To the Honorable Commissioner of Patents and Trademarks:

1. Name of conveying party(ies):
   (1) Hidenao SUZUKI; (2) Tsutomu NAKADA; (3) Masahito ABE; (4) Masao SAITO

   10-14-98

Additional name(s) of conveying party(ies) attached? No

3. Nature of conveyance:
   - Assignment
   - Security Agreement
   - Change of Name
   - Other

   Execution Date: October 6, 1998

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: October 6, 1998

   A. Patent Application No.(s)

   B. Patent No.(s)

   Additional numbers attached? No

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

   Name: WENDROTH, LIND & PONACK

   Internal Address: Attn: Mr. Jeffrey Nolton

   Street Address: 2033 "K" Street, N.W., Suite 800

   City: Washington, State: DC, ZIP: 20006

6. Total number of applications and patents involved: 1

7. Total fee (37 C.F.R. § 3.41). . . . . . . . $ 40.00
   - Enclosed [Check No. 20194]
   - Authorized to be charged to deposit account

8. Deposit account number: 23-0975

   (Attach duplicate copy of this page if paying by deposit account)


   Jeffrey Nolton, Reg. No. 25,408
   Name of Person Signing

   Signature

   Date: October 14, 1998

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

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents and Trademarks
Box Assignments
Washington, D.C. 20231
ASSIGNMENT

In consideration of the sum of One Dollar ($1.00) and other good and valuable consideration paid to each of the undersigned

Hidenao SUZUKI, Tsutomu NAKADA, Masahito ABE and

Masao SAITO

the undersigned hereby sell(s) and assign(s) to

Ebara Corporation

of 11-1 Haneda Asahi-cho, Ohta-ku, Tokyo, Japan

(hereinafter designated as the Assignee) the entire right, title and interest for the United States as defined in 35 USC 100, in the invention known as

CHEMICAL VAPOR DEPOSITION APPARATUS AND CLEANING METHOD THEREOF

for which an application for patent in the United States has been executed by the undersigned on

October 6, 1998

The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division or reissue thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.

The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patents of the United States resulting from said application or any division or divisions or continuing or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.
The undersigned hereby grant(s) the firm of WENDEROTH, LIND & PONACK, L.L.P., 2033 K Street, N.W., Suite 800, Washington, DC 20006, the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent Office for recordation of this document.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date October 6, 1998, Name of Inventor Hideno SUZUKI
Date October 6, 1998, Name of Inventor Tsutomu NAKADA
Date October 6, 1998, Name of Inventor Masahito ABE
Date October 6, 1998, Name of Inventor Masao SAITO

Date _______________, Name of Inventor ________________________________

Date _______________, Name of Inventor ________________________________

(This assignment should preferably be acknowledged before a United States Consul. If not, then the execution by the Inventor(s) should be witnessed by at least two witnesses who sign here.)

Witness Naoaki OSHINE
Witness Yukio FUKUNAGA

ACKNOWLEDGEMENT

This _______________ day of _____________________, 19_____, before me personally came the above-named ________________________________

______________________________
Official Signature

______________________________
Official Title

The above application may be more particularly identified as follows:

U.S. Application Serial No. ___________________________ Filing Date ___________________________
Applicant Reference Number ___________________________ Atty Docket No. ___________________________
Title of Invention __________________________________

RECORDED: 10/14/1998