FORM PTO-1595	RECORDATION FOI	RM COVER SHEET T AND TRADEMARK OF	U.S. DEPT. OF	COMMERCE
To the Honorable Commi	ssioner of Patents and Trademarks: Plea	se record the attached o	original documents or copy thereof.	
<u></u>	party(ies): United Parcel Service of America, Inc.		ss of recelving party(ies): UPS Aviation Technologies, Inc.	
Additional name(s) of cor ☐ Yes ☑ No	nveying party(les) attached?	Internal Address: Street Address:	: 2345 Turner Road SE	
3. Nature of Conveya	ince;			
☑ Assignment	☐ Merger	City:	Salem	
Security Agreement	☐ Change of Name	State:	Oregon	
□ Other:		Zip:	97302	
Execution Date:	8-22-03	Additional name((s) & address(es) attached? Yes	No
4. Application number	er(s) or patent number(s):			
	being filled together with a new application	on, the execution date of	the application is:	
A. Patent Applic	ation No.(s):	B. Patent No.(5):	5,586,084	
Additional n	numbers attached? ☐ Yes			
Name and address concerning document	is of party to whom correspondence int should be mailed:	· ·	pplications and patents involved:	
Name:	Legal - IP	7. Total fee (37 CFR	3.41)	\$ 40,00
	Garmin International, Inc.	☐ Enclosed ☑ Authorized	to be charged to deposit account	
Street Address:	1200 East 151st Street	8. Deposit Accoun	nt No.: 501-791	
City:	Ofathe		ate copy of this page if paying by depo	osit account)
State:	Kansas			
Zlp:	66062		<u> </u>	
DO N	OT USE THIS SPACE			
9. Statement and sign to the best of my document.	gnature. knowledge and belief, the foregoing infor	mation is true and correc	ct and any attached copy is a true co	ρy of the original
Name of person s	signing David L. Terrell	Signature	Date 10/25/20	006
			ments, and document: 5	

Mail documents to be recorded with required covier sheet information to:

Director of the United States Patents and Tradem ark Office, Mail Stop A ssignment Recordation Services
P.O. Box 1450, Alexandria, VA 22313-1450

<u>ASSIGNMENT</u>

WHEREAS, United Parcel Service of America, Inc., a corporation duly organized under the laws of the State of Delaware, and having its principal place of business at 55 Glenlake Parkway, NE, Atlanta, County of Fulton, and State of Georgia 30328, is the owner of the applications and issued Letters Patents shown on the attached Schedule Λ, and the inventions illustrated and described therein; and

WHEREAS, UPS Aviation Technologies, Inc., an Oregon corporation, having a place of business at 2345 Turner Road SE, Salem, Marion County, Oregon 97302, is desirous of acquiring the entire right, title and interest in, to, and under said invention, said applications, and any and all Letters Patent which may be granted for or upon said invention in the United States of America and all countries foreign thereto;

NOW, THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, including consideration previously transferred, the receipt and sufficiency of which is hereby acknowledged, United Parcel Service of America, Inc. has sold, assigned and transferred, and by these presents does hereby sell, assign and transfer unto said UPS Aviation Technologies, Inc., its successors and assigns, the full and exclusive right, title and interest, throughout the world, in, to and under said inventions as fully set forth and described in the documents listed in Schedule A attached hereto; in, to and under said applications; in, to and under any and all refilings, divisions and continuations of said applications; in, to and under said issued Letters Patents of the United States of America and any and all Letters Patents which may issue from said applications, refilings, divisions and continuations; in, to and under any and all reissues of said Letters Patent of the United States of America; in, to and under any and all applications for said Letters Patent upon said inventions which may hereafter be filed in any and all countries foreign to

the United States of America; in, to and under any and all refilings, divisions and continuations of said foreign-filed applications; in, to and under any and all Letters Patent of countries foreign to the United States of America, which may issue from the said foreign-filed applications, refilings, divisions and continuations; and in, to and under any and all extensions of, and additions to, said Letters Patent of countries foreign to the United States of America, the same to be held and enjoyed by said UPS Aviation Technologies, Inc., for its own use and behoof, and for its successors, legal representatives and assigns, to the full end of the term for which said Letters Patent may be granted, and United Parcel Service of America, Inc. does hereby authorize and request the Commissioner of Patents to issue the said Letters Patent in accordance with this assignment.

EXECUTED this 22nd day of August, 2003.

