6/25/99

07-09-1999

orney Docket No. 000939-070500US Client Ref. No. P99H4016/US/kj

| FORM PTO-1595 | TOTOSO - | U.S. Department of Commerce |
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| (Rev. 6-93) To the Honorable Asst. Commissioner for Pate | (Patents Only) | Patent and Trademark Office |
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| JU IL LEE | Name: HYUNDAI E | ELECTRONICS INDUSTRIES CO., LTD. |
| Additional name(s) of conveying parties attach | ned Yes Internal Address: | |
| □ No. | | .N 136-1, AMI-RI, BUBAL-EUB |
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| Execution Date: June 18, 1999 | | 1823 1823 |
| 4. Application Number(s) or Patent Numbers. | 19/21/1822 | 30 mg/s |
| If this document is being filed together with a n | new application, the execution date of the a | pplication is: June 18, 1999 |
| A. Patent Application No(s): | B. Patent | |
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PATENT REEL: 010072 FRAME: 0709

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 (Continued from Page 1)

NAN YI LEE

- Additional name(s) and address(es) of receiving party(ies): (Continued from Page 1)
- Additional application number(s) or patent number(s): (Continued from Page 1)
 - A. Patent Application No.(s)

B. Patent No.(s)

SF 150911 v1 SF 1006560 v1

> PATENT REEL: 010072 FRAME: 0710

RECORDED: 06/25/1999

Attorney Docket No.:

ASSIGNMENT OF PATENT APPLICATION

| WHEREAS, JU IL LEE and NAN YI LEE of Hyundai Electronics Industries Co., Ltd. C/O, San |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 136-1, Ami-ri, Bubal-eub, Ichon-shi, Kyoungki-do, 467-860, Korea |
| hereinafter referred to as "Assignors," are the inventors of the invention described and set forth in the below-identified application for Untied States Letters Patent: |
| Title of Invention: IMAGE SENSOR HAVING TEST PATTERNS FOR MEASURING CHARACTERISTICS OF COLOR FILTERS |
| Date(s) of execution of Declaration: |
| Filing Date: |
| Application No.:; and |
| WHEREAS, HYUNDAI ELECTRONICS INDUSTRIES CO., LTD., a CORPORATION, located at SAN 136-1, |
| AMI-RI: BUBAL-EUB, ICHON-SHI, KYOUNGKI-DO, KORRA hereinafter referred to as "ASSIGNEE" is desirous |
| of acquiring an interest in the invention and application and in any U.S. Letters Patent and Registrations which may |
| be granted on the same; |
| For good and valuable consideration, receipt of which is hereby acknowledged by Assignors, Assignors have assigned, and by these presents do assign to Assignee all right, title and intrest in and to the invention and application and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on the same in the United States and all countries throughout hie world, and to claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignors had this Assignment not been madd, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof. |
| Assignors further agree that they will, without charge to Assignee, but at Assignee's expense, (a) cooperate with Assignee in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including patent applications and instruments of transfer, and (c) perform such other acts as Assignee lawfully may request to obtain or maintain Letters Patent and Registrations for the invenion and improvements in any and all countries, and to vest title thereto in Assignee, or Assignee's successors and assigns. |
| IN TESTIMONY WHEREOF, Assignors have signed their names on the dares indicated. |
| Dated: |
| Dated: June 18, 1999 NAN YI LEE |
| |
| Dated: |

PATENT REEL: 010072 FRAME: 0711