Form PTO-1595 (Rev. 03-09)

INT OF COMMERCE

OMB No. 0651-0027 (exp. 03/31/2009)	00-21-2009 <u>Int and Trademark Office</u>
RECORDATION PATE	
To the Director of the U.S. Patent and Trademark Office: Picas	103561594 address(es) below.
1. Name of conveying party(ies)	2. Name and address of receiving party(ies)
Wallace Vander Velde, John Cafarella, Huan-Wan Tseng, George Dimos, Triveni Upadhyay, Jianhui Luo	Name: Mayflower Communications Company, Inc. Internal Address:
Additional name(s) of conveying party(ies) attached? Yes X No	
3. Nature of conveyance/Execution Date(s): Execution Date(s) 6 May, 2009; 11 May 2009 Morgan	Street Address: 20 Burlington Mall Road
	City: Burlington
Joint Research Agreement	State: Massachusetts
Government Interest Assignment Executive Order 9424, Confirmatory License	Country: USA Zip: 01803
Other	Additional name(s) & address(es) attached? Yes X No
. Additional numbers at	tached? Yes No
5. Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: ONE
Name: Mayflower Communications Company, Inc.	7. Total fee (37 CFR 1.21(h) & 3.41) \$240
Internal Address: Attn: Kaplesh Kumar Street Address: 20 Burlington Mall Road	Authorized to be charged to deposit account Enclosed None required (government interest not affecting title)
City: Burlington	8. Payment Information
State: Massachusetts Zip: 01803	
Phone Number: (781) 359-9500 ext. 286	
Fax Number: (781) 359-9744	Deposit Account Number
Email Address: kumar@mayflowercom.com	Authorized User Name
9. Signature: Karm L	is May 2009
Signature ' Kablesh Kumar Name of Person Signing	Total number of pages including cover sheet, attachments, and documents:

Documents to be recorded (including cover sheet) should be faxed to (671) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

00000074 12474306 05/18/2009 CCHAU1

06 FC:8021

240.00 OP

Name of Person Signing

PATENT

REEL: 022736 FRAME: 0539

In consideration of One U.S. dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, I, Wallace Vander Velde, of Winchester, Massachusetts, hereby assign to the MAYFLOWER COMMUNICATIONS COMPANY, INC., a Massachusetts corporation having a principal place of business at 20 Burlington Mall Road, Burlington, Massachusetts 01803, its successors and assigns, the entire right, title, and interest, including all rights of patent and any other intellectual property in all works associated therewith, along with the right to claim priority under international convention(s), throughout the United States and its territories,

and all foreign countries, in and to my invention in ANTIJAM PROTECTED GPS-BASED MEASUREMENT OF ROLL RATE AND ROLL ANGLE OF SPINNING PLATFORMS thereon, and all divisions, reissues, and continuations there And I hereby covenant that I have full right to make such assignment, and agree for myself and my executors and administrators that I will, at the expense of MAYFLOWER COMMUNICATIONS COMPANY, INC., its successors and assigns, execute all applications for patents in foreign countries, execute all divisional, continuing, reissue, and reexamination applications, make all rightful oaths, sign all lawful papers, testify in any proceeding in which said invention or any application or patent directed thereto may be involved, and generally do everything possible to aid said MAYFLOWER COMMUNICATIONS COMPANY, INC., its successors and assigns, to obtain and enforce proper patent and any other intellectual property protection for said invention in the United States and its territories, and all foreign countries. And I hereby request the Director of the United States Patent and Trademark Office to issue all Letters Patent on said invention or resulting therefrom to MAYFLOWER COMMUNICATIONS COMPANY, INC., its successors and assigns. Executed by me this 6th day of May, 2009 at MAYFLOWER COMMUNICATIONS COMPANY, INC., 20 Burlington Mall Road, MA 01803. COMMONWEALTH OF MASSACHUSETTS

County of Middlesex ss:

On this ____ day of May, 2009, before me, the undersigned Notary Public, personally appeared Wallace Vander Velde, proved to me through satisfactory evidence of identification, which was Deves Licose _____, to be the person whose name is signed above, and acknowledged to me that he signed it voluntarily for the stated purposes.

My Commission expires

PATENT REEL: 022736 FRAME: 0540

In consideration of One U.S. dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, I, John Cafarella, of Swampscott, Massachusetts, hereby assign to the MAYFLOWER COMMUNICATIONS COMPANY, INC., a Massachusetts corporation having a principal place of business at 20 Burlington Mall Road, Burlington, Massachusetts 01803, its successors and assigns, the entire right, title, and interest, including all rights of patent and any other intellectual property in all works associated therewith, along with the right to claim priority under international convention(s), throughout the United States and its territories, and all foreign countries, in and to my invention in

ANTIJAM PROTECTED GPS-BASED MEASUREMENT OF ROLL RATE AND ROLL ANGLE OF SPINNING PLATFORMS thereon, and all divisions, reissues, and continuations thereof.

