

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT						
NATURE OF CONVEYANCE:	ASSIGNMENT						
CONVEYING PARTY DATA							
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Brian Allan Floyd</td> <td>12/14/2006</td> </tr> <tr> <td>Arun Sridhar Natarajan</td> <td>12/13/2006</td> </tr> </tbody> </table>		Name	Execution Date	Brian Allan Floyd	12/14/2006	Arun Sridhar Natarajan	12/13/2006
Name	Execution Date						
Brian Allan Floyd	12/14/2006						
Arun Sridhar Natarajan	12/13/2006						
RECEIVING PARTY DATA							
Name:	International Business Machines Corporation						
Street Address:	New Orchard Road						
City:	Armonk						
State/Country:	NEW YORK						
Postal Code:	10504						
PROPERTY NUMBERS Total: 1							
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>11619019</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	11619019		
Property Type	Number						
Application Number:	11619019						
CORRESPONDENCE DATA							
Fax Number:	(516)759-9512						
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>							
Phone:	5167592946						
Email:	nyoffice@rml-law.com						
Correspondent Name:	William E. Lewis						
Address Line 1:	90 Forest Avenue						
Address Line 2:	Ryan, Mason & Lewis, LLP						
Address Line 4:	Locust Valley, NEW YORK 11560						
ATTORNEY DOCKET NUMBER:	YOR920060170US1						
NAME OF SUBMITTER:	William E. Lewis						
Total Attachments: 2 source=YOR920060170US1_ASM#page1.tif source=YOR920060170US1_ASM#page2.tif							

CH \$40.00 11619019

ASSIGNMENT

Whereas, we

Inventor
and City

(1) **Brian Allan Floyd**
County of Putnam

of Mahopac
and State of New York

and (2) **Arun Sridhar Natarajan**
County of Los Angeles

of Pasadena
and State of California

have invented certain improvements in

TITLE

PHASE SHIFTING AND COMBINING ARCHITECTURE FOR PHASED ARRAYS

and executed a United States patent application therefor on

DATE THAT
INVENTORS
SIGNED THE
DECLARATION

(1) Dec 14, 2006 and (2) _____ 2006.

Whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at New Orchard Road, Armonk, New York 10504, (hereinafter called IBM) desires to acquire the entire right, title and interest in the said application and invention, and to any United States and foreign patents to be obtained therefor;

Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, we the above named, hereby sell, assign, and transfer to IBM, its successors and assigns, the entire right, title and interest in the said application and invention therein disclosed for the United States and foreign countries, and all rights of priority resulting from the filing of said United States application, and we request the Commissioner of Patents to issue any Letters Patent granted upon the inventions set forth in said application to IBM, its successors and assigns; and we hereby agree that IBM may apply for foreign Letters Patent on said invention and we will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by IBM.

CITY
DATE

Signed
(1) at Yorktown Hts, NY
on 12/14 / 2006,

Brian A. Floyd SIGNATURE
(Brian Allan Floyd) INVENTOR
FIRST NAME MIDDLE INITIAL LAST NAME

CITY and
DATE

Signed
(2) at _____, CA
on _____ 2006,

(Arun Sridhar Natarajan) INVENTOR
FIRST NAME MIDDLE INITIAL LAST NAME SIGNATURE

Ryan, Mason & Lewis, LLP
90 Forest Avenue
Locust Valley, New York 11560
(516) 759-2722

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DATE THAT INVENTORS SIGNED THE DECLARATION (1) _____ 2006 and (2) December 13 2006.

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Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, we the above named, hereby sell, assign, and transfer to IBM, its successors and assigns, the entire right, title and interest in the said application and invention therein disclosed for the United States and foreign countries, and all rights of priority resulting from the filing of said United States application, and we request the Commissioner of Patents to issue any Letters Patent granted upon the inventions set forth in said application to IBM, its successors and assigns; and we hereby agree that IBM may apply for foreign Letters Patent on said invention and we will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by IBM.

CITY DATE Signed (1) at _____, NY on _____ 2006, _____ SIGNATURE
(Brian Allan Floyd) INVENTOR
FIRST NAME MIDDLE INITIAL LAST NAME

CITY and DATE Signed (2) at Pasadena, CA on December 13 2006, _____ SIGNATURE
(Arun Sridhar Natarajan) INVENTOR
FIRST NAME MIDDLE INITIAL LAST NAME

Ryan, Mason & Lewis, LLP
90 Forest Avenue
Locust Valley, New York 11560
(516) 759-2722