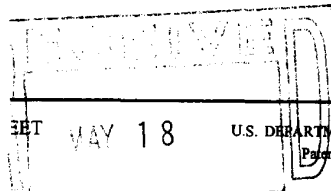


06-04-1998



FORM PTO-1596
1-31-92

DOCKET NO.: 1183-081

100728115
PATENTS ONLY

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

NRD 5-18-98

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereto:

1. Name of conveying party(ies):

Stephen CAMACHO, Robert WALKER, Tim LAO

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

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

Name: mitsubishi semiconductor america, inc.

Internal Address:

Street Address: THREE DIAMOND LANE

City: DURHAM State/Country: NC ZIP: 27704

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

3. Nature of conveyance:

Assignment Merger
 Security Agreement Change of Name
 Other

Execution Date: December 16, 1997, January 5, 1998, December 30, 1997

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

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

A. Patent Application No(s).08/997,541
Filed December 23, 1997

B. Patent No(s).

Additional numbers attached? Yes No

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

Name: McDERMOTT, WILL & EMERY

Internal Address:

Street Address: 99 Canal Center Plaza, Suite 300

City: Alexandria State: VA ZIP: 22314

6. Total number of applications and patents involved: 1

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

Enclosed

Authorized to be charged to deposit account

8. Deposit account number:

500417

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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.

Stephen A. Becker, 26,527
Name and Registration No. of Person Signing

Signature

MAY 18, 1998
Date

Total number of pages comprising cover sheet: 1

CMB No. 0851-0011 (exp. 4/94)

PATENT
REEL: 9205 FRAME 0754

08997541
500417
0000134
40-CH
1 FC:581

Docket No.: 1183-081

ASSIGNMENT

WHEREAS WE, Stephen Camacho, Robert Walker, Tim Lao of Mitsubishi Semiconductor America, Inc., respectively, have made a certain new and useful invention as set forth in an application for United States Letters Patent, entitled VOLTAGE PUMP FOR INTEGRATED CIRCUIT AND OPERATING METHOD THEREOF,

executed by us on the date of execution of this document, as shown below, and filed concurrently herewith;
OR

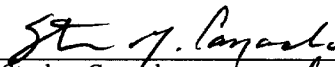
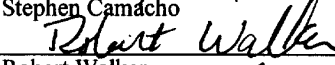
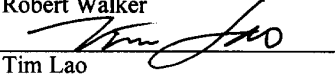
for which an application for United States Letters Patent was filed on _____, and identified by United States Serial No. _____;

AND WHEREAS, Mitsubishi Semiconductor America, Inc., a corporation of the State of Delaware and having an address of Three Diamond Lane, Durham, North Carolina 27704 is desirous of acquiring the entire right, title and interest in and to said invention and in and to any and all Letters Patent of the United States and foreign countries which may be obtained therefor;

NOW, THEREFORE, for good and valuable consideration, the receipt for and sufficiency of which is hereby acknowledged, we do hereby sell, assign, transfer and set over unto Mitsubishi Semiconductor America, Inc., its legal representatives, successors, and assigns, the entire right, title and interest in and to said invention as set forth in the above-mentioned application, including any continuations, continuations-in-part, divisions, reissues, re-examinations or extensions thereof, and in and to any and all patents of the United States and foreign countries which may be issued for said invention;

UPON SAID CONSIDERATIONS, we hereby agree with the said assignee that we will not execute any writing or do any act whatsoever conflicting with these presents, and that we will, at any time upon request, without further or additional consideration but at the expense of said assignee, execute such additional assignments and other writings and do such additional acts as said assignee may deem necessary or desirable to perfect the assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, divisional, continuations, continuations-in-part, reexamined, reissued, or extended Letters Patent of the United States or of any and all foreign countries on said invention, and in enforcing any rights or choses in action accruing as a result of such applications or patents, by giving testimony in any proceedings or transactions involving such applications or patents, and by executing preliminary statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of the assigns and legal representatives of assignor and assignee;

AND we request the Commissioner of Patents and Trademarks to issue any Letters Patent of the United States which may be issued for said invention to said Mitsubishi Semiconductor America, Inc., its legal representatives, successors or assigns, as the sole owner of the entire right, title and interest in and to said patent and the invention covered thereby.

Date	<u>12/16/97</u>	<u></u>
		Stephen Camacho
Date	<u>1/5/98</u>	<u></u>
		Robert Walker
Date	<u>12/30/97</u>	<u></u>
		Tim Lao

STATE OF NORTH CAROLINA)
) SS:
COUNTY OF DURHAM)

On this 16 day of DECEMBER, 1997, before me personally appeared Stephen Camacho, to me known to be the person named in and who executed the above instrument, and acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

SEAL


Notary Public

MY COMMISSION EXPIRES FEB. 21, 2000

My commission expires _____

STATE OF NORTH CAROLINA)
) SS:
COUNTY OF DURHAM)

On this 05 day of JANUARY, 1998, before me personally appeared Robert Walker, to me known to be the person named in and who executed the above instrument, and acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

SEAL


Notary Public

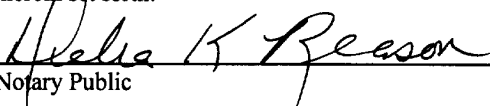
MY COMMISSION EXPIRES FEB. 21, 2000

My commission expires _____

STATE OF Virginia)
City) SS:
COUNTY OF Lapewell)

On this 30th day of December, 1997, before me personally appeared Tim Lao, to me known to be the person named in and who executed the above instrument, and acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

SEAL


Notary Public

My commission expires 11/31/2000