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**Conveyance Type**

- ☒ Assignment  
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☐ Other:

**Conveying Party(ies)**

1. Chikao MAKITA
2. Hideki MIYAKE
- 3.
- 4.
- 5.
- 6.

**Execution Date(s)**

October 3, 2002  
 October 3, 2002

☐ Mark if Additional Names of Conveying Parties Attached**Receiving Party**

Name Mitsubishi Denki Kabushiki Kaisha

Name

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Address Chiyoda-ku

Address Tokyo

Japan

City

State/Country

100-8310

Zip Code

☐ Mark if Additional Names of Receiving Parties Attached**Correspondent Name and Address**

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 Attorney Docket No. 402313/SAKAI

**Pages** Enter the total number of pages of the attached conveyance document including any attachments: 2

**Application Number(s) or Patent Number(s)** 10/277799 ☐ Mark if additional numbers attached  
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**Patent Application Numbers****Patent Numbers**


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  
 October 3, 2002

**Patent Cooperation Treaty (PCT)**

Enter PCT application number *only if* a U.S. Application Number has not been assigned.

PCT	PCT	PCT
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11/04/2002 DBYRME 00000236 121216 10277799

01 FC-0021 40-00 PH

**Number of Properties**

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

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Jeffrey A. Wyand

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Assignment Tml P1

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 REEL: 013445 FRAME: 0734

# ASSIGNMENT

In consideration of the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt of which is acknowledged, the undersigned,

Chikao MAKITA and Hideki MIYAKE

of c/o Mitsubishi Denki Kabushiki Kaisha

2-3, Marunouchi 2-chome, Chiyoda-ku, TOKYO 100-8310 JAPAN  
sells, assigns, and transfers to

Mitsubishi Denki Kabushiki Kaisha

of 2-3, Marunouchi 2-chome, Chiyoda-ku, TOKYO 100-8310 JAPAN

(the Assignee), its successors and assigns, the entire right, title, and interest in and to:

(i) the application for United States Letters Patent entitled:

LOW IMPEDANCE SEMICONDUCTOR INTEGRATED CIRCUIT

which was executed by the undersigned on October 3,  
2002 or was filed on \_\_\_\_\_ and accorded Serial  
No. \_\_\_\_\_ (the Application);

(ii) any and all inventions and improvements that are described  
in the Application;

(iii) any and all United States Letters Patents that may be  
granted on the Application (the Patent);

(iv) any and all divisions, continuations, reexaminations,  
reissues, or extensions of the Application or the Patent;  
and

(v) all benefits under the International Convention for the  
Protection of Industrial Property.

I authorize the Assignee and its agents to insert in this  
instrument the filing date and serial number of the Application.

I authorize and request the Commissioner of Patents to issue  
any and all Letters Patent, when granted, to the Assignee.

Further, it is agreed that, when requested, without charge to, but at the expense of, the Assignee, the undersigned will execute all divisional, continuing, or reissue patent applications; execute all additional assignments and other writings, including reissue and reexamination papers; and provide all reasonable assistance requested by the Assignee to secure and maintain appropriate patent protection for any invention described in the Application.

INVENTOR

Date

Chikao Makita

Oct. 3, 2002

Chikao MAKITA

Hideki Miyake

Oct. 3, 2002

Hideki MIYAKE

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