

Form PTO-1595 (Rev. 07/05)
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**RECORDATION FORM COVER SHEET
PATENTS ONLY**

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

1. Name of conveying party(ies)

EMCORE CORPORATION

Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies)

Name: VELOX SEMICONDUCTOR CORPORATION

Internal Address: _____

Street Address: 394 Elizabeth Avenue

City: Somerset

State: New Jersey

Country: U.S.A.

Zip: 08873

Additional name(s) & address(es) attached? Yes No

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

Execution Date(s) October 10, 2005

- Assignment Merger
- Security Agreement Change of Name
- Joint Research Agreement
- Government Interest Assignment
- Executive Order 9424, Confirmatory License
- Other _____

4. Application or patent number(s):

A. Patent Application No.(s)

10/780,526 11/030,554
10/780,363 11/032,666
10/935,000 11/029,266

This document is being filed together with a new application.

B. Patent No.(s)

Additional numbers attached? Yes No

5. Name and address to whom correspondence concerning document should be mailed:

Name: Docket Administrator (18473-3)

Internal Address: Lowenstein Sandler PC

Street Address: 65 Livingston Avenue

City: Roseland

State: New Jersey Zip: 07068

Phone Number: 973.597.2500

Fax Number: 973.597.2400

Email Address: _____

6. Total number of applications and patents involved: 6

7. Total fee (37 CFR 1.21(h) & 3.41) \$240.00

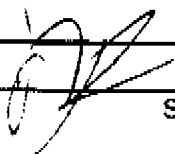
- Authorized to be charged by credit card
- Authorized to be charged to deposit account
- Enclosed
- None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers _____
Expiration Date _____

b. Deposit Account Number 501358
Authorized User Name James F. Dobrow

9. Signature:



Signature

March 30, 2006

Date

James F. Dobrow, Reg. No. 46,666

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents:

8

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, V.A. 22313-1450

CH \$240.00 501358 10780526

EXHIBIT IV**Form of Patent Assignment**

WHEREAS, EMCORE Corporation (hereinafter, "Assignor"), a New Jersey corporation with a place of business at 145 Belmont Drive, Somerset, NJ is the owner of rights in certain patents and/or patent applications listed in the attached Schedule labeled as Appendix A, and the inventions disclosed and claimed therein (the "Patents");

WHEREAS, Velox (hereinafter, "Assignee"), a corporation organized and existing under the laws of the State of Delaware with offices in 145 Belmont Drive, Somerset, NJ, desire to acquire the Assignor's entire right, title, and interest in and to the Patents; and

WHEREAS, Assignor and Assignee have entered into an Intellectual Property Agreement pursuant to which Assignor has agreed to assign certain proprietary technology, including the Patents, to Assignee.

NOW THEREFORE, effective immediately by this document, and for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Assignor does hereby sell, assign and transfer to Assignee, and its successors and assigns, Assignor's entire right, title, and interest, in the United States and all foreign countries, in the Patents, and all continuations, divisions, extensions, reexaminations, reissues, and substitutes thereof, rights of priority under the International Convention for the Protection of Industrial Property, the Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States adheres, and in and to all income, royalties, damages, claims, and payments now or hereafter due or payable with respect thereto, and in and to all causes of action (either in law or in equity) and the right to sue, counterclaim, and recover for past, present, and future infringement of the rights assigned to Assignee hereunder.

Assignor hereby agrees to execute any papers and to perform such other proper acts as reasonably necessary to secure to Assignee or to its successors or assigns, the rights, title and interest hereby transferred.

WHEREFORE, Assignor has duly executed this Patent Assignment on the date indicated below.

EMCORE CORPORATION

"Assignor"



By: Howard W. Brodie

Executive Vice President

Date: October 19, 2005

STATE OF NEW JERSEY
COUNTY OF SOMERSET

On this 10th day of October 2005, before me, a Notary Public in and for the County of Somerset in the State of New Jersey, personally appeared Howard W. Brodie, and being duly sworn, averred that, being duly authorized, he executed the foregoing Assignment as his free voluntary at for the uses and purposes therein set forth.

NOTARY PUBLIC

My Commission Expires: 05/01/2007



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



EXHIBIT III
Assigned EMCORE Power Patents
(Power Devices)

Issued Patents

None

Pending Patent Applications

Docket	Inventor	Country	Application Number	Filing Date
4402	Pophristic	US EP TW CN JP KR	10/780,526	17 Feb 2004
4403	Shelton	US EP FR DE	10/780,363	17 Feb 2004
4404	Ceruzzi	US EP FR DE	10/935,000	07 Sept 2004
4426	Zhu	US EP	11/030,554	06 Jan 2005

TW

CN

JP

4427 Shelton US 11/032,666 10 Jan 2005

EP

TW

CN

JP

4428 Shelton US 11/029,266 5 Jan 2005

EP

TW

CN

JP

Recently submitted provisional patent applications and
invention disclosures

Inventor Name	Title	Number if any
Zhu	Low-energy implantation surface treatment to improve device yield and reliability performance	2005-5
Pophristic	p-GaN/UID GaN top layer for low leakage current/ high breakdown GaN Schottky diode	2005-7
Zhu	Method for effective	2005-8

	implantation of resistive guard-ring	
Cohen	III-Nitride capacitor	2005-9
Pabisz	Anti-arcing protection for high voltage diodes	2005-2
Zhu	2 nd Schottky metal deposition to improve GaN Schottky diode performance	2005-10
Pophristic	AlGaN for top Schottky layer	2005-11
Zhu	Reliable GaN Schottky diode with field plate dielectric	2005-12
Murphy	Optimized design of the finger length and width of a mesa-type high current diode to improve Vf and process robustness	2005-13
Zhu	Sapphire thinning application in GaN Schottky Diode	2005-14
Gao	Isolated Multi-Mesa Structure for Lateral GaN Schottky Diodes Using Flip-Chip Technologies.	2005-15
Shelton	Separation of Thick Sapphire Electronic Devices	2005-16

Zhu	Sapphire substrate removal application in GaN Schottky Diode	2005-17
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