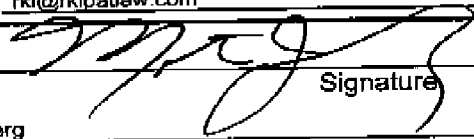


Form PTO-1595 (Rev. 09/04)
OMB No. 0651-0027 (exp. 6/30/2005)

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| RECORDATION FORM COVER SHEET PATENTS ONLY | |
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| To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below. | |
| 1. Name of conveying party(ies)/Execution Date(s): BEEN-JON WOO Execution Date(s) 10/14/2004 Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | 2. Name and address of receiving party(ies) Name: GRACE SEMICONDUCTOR MANUFACTURING CORPORATION Internal Address: _____ _____ Street Address: 618 Guoshoujing Road, Zhangjiang Hi-Tech Park City: Shanghai 201203 State: _____ Country: China Zip: _____ Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| 3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Government Interest Assignment <input type="checkbox"/> Executive Order 9424, Confirmatory License <input type="checkbox"/> Other _____ | 4. Application or patent number(s): <input type="checkbox"/> This document is being filed together with a new application. A. Patent Application No.(s) 10/968,103 B. Patent No.(s) Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| 5. Name and address to whom correspondence concerning document should be mailed: Name: Morton J. Rosenberg, Esq. Internal Address: Rosenberg, Klein & Lee _____ Street Address: 3458 Ellicott Center Drive, Suite 101 City: Ellicott City State: MD Zip: 21043 Phone Number: 410-465-6678 Fax Number: 410-461-3067 Email Address: rkl@rkpatlaw.com | 6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00 <input type="checkbox"/> Authorized to be charged by credit card <input checked="" type="checkbox"/> Authorized to be charged to deposit account <input type="checkbox"/> Enclosed <input type="checkbox"/> None required (government interest not affecting title) 8. Payment Information a. Credit Card Last 4 Numbers _____ Expiration Date _____ b. Deposit Account Number 18-2011 Authorized User Name _____ |
| 9. Signature:  28 October 2004 Signature Date Morton J. Rosenberg Name of Person Signing Total number of pages including cover sheet, attachments, and documents: 2 | |

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:
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CH \$40.00 18/2011 10968103

This assignment agreement is applicable to an invention entitled (invention title) _____

SIMPLIFIED DUAL DAMASCENE PROCESS

This PATENT RIGHT referred to in this agreement are:

- (check one) ☒ a Patent Application for this invention, executed by the ASSIGNOR(S) concurrently with this Assignment
☒ U.S. Patent Application Serial No. 10/968,103, filed 10/20/2004
☐ U.S. Patent No. _____, issued _____

The PATENT RIGHT assigned under this agreement are:

- (check one) ☒ U.S. Patent rights only
☐ worldwide Patent rights. In this case, the assignee shall have the right to claim the benefit of the filing date of any U.S. Patent Application identified above.

The ASSIGNOR(S) referred to in this agreement is (or are):

(Full name of first assignor) Been Jon Woo ☒
 (Address) 818 Guoshoujing Road, Zhangjiang Hi-Tech Park, Shanghai 201203, China.
 (Full name of second joint inventor, if any) _____
 (Address) _____
 (Full name of third joint inventor, if any) _____
 (Address) _____
 (Full name of fourth joint inventor, if any) _____
 (Address) _____

The First ASSIGNEE referred to in this agreement is:

(Name of Assignee) Grace Semiconductor Manufacturing Corporation
 (Address) 818 Guoshoujing Road, Zhangjiang Hi-Tech Park, Shanghai 201203, China.

The Second ASSIGNEE referred to in this agreement is:

(Name of Assignee) _____
 (Address) _____

The Third ASSIGNEE referred to in this agreement is:

(Name of Assignee) _____
 (Address) _____

The First ASSIGNEE is

- (check one) ☐ an individual
☐ a partnership
☒ a Corporation of China
 (state or Country)

The Second ASSIGNEE is

- (check one) ☐ an individual
☐ a partnership
☐ a Corporation of _____
 (state or Country)

The Third ASSIGNEE is

- (check one) ☐ an individual
☐ a partnership
☐ a Corporation of _____
 (state or Country)

The ASSIGNOR(S), in consideration of \$1.00 paid by the ASSIGNEE, and other good and valuable consideration, receipt of which is acknowledged, have and do hereby assign the following to each ASSIGNEE; their successors and assigns:

the full and exclusive right to the invention;
 an equal interest in and to the entire right, title and interest in and to the PATENT RIGHTS in the invention; all continuations, continuations-in-part, divisionals, re-issues, and re-examination patents and patent applications; and the right to claim priority under 35 U.S.C. 119, based on any earlier foreign applications for this invention.

As to all U.S. Patent Applications assigned under this Agreement, the ASSIGNOR(s) hereby authorize(s) and request(s) the Director of Patents and Trademarks to issue all Letters Patent to the ASSIGNEE(s) as the ASSIGNEE(s) of an equal interest in the entire right, title and interest, for the sole use and enjoyment of said ASSIGNEE(s), their successors and assigns.

Further, the ASSIGNOR(s) agree(s) to communicate to said ASSIGNEE(s), or their representatives, any facts known to the ASSIGNOR(s) respecting said invention, and testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, Continuation-in part, substitute, renewal, reexamination and reissue applications, execute all necessary assignment papers to cause any and all Letters Patent to be issued to said ASSIGNEE(s), make all rightful oaths and generally do everything necessary or desirable to aid said ASSIGNEE(s), their successors and assigns, to obtain an enforced proper protection for said invention.

Been Jon Woo
 (Signature of sole or first assignor)

10/14/2004

(Date)

(Signature of second assignor, if any)

(Date)

(Signature of third assignor, if any)

(Date)

(Signature of fourth assignor, if any)

(Date)