

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Denis Molin</td> <td>11/15/2012</td> </tr> <tr> <td>Pierre Sillard</td> <td>11/15/2012</td> </tr> <tr> <td>Marianne Bigot-Astrue</td> <td>11/15/2012</td> </tr> </tbody> </table>		Name	Execution Date	Denis Molin	11/15/2012	Pierre Sillard	11/15/2012	Marianne Bigot-Astrue	11/15/2012		
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RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>Draka Comteq B.V.</td> </tr> <tr> <td>Street Address:</td> <td>De Boelelaan 7</td> </tr> <tr> <td>City:</td> <td>Amsterdam</td> </tr> <tr> <td>State/Country:</td> <td>NETHERLANDS</td> </tr> <tr> <td>Postal Code:</td> <td>1083 HJ</td> </tr> </table>		Name:	Draka Comteq B.V.	Street Address:	De Boelelaan 7	City:	Amsterdam	State/Country:	NETHERLANDS	Postal Code:	1083 HJ
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PROPERTY NUMBERS Total: 1											
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13652627</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13652627						
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Application Number:	13652627										
CORRESPONDENCE DATA											
Fax Number:	7043321197										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone:	704-375-0057										
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Correspondent Name:	Shumaker, Loop & Kendrick, LLP										
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ATTORNEY DOCKET NUMBER:	3841/30US										
NAME OF SUBMITTER:	Jeffrey S. Bernard										
Total Attachments: 5 source=3841-30US-ASSN2#page1.tif source=3841-30US-ASSN2#page2.tif source=3841-30US-ASSN2#page3.tif source=3841-30US-ASSN2#page4.tif source=3841-30US-ASSN2#page5.tif											

CH \$40.00 13652627

ASSIGNMENT

We, **Denis Molin**, a citizen of France and residing at 55 Avenue Jean Jaurès, Draveil, France, 91210, **Pierre Sillard**, a citizen of France and residing 2 Square Raphaël - Résidence Orsay, Le Chesnay, France, 78150, and **Marianne Bigot-Astruc**, a citizen of France and residing at 7 Allée de la Petite Porte, Marcoussis, France, 91460, in consideration of the sum of \$1.00 (One Dollar), and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, do hereby sell, assign and transfer unto **Draka Comteq B.V.**, a corporation organized under the laws of The Netherlands, and having an office at De Boelelaan 7, Amsterdam, The Netherlands 1083 HJ, ("ASSIGNEE"), the entire right, title and interest, together with all rights of priority, in and to our invention for certain improvements in "METHOD OF COMPUTING AN EFFECTIVE BANDWIDTH OF A MULTIMODE FIBER", as described in **Application Serial No. 13/652,627**, filed in the United States Patent and Trademark Office on the 16th day of October, 2012, preparatory to obtaining Letters Patent of the United States therefor and as described and/or claimed in any and all applications for Letters Patent based thereon including divisions, continuations and reissues thereof as well as all foreign counterparts thereof together with all Letters Patent issuing on any of the aforesaid applications for Letters Patent, the same to be held and enjoyed by ASSIGNEE, its successors, assigns or other legal representatives, to the full ends of the terms of all said Letters Patent therefor which may be granted.

AND WE HEREBY AUTHORIZE ASSIGNEE to make applications for and to receive Letters Patent for said invention in any foreign countries in its own name, or in our names, at its election.

AND WE HEREBY COVENANT AND AGREE that we will execute or procure any further necessary assurance of title to said invention and any Letters Patent which may issue therefor and that we will, at any time, upon the request and at the expense of ASSIGNEE deliver any testimony in any legal proceedings and execute all papers that may be necessary

2012/12/04 11:35:02


or desirable to perfect the title to said invention or any Letters Patent which may be granted therefor in ASSIGNEE, its successors, assigns, or other legal representatives, and that we will, at any time, upon the request and at the expense of ASSIGNEE execute any the formal application, continuations, divisions, reissues, or any other additional applications for Letters Patent for said invention or any part or parts thereof, all of which applications and any Letters Patent issuing thereon are hereby assigned to ASSIGNEE, and will make all rightful oaths, and do all lawful acts requisite for procuring the same therein, without further compensation, but at the expense of ASSIGNEE, its successors, assigns or other legal representatives.

AND WE HEREBY AUTHORIZE AND REQUEST the Commissioner of Patents and Trademarks to issue any and all Letters Patent of the United States for said invention, resulting from any of the aforesaid applications to said **Draka Comteq B.V.**, as sole ASSIGNEE.

WITNESS OUR hand and seal on the day listed below:

2012/12/04 11:35:03

15 Nov 12
Date


Denis Molin


We, LOUIS-ANNE de MONTMORILLON and Alain Bertaina, the undersigned witnesses hereby declare that we were personally present and did see the signatory, **Denis Molin** who is personally known to us, duly sign and execute this Assignment.

15 Nov 2012
Date


Witness 1 Signature

LOUIS-ANNE DE MONTMORILLON
Witness 1 Printed Name

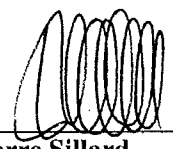
20 Nov 2012
Date

ALAIN BERTAINA
Witness 2 Signature 

ALAIN BERTAINA
Witness 2 Printed Name

2012/12/04 11:35:05

15 Nov 12
Date



Pierre Sillard

We, Louis-Anne de Montmorillon and Alain BERTAINA, the undersigned witnesses hereby declare that we were personally present and did see the signatory, **Pierre Sillard** who is personally known to us, duly sign and execute this Assignment.

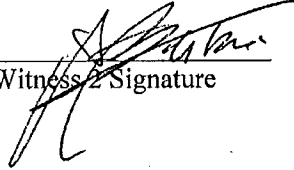
15 Nov 2012
Date



Witness 1 Signature

LOUIS-ANNE DE MONTMORILLON
Witness 1 Printed Name

20 Nov 2012
Date



Witness 2 Signature

ALAIN BERTAINA
Witness 2 Printed Name

2012/12/04 11:35:07

15 - Nov - 2012
Date


Marianne Bigot-Astruc

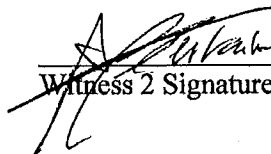
We, Louis Anne de Montmorillon and Alain BERTAINA, the undersigned witnesses hereby declare that we were personally present and did see the signatory, **Marianne Bigot-Astruc** who is personally known to us, duly sign and execute this Assignment.

20 Nov 2012
Date


Witness 1 Signature

Louis-Anne de MONTMORILLON
Witness 1 Printed Name

20 Nov 2012
Date


Witness 2 Signature

Alain BERTAINA
Witness 2 Printed Name

2012/12/04 11:35:09