

PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:	NEW ASSIGNMENT								
NATURE OF CONVEYANCE:	ASSIGNMENT								
CONVEYING PARTY DATA									
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Kwang Jun CHO</td> <td>02/28/2007</td> </tr> <tr> <td>Kie Bong KU</td> <td>02/28/2007</td> </tr> </tbody> </table>		Name	Execution Date	Kwang Jun CHO	02/28/2007	Kie Bong KU	02/28/2007		
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<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>Hynix Semiconductor Inc.</td> </tr> <tr> <td>Street Address:</td> <td>San 136-1, Ami-ri, Bubal-eub, Icheon-si</td> </tr> <tr> <td>City:</td> <td>Kyoungki-do</td> </tr> <tr> <td>State/Country:</td> <td>REPUBLIC OF KOREA</td> </tr> </table>		Name:	Hynix Semiconductor Inc.	Street Address:	San 136-1, Ami-ri, Bubal-eub, Icheon-si	City:	Kyoungki-do	State/Country:	REPUBLIC OF KOREA
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CORRESPONDENCE DATA									
Fax Number: (703)518-5499 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> Phone: 7036841111 Email: jrhee@ipfirm.com Correspondent Name: LOWE HAUPTMAN HAM & BERNER, LLP Address Line 1: 1700 DIAGONAL ROAD Address Line 2: SUITE 300 Address Line 4: ALEXANDRIA, VIRGINIA 22314									
ATTORNEY DOCKET NUMBER:	123034-06121160DIV								
NAME OF SUBMITTER:	Yoon S. Ham								
Total Attachments: 1 source=90409_123034_06121160_Assignment#page1.tif									

OP \$40.00 12421434

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PATENT
REEL: 022528 FRAME: 0685

Docket No.:

ASSIGNMENT

In consideration of the premises and other good and valuable consideration in hand paid, the receipt and sufficiency of which is hereby acknowledged, the undersigned,

- 1) Kwang Jun CHO
- 2) Kie Bong KU
- 3)

who has made a certain new and useful invention, hereby sells, assigns and transfers unto

Hynix Semiconductor Inc. having a place of business at San 136-1, Ami-ri, Bubal-eub, Icheon-si, Kyoungki-do, Republic of Korea

its successors and assigns (hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100 in the invention entitled

DELAY LOCKED LOOP

(a) for which an application for United States Letters Patent was filed on _____, and identified by United States Patent Application No. _____; or

(b) for which an application for United States Letters Patent was executed on _____,

and the undersigned hereby authorizes and requests the United States Commissioner of Patents and Trademarks to issue any and all United States Letters Patent which may be granted therefore and any and all extensions, divisions, reissues, continuations, or continuations-in-part thereof, and the right to all benefits under the International Convention for the Protection of Industrial Property 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 transfer a like interest, and to render all necessary assistance in making application for and obtaining original, divisional, reissued or extended Letters Patent of the United States, upon request of the said ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, in and to any improvements, and applications for patent based thereon, growing out of or related to the said invention; and to execute any papers by the said ASSIGNEE, its successors, assigns and legal representatives, deemed essential to ASSIGNEE's full protection and title in and to the invention hereby transferred.

SIGNED on the date indicated aside my signature:

1) Cho Kwang Jun
Name: Kwang Jun CHO

February 28, 2007
Date:

2) [Signature]
Name: Kie Bong KU

February 28, 2007
Date:

3) _____
Name:

Date: