

10-15-2002

FORM PTO-1596

1-31-92

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

Docket No.: 50090-533

102248812

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

## 1. Name of Conveying Party(ies):

Akihiro GOTO, Takao TAKAHASHI, Yoshio MATSUDA,  
Takashi ARITA, Koji BANDO, and Akinobu KAWAZU

10-3-02

Additional name(s) of conveying party(ies) attached? ☐ Yes

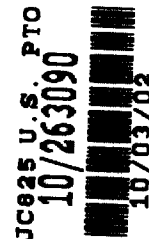
## 3. Nature of Conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other

Execution Date: July 26, July 31, 2002

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

Name: MITSUBISHI DENKI KABUSHIKI KAISHA

Address: 2-3, Marunouchi-2-chome  
Chiyoda-ku,  
Tokyo 100-8310 JAPANAdditional name(s) & address(es) attached? ☐ Yes

## 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: July 26, July 31, 2002

A. Patent Application No(s).

B. Patent No(s).

Additional numbers attached? ☐ Yes

10/263090

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

Name: MCDERMOTT, WILL &amp; EMERY

Internal Address:

Street Address: 600 13<sup>th</sup> Street, N.W.

City: Washington State: DC Zip: 20005

## 6. Total number of applications and patents involved:

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

October 3, 2002

Name and Registration No. of Person Signing

Signature

Date

Total number of pages comprising cover sheet: 1

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

10/11/2002 DBYRME 00000158 500417 10263090

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PATENT  
REEL: 013370 FRAME: 0477

536126001

ASSIGNMENT

In consideration of the premises and other good and valuable consideration in hand paid, the receipt and sufficiency of which is hereby acknowledged, the undersigned,

(1) Akihiro GOTO  
(3) Yoshio MATSUDA  
(5) Koji BANDO

(2) Takao TAKAHASHI  
(4) Takashi ARITA  
(6) Akinobu KAWAZU

who have made a certain new and useful invention, hereby sell, assign and transfer unto

Mitsubishi Denki Kabushiki Kaisha  
2-3, Marunouchi 2-chome  
Chiyoda-ku, Tokyo 100-8310  
JAPAN

its successors and assigns ( hereinafter designated "ASSIGNEE" ) the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100 in the invention entitled

DESIGN SUPPORT APPARATUS FOR SEMICONDUCTOR DEVICES

for which an application for United States Letters Patent was executed on even date herewith,

and the undersigned hereby authorize and request the United States Commissioner of Patents and Trademarks to issue any and all United States Letters Patent which may be granted therefor and any and all extensions, divisions, reissues, substitutes, renewals, continuations, or continuations-in-part thereof, and the right to all benefits under the international Convention for the Protection of Industrial Property to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agree that the attorneys of record in said application shall hereafter act on behalf of said ASSIGNEE;

AND the undersigned hereby agree to transfer a like interest, and to render all necessary assistance in making application for and obtaining original, divisional, reissued or extended Letters Patent of the United States, upon request of the said ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, in and to any improvements, and applications for patent based thereon, growing out of or related to the said invention; and to execute any papers by the said ASSIGNEE, its successors, assigns and legal representatives, deemed essential to ASSIGNEE's full protection and title in and to the invention hereby transferred.

SIGNED on the dates indicated aside our signatures:

INVENTORS

DATE SIGNED

1) AKIHIRO GOTO  
Name: Akihiro GOTO

July 26, 2002

2) TAKAO TAKAHASHI  
Name: Takao TAKAHASHI

July 31, 2002

3) YOSHIO MATSUDA  
Name: Yoshio MATSUDA

July 31, 2002

4) TAKASHI ARITA

Name: Takashi ARITA

July 31, 2002

5) Koji Bando

Name: Koji BANDO

July 31, 2002

6) Akinobu Kawazu

Name: Akinobu KAWAZU

July 31, 2002