

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Young-Ho Hong</td><td>09/24/2008</td></tr><tr><td>Hyon-Jong Cho</td><td>09/24/2008</td></tr><tr><td>Sung-Young Lee</td><td>09/24/2008</td></tr><tr><td>Seung-Ho Shin</td><td>09/24/2008</td></tr><tr><td>Hong-Woo Lee</td><td>09/24/2008</td></tr></tbody></table>	Name	Execution Date	Young-Ho Hong	09/24/2008	Hyon-Jong Cho	09/24/2008	Sung-Young Lee	09/24/2008	Seung-Ho Shin	09/24/2008	Hong-Woo Lee	09/24/2008	
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Hong-Woo Lee	09/24/2008												
RECEIVING PARTY DATA													
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Postal Code:	730-724												
PROPERTY NUMBERS Total: 1													
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>12244283</td></tr></tbody></table>	Property Type	Number	Application Number:	12244283									
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Application Number:	12244283												
CORRESPONDENCE DATA													
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PATENT
REEL: 021624 FRAME: 0195

NAME OF SUBMITTER:

B. Joe Kim

Total Attachments: 2

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ASSIGNMENT

FOR VALUE RECEIVED, the receipt of which is hereby acknowledged, the following inventor or inventors (hereinafter called "ASSIGNOR")

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hereby assigns, transfers and sets over to:

Name: SILTRON INC.

Address: 274 Imsoo-dong, Gumi-city, Gyeongsangbuk-do 730-724, Republic of Korea

(hereinafter called "ASSIGNEE"), the entire worldwide right, title and interest in and to the invention known as:

METHOD AND APPARATUS FOR MANUFACTURING AN ULTRA LOW DEFECT SEMICONDUCTOR SINGLE CRYSTALLINE INGOT

for which a United States Patent Application was executed on even date herewith or, if not so executed, was:

- (a) executed on _____ ; or
(b) filed on _____
Serial No. _____ / _____ ;

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application or any additional, continuing, or divisional application thereof;(b) to cooperate with ASSIGNEE in every way possible in obtaining evidence and going forward in any such proceedings; and (c) to perform all other affirmative acts which may be necessary or desirable to obtain a grant of a valid patent for said invention.

(2) ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks of the United States to issue any and all Letters Patent that may be granted upon any patent application or any additional, continuing or divisional applications thereof to the ASSIGNEE, its successors and assigns.

(3) ASSIGNOR hereby covenants and warrants that he has full right to convey the entire right, title and interest by this instrument, free of any encumbrances and that no other agreement has been or will be executed in conflict herewith.

(4) ASSIGNOR hereby grants to the law firm of GREER, BURNS & CRAIN, LTD. of Chicago, Illinois, authority and power to insert on this instrument any further identification which may be necessary or desirable for purposes of recordation in the United States Patent and Trademark Office or a Patent Office of any foreign country.

Date September 24, 2008

Signature of inventor Hong, Young-Ho
HONG, Young-Ho

Date September 24, 2008

Signature of inventor Cho Hyun-Jong
CHO, Hyun-Jong

Date September 24, 2008

Signature of inventor LEE Sung-Young
LEE, Sung-Young

Date September 24, 2008

Signature of inventor SHIN, Seung-Ho
SHIN, Seung-Ho

Date September 24, 2008

Signature of inventor LEE Hong-Woo
LEE, Hong-Woo