To the Honorable Commissioner of Patents and Trademarks:

1. Name of conveying party(ies):
   Hidetoshi Nishiyama

Additional name(s) of conveying parties attached? ☑ Yes □ No

2. Name and address of receiving party(ies):
   Hitachi, Ltd.
   6, Kanda Surugadai 4-chome
   Chiyoda-ku
   Tokyo, Japan

Additional names and addresses attached? ☑ Yes □ No

3. Nature of conveyance:
   ☑ Assignment  □ Merger
   □ Security Agreement  □ Change of Name
   □ Other: ____________________________

Execution Date: July 12, 2001

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: July 12, 2001

   A. Patent Application No(s): ____________________________
   B. Patent No(s): ____________________________

   Additional numbers attached? □ Yes ☑ No

5. Name and address of party to whom correspondence concerning document should be mailed:
   Name: Robert C. Colwell
   TOWNSEND AND TOWNSEND AND CREW LLP
   Two Embarcadero Center, 8th Floor
   San Francisco, California 94111-3834
   (415) 576-0200

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: 20-1430
   (Attach duplicate copy of this page if paying by deposit account)

   To the best of my knowledge and belief, the foregoing is true and correct and any attached copy is a true copy of the original document.

   Robert C. Colwell
   Name of Person Signing
   Atty. Reg. No. 27,431
   Signature
   August 17, 2001
   Date

Total number of pages including cover sheet, attachments and document: 3

Mail documents to be recorded with required cover to:
Commissioner of Patents and Trademarks, Box Assignments
Washington, D.C. 20231
1. Additional name(s) of conveying party(ies):
   (Continued from Page 1)
   Minoru Noguchi
   Yoshimasa Ooshima
   Akira Hamamatsu
   Kenji Watanabe
   Tetsuya Watanabe
   Takahiro Jingu

2. Additional name(s) and address(es) of receiving party(ies):
   (Continued from Page 1)
   Hitachi Electronics Engineering Co., Ltd.
   16-3, Higashi 3-chome
   Shibuya-ku
   Tokyo, Japan

3. Additional application number(s) or patent number(s):
   (Continued from Page 1)
   A. Patent Application No.(s)  
   B. Patent No.(s)
ASSIGNMENT
(转让证书)

IN CONSIDERATION of the sum of One Dollar ($1.00) or the equivalent thereof, and other good and valuable consideration paid to Hidetoshi NISHIYAMA, Minoru NOGUCHI, Yoshimasa OOSIMA, Akira HAMAMATSU, Kenji WATANABE, Tetsuya WATANABE, and Takahiro JINGU, citizens of Japan by HITACHI, LTD., and Hitachi Electronics Engineering Co., Ltd., corporations organized under the laws of Japan, located at 6, Kanda Surugadai 4-chome, Chiyoda-ku, Tokyo, Japan, and F-Nissei Fbisu Bldg., 16-3, Higashi 3-chome, Shibuya-ku, Tokyo, Japan, respectively, receipt of which is hereby acknowledged, we, the said Hidetoshi NISHIYAMA, Minoru NOGUCHI, Yoshimasa OOSIMA, Akira HAMAMATSU, Kenji WATANABE, Tetsuya WATANABE, and Takahiro JINGU, do hereby sell and assign to said HITACHI, LTD., and Hitachi Electronics Engineering Co., Ltd., their successors and assigns, all our right, title and interest, in and for the United States of America, in and to A Method and its Apparatus for Inspecting Particles or Detects of a Semiconductor Device invented by us 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., and Hitachi Electronics Engineering Co., Ltd., their 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 us if this assignment and sale had not been made;

And we hereby agree to sign and execute any further documents or instruments which may be necessary, lawful, and proper in the prosecution of said 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 we do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to said HITACHI, LTD., and Hitachi Electronics Engineering Co., Ltd.,

Signed on the date(s) indicated aside signatures:

INVENTOR(S)  Date Signed
(发明者フルネームサイン) (署名日)

1) Hidetoshi NISHIYAMA  Jul 12, 2001

2) Minoru NOGUCHI  Jul 12, 2001

3) Yoshimasa OOSIMA  Jul 13, 2001

4) Akira HAMAMATSU  Jul 13, 2001

5) Kenji WATANABE  Jul 12, 2001

6) Tetsuya WATANABE  Jul 13, 2001

7) Takahiro JINGU  Jul 13, 2001

8) 

9) 

RECORDED: 08/17/2001
PATENT
REEL: 012105 FRAME: 0015