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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PATENT APPLICATION
Attorney's Do. No. 5204-27

BOX ASSIGNMENT

Commissioner of Patents and Trademarks
Washington, D.C. 20231

10/046943
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Please record the attached original document or copy thereof and return the recorded instrument to the undersigned.

1. Name of party(ies) conveying an interest: Kyung Sik SHIM
2. Name and address of party(ies) receiving an interest: JUSUNG ENGINEERING CO., LTD.
49 Neungpyeon-ri, Opo-myeun, Kwangju-gun,
Kyunggi-do 464-890, Rep. of Korea

3. Description of the interest conveyed:

☒ Assignment ☐ Change of Name ☐ Security Agreement ☐ Merger

Date of execution of attached document: January 4, 2002

4. Application number(s) or patent number(s). Additional sheet attached? Yes ___ No X

If this document is being filed together with a new application, the execution date of the application is:
January 4, 2002.

A. Patent Application No. B. Patent No.

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

Alan T. McCollom
MARGER JOHNSON & McCOLLOM, P.C.
1030 S.W. Morrison Street
Portland, Oregon 97205

6. Number of applications and patents involved: 1
7. PTO Form 2038 is enclosed authorizing credit card payment of \$410, which includes the \$40 assignment recordal fee.
8. Any deficiency or overpayment should be charged or credited to deposit account number 13-1703.
9. 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.

Dated: January 14, 2002

Respectfully submitted,

MARGER JOHNSON & McCOLLOM, P.C.

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01 FD:581 40.00 CR

Alan T. McCollom
Reg. No. 28,881

MARGER JOHNSON & McCOLLOM, P.C.
1030 SW Morrison Street
Portland, OR 97205
Phone (503) 222-3613
Fax: (503) 274-4622

Total number of pages comprising
cover sheet and attached assignment: 3

PATENT
REEL: 012516 FRAME: 0813

ASSIGNMENT**Assignor:** Kyung Sik SHIMAddress: 113-902 Hyundai Apt., 1932-6 Eunhang-1dong, Jungwon-ku,
Songnam-shi, Kyunggi-do 462-834, Rep. of Korea**Assignee:** JUSUNG ENGINEERING Co., Ltd.Address: 49 Neungpyeong-ri, Opo-myeun, Kwangju-gun,
Kyunggi-do 464-890, Rep. of Korea

Title of

Invention: SINGLE WAFER LPCVD APPARATUS

U.S. Patent Application:

Application Serial No.:

Filing Date:

For good and valuable consideration, the receipt of which is hereby acknowledged, the above-named Assignor hereby sells, assigns and transfers to Assignee, the full and exclusive right, title and interest in and to the above-identified invention, patent application and patent rights throughout the world, including foreign patent priority rights; said invention, application and letters patent in this or any foreign country, and all divisions, continuations, reissues and extensions thereof, to be held and enjoyed by Assignee, for its own use and benefit, and for its successors and assigns to the full end of the term for which letters patent may be granted in this or any foreign country, as fully and entirely as the same would have been held by Assignor had this assignment and sale not been made, and covenant that Assignor has full right so to do, and agree that Assignor will communicate to Assignee, or its successors and assigns, any facts known to Assignor respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths, and do everything possible to aid Assignee, its successors and assigns to obtain and enforce proper patent protection for said invention in this or any foreign country.

In the event that the patent application filing date or serial number is not known at the time this document is executed, Assignor hereby grants permission to the attorneys of record in the patent application to fill in the filing date and/or serial number above, and to record this assignment after such information is added.

Executed at Kwangju, this 4th day of January, 2002.

K. S. Shim

Assignor : Kyung Sik SHIM