

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Phasebridge, Inc.	11/08/2005
RECEIVING PARTY DATA	
Name:	EMCORE Corporation
Street Address:	10420 Research Road, S.E.
City:	Albuquerque
State/Country:	NEW MEXICO
Postal Code:	87123
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12198452
CORRESPONDENCE DATA	
Fax Number:	(919)854-2084
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	919-854-1844
Email:	lmorey@coatsandbennett.com
Correspondent Name:	Coats and Bennett, PLLC
Address Line 1:	1400 Crescent Green, Suite 300
Address Line 4:	Cary, NORTH CAROLINA 27518
ATTORNEY DOCKET NUMBER:	3305B
NAME OF SUBMITTER:	David D. Kalish
Total Attachments: 6 source=Assignment_Phasebridge.Emcore3305B#page1.tif source=Assignment_Phasebridge.Emcore3305B#page2.tif source=Assignment_Phasebridge.Emcore3305B#page3.tif source=Assignment_Phasebridge.Emcore3305B#page4.tif source=Assignment_Phasebridge.Emcore3305B#page5.tif	

CH \$40.00 12198452

501010332

PATENT
REEL: 023491 FRAME: 0144

INTELLECTUAL PROPERTY ASSIGNMENT

THIS INTELLECTUAL PROPERTY ASSIGNMENT (this "Assignment") is entered into as of November 8, 2005 (the "Effective Date") by and between Phasebridge, Inc., a Delaware corporation ("Assignor"), and EMCORE Corporation, a New Jersey corporation ("Assignee"). This Assignment is being entered into pursuant to that certain Asset Purchase Agreement dated as of the Effective Date by and between Assignor and Assignee (the "APA").

FOR GOOD AND VALUABLE CONSIDERATION as recited in the APA, the receipt and sufficiency of which are hereby acknowledged, effective as of the Effective Date, Assignor hereby sells, transfers, assigns, conveys and delivers to Assignee all of Assignor's right, title and interest in and to:

- (i) the patents and patent applications listed on Schedule A attached hereto (which is incorporated into and made a part of this Assignment) (including without limitation, any continuations, divisions, continuations-in-part, reissues, reexaminations, extensions, or foreign equivalents thereof), together with all rights to sue and recover for any past, present or future infringement, damage or injury (and including the right to take over and continue any and all existing suits) to any of the foregoing and collect profits or damages with respect to same, the same to be held and enjoyed hereinafter by Assignee for its own use and for the use of its successors and assigns; and
- (ii) the registered trademarks and applications to register trademarks listed on Schedule B attached hereto (which is incorporated into and made a part of this Assignment), together with all of the goodwill associated with such trademarks and all rights to sue and recover for any past, present or future infringement, dilution, damage or injury (and including the right to take over and continue any and all existing suits) to any of the foregoing and collect profits or damages with respect to same, the same to be held and enjoyed hereinafter by Assignee for its own use and for the use of its successors and assigns.

In the event of any conflict or inconsistency between the terms of this Assignment and the terms of the APA, the terms of the APA will prevail. Nothing contained herein shall be deemed to alter, modify, expand or diminish the terms of the APA.

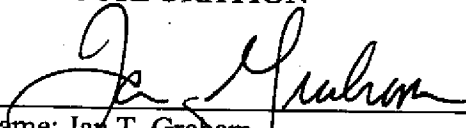
* * * * *

IN WITNESS WHEREOF, the undersigned parties have caused this Assignment to be executed as of the Effective Date.

PHASEBRIDGE, INC.

By: _____
Name: Dana Waldman
Title: Chief Executive Officer

EMCORE CORPORATION

By: 
Name: Ian T. Graham
Title: VP & Deputy General Counsel

ASSIGNOR NOTARIZATION:

STATE OF CALIFORNIA)
) SS.
COUNTY OF LOS ANGELES)

On this 8th day of November, 2005, there appeared before me **Dana Waldman**, personally known to me, who acknowledged that he/she signed the foregoing Assignment as his/her voluntary act and deed on behalf and with full authority of Assignor.

WITNESS my hand and official seal.

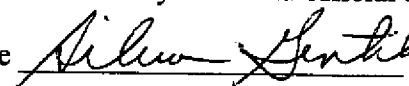
Signature _____ (Seal) My commission expires _____

ASSIGNEE NOTARIZATION:

STATE OF NEW JERSEY)
) SS.
COUNTY OF SOMERSET)

On this 8th day of November, 2005, there appeared before me **Ian T. Graham**, personally known to me, who acknowledged that he/she signed the foregoing Assignment as his/her voluntary act and deed on behalf and with full authority of Assignee.


