

12-27-2005

DEPARTMENT OF COMMERCE
as Patent and Trademark Office



RECORD
TRADEMARK 103144758

To the Director of the U. S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

12-28-05

1. Name of conveying party(ies):

Phasebridge, Inc.

- Individual(s)
- General Partnership
- Corporation- State: Delaware
- Other _____
- Association
- Limited Partnership

Citizenship (see guidelines) _____

Additional names of conveying parties attached? Yes No

3. Nature of conveyance)/Execution Date(s) :

Execution Date(s) November 8, 2005

- Assignment
- Security Agreement
- Other _____
- Merger
- Change of Name

2. Name and address of receiving party(ies)

Additional names, addresses, or citizenship attached? Yes No

Name: EMCORE Corporation

Internal Address: _____
Address: _____

Street Address: 145 Belmont Drive

City: Somerset

State: NJ

Country: _____ Zip: 08873

Association Citizenship _____

General Partnership Citizenship _____

Limited Partnership Citizenship _____

Corporation Citizenship New Jersey

Other _____ Citizenship _____

If assignee is not domiciled in the United States, a domestic representative designation is attached: Yes No
(Designations must be a separate document from assignment)

4. Application number(s) or registration number(s) and identification or description of the Trademark.

A. Trademark Application No.(s)

B. Trademark Registration No.(s)

2,843,770

Additional sheet(s) attached? Yes No

C. Identification or Description of Trademark(s) (and Filing Date if Application or Registration Number is unknown):
PHASEBRIDGE

5. Name & address of party to whom correspondence concerning document should be mailed:

Name: Emcore Corporation

Internal Address: _____

Street Address: 1600 Eubank Blvd SE

City: Albuquerque

State: New Mexico Zip: 87123

Phone Number: 505 332 5000

Fax Number: 505 332 5038

Email Address: _____

6. Total number of applications and registrations involved:

1

7. Total fee (37 CFR 2.6(b)(6) & 3.41) \$ 40

- Authorized to be charged by credit card
- Authorized to be charged to deposit account
- Enclosed

8. Payment Information:

a. Credit Card Last 4 Numbers _____
Expiration Date _____

b. Deposit Account Number 50-3029

Authorized User Name Daniel McGlynn

9. Signature:

Daniel McGlynn
Signature

Daniel McGlynn

Name of Person Signing

12 December 2005
Date

Total number of pages including cover sheet, attachments, and document: 7

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, VA 22313-1450

12/23/2005 ECOOPER 00000120 503029 2843770

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REEL: 003274 FRAME: 0012

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.

* * * * *

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

State of California

County of Los Angeles } ss.

On Nov 9, 2005, before me, Steven M. Navarro, Notary Public
Date 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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