

1-31-92

PAT

12-04-2003

Patent & Trademark Office

To the Honorable Commissioner of Patents and Trademarks: Please

copy thereof.

1. Name of conveying party(ies):

Robert J. MEARS;

Jean Augustin Chan Sow Fook YIP

Marek HYTHA; Scott A. KREPS; Ilija BUKARI

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

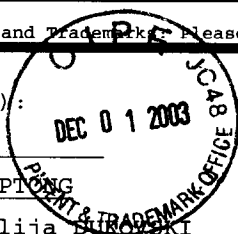
2. Name: 102614755

Name: R.J. MEARS LLC

Address: 189 Wells Avenue, Suite 100

Newton, MA 02459

ig party(ies):



3. Nature of Conveyance:

(X) Assignment

() Merger

() Security Agreement

() Change of Name

() Other

Execution Date: October 29, 2003

Additional name(s) and address(s) attached? ()Yes (X)No

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

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

A. Patent application No.(s)

B. Patent No.(s)

10/647,069

Additional numbers attached? ()Yes (X)No

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

Name: Christopher F. Regan, Esq.

Internal Address: Allen, Dyer,

Doppelt, Milbrath & Gilchrist, P.A.

Street Address: 255 S. Orange Ave.

P.O. Box 3791

City: Orlando

State: Florida Zip: 32802

6. Total number of applications and patents involved: [1]

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

[X] Enclosed

[] Authorized to be charged to deposit account.

8. Deposit Account Number:

01-0484

If any additional extension and/or fee is required, or, if any additional fee for claims is required.

12/03/2003 LABELER 00000217 10647069

01 FC:0021

40.00 DP

DO NOT USE THIS SPACE

9. Statement and signature.

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.

Christopher F. Regan

Name of Person Signing

Signature

November 26, 2003

Date

Total number of pages including cover sheet, attachments and document: [5]

62602

PATENT

REEL: 014745 FRAME: 0748

A S S I G N M E N T

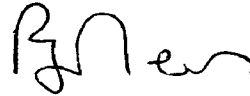
WHEREAS, **Robert J. MEARS** of Wellesley, Massachusetts; **Jean Augustin Chan Sow Fook YIPTONG** of Waltham, Massachusetts; **Marek HYTHA** of Brookline, Massachusetts; **Scott A. KREPS** of Southborough, Massachusetts and **Ilija DUKOVSKI** of Newton, Massachusetts; hereinafter referred to as **ASSIGNORS**, have made certain improvements or inventions in a **SEMICONDUCTOR DEVICE INCLUDING MOSFET HAVING BAND-ENGINEERED SUPERLATTICE** for which **ASSIGNORS** have executed an application for United States Letters Patent filed on August 22, 2003, in the United States Patent and Trademark Office and assigned Serial No. 10/647,069; and

WHEREAS, **R.J. MEARS LLC**, a Delaware corporation, hereinafter referred to as **ASSIGNEE**, is desirous of acquiring the same;

NOW THEREFORE, This Indenture Witnesseth: That for good and valuable consideration, receipt whereof is hereby acknowledged, said **ASSIGNORS** do hereby sell, assign and transfer to said **ASSIGNEE**, its successors and assigns, all right, title and interest in and to said United States Patent application, the invention or inventions therein shown and described and any improvements on said inventions heretofore or hereafter made, any divisions or continuations of said application, and all patents, United States and foreign, to be granted upon any such application or for the invention or inventions thereof, and any reissues, continuations or extensions of said patents; and said **ASSIGNORS** do hereby authorize and request the Commissioner of Patents to issue all patents on said United States Patent applications or for the invention or inventions hereof, in accordance with this assignment.

And said **ASSIGNORS** for said consideration hereby covenants and agrees that said **ASSIGNORS** are the owners of the full title herein conveyed and have the right to convey the same, and agree that said **ASSIGNORS** will communicate to said ASSIGNEE any facts known to said **ASSIGNORS** respecting said invention or inventions, and testify in any legal proceedings when called upon by said **ASSIGNEE**, sign all lawful papers deemed by said **ASSIGNEE** as expedient to vest in it the legal title herein sought to be conveyed or for the filing and prosecution of all applications and patents, United States and foreign, and otherwise aid said **ASSIGNEE**, its successors and assigns, in obtaining full patent protection on said invention and enforcing proper protection under said patents, but in every instance at the **ASSIGNEE'S** expense.

In Witness Whereof, we have hereunto set our hands and seal on the date listed below.

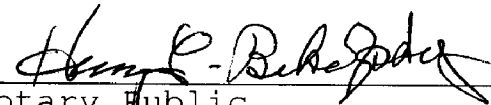


10-29-03
Date

Robert J. MEARS

State of Massachusetts :
County of MIDDLESEX : ss.

On this 29th day of OCTOBER, 2003, before me personally appeared the above-named ASSIGNOR, **Robert J. MEARS**, to me personally known/provided identification (MA LICENSE (AUTO)) as the individual who executed the foregoing assignment, and who acknowledged to me that he executed the same of his own free will for the purposes therein set forth.


Notary Public
My commission expires: 2-3-2006

S E A L

10/29/03

Date

Jean Augustin Chan Sow Fook YIPTONG

State of Massachusetts :
: ss.
County of MIDDLESEX :

On this 29th day of OCTOBER, 2003,
before me personally appeared the above-named ASSIGNOR, **Jean Augustin Chan Sow Fook YIPTONG**, to me personally known/provided identification (MIA LICENSE - (AUTO)) as the individual who executed the foregoing assignment, and who acknowledged to me that he executed the same of his own free will for the purposes therein set forth.

Henry P. Bejorek
Notary Public
My commission expires: 2-3-2006

S E A L

10/29/2003

Date

Marek HYTHA

Marek Hytha

State of Massachusetts :
: ss.
County of MIDDLESEX :

On this 29th day of OCTOBER, 2003,
before me personally appeared the above-named ASSIGNOR, **Marek HYTHA** to me personally known/provided identification (CZECH REPUBLIC PASSPORT) as the individual who executed the foregoing assignment, and who acknowledged to me that he executed the same of his own free will for the purposes therein set forth.

Henry P. Bejorek
Notary Public
My commission expires: 2-3-2006

S E A L

10/29/03
Date

Scott A. Kreps
Scott A. KREPS

State of Massachusetts :
: ss.
County of MIDDLESEX :

On this 29th day of OCTOBER, 2003,
before me personally appeared the above-named ASSIGNOR, **Scott A. KREPS**, to me personally known/provided identification (FL ~~MA~~ LICENSE - (AUTO)) as the individual who executed the foregoing assignment, and who acknowledged to me that he executed the same of his own free will for the purposes therein set forth.

Henry S. Budej
Notary Public
My commission expires: 2-3-2006

S E A L

10/29/03
Date

Ilija Dukovski
Ilija DUKOVSKI

State of Massachusetts :
: ss.
County of MIDDLESEX :

On this 29th day of OCTOBER, 2003,
before me personally appeared the above-named ASSIGNOR, **Ilija DUKOVSKI**, to me personally known/provided identification (MA LICENSE - (AUTO)) as the individual who executed the foregoing assignment, and who acknowledged to me that he executed the same of his own free will for the purposes therein set forth.

Henry S. Budej
Notary Public
My commission expires: 2-3-2006

S E A L