And I hereby covenant that I have full right to make such assignment, and agree for myself and my executors and administrators that I will, at the expense of MAYFLOWER COMMUNICATIONS COMPANY, INC., its successors and assigns, execute all applications for patents in foreign countries, execute all divisional, continuing, reissue, and reexamination applications, make all rightful oaths, sign all lawful papers, testify in any proceeding in which said invention or any application or patent directed thereto may be involved, and generally do everything possible to aid said MAYFLOWER COMMUNICATIONS COMPANY, INC., its successors and assigns, to obtain and enforce proper patent and any other intellectual property protection for said invention in the United Statesand its territories, and all foreign countries.

And I hereby request the Director of the United States Patent and Trademark Office to issue all Letters Patent on said invention or resulting therefrom to MAYFLOWER COMMUNICATIONS COMPANY, INC., its successors and

Executed by me this ____ day of May, 2009 at MAYFLOWER COMMUNICATIONS COMPANY, INC., 20 Burlington Mall Road, MA 01803.

COMMONWEALTH OF MASSACHUSETTS

County of Middlesex ss:

On this 6 day of May, 2009, before me, the undersigned Notary Public, personally appeared John Cafarella, _____ to be the person whose name is signed above, and acknowledged to me that he signed it voluntarily for the stated purposes.

My Commission expires:

PATENT

REEL: 022736 FRAME: 0541

In consideration of One U.S. dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, I, Huan-Wan Tseng, of Westford, Massachusetts, hereby assign to the MAYFLOWER COMMUNICATIONS COMPANY, INC., a Massachusetts corporation having a principal place of business at 20 Burlington Mall Road, Burlington, Massachusetts 01803, its successors and assigns, the entire right, title, and interest, including all rights of patent and any other intellectual property in all works associated therewith, along with the right to claim priority under international convention(s), throughout the United States and its territories, and all foreign countries, in and to my invention in

ANTIJAM PROTECTED GPS-BASED MEASUREMENT OF ROLL RATE AND ROLL ANGLE OF SPINNING PLATFORMS and the application executed by me for said invention on $\frac{05/06/2609}{}$, and such patents as may issue thereon, and all divisions, reissues, and continuations thereof.

And I hereby covenant that I have full right to make such assignment, and agree for myself and my executors and administrators that I will, at the expense of MAYFLOWER COMMUNICATIONS COMPANY, INC., its successors and assigns, execute all applications for patents in foreign countries, execute all divisional, continuing, reissue, and reexamination applications, make all rightful oaths, sign all lawful papers, testify in any proceeding in which said invention or any application or patent directed thereto may be involved, and generally do everything possible to aid said MAYFLOWER COMMUNICATIONS COMPANY, INC., its successors and assigns, to obtain and enforce proper patent and any other intellectual property protection for said invention in the United States and its territories, and all foreign countries.

And I hereby request the Director of the United States Patent and Trademark Office to issue all Letters Patent on said invention or resulting therefrom to MAYFLOWER COMMUNICATIONS COMPANY, INC., its successors and assigns.

Executed by me this 6th day of May, 2009 at MAYFLOWER COMMUNICATIONS COMPANY, INC., 20 Burlington Mall Road, MA 01803.

Huan-Wan Tseng

COMMONWEALTH OF MASSACHUSETTS

County of Middlesex ss:

On this <u>\(\text{day} \) day of May, 2009, before me, the undersigned Notary Public, personally appeared Huan-Wan Tseng, proved to me through satisfactory evidence of identification, which was <u>\(\text{Cic} \) \(\text{Cic} \</u></u>

Mame: Nicholas & Francisco My Commission expires October &

(Seal)

PATENT REEL: 022736 FRAME: 0542

In consideration of One U.S. dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, I, George Dimos, of Lexington, Massachusetts, hereby assign to the MAYFLOWER COMMUNICATIONS COMPANY, INC., a Massachusetts corporation having a principal place of business at 20 Burlington Mall Road, Burlington, Massachusetts 01803, its successors and assigns, the entire right, title, and interest, including all rights of patent and any other intellectual property in all works associated therewith, along with the right to claim priority under international convention(s), throughout the United States and its territories, and all foreign countries, in and to my invention in

and the application executed by me for said invention on _______ and such patents as may issue thereon, and all divisions, reissues, and continuations thereof.

And I hereby covenant that I have full right to make such assignment, and agree for myself and my executors and administrators that I will, at the expense of MAYFLOWER COMMUNICATIONS COMPANY, INC., its successors and assigns, execute all applications for patents in foreign countries, execute all divisional, continuing, reissue, and reexamination applications, make all rightful oaths, sign all lawful papers, testify in any proceeding in which said invention or any application or patent directed thereto may be involved, and generally do everything possible to aid said MAYFLOWER COMMUNICATIONS COMPANY, INC., its successors and assigns, to obtain and enforce proper patent and any other intellectual property protection for said invention in the United States and its territories, and all foreign countries.

And I hereby request the Director of the United States Patent and Trademark Office to issue all Letters Patent on said invention or resulting therefrom to MAYFLOWER COMMUNICATIONS COMPANY, INC., its successors and assigns.

