# Electronic Version v1.1

Stylesheet Version v1.1

| SUBMISSION TYPE:   |   | NEW ASSIGNMENT  |            |   |  |
|--|---|---|------------|---|--|
| NATURE OF CONVEYANCE:  |   | ASSIGNMENT  |            |   |  |
| CONVEYING PARTY D  | ΑΤΑ   |   |            |   |  |
|  | N   | lame Execution Date   |            |   |  |
| Chang-Huhn LEE   |   | 05/21/2007  |            |   |  |
| Seok-Woo HONG  |   |   | 05/21/2007 |   |  |
| RECEIVING PARTY DATA   |   |   |            |   |  |
| Name:  | Samsung Electronics Co., Ltd.   |   |            |   |  |
| Street Address:  | 416 Maetan-Dong, Yeongtong-Gu, Suwon-Si,  |   |            |   |  |
| City:  | Yeonggi-do  |   |            |   |  |
| State/Country:   | KOREA, REPUBLIC   | C OF  |            |   |  |
|  | pe  | Number  |            |   |  |
| PROPERTY NUMBERS Total: 1 Property Type Number   |   |   |            |   |  |
| Application Number:  | pe 11618  |   |            | I |  |
| Application Number:  | 11618   |   |            |   |  |
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| Application Number:  | 11618   | 3360  |            |   |  |
| Application Number:<br>CORRESPONDENCE<br>Fax Number:<br><i>Correspondence will be</i>  | DATA<br>(503)274-4622<br>e sent via US Mail w   | 3360  |            |   |  |
| Application Number:<br>CORRESPONDENCE<br>Fax Number:<br><i>Correspondence will be</i><br>Phone:  | DATA<br>(503)274-4622<br>e sent via US Mail w<br>503-222-3613   | 3360<br>2<br>2 when the fax attempt is unsuccessful.  |            |   |  |
| Application Number:<br>CORRESPONDENCE<br>Fax Number:<br><i>Correspondence will be</i><br>Phone:<br>Email:  | DATA<br>(503)274-4622<br>e sent via US Mail w<br>503-222-3613<br>docketing@ted  | 3360<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2 |            |   |  |
| Application Number:<br>CORRESPONDENCE<br>Fax Number:<br><i>Correspondence will be</i><br>Phone:  | DATA<br>(503)274-4622<br>e sent via US Mail w<br>503-222-3613<br>docketing@teo<br>Marger Johnso   | 3360<br>2<br>2 when the fax attempt is unsuccessful.  |            |   |  |
| Application Number:<br>CORRESPONDENCE<br>Fax Number:<br><i>Correspondence will be</i><br>Phone:<br>Email:<br>Correspondent Name:                                       | DATA<br>(503)274-4622<br>e sent via US Mail w<br>503-222-3613<br>docketing@teo<br>Marger Johnso   | 2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2         |            |   |  |
| Application Number:<br>CORRESPONDENCE<br>Fax Number:<br><i>Correspondence will be</i><br>Phone:<br>Email:<br>Correspondent Name:<br>Address Line 1:                    | 11618<br>(503)274-4622<br>(503)274-4622<br>(503-222-3613)<br>(503-222-3613)<br>(503-222-3613)<br>(503-222-3613)<br>(503-222-3613)<br>(503-222-3613)<br>(503-222-3613)<br>(503-222-3613)<br>(503-222-3613)<br>(503-222-3613)<br>(503-222-3613)<br>(503-222-3613)<br>(503-222-3613)<br>(503-222-3613)<br>(503-222-3613)<br>(503-222-3613)<br>(503-222-3613)<br>(503-222-3613)<br>(503-222-3613)<br>(503-222-3613)<br>(503-222-3613)<br>(503-222-3613)<br>(503-222-3613)<br>(503-222-3613)<br>(503-222-3613)<br>(503-222-3613)<br>(503-222-3613)<br>(503-222-3613)<br>(503-222-3613)<br>(503-222-3613)<br>(503-222-3613)<br>(503-222-3613)<br>(503-222-3613)<br>(503-222-3613)<br>(503-222-3613)<br>(503-222-3613)<br>(503-222-3613)<br>(503-222-3613)<br>(503-222-3613)<br>(503-222-3613)<br>(503-222-3613)<br>(503-222-3613)<br>(503-222-3613)<br>(503-222-3613)<br>(503-222-3613)<br>(503-222-3613)<br>(503-222-3613)<br>(503-222-3613)<br>(503-222-3613)<br>(503-222-3613)<br>(503-222-3613)<br>(503-221)<br>(503-222-3613)<br>(503-221)<br>(503-221)<br>(503-221)<br>(503-221)<br>(503-221)<br>(503-221)<br>(503-221)<br>(503-221)<br>(503-221)<br>(503-221)<br>(503-221)<br>(503-221)<br>(503-221)<br>(503-221)<br>(503-221)<br>(503-221)<br>(503-221)<br>(503-221)<br>(503-221)<br>(503-221)<br>(503-221)<br>(503-221)<br>(503-221)<br>(503-221)<br>(503-221)<br>(503-221)<br>(503-221)<br>(503-221)<br>(503-221)<br>(503-221)<br>(503-221)<br>(503-221)<br>(503-221)<br>(503-221)<br>(503-221)<br>(503-221)<br>(503-221)<