

PATENT ASSIGNMENT

Electronic Version v1.1
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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Kalipatnam Vivek Rao	01/22/2008
RECEIVING PARTY DATA	
Name:	MEARS Technologies, Inc.
Street Address:	1100 Winter Street, Suite 4700
City:	Waltham
State/Country:	MASSACHUSETTS
Postal Code:	02451
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12018260
CORRESPONDENCE DATA	
Fax Number:	(407)841-2343
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	407-841-2330
Email:	rthanski@addmg.com
Correspondent Name:	Christopher F. Regan
Address Line 1:	255 S. Orange Avenue, Suite 1401
Address Line 4:	Orlando, FLORIDA 32801
ATTORNEY DOCKET NUMBER:	62730
NAME OF SUBMITTER:	John F. Woodson, II
Total Attachments: 2 source=62730_Assignment#page1.tif source=62730_Assignment#page2.tif	

OP \$40.00 12018260

A S S I G N M E N T

WHEREAS, **Kalipatnam Vivek RAO** of Grafton, Massachusetts; hereinafter referred to as **ASSIGNORS**, have made certain improvements or inventions in **SEMICONDUCTOR DEVICE WITH A VERTICAL MOSFET INCLUDING A SUPERLATTICE AND RELATED METHODS** for which **ASSIGNORS** have executed an application for United States Letters Patent filed herewith in the United States Patent and Trademark Office; and

WHEREAS, **MEARS TECHNOLOGIES, INC.**, 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, I have hereunto set my hand and seal this 22nd day of January, 2008.

Kalipatnam Vivek RAO
 Kalipatnam Vivek RAO

State of Mass :
 : ss.
 County of Middlesex :

On this 22nd day of January, 2008, before me personally appeared the above-named **ASSIGNOR**, **Kalipatnam Vivek RAO**, to me personally known provided identification (_____) 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.

KEVIN T. McNULTY, Notary Public
 My Commission Expires October 24, 2008

Kevin T. McNulty
 Notary Public
 My commission expires:

S E A L