WITNESS my hand and official seal.

Signature  (Seal) My commission expires 5/1/2007

SILVIA GENTILE
NOTARY PUBLIC OF NEW JERSEY
My Commission Expires May 1, 2007

IN WITNESS WHEREOF, the undersigned parties have caused this Assignment to be executed as of the Effective Date.

PHASEBRIDGE, INC.

By: 
Name: Dana Waldman
Title: Chief Executive Officer

EMCORE CORPORATION

By: _____
Name: Ian T. Graham
Title: VP & Deputy General Counsel

ASSIGNOR NOTARIZATION:

STATE OF CALIFORNIA)
) SS.
COUNTY OF LOS ANGELES)

On this 8th day of November, 2005, there appeared before me **Dana Waldman**, personally known to me, who acknowledged that he/she signed the foregoing Assignment as his/her voluntary act and deed on behalf and with full authority of Assignor.

WITNESS my hand and official seal.

SEE ATTACHED CERTIFICATE

Signature _____ (Seal) My commission expires _____

ASSIGNEE NOTARIZATION:

STATE OF NEW JERSEY)
) SS.
COUNTY OF SOMERSET)

On this 8th day of November, 2005, there appeared before me **Ian T. Graham**, personally known to me, who acknowledged that he/she signed the foregoing Assignment as his/her voluntary act and deed on behalf and with full authority of Assignee.

WITNESS my hand and official seal.

Signature _____ (Seal) My commission expires _____

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

State of California

County of

Los Angeles

SS.

On Nov 8, 2005

Date

, before me,

Steven M. Navarro, Notary Public

Name and Title of Officer (e.g., "Jane Doe, Notary Public")

personally appeared

Dana R. Waldman

Name(s) of Signer(s)

☐ personally known to me

☒ 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.



Place Notary Seal Above

WITNESS my hand and official seal.

[Signature]
Signature of Notary Public

OPTIONAL

Though the information below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent removal and reattachment of this form to another document.

Description of Attached Document

Title or Type of Document: _____

Document Date: _____

Number of Pages: _____

Signer(s) Other Than Named Above: _____

Capacity(ies) Claimed by Signer

Signer's Name: _____

☐ Individual

☐ Corporate Officer — Title(s): _____

☐ Partner — ☐ Limited ☐ General

☐ Attorney in Fact

☐ Trustee

☐ Guardian or Conservator

☐ Other: _____

Signer Is Representing: _____

RIGHT THUMBPRINT
OF SIGNER
Top of thumb here

SCHEDULE A

PATENTS			
Country	Patent Number	Issue Date	Title
U.S.	6590691	7/8/2003	Hybridly Integrated Optical Modulation Devices

PATENT APPLICATIONS			
Country	App. Number	Date Patent App. Filed	Title
USA	10/150,183	5/17/2002	PB-1; Sub-Micron Adjustable Mount For Support A Component And Method
PCT-member countries, including USPTO as Intl Search Authority	PCT/US03/05119	1/31/2003	PB-1PCT; Sub-Micron Adjustable Mount For Supporting A Component and Method
USA	10/394,326	3/20/2003	PB-1CIP; Sub-Micron Adjustable Mount For Support A Component And Method
USA	10/859,871	6/2/2004	PB-1CIP2; Sub-Micron Adjustable Mount For Support A Component And Method
PCT-member countries, including USPTO as Intl Search Authority	PCT/US02/20714	7/1/2002	PB-2PCT; Modified Optical Modulation System
		Not Filed	PB-3; Coupled Coplanar Waveguide Dual-Drive Optical Modulator
		Not Filed	PB-y; High Efficient Bias Electrode Designs for X-cut and Z-cut Lithium-Niobate Mach-Zehnder Interferometer (MZI) Modulators
USA	11/121,350	5/3/2005	PB-4; Compact Submillimeter-Wave Sources and Detectors for Spectroscopic Applications

SCHEDULE B

TRADEMARK REGISTRATIONS			
Country	Reg. Number	Reg. Date	Mark
U.S.	2,843,770	5/18/2004	"Phasebridge"

TRADEMARK APPLICATIONS			
Country	App. Number	App. Date	Mark
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