

# PATENT ASSIGNMENT

Electronic Version v1.1  
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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT												
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT												
<b>CONVEYING PARTY DATA</b>													
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Mariam Sorond</td> <td>11/10/2008</td> </tr> <tr> <td>Peter Corea</td> <td>11/10/2008</td> </tr> <tr> <td>Doug Hyslop</td> <td>11/10/2008</td> </tr> <tr> <td>Tom Peters</td> <td>11/10/2008</td> </tr> </tbody> </table>		Name	Execution Date	Mariam Sorond	11/10/2008	Peter Corea	11/10/2008	Doug Hyslop	11/10/2008	Tom Peters	11/10/2008		
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<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>ICO Satellite Services, G.P.</td> </tr> <tr> <td>Street Address:</td> <td>11700 Plaza America Drive</td> </tr> <tr> <td>Internal Address:</td> <td>Suite 1010</td> </tr> <tr> <td>City:</td> <td>Reston</td> </tr> <tr> <td>State/Country:</td> <td>VIRGINIA</td> </tr> <tr> <td>Postal Code:</td> <td>20190</td> </tr> </table>		Name:	ICO Satellite Services, G.P.	Street Address:	11700 Plaza America Drive	Internal Address:	Suite 1010	City:	Reston	State/Country:	VIRGINIA	Postal Code:	20190
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<b>PROPERTY NUMBERS Total: 1</b>													
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<b>CORRESPONDENCE DATA</b>													
<p>Fax Number: (202)942-7899  <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: (202) 842-7800        Email: mharris@cooley.com        Correspondent Name: Cooley LLP        Address Line 1: 777 6th Street, N.W.        Address Line 2: Suite 1100        Address Line 4: Washington, DISTRICT OF COLUMBIA 20001</p>													
<b>NAME OF SUBMITTER:</b>	David W. Hopkins												
<p>Total Attachments: 6          source=ICOG00301US-asn1#page1.tif</p>													

CH \$40.00 13105279

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**PATENT**  
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## ASSIGNMENT

**Mariam Sorond**, residing at 11422 Heritage Oak Ct., Reston, VA 20194; **Peter Corea**, residing at 4626 Latrobe Place, Alexandria, VA 22311; **Doug Hyslop**, residing at 10303 Vale Road, Vienna, VA 22181; and **Tom Peters**, residing at 6534 El Nido Drive, McLean, VA 22101 (each referred to as "Assignor") have made an invention(s) (the "Invention(s)") set forth in an application for patent of the United States, entitled **ASYMMETRIC TDD IN FLEXIBLE USE SPECTRUM**, and which is a:

- (1) ☐ provisional application
  - (a) ☐ to be filed herewith; or
  - (b) ☐ bearing Application No. , and filed on ; or
- (2) ☒ non-provisional application
  - (a) ☐ to be filed herewith; or
  - (b) ☒ bearing Application No. 12/270,946, and filed on November 14, 2008.

**WHEREAS, ICO Satellite Services, G.P.**, a general partnership, organized under and pursuant to the laws of **Deleware**, and having its principal place of business at **11700 Plaza America Drive, Suite 1010, Reston, Virginia 20190** (the "Assignee"), is desirous of acquiring the entire right, title, and interest in: the Invention; the application for patent identified in paragraph (1) or (2); the right to file applications for patent of the United States or other countries on the Invention; any application for patent of the United States or other countries claiming priority to these application; any provisional or other right to recover damages, including royalties, for prior infringements of these applications; and any patent of the United States or other countries that may be granted therefor or thereon.

**NOW, THEREFORE**, for good and sufficient consideration, the receipt of which is hereby acknowledged, and to the extent that the Assignor has not done so already via a prior agreement with the Assignee, or if the Assignor has already done so via a prior agreement with the Assignee then in confirmation of any obligation to do so in said prior agreement, the Assignor has sold, assigned, transferred, and set over, and by these presents does sell, assign, transfer, and set over, unto the Assignee, its successors, legal representatives, and assigns, the Assignor's entire right, title, and interest in:

- (a) the Invention(s);
- (b) the application for patent identified in paragraph (1) or (2);
- (c) the right to file applications for patent of the United States or other countries on the Invention(s), including all rights under the Paris Convention for the Protection of Industrial Property and under the Patent Cooperation Treaty;
- (d) any application(s) for patent of the United States or other countries claiming the Invention(s);
- (e) any application(s) for patent of the United States or other countries claiming priority to the application for patent identified in paragraph (1) or (2) or any

(f) any provisional or other right to recover damages, including royalties, for prior infringements of any application for patent identified in the preceding paragraphs (b)-(e); and

(g) any patent(s) of the United States or other countries that may be granted for or on any application for patent identified in the preceding paragraphs (b) – (e), including any reissue(s) and extension(s) of said patent(s).

