FORM PTO-1595 (Rev. 6-93)

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U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

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	Attorney Docket No.: 041501-5375		
To the Assistant Commissioner for Patents: Please record the attached original documents or copy thereof.	ATTN: BOX ASSIGNMENT		
<ol> <li>Name of conveying party(ies):</li> <li>Hang Kyoo KIM</li> <li>Additional name(s) of conveying party(ies) attached?</li> <li>Yes X No</li> </ol>	2. Name and address of receiving party(ies):  Name: Hyundai Electronics Industries Co., Ltd.  Internal Address:		
3. Nature of conveyance:  X Assignment Merger Security Agreement Change of Name Other  Execution Date: January 14, 2000	Street Address: San 136-1, Ami-ri, Bubal-eub, Ichon-shi, Kyoungki-do, Korea  City: State: Zip:  Additional name(s) & address(es) attached?  Yes X No		
4. Application number(s) or patent number(s):  If this document is being filed together with a new application the execution date of the application is:  January 14, 2000  A. Patent Application No.(s)  B. Patent No.(s)			
Additional numbers attached: Yes _X No			
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 1		
Name: Mr. Robert J. Gaybrick  Internal Address: Morgan, Lewis & Bockius LLP  Customer No. 09629	7. Total fee (37 C.F.R §3.41):\$40.00  _X Enclosed  Authorized to be charged to deposit account 50-0310		
Street Address: 1800 M Street, N.W. City: Washington State: D.C. Zip: 20036	8. Deposit account number: 50-0310 Attach duplicate of page if paying by deposit account		
9. Statement and Signature  To the best of my knowledge and belief, the foregoing inform the original document.  J. Michael Thesz  Name of Person Signing  Signat	nation is true and correct and any attached copy is a true copy of  February 2, 2000  Date		
3/02/2000 DNGUYEN 00000308 09496625 Total number	of pages including cover sheet, attachments and documents: 2		

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**PATENT REEL: 010575 FRAME: 0368** 

ATTORNEY DOCKET NO.: 041501-5375 SOLE/JOINT INVENTION (U.S. Rights Only)

## **ASSIGNMENT**

WHEREAS I/We, the below named inventor(s), [hereinafter referred to as Assignor(s)], have made an invention entitled:

SIGNAL DETECTING APPARATUS IN A CHARGE COUPLED DEVICE for which I/WE executed an application for United States Letters Patent concurrently herewith; or filed an application for United States Letters Patent on		
WHEREAS, <u>Hyundai Electronics Industries Co.</u> , <u>Ltd.</u> , a corporation of <u>Korea</u> , whose post office address <u>San</u> <u>136-1</u> , <u>Ami-ri</u> , <u>Bubal-eub</u> , <u>Ichon-shi</u> , <u>Kyoungki-do</u> , <u>Korea</u> (hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention, the application for United States Letters Patent on this invention and the Letters Patent to be issued upon this application;		
NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from assignee is hereby acknowledged, I/WE, as assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the assignee, its lawful successors and assigns, MY/OUR entire right, title, and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof; and I/WE hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue all Letters Patent for this invention to assignee, its successors and assigns, in accordance with the terms of this Assignment;		
AND, I/WE HEREBY further covenant and agree that I/WE will, without further consideration, communicate with assignee, its successors and assigns, any facts known to ME/US respecting this invention and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver all papers that may be necessary or desirable to perfect the title to this invention in said assignee, its successors and assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths a7 generally do everything possible to aid assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States, it being understood that any expense incident to the execution of such papers shall be borne by the assignee, its successors and assigns.  AND, I/WE HEREBY authorize and request the attorneys I/WE have empowered in the Declaration and Power of Attorney in this application, to insert here in parentheses (Application No, filed) the filing date and application number of said application when known.		
IN TESTIMONY WHEREOF, I/WE have hereunto set our hand(s).		
Full Name of Sole or First Assignor Hang Kyoo KIM	Assignor's Signature	Date January 14, 2000
Address Daesung Villa 105-301, Jijo-dong, Tong-ku, Daejeon-si, Korea		Citizenship Republic of Korea
Full Name of Second Assignor	Assignor's Signature	Date
Address		Citizenship
Names of additional inventors attached [   Yes [ x ] No		

Morgan, Lewis & Bockius LLP

RECORDED: 02/02/2000

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PATENT REEL: 010575 FRAME: 0369