RE U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office Docket No.: 050063-0074 To the Honorable Commissioner for Patents and Tradelliaks: Please record the attached original documents or copy thereto: 2. Name and address of receiving party(ies): 1. Name of Conveying Party(ies): DAINIPPON SCREEN MFG. CO., LTD. Atsushi IMAMURA, Hiroshi SANO, Eiji NISHIHARA, Junichi Name: SHIOMI Address: 1-1 Tenjinkitamachi, Teranouchi-agaru 4-chome, Horikawa-dori, Kamikyo-ku, Additional name(s) of conveying party(ies) attached? \(\subseteq \text{Yes} \subseteq \text{No} \) Kyoto JAPAN 3. Nature of Conveyance: Merger Security Agreement ☐ Change of Name Other Execution Date: April 28, 2005, April 28, 2005, May 9, 2005, May 17, 2005 (respectively) Additional name(s) & address(es) attached? Yes No 4. Application number(s) or patent number(s): If the document is being filed together with a new application, the execution date of the April 28, 2005, April 28, 2005, application is: May 9, 2005, May 17, 2005 (respectively) A. Patent Application No(s). B. Patent No(s). Additional numbers attached?
Yes No 5. Name and address of party to whom correspondence 6. Total number of applications and patents involved: concerning document should be mailed: Name: MCDERMOTT WILL & EMERY LLP 7. Total fee (37 CFR 3.41) \$40.00 Internal Address: Enclosed Authorized to be charged to deposit account Street Address: 600 13th Street, N.W. 8. Deposit account number: 500417 City: Washington State: D. C. Zip: 20005-3096 DO NOT USE THIS SPACE 9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Stephen A. Becker, 26,527 June 15, 2005 Name and Registration No. of Person Signing Signature Date

OMB No. 0651-0027 (exp. 6/30/2005)

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PATENT REEL: 016703 FRAME: 0259

Total number of pages including cover sheet:

PATENT APPLICATION ASSIGNMENT SOLE OR JOINT INVENTORS EXECUTED OUTSIDE U.S.A.

WHEREAS, I (We), Atsushi Imamura, Hiroshi Sano, Eiji Nishihara, and Junichi Shiomi as assignor(s), have invented certain improvements in "SURFACE REGION IDENTIFICATION BY IMAGE AREA SEGMENTATION" for which an application for United States Letters patent has been executed by me (us) of even date herewith; and

WHEREAS, <u>DAINIPPON SCREEN MFG. CO.</u>, <u>LTD. of 1-1</u>, <u>Tenjinkitamachi</u>, <u>Teranouchi-agaru 4-chome</u>, <u>Horikawa-dori</u>, <u>Kamikyo-ku</u>, <u>Kyoto</u>, <u>Japan</u> as assignee, is desirous of acquiring all right, title and interest in and to said invention and any Patent that may be granted therefor.

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, I (We), as assignor(s), hereby sell, assign and set over to said assignee the entire right, title and interest for the United States and all other countries in and to said invention and the aforesaid application for Patent, all original, divisional, continuation, substitute or reissue applications and patents applied for or granted therefor in the United States and all other countries, including all rights of priority from the filing of said application, and all rights for past infringement, and the Commissioner of Patents and Trademarks is hereby authorized and requested to issue all patents on said inventions or resulting therefrom to said assignee herein, as assignee of the entire interest therein; and the undersigned for myself (ourselves) and my (our) legal representatives, heirs and assigns do hereby agree and covenant without further remuneration, to execute and deliver all divisional, continuation, reissue and other applications for Patent on said inventions and all assignments thereof to said assignee or its assigns, to communicate to said assignee or its representatives all facts known to the undersigned respecting said inventions, whenever requested, to testify in any interferences or other legal proceedings in which any of said applications or patents may become involved, to sign all lawful papers, make all rightful oaths, and to do generally everything necessary to assist assignee, its successors, assigns and nominees to obtain patent protection for said invention in the United States and all other countries, the expenses incident to said applications to be borne and paid by said assignee.

The undersigned hereby grant(s) the law firm of McDERMOTT, WILL & EMERY, the power to insert here in parentheses (Application No.______, filed______) the filing date and application number of said application when known.

Date: 28/04/2005 Usbush Imamura

(Day/Month/Year) Atsushi Imamura

Page 1 of 2

| Date: | 20 / 04/2005 | Hiroly Lang |
|----------------------|--------------------------------|--------------------------------|
| | (Day/Month/Year) | |
| Date:_ | 09/05/2005 (Day/Month/Year) | Giji Nishihara Eiji Nishihara |
| | | |
| Date: | 17/05/2005 | Junichi Shiomi |
| | (Day/Month/Year) | Junichi Shiomi |
| Date | | |
| Date: | (Day/Month/Year) | |
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RECORDED: 06/15/2005