United	Parcel	Service	of An	петіса,	Inc.
C 233 1 7 7-					

Assistant Secretary

STATE OF GEORGIA) ss. COUNTY OF FULTON

On this 22xd day of August, 2003, before me appeared Cathy A. Harper, to me personally known, who by me was duly sworn, and acknowledged that she is the Assistant Secretary of United Parcel Service of America, Inc., and that she executed the foregoing Agreement on behalf of United Parcel Service of America, Inc.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official scal at my office in Allanta, Georgia, the day and year above written.

muscela Hollingsworth

REEL: 018433 FRAME: 0559

SCHEDULE A

Country	Title	Appln. No.	Filing Date	Patent No.	Issue Date
US	Integrated Datalinks in a Surveillance Receiver	09/981,677	10-17-2001	6,545,631	04-08-2003
US	Low Power, High Accuracy Magnetometer and Magnetic Field Strength Measurement Method	07/388,579	07-31-1989	5,091,697	02-25-1992
US	Electronic Flux Gate Compass Calibration Technique	07/604,220	10-29-1990	5,165,269	11-24-1992
US	Current Sensor Assembly and Method	07/556,664	07-23-1990	5,172,052	12-15-1992
US	Numerically-Controlled Modulated Oscillator and Modulation Method	07/916,190	07-17-1992	5,329,260	07-12-1994
US	Electronic Device Enclosure	08/096,605	07-22-1993	5,386,084	01-31-1995
US	Method and Apparatus for Symbol Synchronization in Multiple-Level Digital FM Radio	08/157,996	11-24-1993	5,586,150	12-17-1996
US	Detection and Removal of Self-Alerts in a Tracking System	09/892,597	06-28-2001	6,594,578	07-15-2003
US	ADS-B and TIS Target Correlation	09/873,969	06-04-2001	6,542,810	04-01-2003
US	Displaying Target Icons Correlated to Target Data Quality	09/835,091	04-13-2001	6,469,660	10-22-2002
US	Positional Accuracy in GPS (Determine HFOM Using Adaptive Calculation Based on HAL)	09/790,251	02-21-2001	6,466,846	10-15-2002
US	Method for Determining Conflicting Paths Between Mobile Airborne Vehicles and Associated System and Computer Software	09/901,415	07-09-2001	6,564,149	05-13-2003
US	Very High Frequency Omni- Directional Range Signal Strength Computation & Phase Averaging	09/736,473	12-13-2000	6,437,739	08-20-2002

Country	Title	Appln. No.	Filing Date	Patent No.	Issue Date
US	Selectable Range Ring for an ADS-B CDTI Cockpit	09/798,615	03-02-2001	6,473,003	10-29-2002
	Display			 _	
US	ADS-B and TIS Target	10/361,305	02-10-2003		1
	Correlation			L 701	1 P.
US	Systems and Methods for	10/277,769	10-22-2002	702 3 2023	40_
	Correlation of an ADS-B			7	00/
	Target and a TCAS Intruder			\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	1 B
	in an Air Traffic Control			1 Supply of	
	System	-17-47		L 'XV'	
US	Systems and Methods for	10/426,008	04 - 29-2003		1
	Early Fault Detection and				
	Delayed Exclusion in				
	Global Positioning System				
	Navigational Systems				
US	Receiver-Autonomous	10/016,511	12-10-2001		
	Vertical Integrity				
	Monitoring				-11.
US	Systems and Methods for	10/146,624	05-14 - 2002		
	Controlling Brightness of an				
	Avionics Display				<u> </u>
US	Uninterruptable ADS-B	10/251,220	09-19-2002		
	System for Aircraft				
	Tracking		- 0 0 0 0 0 0 0 1	<u> </u>	·-
US	Pilot Programmable	10/033,299	10-25-2001		
	Altitude Range Filter	- 0.4000 00.4			
<u>US</u>	Graphics Closure Indicator	10/029,094	10-25-2001		
US	Bit Detection Threshold in a	09/892,166	06-26-2001		
	TDMA Burst				
· -	Communication System	D = = = = = = = = = = = = = = = = = = =		 	·-
PCT	Systems and Methods for	PCT/US03/1	05-02-2003		
	Controlling Brightness of an	3875			
	Avionics Display	- Comparison (2)	11 10 2002		
PCT	Systems and Methods for	PCT/US02/3	11-19-2002		
	Correlation of an ADS-B	7165			
	Target and a TCAS Intruder				
	in an Air Traffic Control				
	System	P (377) (1 Y 0 0 0 Y 0	00.20.2002		
PCT	Uninterruptable ADS-B	PCT/US02/2	09-20-2002		
	System for Aircraft	9945			
	Tracking		J_ <u></u>	J ,	_l

Attorney Docket No.

