

# PATENT ASSIGNMENT

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT								
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT								
<b>CONVEYING PARTY DATA</b>									
<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>Chul Ho PARK</td> <td>07/12/1995</td> </tr> <tr> <td>Jin Seop SHIM</td> <td>07/12/1995</td> </tr> <tr> <td>Kwang Bok SONG</td> <td>07/12/1995</td> </tr> </tbody> </table>		Name	Execution Date	Chul Ho PARK	07/12/1995	Jin Seop SHIM	07/12/1995	Kwang Bok SONG	07/12/1995
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<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;"><b>Name:</b></td> <td>LG Semicon Co., Ltd.</td> </tr> <tr> <td><b>Street Address:</b></td> <td>1, Hyangjeong-dong, Heungduk-ku, Cheongju-si</td> </tr> <tr> <td><b>City:</b></td> <td>Chungcheongbuk-do</td> </tr> <tr> <td><b>State/Country:</b></td> <td>REPUBLIC OF KOREA</td> </tr> </table>		<b>Name:</b>	LG Semicon Co., Ltd.	<b>Street Address:</b>	1, Hyangjeong-dong, Heungduk-ku, Cheongju-si	<b>City:</b>	Chungcheongbuk-do	<b>State/Country:</b>	REPUBLIC OF KOREA
<b>Name:</b>	LG Semicon Co., Ltd.								
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<b>PROPERTY NUMBERS Total: 1</b>									
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<b>CORRESPONDENCE DATA</b>									
<p>Fax Number: (312)775-8100</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Email: mmaslowska@mcandrews-ip.com</p> <p>Correspondent Name: McAndrews, Held &amp; Malloy, Ltd.</p> <p>Address Line 1: 500 W Madison</p> <p>Address Line 2: Suite 3400</p> <p>Address Line 4: Chicago, ILLINOIS 60661</p>									
<b>ATTORNEY DOCKET NUMBER:</b>	21403US02								
<b>NAME OF SUBMITTER:</b>	Peter J. McAndrews								
<p>Total Attachments: 2</p> <p>source=21403US02_Parent Assignment#page1.tif</p> <p>source=21403US02_Parent Assignment#page2.tif</p>									

CH \$40.00 5895943

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**PATENT**  
**REEL: 023401 FRAME: 0696**

BIRCH, STEWART, KOLASCH & BIRCH  
United States Patent Rights

ATTORNEY DOCKET NO.  
465-338P

## ASSIGNMENT

Serial No. 08/442,879

Filed 5/17/95

WHEREAS, Chul Ho PARK, Jin Seop SHIM, and Kwang Bok SONG

Insert Name(s)  
of Inventor(s)

Insert Title  
of Invention

(hereinafter designated as the undersigned) has (have) invented certain new and useful improvements in

COLOR CHARGE-COUPLED DEVICE AND METHOD OF

MANUFACTURING THE SAME

for which an application for Letters Patent of the United States of America has been executed by the undersigned

Insert Date  
of Signing of  
Application

on July 12, 1995 and

WHEREAS, LG Semicon Co., Ltd.

Insert Name  
of Assignee

Insert Address  
of Assignee

of 1, Hyangjeong-dong, Heungduk-ku,

Cheongju-si, Chungcheongbuk-do, Korea

its heirs, successors, legal representatives and assigns (hereinafter designated as the Assignee) is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patents that may be granted therefor in the United States of America;

NOW THEREFORE, in consideration of the sum of Ten Dollars (\$10.00) to the undersigned in hand paid, the receipt of which is hereby acknowledged, and other good and valuable consideration, the undersigned has (have) sold, assigned and transferred, and by these presents do sell, assign and transfer unto said Assignee the full and exclusive right to the said invention in the United States of America and its territories, dependencies and possessions and the entire right, title and interest in and to any and all Letters Patents which may be granted therefor in the United States of America and its territories, dependencies and possessions, and in and to any and all divisions, reissues, continuations and extensions thereof for the full term or terms for which the same may be granted.

The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

PATENT  
REEL: 7554 FRAME: 0674

PATENT  
REEL: 023401 FRAME: 0697

The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division or reissue thereof or Letters Patent(s) or division patent issued thereon and to cooperate with the Assignee in every way possible in obtaining and producing evidence and proceeding with such interference.

The undersigned agree(s) to execute all papers and documents and to perform any act which may be necessary in connection with claims or provisions of the International Convention for the Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent(s) to the Assignee and to vest all rights therein hereby conveyed to said Assignee as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents and Trademarks to issue any and all Letters Patents of the United States of America resulting from said application or any division or divisions or continuing or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) the full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the law firm of Birch, Stewart, Kolusch and Birch the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U. S. Patent and Trademark Office for recordation of this document.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date 15. 7. 12. Name of Inventor Chul Ho Park (SEAL)  
(signature) Chul Ho PARK

Date 15. 7. 12 Name of Inventor Jin Seop Shim (SEAL)  
(signature) Jin Seop SHIM

Date 15. 7. 12 Name of Inventor Kwang Bok Song (SEAL)  
(signature) Kwang Bok SONG

Date \_\_\_\_\_ Name of Inventor \_\_\_\_\_ (SEAL)  
(signature)

Date \_\_\_\_\_ Name of Inventor \_\_\_\_\_ (SEAL)  
(signature)

(This assignment should preferably be acknowledged before a United States Consul or Notary Public. If not, then the execution by the inventor(s) should be witnessed by at least two other persons who sign here.)

Witness Si Ja Lee  
Si Ja LEE

Witness \_\_\_\_\_

Witness Young Hwa Byun  
Young Hwa BYUN

TOTAL P.85

RECORDED: 07/17/1995

PATENT  
REEL: 7554 FRAME: 0675