br>(503-221)<br>(503-221)<br>(503-221)<br>(503-221)<br>(503-221)<br>(503-221)<br>(503-221)<br>(503-221)<br>(503-221)<br>(503-221)<br>(503-221)<br>(503-221)<br>(503-221)<br>(503-221)<br>(503-221)<br>(503-221)<br>(503-221)<br>(503-221)<br>(503-221)<br>(503-221)<br>(503-221)<br>(503-221)<br>(503-221)<br>(503-221)<br>(503-221)<br>(503-221)<br>(503-221)<br>(503-221)<br>(503-221)<br>(503-221)<br>(503-221)<br>(503-221)<br>(503-221)<br>(503-221)<br>(503-221)<br>(503-221)<br>(503-221)<br>(503-221)<br>(503-221)<br>(503-221)<br>(503-221)<br>(503-221)<br>(503-221)<br>(503-221)<br>(503-221)<br>(503-221)<br>(503-221)<br>(503-221)<br>(503-221)<br>(503-221)<br>(503-221)<br>(503-221)<br>(503-221)<br>(503-221)<br>(503-221)<br>(503-221)<br>(503-221)<br>(503-221)<br>(503-221)<br>(503-221)<br>(503-221)<br>(503-221)<br>(503-221)<br>(503-221)<br>(503-221)<br>(503-221)<br>(503-221)<br>(503-221)<br>(503-221)<br>(503-221)<br>(503-221)<br>(503-221)<br>(503-221)<br>(503-221)<br>(503-221)<br>(503-221)<br>(503-221)<br>(503-221)<br>(503-221)<br>(503-221)<br>(503-221)<br>(503-221)<br>(503-221)<br>(503-221)<br>(503-221)<br>(5                      | 2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2         |            |   |  |
| Application Number:<br>CORRESPONDENCE<br>Fax Number:<br><i>Correspondence will be</i><br>Phone:<br>Email:<br>Correspondent Name:<br>Address Line 1:<br>Address Line 4: | 11618<br>(503)274-4622<br>(503)274-4622<br>(503-222-3613)<br>(503-222-3613)<br>(503-222-3613)<br>(503-222-3613)<br>(503-222-3613)<br>(503-222-3613)<br>(503-222-3613)<br>(503-222-3613)<br>(503-222-3613)<br>(503-222-3613)<br>(503-222-3613)<br>(503-222-3613)<br>(503-222-3613)<br>(503-222-3613)<br>(503-222-3613)<br>(503-222-3613)<br>(503-222-3613)<br>(503-222-3613)<br>(503-222-3613)<br>(503-222-3613)<br>(503-222-3613)<br>(503-222-3613)<br>(503-222-3613)<br>(503-222-3613)<br>(503-222-3613)<br>(503-222-3613)<br>(503-222-3613)<br>(503-222-3613)<br>(503-222-3613)<br>(503-222-3613)<br>(503-222-3613)<br>(503-222-3613)<br>(503-222-3613)<br>(503-222-3613)<br>(503-222-3613)<br>(503-222-3613)<br>(503-222-3613)<br>(503-210)<br>(503-222-3613)<br>(503-210)<br>(503-210)<br>(503-210)<br>(503-210)<br>(503-210)<br>(503-210)<br>(503-210)<br>(503-210)<br>(503-210)<br>(503-210)<br>(503-210)<br>(503-210)<br>(503-210)<br>(503-210)<br>(503-210)<br>(503-210)<br>(503-210)<br>(503-210)<br>(503-210)<br>(503-210)<br>(503-210)<br>(503-210)<br>(503-210)<br>(503-210)<br>(503-210)<br>(503-210)<br>(503-210)<br>(503-210)<br>(503-210)<br>(503-210)<br>(503-210)<br>(503-210)<br>(503-210)<br>(503-210)<br>(503-210)<br>(503-210)<br>(503-210)<br>(503-210)<br>(503-210)<br>(503-210)<br>(503-210)<br>(503-210)<br>(503-210)<br>(503-210)<br>(503-210)<br>(503-210)<br>(503-210)<br>(503-210)<br>(503-210)<br>(503-210)<br>(503-210)<br>(503-210)<br>(503-210)<br>(503-210)<br>(503-210)<br>(503-210)<br>(503-210)<br>(503-210)<br>(503-210)<br>(503-210)<br>(503-210)<br>(503-210)<br>(503-210)<br>(503-210)<br>(503-210)<br>(503-210)<br>(503-210)<br>(503-210)<br>(503-210)<br>(503-210)<br>(503-210)<br>(503-210)<br>(503-210)<br>(503-210)<br>(503-210)<br>(503-210)<br>(503-210)<br>(503-210)<br>(503-210)<br>(503-210)<br>(503-210)<br>(503-210)<br>(503-210)<br>(503-210)<br>(503-210)<br>(503-210)<br>(503-210)<br>(503-210)<br>(503-210)<br>(503-210)<br>(503-210)<br>(503-210)<br>(503-210)<br>(503-210)<br>(503-210)<br>(503-210)<br>(503-210)<br>(503-210)<br>(503-210)<br>(503-210)<br>(503-210)<br>(503-210)<br>(503-210)<br>(503-210)<br>(503-210)<br>(503-210)<br>(503-210)<br>(503-210)<br>(503-210)<br>(503-210)<br>(503-210)<br>(503-210)<br>(503-210)<br>(503-210)<br>(503-210)<br>(503-210)<br>(503-210)<br>(503-210)<br>(503-210)<br>(503-210)<br>(503-210)<br>(503-210)<br>(503-210)<br>(503-210)<br>(503-210)<br>(503-210)<br>(503-210)<br>(503-210)<br>(503-210)<br>(503-210)<br>(503-210)<br>(503-210)<br>(503-210)<br>(503-210)<br>(503-210)<br>(503-210)<br>(503-210)<br>(503-210)<br>(503-210)<br>(503-210)<br>(503-210)<br>(503-210)<br>(503-210)<br>(5 | 2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2         |            |   |  |