	ON FORM COVER SHEET U.S. DEPT. OF COMMERCE PATENT AND TRADEMARK OFFICE
To the Honorable Commissioner of Patents and Trademark	ks: Please record the attached original documents or copy thereof.
Name of conveying party(ies): UPS Aviation Technologies, Inc.	Name and address of receiving party(ies): Name: Garmin AT, Inc.
Additional name(s) of conveying party(ies) attached? ☐ Yes ☑ No	Internal Address: Street Address: 2345 Turner Road SE
3. Nature of Conveyance:	
☐ Assignment ☐ Merger	City: Salem
☐ Security Agreement 图 Change of Name	State: Oregon
□ Other:	Zip: 97302
Execution Date: 8-25-03	Additional name(s) & address(es) attached? ☐ Yes ☑ No
4. Application number(s) or patent number(s):	
lf thiş document is being f iled together with a new ap	pplication, the execution date of the application is:
A. Patent Application No.(s):	B. Patent No.(s): 5,586,150
Additional numbers attached? Yes	<u> </u>
 Name and address of party to whom correspondence concerning document should be mailed: 	
Name: Legal - IP	
Internal Address: Garmin International, Inc.	☐ Enclosed ☑ Authorized to be charged to deposit account
Street Address: 1200 East 151st Street	8. Deposit Account No.: 501-791
City: Olathe	(Attach duplicate copy of this page if paying by deposit account)
State: Kansas	(Attach duplicate copy of this page if paying by deposit observing
Zip: 66062	
DO NOT USE THIS SPACE	
Statement and signature.	
To the best of my knowledge and belief, the foregoin document.	ng information is true and correct and any attached copy is a true copy of the original
Name of person signing Davld L. Terrell	Signature Date 10/25/06
	es Including cover sheet, attachments, and document: 3

Mall documents to be recorded with required cov or sheet information to:

Director of the United States Patents and Tradem ark Office, Mail Stop A ssignment Recordation Serv ices
P.O. Box 1450, Alexandria, VA 22313-1450

CERTIFICATE

State of Oregon

OFFICE OF THE SECRETARY OF STATE
Corporation Division

I, BILL BRADBURY, Secretary of State of Oregon, and Custodian of the Seal of said State, do hereby certify:

That the attached copy of the

Articles of

Amendment

filed on

August 25, 2003

for

UPS AVIATION TECHNOLOGIES, INC.

changing the name to

GARMIN AT, INC.

is a true copy of the original document that has been filed with this office.



In Testimony Whereof, I have hereunto set my hand and affixed hereto the Seal of the State of Oregon.

BILL BRADBURY, Secretary of State

By

Heather S. Davis

August 25, 2003

PATENT

03 MON 10 17 FAX 913 197 8029

GARNIN LEGAL





REGISTRY NUMBER:

Phane: (503) 986-2200 Fax: (503) 378-4381

Articles of Amendment—Business/Professional/Nonprofit

Secretary of State Corporation Division 255 Capitol St. NE, Suite 151 Salem, OR 97310-1327 FilingInÖregon,com

159212-16

Check the appropriate box below: BUSINESS/FROFESSIONAL CORPORATION (Complete only 1, 2, 5, 4, 6, 7)

■ NONPROFIT CORPORATION

(Complete only 1, 2, 3, 5, 6, 7)

FILED

AUG 25 2003

OREGON SECRETARY OF STATE

Įn We	keeping with Oregon Statute 192.410-192.595, the information on the a s must release this information to all parties upon request and it may be p	pptication is public record. Por office use only posted on our website.
	ease Type or Print Legibly in Black link.	
1)	NAME OF CORPORATION PRIOR TO AMENDMENT: UPS Aviation	Technologies, Inc.
2)	STATE THE ARTICLE NUMBER(S) AND SET FORTH THE ARTICLE(S) AS I Article 1 of the Amended and Restated Articles of I. "The name of the corporation is Garmin AT, Inc."	TIS AMENDED TO READ. (Attach a soporate sheet if nacessary.)
3)	THE AMENDMENT WAS ADOPTED ON: August 22, 2003 (if more than one amendment was adopted, identify the date of adoption of each	
4)	BUSINESS/PROFESSIONAL CORPORATION ONLY CHECK THE APPROPRIATE STATEMENT Shareholder action was required to adopt the amendment(s). The vote was as follows:	Nonprofit Corporation Only 5) Check this Appropriate Statement Membership approval was not required. The amendment(s) was approved by a sufficient value of the board of directors or incorporators.
	Clairs of Number of Number of Number of Number of Votes online of Votes online cast Votes cost Vote	Membership approval was required. The membership vote was as follows:

