

## PATENT ASSIGNMENT

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT										
NATURE OF CONVEYANCE:	Corrective Assignment to correct the Assignee name from L3 Communications Integrated Systems, L.P. to L-3 Communications Integrated Systems, L.P. previously recorded on Reel 023106 Frame 0195. Assignor(s) hereby confirms the Assignment.										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Matthew P. DeLaquil</td> <td>07/15/2009</td> </tr> <tr> <td>Antone L. Kusmanoff</td> <td>07/15/2009</td> </tr> </tbody> </table>		Name	Execution Date	Matthew P. DeLaquil	07/15/2009	Antone L. Kusmanoff	07/15/2009				
Name	Execution Date										
Matthew P. DeLaquil	07/15/2009										
Antone L. Kusmanoff	07/15/2009										
RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>L-3 Communications Integrated Systems, L.P.</td> </tr> <tr> <td>Street Address:</td> <td>10001 Jack Finney Boulevard</td> </tr> <tr> <td>City:</td> <td>Greenville</td> </tr> <tr> <td>State/Country:</td> <td>TEXAS</td> </tr> <tr> <td>Postal Code:</td> <td>75402</td> </tr> </table>		Name:	L-3 Communications Integrated Systems, L.P.	Street Address:	10001 Jack Finney Boulevard	City:	Greenville	State/Country:	TEXAS	Postal Code:	75402
Name:	L-3 Communications Integrated Systems, L.P.										
Street Address:	10001 Jack Finney Boulevard										
City:	Greenville										
State/Country:	TEXAS										
Postal Code:	75402										
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>12498800</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12498800						
Property Type	Number										
Application Number:	12498800										
CORRESPONDENCE DATA											
<p>Fax Number: 9136479057  <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Email: awilliams@hoveywilliams.com</p> <p>Correspondent Name: Thomas B. Luebbering</p> <p>Address Line 1: 10801 Mastin Blvd.</p> <p>Address Line 2: Suite 1000</p> <p>Address Line 4: Overland Park, KANSAS 66210</p>											
ATTORNEY DOCKET NUMBER:	40052										
NAME OF SUBMITTER:	Thomas B. Luebbering										
<p>Total Attachments: 6          source=CorrectAssign_12498800_as_filed#page1.tif</p>											

CH \$40.00 12498800

source=CorrectAssign\_12498800\_as\_filed#page2.tif  
source=CorrectAssign\_12498800\_as\_filed#page3.tif  
source=CorrectAssign\_12498800\_as\_filed#page4.tif  
source=CorrectAssign\_12498800\_as\_filed#page5.tif  
source=CorrectAssign\_12498800\_as\_filed#page6.tif

## ASSIGNMENT

WHEREAS, WE, Matthew P. DeLaquil, of 610 Louder Way, Rockwall, Texas 75087, Deepak Prasanna, of 1885 Signal Ridge Pl., Rockwall, Texas 75032, and Antone L. Kusmanoff, of 4 Bluebonnet Trail, Greenville, Texas 75402 have invented certain new and useful improvements in

### SYSTEM FOR CONJUGATE GRADIENT LINEAR ITERATIVE SOLVERS

which is the subject of U.S. Patent Application No. 12/498,800, filed 7/7/2009; and

WHEREAS, <sup>L-3 TEL 12-17-12</sup>~~L-3~~ Communications Integrated Systems, L.P., a corporation duly organized under the laws of the State of Delaware, and having its principal place of business at 10001 Jack Finney Boulevard, Greenville, Texas 75402, is desirous of acquiring an interest in, to, and under said invention, said Application 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, the receipt and sufficiency of which is hereby acknowledge, WE, Matthew P. DeLaquil, of 610 Louder Way, Rockwall, Texas 75087, Deepak Prasanna, of 1885 Signal Ridge Pl., Rockwall, Texas 75032, and Antone L. Kusmanoff of 4 Bluebonnet Trail, Greenville, Texas 75402, have sold, assigned, and transferred, and by these presents do sell, assign, and transfer unto said <sup>L-3 TEL 12-17-12</sup>~~L-3~~ Communications Integrated Systems, L.P., the full and exclusive right, title, and interest, throughout the world, in, to, and under the following:

- (a) said invention as fully set forth and described in said Application;
- (b) said Application Serial No. 12/498,800, filed 7/7/2009;
- (c) any and all refilings, divisions, and continuations of said Application;
- (d) any and all Letters Patent of the United States of America that may issue from said Application, refilings, divisions, and continuations;
- (e) any and all reissues of said Letters Patent of the United States of America;
- (f) any and all applications for Letters Patent on said invention that have been, or may be, filed in any and all countries foreign to the United States of America, together with all rights to file and to claim priority in connection with said foreign-filed applications;
- (g) any and all refilings, divisions, and continuations of said foreign-filed applications;

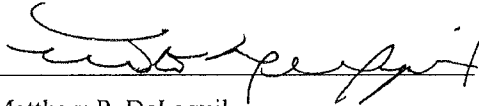
(h) any and all Letters Patent of countries foreign to the United States of America that may issue from said foreign-filed applications, refilings, divisions, and continuations; and

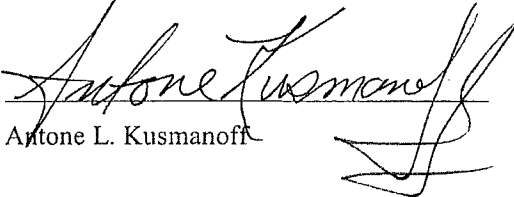
(i) any and all extension of, and additions to, said Letters Patent of countries foreign to the United States of America.

L-3 TBL 12-17-12

ALL of the above shall be held and enjoyed by said ~~L-3~~ Communications Integrated Systems, L.P. 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 we do hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent in accordance with this Assignment.

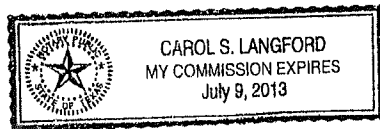
Executed this 15<sup>th</sup> day of July, 2009.

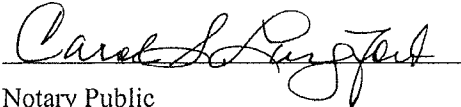
  
Matthew P. DeLaquil

  
Antone L. Kusmanoff

STATE OF TEXAS )  
 )SS.  
COUNTY OF Harris )


On this 15<sup>th</sup> day of July, 2009, before me personally appeared Matthew P. DeLaquil, of 610 Louder Way, Rockwall, Texas 75087, and Antone L. Kusmanoff of 4 Bluebonnet Trail, Greenville, Texas 75402, to me known to be the persons described in and who executed the foregoing instrument, and they duly acknowledged to me that they executed the same for the uses and purposes therein set forth.



  
Notary Public

My Commission Expires: July 9, 2013

Executed this 29 day of July, 2009

  
Deepak Prasanna

STATE OF Maryland)

)SS.

COUNTY OF Anne Arundel

On this 29 day of July, 2009, before me personally appeared Deepak Prasanna, of 1885 Signal Ridge Pl., Rockwall, Texas 75032, to me known to be the person described in and who executed the foregoing instrument, and he duly acknowledged to me that he executed the same for the uses and purposes therein set forth.

  
Notary Public

My Commission Expires: 4/8/12

