

IN THE UNITED

01-02-2003

FICE

In re patent application of: Kyung Woo PARK; J



102326518

Application No: Unknown
Filed: Herewith

For: METHOD OF FORMING RUTHENIUM THIN FILM USING PLASMA
ENHANCED PROCESS

J1011 U.S. PTO
10/326769
12/20/02

Assistant Commissioner of Patents
Washington, D.C. 20231

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 Woo PARK; Jung Hwan CHOI; and Young Ki HAN 12-20-02
- 2. Name and address of party(ies) receiving joint interest: Jusung Engineering Co., Ltd.
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Kyunggio-Do 464-8900, Rep. of Korea

3. Description of the interest conveyed: ASSIGNMENT

Date of execution of attached document: December 4, 2002

4. Application number(s) or patent number(s). Additional sheet attached? NO 10326769

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

A. Patent Application No.

B. Patent No.

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

Hosoon Lee
MARGER JOHNSON & McCOLLOM, P.C.
1030 S.W. Morrison Street
Portland, Oregon 97205

6. Number of applications and patents involved: 1

7. Enclosed is our VISA PTO Form 2038 authorizing credit card payment for \$419 and included is the is \$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: December 20, 2002

Respectfully submitted,

MARGER JOHNSON & McCOLLOM, P.C.

Hosoon Lee
Limited Recognition Under 37 CFR § 10.9(b)

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

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Title of

Invention: METHOD OF FORMING RUTHENIUM THIN FILM USING PLASMA
ENHANCED PROCESSU.S. Patent Application:

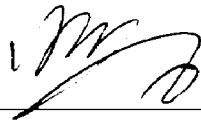
Application Serial No.:

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.

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



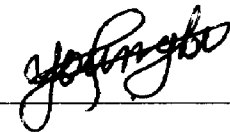
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