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#### ASSIGNMENT

#### U.S.A. Patent Application Sole or Joint For Inventions Made Outside U.S.A. Executed With Application

In consideration of the sum of Ten Dollars (10.00) and other good and valuable considerations paid to each of the undersigned, to wit:

(1) Chang-Huhn LEE

(2) Seok-Woo HONG

X if continued on separate page

the receipt and sufficiency of which are hereby acknowledged by the undersigned who hereby sell(s), assign(s) and transfer(s) unto:

SAMSUNG ELECTRONICS CO., LTD. 416 MAETAN-DONG, YEONGTONG-GU SUWON-SI, GYEONGGI-DO REPUBLIC OF KOREA

(hereinafter designated "ASSIGNEE") the entire right, title and interest in and to the invention as defined in 35 USC §100, for the United States of America, the invention entitled:

#### SEMICONDUCTOR WAFER ANALYSIS SYSTEM

for which an application for Letters Patent of the United States of America was filed on December 29, 2006 as Application No. 11/618,360 has been executed even date herewith by the undersigned, and in and to any and all divisionals, continuations, substitutes, and reissues thereof; and all resulting patents and the undersigned hereby authorizes and requests the United States Assistant Commissioner of Patents to issue said Letters Patent to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agrees that the attorneys of record in said application shall hereafter act on behalf of said ASSIGNEE;

And the undersigned hereby agrees to testify and execute any papers for ASSIGNEE, its successors, assigns and legal representatives, deemed essential by ASSIGNEE to ASSIGNEE'S full protection and title in and to the invention hereby transferred.

1

## PATENT REEL: 019371 FRAME: 0514

Please sign <u>concurrently</u> with Oath or Declaration and Power of Attorney

### SIGNED ON THE DATES INDICATED BESIDE OUR SIGNATURES:

| INVENTOR(S)               | DATE SIGNED | WITNESSED |  |
|---------------------------|-------------|-----------|--|
| (1) ChangHulin LEE        | 21. 5, 2001 |           |  |
| (2) 7 fy<br>Seok-Woo HONG | 21. 5.2007  |           |  |

PLEASE RETURN RECORDED ASSIGNMENT TO:

Alan T. McCollom Marger Johnson & McCollom 210 S.W. Morrison Street, Suite 400 Portland, OR 97204

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RECORDED: 06/01/2007