The above-granted rights, titles, and interests are to be held and enjoyed by the Assignee, for its own use and behalf and the use and behalf of its successors, legal representatives, and assigns, as fully and entirely as the same would have been held and enjoyed by the Assignor had this sale and assignment not been made.

The Assignor hereby represents to the Assignee, its successors, legal representatives, and assigns, that, at the time of execution and delivery of these presents, or if applicable, at such time said prior agreement was executed, the Assignor is a lawful owner of an undivided interest in the entire right, title, and interest in and to the Invention(s), that the Invention(s) are unencumbered, except, if applicable, by obligation to assign in accordance with said prior agreement, and that the Assignor has good and full right and lawful authority to sell and convey the same in the manner set forth herein.

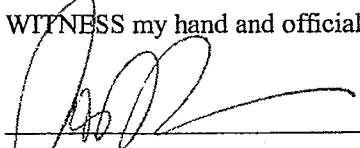
The Assignor hereby covenants and agrees to and with the Assignee, its successors, legal representatives, and assigns, that the Assignor will sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done in connection with any and all proceedings for the procurement, maintenance, enforcement and defense of the Invention(s), said applications, and said patents, including interference proceedings, without charge to the Assignee, its successors, legal representatives, and assigns, but at the cost and expense of the Assignee, its successors, legal representatives, and assigns.

The Assignor hereby authorizes and requests the attorneys of COOLEY GODWARD KRONISH LLP to insert in the spaces provided above the filing date, the application number, and the attorney docket number of the application identified in paragraph (1) or (2) when known.

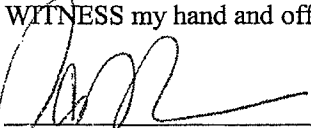
The Assignor hereby requests the Commissioner of Patents to issue said patents of the United States to the Assignee for the sole use and behalf of the Assignee, its successors, legal representatives, and assigns.

Date: 11/10/08

By: Mariam Sorond  
Mariam Sorond

State of <u>Virginia</u>	}	ss.
County of <u>Fairfax</u>		
On <u>Nov. 10, 2008</u> , before me, <u>Patricia A. Lamm</u> , Notary Public, personally appeared <u>Mariam Sorond</u> , personally known to me or proved to me on the basis of satisfactory evidence, to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.		
WITNESS my hand and official seal.		
		
Signature of Notary Public		
VA Notary Reg # <u>354970</u>		
My Commission Expires: <u>June 30, 2009</u>		
Place Notary Seal Above		
My Commission Expires: June 30, 2009		

Date: 11/10/08By: Peter Corea  
Peter Corea

State of <u>Virginia</u>	}	ss.
County of <u>Fairfax</u>		
On <u>Nov-10, 2008</u> , before me, <u>Patricia A Lamm</u> , Notary Public, personally appeared <u>Peter Corea</u> , personally known to me or proved to me on the basis of satisfactory evidence, to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.		
WITNESS my hand and official seal.		
		My Commission Expires <u>June 30, 2009</u>
Signature of Notary Public <u>VA Notary Reg # 354970</u>		Place Notary Seal Above
My Commission Expires: <u>June 30, 2009</u>		

Date: 11/10/08

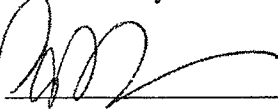
By: 

Doug Hyslop

State of Virginia )  
County of Fairfax ) ss.

On Nov. 10, 2008, before me, Patricia A. Lamm, Notary Public, personally appeared Doug Hyslop, personally known to me or proved to me on the basis of satisfactory evidence, to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.



Signature of Notary Public

My Commission Expires  
June 30, 2009

Place Notary Seal Above

VA Notary Reg # 354970

My Commission Expires: June 30, 2009

Date: 11/10/08By: 

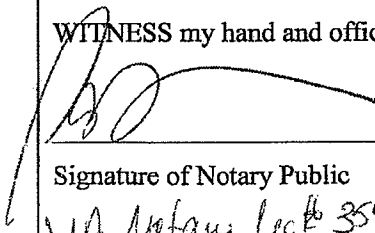
Tom Peters

State of Virginia )County of Fairfax )

ss.

On Nov. 10, 2008, before me, Patricia A. Lamm, Notary Public, personally appeared Tom Peters, personally known to me or proved to me on the basis of satisfactory evidence, to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

  
Signature of Notary PublicVA Notary Reg # 354970My Commission Expires  
June 30, 2009

Place Notary Seal Above

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