

FORM PTO-1619A

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**Conveyance Type**

- Assignment
- License
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- Security Agreement
- Change of Name
- Other

**U.S. Government**  
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AUG 27 2001

**Conveying Party(ies)**

Mark if additional names of conveying parties attached

Name (line 1)      Amaratunga, Gehan, Anil Joseph

Execution Date  
Month Day Year  
08202001

Name (line 2)

**Second Party**

Name (line 1)      NG, Ranick, Kian Ming

Execution Date  
Month Day Year  
08202001

Name (line 2)

**Receiving Party**

Mark if additional names of receiving parties attached

Name (line 1)      Fuji Electric Company

If document to be recorded  
is an assignment and the  
receiving party is not  
domiciled in the United

Name (line 2)

Address (line 1)    No.1-1 Tanabe Shinden  
Kawasaki-Ku

States, an appointment  
of a domestic  
representative is attached.  
(Designation must be a  
separate document from  
Assignment)

Address (line 2)    Kawasaki-Shi

Address (line 3)    Kanagawa                      Japan                      210-8530  
City                      State/Country                      Zip Code

**Domestic Representative Name and Address**

Enter for the first Receiving Party only.

Name

Address (line 1)

Address (line 2)

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Mail documents to be recorded with required cover sheet(s) information to:  
Commissioner for Patents and Trademarks, Box Assignments, Washington, D.C. 20231  
53604.01/1821.01000

**PATENT**  
**REEL: 012116 FRAME: 0670**

**Correspondence Name and Address**

Area Code and Telephone Number (713) 238-8000

Name Marcella D. Watkins

Address (line 1) CONLEY, ROSE &amp; TAYON, P. C.

Address (line 2) P. O. Box 3267

Address (line 3) Houston, Texas 77253-3267

Address (line 4)

**PAGES** Enter the total number of pages of the attached conveyance document  
Including any attachments # \***Application Number(s) or Patent Number(s)** Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property)

Patent Application Number(s)

Patent Number(s)

09/870,040

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.

Month Day Year

**Patent Cooperation Treaty (PCT)**Enter PCT Application number  
only if a U.S. Application Number  
has not been assigned

PCT

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**Number of Properties**

Enter the total number of properties involved. # 1

**Fee Amount**

Fee Amount for Properties Listed (37 CFR 3.41): \$ 40.00

Method of Payment:

Enclosed Deposit Account 

Deposit Account

(Enter for payment by deposit account or if additional fees can be charged to the account.)

Deposit Account Number: # 03-2769

Authorization to charge additional fees: Yes  No **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. Charges to deposit account are authorized, as indicated herein.

Marcella D. Watkins

Name of Person Signing

Marcella D. Watkins

Signature

August 24, 2001

Date

**Conveying Party(ies)** Mark if additional names of conveying parties attached*Enter additional Conveying Parties*

Name (line 1) Udrea, Florin

Execution Date  
Month Day Year  
08202001

Name (line 2)

Execution Date  
Month Day Year

Name (line 1)

Name (line 2)

Execution Date  
Month Day Year

Name (line 1)

Name (line 2)

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 If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. *(Designation must be a separate document from Assignment)*

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 If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. *(Designation must be a separate document from Assignment)*

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Address (line 2)

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State/Country

Zip Code

**Application Number(s) or Patent Number(s)** Mark if additional numbers attached*Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).***Patent Application Number(s)****Patent Number(s)**

## ASSIGNMENT

IN CONSIDERATION OF TEN DOLLARS (\$10.00) cash in hand paid to us by FUJI ELECTRIC CO., LTD. and other valuable consideration, the receipt and sufficiency of which are hereby acknowledged, we, Gehan Anil Joseph Amaratunga, Ranick Kian Ming NG, and Florin Udrea ("ASSIGNORS"), having made an invention in Lateral Semiconductor Device while in the employ either as an employee or consultant of Fuji Electric Co., Ltd. a corporation organized and existing under the laws of Japan doing business at No.1-1 Tanabe Shinden, Kawasaki-Ku, Kawasaki-Shi, Kanagawa 210-8530, Japan (sometimes hereinafter called "ASSIGNEE"), do hereby ASSIGN, SELL and CONVEY to said Fuji Electric Co., Ltd. its successors and assigns, the entire right, title and interest throughout the world in and to:

1. Said invention in Lateral Semiconductor Device;
2. United States of America patent application on said invention, Serial No. 09/870,040 filed May 30, 2001, Attorney's File No. 1821-01000, entitled Lateral Semiconductor Device;
3. All applications for patent or like protection on said invention that have now been or may in the future be made by us or our legal representatives, including any continuation, continuation-in-part and any other utility applications that may be based on this invention, whether in the United States of America or any other place anywhere in the world;
4. All patents and like protection that have now been or may in the future be granted on said invention to us or our legal representatives, whether in the United States of America or in any other country or place anywhere in the world;
5. All substitutions for and divisions, continuations, continuations-in-part, renewals, reissues, extensions, and the like of said applications and patents and like grants, including without limitation, those obtained or permissible under past, present and future laws and statutes;
6. All rights of action on account of past, present and future unauthorized use of said invention and for infringement of said patents and like protection;

7. The right in ASSIGNEE to file in its name applications for patents and like protection for said invention in any country or countries foreign to the United States; and
8. All international rights of priority associated with said invention, applications, patents and like protection;

and we covenant that we, and our heirs, legal representatives, assigns, administrators, and executors, will, at the expense of ASSIGNEE, its successors and assigns, execute all papers and perform such other acts as may be reasonably necessary to give ASSIGNEE, its successors and assigns, the full benefit of this Assignment.

EXECUTED at the place and on the date indicated below, opposite our signatures.

ASSIGNORS

Date: 20<sup>th</sup> August 2001  
Executed at: Cambridge University

G. Amarathunga  
Name: Gehan Anil Joseph Amarathunga

Date: 20<sup>th</sup> August 2001  
Executed at: Cambridge University

Raniok  
Name: Raniok Kian Ming NG

Date: 20 August 2001  
Executed at: Cambridge University

Florin  
Name: Florin Udrea