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Attorney Docket No.: 06730/017001  
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Assistant Commissioner for Patents: Ple



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1. Name of conveying party(ies):  
**Sung Moon Chun, Jin Hak Lee, Joo Hee Moon,**  
**Gwang Hoon Park, Jae Kyo Kim,**  
**Jae Won Chung**

2. Name and address of receiving party(ies):  
**Hyundai Electronics Industries Co. Ltd.**  
**San 136-1, Ami-ri, Bubal-eub, Ichon-shi**  
**Kyongki-do, 467-860 Korea**

Additional name(s) attached? ☐ Yes ☒ NoAdditional names/addresses attached? ☐ Yes ☒ No

3. Nature of conveyance: **3-11-99**  
☒ Assignment  
☐ Merger  
☐ Security Agreement  
☐ Change of Name  
☐ Other:

Execution Date: **January 15, 1999**

4. Application number(s) or patent number(s):

If this document is being filed with a new application, the execution date of the application is:

A. Patent Application No.(s):

B. Patent No.(s):

**09/195,897**Additional numbers attached? ☐ Yes ☒ No

5. Name/address of party to whom correspondence concerning document should be mailed:

**Eric L. Prael**  
**Fish & Richardson P.C.**  
**225 Franklin Street**  
**Boston, MA 02110-2804**

6. Total number of applications/patents involved: **1**7. Total fee (37 CFR 3.41): **\$40**☒ Enclosed☐ Authorized to charge deposit account8. Deposit account number: **06-1050**

If the fee above is being charged to deposit account, a duplicate copy of this cover sheet is attached. Please apply any additional charges, or any credits, to our Deposit Account No. 06-1050.

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9. Statement and signature: *To the best of my knowledge and belief, the foregoing information is true and correct and the attached is the original document.*

**Eric L. Prael**

Name of Person Signing

Signature

Date

Total number of pages including cover sheet, attachments, and document: **3**

Date of Deposit

*March 8, 1999*  
 I hereby certify under 37 CFR 1.8(a) that this correspondence is being deposited with the United States Postal Service as **first class mail** with sufficient postage on the date indicated above and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

REEL: 9812 FRAME: 0796

## ASSIGNMENT

For valuable consideration, we, Sung Moon Chun, of Seoul, Korea; Jin Hak Lee of Daejun-shi, Korea; Joo Hee Moon of Seoul, Korea; Gwang Hoon Park of Inchon-shi, Korea; Jae Kyoong Kim of Seoul, Korea; and Jae Won Chung of Seoul, Korea hereby assign to Hyundai Electronics Industries, Co. Ltd., a Korea corporation having a place of business at San 136-1, Ami-ri, Bubal-eub, Ichon-shi, Kyongki-do, 467-860 Korea, and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent signed by us, entitled OBJECT-BASED CODING AND DECODING APPARATUSES METHODS FOR IMAGE SIGNALS, filed November 19, 1998, and assigned U.S. Serial Number 09/195,897, and we authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date and serial number of said application when known; this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, and design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

IN WITNESS WHEREOF, I hereto set my hand and seal at Seoul, Korea,  
this 15th day of January, 1999  
Sung Moon Chun L.S.  
Sung Moon Chun

IN WITNESS WHEREOF, I hereto set my hand and seal at Seoul, Korea,  
this 15th day of January, 1999  
Jinhak Lee L.S.  
Jin Hak Lee

IN WITNESS WHEREOF, I hereto set my hand and seal at Seoul, Korea,  
this 15th day of January, 1999  
Joo Hee Moon L.S.  
Joo Hee Moon

IN WITNESS WHEREOF, I hereto set my hand and seal at Seoul, Korea,  
this 15th day of January, 1999  
G. H. PARK L.S.  
**Gwang Hoon Park**

IN WITNESS WHEREOF, I hereto set my hand and seal at Seoul, Korea,  
this 15th day of January, 1999  
Jae Kyoon Kim L.S.  
**Jae Kyoon Kim**

IN WITNESS WHEREOF, I hereto set my hand and seal at Seoul, Korea,  
this 15th day of January, 1999  
Jae Won Chung L.S.  
**Jae Won Chung**