FORM PTO-1595

RECORDATION FORM COVER SHEET

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| To th | ne Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof. |
|-----------------|--|
| 1. | Name of conveying party(ies): |
| | Hyeong-seog SHIM Name and Address of receiving party(ies): SAMSUNG ELECTRONICS CO., LTD. 416, Maetan-dong, Paldal-gu |
| 2. | Name and Address of receiving party(ies): 05 - 13 - 2000 |
| ۵. | Name and Address of receiving party(les). |
| | SAMSUNG ELECTRONICS CO., LTD. |
| | 416, Maetan-dong, Paldal-gu |
| | SAMSUNG ELECTRONICS CO., LTD. 416, Maetan-dong, Paldal-gu Suwon-city, Gyunggi-do 102446387 |
| | Korea |
| _ | |
| 3. | Nature of conveyance: X Assignment Merger |
| | X Assignment Merger Security Agreement Change of Name |
| | |
| | Other: Execution Date(s): April 29, 2003 |
| | |
| 4. | Application number(s) or patent number(s): This document is being filed together with a new application: The execution date(s) of the application is/are: April 29, 2003 |
| | This document is being filed together with a new application: |
| | |
| | (b) The title is: LASER BEAM ISOLATION APPARATUS OF A LASER PRINTER OR |
| | ☐ This document is being filed after filing of the application: |
| | (a) Patent Application No(s)/, filed; or |
| | (b) Patent No(s). , issued . |
| | |
| 5. | Name and address of party to whom correspondence concerning document should be mailed: |
| | STAAS & HALSEY LLP Our Docket: 1349.1221 |
| | Attention: Michael D. Stein |
| | 700 Eleventh Street, N.W., Suite 500 Washington, D.C. 20001 |
| | Washington, B.O. 20001 |
| 6. | Total number of applications and patents involved:1 |
| 7. | Total fee (37 CFR 3.41) (\$ 40.00 per Assignment) |
| | X Enclosed |
| | Authorized to be charged to deposit account. |
| 0 | Denocit Assessmt No.: 10.2025 (Any undernoument is sutherized to be charged to this Denocit Assessmt) |
| 8. | Deposit Account No.: 19-3935 (Any underpayment is authorized to be charged to this Deposit Account) (Attach duplicate copy of this page if paying by deposit account) |
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| 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. |
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| | 111 (dl.) (i) Aft) |
| Micha | ael D. Stein, Reg. No. 37,240 May 7, 2003 |
| | e of Person Signing Signature Date |
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PATENT REEL: 014044 FRAME: 0588

U.S. ASSIGNMENT

S&H 1/00 IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter, "ASSIGNOR") by (losert Name(s) & Address(es) of ASSIGNEE(S)) SAMSUNG ELECTRONICS CO., LTD 416. Maetan-dong, Paldal-gu Suwon-city, Gyunggi-do, Korea theremafter, "ASSIGNEE"), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled (Title of Invention) LASER BEAM ISOLATION APPARATUS OF A LASER PRINTER relating to International Patent Application PCT/JP___/___ and/or for which application for Letters Patent of the United States was executed on even date herewith or, if not so executed, was: (Insert date of execution of application, if not concurrent) (a) executed on Any registered attorney of STAAS & HALSEY LLP, 700 Eleventh Street. (b) filed on N.W., Washington, D.C. 20001 (202/434-1500) is hereby authorized to Serial No. insert in (b) the specified data, when known. and to said application and all Letters Patent(s) of the United States granted on said application and any continuation, division, renewal, substitute, reissue or reexamination application based thereon, for the full term or terms for which the said Letters Patent(s) may be granted and including any extensions thereof (collectively, hereinafter, "said application(s) and Letters Patent(s)"). The ASSIGNOR agree(s), when requested by said ASSIGNEE and without charge to but at the expense of said ASSIGNEE, to do all acts which the ASSIGNEE may deem necessary, desirable or expedient, for securing, maintaining and enforcing protection for said invention, including in the preparation and prosecution of said application(s) and the issuance of said Letters Patent(s), in any interference, reissue, reexamination, or public use proceeding, and in any litigation or other legal proceeding which may arise or be declared in relation to same, such acts to include but not be limited to executing all papers, including separate assignments and declarations, taking all rightful oaths. providing sworn testimony, and obtaining and producing evidence. IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s). (Typed Name & Signature of Witness(es)) (Typed Name & Signature of Inventor(s))

April 29, 2003 Len-ji LEE

RECORDED: 05/07/2003

PATENT REEL: 014044 FRAME: 0589