counon	100	100	100	0	
Shareh	older action w	as not required	to adopt the	amendment(s)	ا.
	vandment(s) w	as adopted by	the board of t	directors withou	آعی

	shareholder action.
_	The corporation has not issued any shares of stock. Shareholde action was not required to adopt the amendment(s). The amendment(s) was adopted by the incorporators or by the board of directors.

Ciopp(es) Ciopp(es)	lo teamun montene elev et botishe	Number of vetes omitiad to be cast	Number of votes exect FDR	Momest of AGAINST
		<u>-</u>		

6)	EXECUTION
	Frinted Name

shores

Signature

Title

Andrew R. Etkind

General Counsel & Secretary

CONTACT NAME (To resolve quastions with this filing.)

ahares eutstanaing

DAYTIME PHONE NUMBER (Include sics code.)

Andrew R. Etkind

(913) 440-1212

FEES

Required Processing Fee

Processing Fees are nonreluidable

Please theke check payable to "Corporation Division."

Fees may be paid will VISA or MasiarCard. The card number and expirátion date should be submitted on a separtie sheet for your protection

113 (Rev. 6/02)

PATENT

REEL: 018433 FRAME: 0564



GARMIN INTERNATIONAL, INC. • 1200 E. 151st Street • OLATHE, KS. 66062 USA • TEL. (913) 397-8200 • FAX (913) 397-9079

TO: USPTO

FAX #: (571) 273-0140 FROM: David L. Terrell

Garmin International, Inc. (E-mail: patents@garmin.com)

DATE:

FACSIMILE COVER SHEET (Page 1 of 10)

Re: Correction of Assignment for

Application of:

BALASUBRAMANIAM, RAJUPANDARAM K. Atty. Dkt. No. 702.313

 Serial No.
 08/157,996
 Patent No.: 5,586,150

 Filed:
 11/24/1993
 Granted: 12/17/1996

Attached is a Request for a Corrected Assignment in connection with the above-referenced patent. The Commissioner is hereby authorized to charge any fee which may be due, or credit any overpayment, to Deposit Account No. 501-791.

The information contained in this facsimile transmission is confidential and intended only for the use of the named addressee. If the reader of this message is not the intended recipient, you are hereby notified that any dissemination, distribution or copying of this communication is strictly prohibited. If you have received this communication in error, please call the sender immediately at (913) 397-8200 and return the original message to us at the above address via mail. You will be reimbursed for the cost of the call and postage. Thank you.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of:

Attorney Docket No.: BALASUBRAMANIAM, RAJUPANDARAM K.) 702.313

Serial No.: 08/157,996

Patent No.: 5,586,150 Filed: November 24, 1993

METHOD AND APPARATUS FOR SYMBOL SYNCHRONIZATION IN MUTLI-LEVEL

Granted: December 17, 1996 DIGITAL FM RADIO

Mail Stop Assignment Recordation Services Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

CORRECTION OF RECORDED COVER SHEET ERROR (37 CFR 3.34)

Applicant has noted an error in the cover sheets for the Assignment previously recorded on August 28, 2003 (Reel/Frame 013922/0943) and the Change of Name recorded on September 4, 2003 (Reel/Frame 013933/0834).

Attached hereto are copies of the originally recorded documents and corrected cover sheets for recordation. The errors in the originally recorded cover sheets are apparent because the originally recorded assignment refers to U.S. Patent No. 5,586,150, among others, while the originally recorded cover sheets refer to U.S. Patent No. 5,386,150, among others.

The recording fees are shown in the corrected cover sheets filed herewith. Payment of these fees is in the manner set forth in the corrected cover sheets. Any additional fee which is due in connection with this amendment should be applied against our Deposit Account No. 501-791.

Respectfully submitted,

David L. Terrell, Reg. No. 50,576

Garmin International, Inc. 1200 East 151st Street

Olathe, KS 66062 (913) 397-8200

By:

(913) 397-9079 (Fax)

PATENT **RECORDED: 10/25/2006 REEL: 018433 FRAME: 0566**