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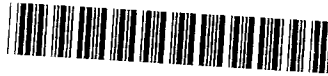
Docket No.: 4428

FORM PTO-1595 (Modified)  
(Rev. 03-01)  
OMB No. 0651-0027 (exp. 5/31/2002)  
P08/REV03

01-27-2005

EET

U.S. DEPARTMENT OF COMMERCE  
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To the Director of the United States Patent and Trademark Office, the attached original documents or copy thereof.

1. Name of conveying party(ies):

Bryan S. Shelton  
Boris Peres  
Daniel McGlynn

Additional names(s) of conveying party(ies)

☐ Yes ☒ No

2. Name and address of receiving party(ies):

Name: Emcore Corporation

Internal Address: \_\_\_\_\_

Street Address: 145 Belmont Drive

City: Somerset State: NJ ZIP: 08873

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

3. Nature of conveyance:

☒ Assignment

☐ Merger

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Execution Date: 12/28/04, 12/27/04, 1/4/05

4. Application number(s) or patent numbers(s):

If this document is being filed together with a new application, the execution date of the application is: 1/5/05

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☐ No

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

Name: Emcore Corporation

Internal Address: \_\_\_\_\_

01/26/2005 6TUN11 00000114 503029 11029266  
01 FC:0021 40.00 DA

Street Address: 145 Belmont Drive

City: Somerset State: NJ ZIP: 08873

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41):.....\$ 40.00

☐ Enclosed - Any excess or insufficiency should be credited or debited to deposit account

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50-3029

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To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Jon P. Christensen

Name of Person Signing

Signature

1/5/05

Date

Total number of pages including cover sheet, attachments, and document: 3

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**PATENT**  
**REEL: 016176 FRAME: 0929**

# Assignment

Applicant or Patentee:

Serial or Patent No.:

Filed or Issued:

For:

Attorney Docket No.

S.  
Bryan Shelton, Boris Peres, Daniel McGlynn

GaN SEMICONDUCTOR BASED VOLTAGE CONVERSION DEVICE

4428

**In Consideration** of Ten Dollars and other good and valuable considerations, the receipt of which is hereby acknowledged, the entire right, title and interest in the invention and improvements of the undersigned in a

**GaN SEMICONDUCTOR BASED VOLTAGE CONVERSION DEVICE**

and in the U.S. Patent and U.S. Patent Application therefor, executed by the undersigned herewith and in any reissue, continuation, or divisional U.S. Patent that may be granted upon said U.S. Patent Application are hereby assigned by the undersigned to

**Emcore Corporation**

and the heirs, successors, legal representative and assigns thereof (hereinafter collectively referred to as the Assignee).

**For said considerations** it is hereby agreed that I have sold and assigned, and hereby do sell and assign, to said Assignee, its successors and assigns, the entire right, title and interest (a) in the above-identified invention or inventions and all improvements and modifications thereof, (b) in the above-identified application and all other applications for Letters Patent of the United States and countries foreign thereto for the above-identified invention or inventions and all improvements and modifications thereof, in all Letters Patent which may issue from said applications in the United States and countries foreign thereto, and (d) to all divisions, reissues, continuations and extensions of said applications and Letters Patents; and covenant I have the full right so to do; and I hereby authorize and request the Commissioner of Patents and Trademarks to issue all United States Letters Patent on the invention or inventions included herein to said Assignee of the entire interest.

I further agree that I shall communicate to said Assignee, its successor and assigns, or their representative or agents all facts and information known or available to me respecting said invention or inventions, improvements and modifications including evidence for interference, reexamination, reissue, opposition, revocation, extension or infringement purposes or other legal, judicial or administrative proceedings, whenever requested; testify in person or by affidavit as required by said Assignee, its successors and assigns, in any such proceeding in the United States or a country foreign thereto; execute and deliver, on request, all lawful papers including, but not limited to, original, divisional, continuation (including any continuations-in-part) and reissue applications, renewals, assignments, powers of attorney, oaths, affidavits, declarations, depositions; and provide all reasonable assistance to Assignee, its successors and assigns, in obtaining and enforcing proper protection for said invention or inventions, improvements and modifications under the intellectual property laws of the United States and countries foreign thereto.

In testimony whereof, I have hereunto set my hand and seal, on the line set after my signature.

Name of First Joint assignor/inventor

S.  
Bryan Shelton

Signature of assignor and inventor

Bryan A. Shelton (Seal)

Date

12/28/2004

Name of Second Joint assignor/inventor

Boris Peres

Signature of assignor and inventor

Boris Peres (Seal)

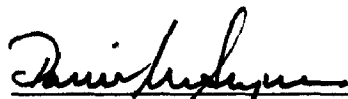
Date

Dec 27, 04

Name of Third Joint assignor/inventor

Daniel McGlynn

Signature of assignor and inventor



(Seal)

Date

04 Jan 2005