Executed by me this day of May, 2009 at MAYFLOWER COMMUNICATIONS COMPANY, INC., 20 Burlington Mall Road, MA 01803.

George Dimos d

COMMONWEALTH OF MASSACHUSETTS

County of Middlesex ss:

On this _____ day of May, 2009, before me, the undersigned Notary Public, personally appeared George Dimos, proved to me through satisfactory evidence of identification, which was ______ to be the person whose name is signed above, and acknowledged to me that he signed it voluntarily for the stated purposes.

My Commission expires

(lea2)

PATENT REEL: 022736 FRAME: 0543

In consideration of One U.S. dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, I, Triveni Upadhyay, of Concord, Massachusetts, hereby assign to the MAYFLOWER COMMUNICATIONS COMPANY, INC., a Massachusetts corporation having a principal place of business at 20 Burlington Mall Road, Burlington, Massachusetts 01803, its successors and assigns, the entire right, title, and interest, including all rights of patent and any other intellectual property in all works associated therewith, along with the right to claim priority under international convention(s), throughout the United States and its territories, and all foreign countries, in and to my invention in

ANTIJAM PROTECTED GPS-BASED MEASUREMENT OF ROLL RATE AND ROLL ANGLE OF SPINNING PLATFORMS

and the application executed by me for said invention on 11 May 2009, and such patents as may issue thereon, and all divisions, reissues, and continuations thereof.

And I hereby covenant that I have full right to make such assignment, and agree for myself and my executors and administrators that I will, at the expense of MAYFLOWER COMMUNICATIONS COMPANY, INC., its successors and assigns, execute all applications for patents in foreign countries, execute all divisional, continuing, reissue, and reexamination applications, make all rightful oaths, sign all lawful papers, testify in any proceeding in which said invention or any application or patent directed thereto may be involved, and generally do everything possible to aid said MAYFLOWER COMMUNICATIONS COMPANY, INC., its successors and assigns, to obtain and enforce proper patent and any other intellectual property protection for said invention in the United States and its territories, and all foreign countries.

And I hereby request the Director of the United States Patent and Trademark Office to issue all Letters Patent on said invention or resulting therefrom to MAYFLOWER COMMUNICATIONS COMPANY, INC., its successors and assigns.

Executed by me this ______ day of May, 2009 at MAYFLOWER COMMUNICATIONS COMPANY, INC., 20 Burlington Mail Road, MA 01803.

Triveni Upadhyay

COMMONWEALTH OF MASSACHUSETTS

County of Middlesex ss:

My Commission expires

(Seal)

JULIA A. SOLARTE
Notary Public
COMMONWEALTH OF MASSACHUSETTS
My Commission Expires
March 11, 2016

PATENT

REEL: 022736 FRAME: 0544

In consideration of One U.S. dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, I, Jianhui Luo, of Westborough, Massachusetts, hereby assign to the MAYFLOWER COMMUNICATIONS COMPANY, INC., a Massachusetts corporation having a principal place of business at 20 Burlington Mall Road, Burlington, Massachusetts 01803, its successors and assigns, the entire right, title, and interest, including all rights of patent and any other intellectual property in all works associated therewith, along with the right to claim priority under international convention(s), throughout the United States and its territories, and all foreign countries, in and to my invention in

ANTIJAM PROTECTED GPS-BASED MEASUREMENT OF ROLL RATE AND ROLL ANGLE OF SPINNING PLATFORMS

and the application executed by me for said invention on 05/06/2009 and such patents as may issue thereon, and all divisions, reissues, and continuations thereof.

And I hereby covenant that I have full right to make such assignment, and agree for myself and my executors and administrators that I will, at the expense of MAYFLOWER COMMUNICATIONS COMPANY, INC., its successors and assigns, execute all applications for patents in foreign countries, execute all divisional, continuing, reissue, and reexamination applications, make all rightful oaths, sign all lawful papers, testify in any proceeding in which said invention or any application or patent directed thereto may be involved, and generally do everything possible to aid said MAYFLOWER COMMUNICATIONS COMPANY, INC., its successors and assigns, to obtain and enforce proper patent and any other intellectual property protection for said invention in the United States and its territories, and all foreign countries.

And I hereby request the Director of the United States Patent and Trademark Office to issue all Letters Patent on said invention or resulting therefrom to MAYFLOWER COMMUNICATIONS COMPANY, INC., its successors and assigns.

Executed by me this 6 day of May, 2009 at MAYFLOWER COMMUNICATIONS COMPANY, INC., 20 Burlington Mail Road, MA 01803.

Jianhui Luo

COMMONWEALTH OF MASSACHUSETTS

County of Middlesex ss:

On this ______ day of May, 2009, before me, the undersigned Notary Public, personally appeared Jianhui Luo, proved to me through satisfactory evidence of identification, which was _______ to be the person whose name is signed above, and acknowledged to me that he signed it voluntarily for the stated purposes.

Mame: Alicholus to Ferry 2015

My Commission expires October 15, 2015

(Seal)

PATENT REEL: 022736 FRAME: 0545

RECORDED: 05/15/2009