 17, 2003 and July 21, 2003	Additional name(s) & address(es) attached? Yes ☐ No ☑
4.	Application No. 10/426,008, filed April 29, 2003	Patent No.
	If this document is being filed together with a new applis: Additional numbers attached? Yes No No	ication, the execution date of the application
5.	Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:
	ALSTON & BIRD LLP Bank of America Plaza 101 South Tryon Street, Suite 4000 Charlotte, NC 28280-4000	
		7. Total fee (37 CFR 3.41) \$40.00 ☐ Enclosed ☐ Authorized to be charged to deposit account
		8. Deposit account number: 16-0605
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cop	9. Statement and signature: To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Name of Person Signing: W. Kevin Ransom Date	
	No. 45,031	
		Total number of pages including cover sheet, attachments, and document: 4
T01/4	502924v1	

PATENT REEL: 013838 FRAME: 0356

ASSIGNMENT - WORLDWIDE

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor has sold and assigned, and by these presents hereby sells and assigns, unto

United Parcel Service of America, Inc. 55 Glenlake Parkway Atlanta, GA 30328

its successors and assigns, the entire right, title and interest, so far as concerns the United States and the Territories and Possessions thereof and all foreign countries in and to the invention in "SYSTEMS AND METHODS FOR FAULT DETECTION AND EXCLUSION IN NAVIGATIONAL SYSTEMS"

as set forth in this United States Patent Application

executed concurrently herewith
executed on
Application No. 10/426.008; filed April 29, 2003
Application claims priority from Application No. , filed , all applications listed above being hereinafter referred to as the "application(s)";

said application for United States Letters Patent, including all divisional, renewal, substitute, continuation, nonprovisionals, continuation-in-parts, and Convention applications based in whole or in part upon said inventions or upon said applications, and any and all Letters Patent and reissues, reexaminations, and extensions of Letters Patent granted for said inventions or upon said applications and every priority right that is or may be predicated upon or arise from said inventions, said applications, and said Letters Patent; said Assignee being hereby authorized to file patent applications in any or all countries on any or all said inventions in the name of the undersigned or in the name of said Assignee or otherwise as said Assignee may deem advisable, under the International Convention or otherwise; the Commissioner of Patents and Trademarks of the United States of America being hereby authorized to issue or transfer all said Letters Patent to said Assignee in accordance herewith; this assignment being under covenant, not only that full power to make the same is had by the undersigned, but also that such assigned right is not encumbered by any grant, license, or other right theretofore given, and that the undersigned will do all acts reasonably serving to ensure that the said inventions, patent applications and Letters Patent shall be held and enjoyed by said Assignee as fully and entirely as the same could have been held and enjoyed by the undersigned if this assignment had not been made, and particularly to execute and deliver to said Assignee all lawful documents including petitions, specifications, oaths, assignments, invention disclaimers, declarations, and lawful affidavits in form and substance which may be requested by said Assignee, to furnish said Assignee with all facts relating to said inventions or the history thereof and any and all documents, photographs, models, samples or other physical exhibits which may embody said inventions, and to testify in any proceedings relating to said inventions, patent applications, and/or Letters Patent.

PATENT 18360/247957

REEL: 013838 FRAME: 0357

The undersigned hereby grant(s) an authorized representative of Assignee the power to insert in this Assignment any further identification that may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

Patrice Knut Pasturel

County of MARION

____, a Notary Public for said County and State, do hereby certify that Patrice Knut Pasturel personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this the _____2/ SI day of _

(Official Seal)

My commission expires MARCh 6, 2004

REEL: 013838 FRAME: 0358

The undersigned hereby grant(s) an authorized representative of Assignee the power to insert in this Assignment any further identification that may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

July 17, 2003

Kobul

Robert C. Rose

State of CALIFORNIA

County of ORANGE

I, JANICE C. LEE, a Notary Public for said County and State, do hereby certify that Robert C. Rose personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this the 17th day of July , 2003.

(Official Seal)

My commission expires 1/31/2006

Notary Public

CLT01/4597740v1

JANICE C. LEE
Commission # 1341928
Notary Public - California
Orange County
My Comm. Expires Jan 31, 2006

REEL: 013838 FRAME: 0359