

## PATENT ASSIGNMENT

Electronic Version v1.1  
 Stylesheet Version v1.1

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>Martin FERMANN</td> <td>04/05/2012</td> </tr> <tr> <td>Ingmar HARTL</td> <td>04/05/2012</td> </tr> </tbody> </table>		Name	Execution Date	Martin FERMANN	04/05/2012	Ingmar HARTL	04/05/2012
Name	Execution Date						
Martin FERMANN	04/05/2012						
Ingmar HARTL	04/05/2012						
RECEIVING PARTY DATA							
Name:	IMRA America, Inc.						
Street Address:	1044 Woodridge Avenue						
City:	Ann Arbor						
State/Country:	MICHIGAN						
Postal Code:	48105						
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>13415374</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13415374		
Property Type	Number						
Application Number:	13415374						
CORRESPONDENCE DATA							
Fax Number:	(202)293-7860						
Phone:	202-293-7060						
Email:	sughrue@sughrue.com, cmerino@sughrue.com						
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>							
Correspondent Name:	Sughrue Mion PLLC						
Address Line 1:	2100 Pennsylvania Ave NW						
Address Line 2:	Suite 800						
Address Line 4:	Washington, DISTRICT OF COLUMBIA 20037						
ATTORNEY DOCKET NUMBER:	A10774						
NAME OF SUBMITTER:	Catherine C. Merino, New Apps Specialist						
Total Attachments: 1 source=A10774_A10774_Assignment#page1.tif							

OP \$40.00 13415374

# Assignment

Whereas, We, Martin E. FERMAN of Dexter, Michigan, and Ingmar HARTL of Ann Arbor, Michigan, respectively, hereinafter called assignors, have invented certain improvements in BROADBAND GENERATION OF MID IR, COHERENT CONTINUA WITH OPTICAL FIBERS and executed an application for Letters Patent of the United States of America therefor on \_\_\_\_\_; and

Whereas, IMRA AMERICA, INC., of 1044 Woodridge Avenue, Ann Arbor, Michigan, 48105 (assignee), desires to acquire the entire right, title, and interest in the application and invention, and to any United States patents to be obtained therefor;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

We, the above named assignors, hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America, including all divisions, and continuations thereof, and all Letters Patent of the United States that may be granted thereon, and all reissues thereof, and all countries foreign thereto, including rights of priority under the International Convention of Paris (1883) as amended, including the right to claim priority under 35 U.S.C. §119, and we request the Director of the U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and we hereby agree that the assignee may apply for foreign Letters Patent on the invention and we will execute without further consideration all papers deemed necessary by the assignee in connection with the United States and foreign applications when called upon to do so by the assignee.

We hereby authorize and request our attorneys SUGHRUE MION, PLLC of 2100 Pennsylvania Avenue, NW, Washington, DC 20037-3213 to insert here in parentheses (Application number 13/415,374 and Confirmation number 4539, filed March 8, 2012) the application number, confirmation number and filing date of said application when known.

Date: [Signature] 4.5.12  
s/Martin FERMAN

Date: [Signature] Apr 5, 2012  
s/Ingmar HARTL

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. §261)