| | Docket No.:500.39797X00 |
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| P/ | Docket No.:500.39797X00 U.S. DEPARTMENT OF COMMERC Patent and Trademark Offi |
| To the Honorable Commissioner of Patents and Trademarks: ric | 101750219 Il documents or copy thereof. |
| Name of conveying party(ies): Yasuhiro YOSHITAKE, Takeshi KATO, Toshihiko NAKATA | 2. Name and address of receiving party(ies): Name: Hitachi, Ltd. |
| 6-11-01 Additional name(s) of conveying party(ies) attached? \(\square \) Yes \(\sqrap \) No | Street Address: 6, Kanda Surugadai 4-chome, Chiyoda-ku |
| 3. Nature of conveyance: Assignment | City: Tokyo: |
| Other | Country: Japan |
| Execution Date: May 15,10,24, 2001 | Additional name(s) & address(es) attached? Yes X No |
| 4. Application number(s) or patent number(s): | |
| If this document is being filed together with a new application, | the execution date of the application is: |
| A. Patent Application No.(s) U.S. Serial No. 09/796,613 filed March 2, 2001 | B. Patent No.(s) |
| Additional numbers attached? Yes No | |
| 5. Name and address of party to whom correspondence concerning document should be mailed: | 6. Total number of applications and patents involved: 1 |
| Name: ANTONELLI, TERRY, STOUT & KRAUS, LLP | 7. Total fee (37 CFR 3.41)\$40.00 |
| Internal Address: | Enclosed Any deficiencies may be charged to deposit account Authorized to be charged to deposit account |
| Street Address: 1300 North Seventeenth Street Suite 1800 | 8. Deposit account number: 01-2135 |
| City: Arlington State: VA Zip: 22209 | (Attach duplicate copy of this page if paying by deposit account) |
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| | 40E |
| 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. | |
| Melvin Kraus Name of Person Signing Attorney Registration No. 22,466 Total number of pages including cover sheet, attachments, and document: 2 | June 11, 2001 Date |
| OMB No. 0651-0011 (exp. 4/94) | |
| 06/13/2001 AZERGAW1 00000046 09796613 02 FC:581 | |

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PATENT REEL: 011884 FRAME: 0990

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ASSIGNMENT

(譲渡証)

As a below named inventor, I hereby declare that:

IN CONSIDERATION of the sum of One Dollar (\$1.00) or the equivalent thereof, and other good and valuable consideration paid to me citizen of Japan by HITACHI, LTD., a corporation organized under the laws of Japan, located at 6, Kanda Surugadai 4-chome, Chiyoda-ku, Tokyo, Japan, receipt of which is hereby acknowledged I do hereby sell and assign to said HITACHI, LTD., its successors and assigns, all my right, title and interest, in and for the United States of America, in and to

PROCESS AND APPARATUS FOR MANUFACTURING SEMICONDUCTOR DEVICE

*U.S. Serial No.09/796613 filed on March 2, 2001 invented by me (if only one is named below) or us (if plural inventors are named below) and described in the application for United States Letters Patent therefor, executed on even date herewith, and all United States Letters Patent which may be granted therefor, and all divisions, continuations and extensions thereof, the said interest being the entire ownership of the said Letters Patent when granted, to be held and enjoyed by said HITACHI, LTD., its successors, assigns or other legal representatives, to the full end of term for which said Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by me or us if this assignment and sale had not been made;

And I hereby agree to sign and execute any further documents or instruments which may be necessary, lawful, and proper in the prosecution of the above-named application or in the preparation and prosecution of any continuing, continuation-in-part, substitute, divisional, renewal, reviewed or reissue applications or in any amendment, extension, or interference proceedings, or otherwise to secure the title thereto in said assignee;

And I do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to said HITACHI, LTD.

Signed on the date(s) indicated aside signatures:

INVENTOR/S

RECORDED: 06/11/2001

| (発明者フルネームサイン) | (署名日) |
|---------------------|---------------|
| 1) Josepho Justach | May 15, 2001 |
| 2) Takeshi Halo | May. 10 2001 |
| 3) Toshikilo Rabuto | May. 24. 2001 |
| 4) | |
| 5) | |
| 6) | |
| 7) | |
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PATENT REEL: 011884 FRAME: 0991

Data Classed