| To the Honorable Commissioner of Patents and Trademarks: 1. Name of conveying party(ies): Yong-ki SON, Byung-ryul RYOO, Yong-hoon LEE and Seok-jung KIM 2. Name and address of receiving party(ies): Samsung Electronics Co., Ltd. 416, Maetan-dong, Paldal-gu, Suwon-city, Kyungki-do Republic of Korea 3. Nature of conveyance: X Assignment | FORM F | TO-1595 79.99 | RECORD/ | 05-12-1999 | U.S. DEPARTMENT OF COMMERCI Patent and Trademark Office | |
|---|---------------------|---|--|---|--|--|
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| 2. Name and address of receiving party(les): Samsung Electronics Co., Ltd. 416, Maetan-dong, Paldal-gu, Suwon-city, Kyungki-do Republic of Korea 3. Nature of conveyance: X Assignment Merger Security Agreement Change of Name Execution Date(s): April 27, 1999 4. Application number(s) or patent number(s): Execution Date(s): April 27, 1999 4. Application number(s) or patent number(s): Application in Number(s) or patent number(s): Application pate(s): April 27, 1999 4. Application number(s) or patent number(s): Application pate(s): April 27, 1999 4. Application number(s) or patent number(s): April 27, 1999 4. Application number(s) or patent number(s): April 27, 1999 4. Application number(s) or patent number(s): April 27, 1999 4. Application number(s) or patent number(s): April 27, 1999 4. Application number(s) or patent number(s): April 27, 1999 4. Application number(s) or patent number(s): April 27, 1999 4. Application number(s) or patent number(s): April 27, 1999 4. Application number(s) or patent number(s): April 27, 1999 4. Application number(s) or patent number(s): April 27, 1999 5. Application number(s) or patent number(s): April 27, 1999 6. Total number of applications and patents involved: B. 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) 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. Michael D. Stein, Reg. No. 37,240 Name of Person Signing Signature Date | To the | Honorable Commissioner of Patents | and Trademarks: | 7101036058 | or copy thereof. | |
| 2. Name and address of receiving party(ies): Samsung Electronics Co., Ltd. 416, Maetan-dong, Paldal-gu, Suwon-city, Kyungki-do Republic of Korea 3. Nature of conveyance: X Assignment | 1. | Name of conveying party(ies) |): | 10100 | ٥ | |
| Samsung Electronics Co., Ltd. 416, Maetan-dong, Paldal-gu, Suwon-city, Kyungki-do Republic of Korea 3. Nature of conveyance: X | | Yong-ki SON, Byung-ryul RY | OO, Yong-hoon | LEE and Seok-jung KIM | . P1 | |
| A16, Maetan-dong, Paldal-gu, Suwon-city, Kyungki-do Republic of Korea 3. Nature of conveyance: X Assignment | 2. | Name and address of receiving | ng party(ies): | | u.s 1014 | |
| Assignment Security Agreement Change of Name Other: Execution Date(s): April 27, 1999 4. Application number(s) or patent number(s): This document is being filed together with a new application: (a) The execution date(s) of the application is/are: April 27, 1999 (b) The title is: ACTUATOR FOR OPTICAL PICK-UP AND METHOD OF ROLLING DRIVING COIL THEREFOR + | | 416, Maetan-dong, P | | n-city, Kyungki-do | JC376 | |
| This document is being filed together with a new application: (a) The execution date(s) of the application is/are: April 27, 1999 (b) The title is: ACTUATOR FOR OPTICAL PICK-UP AND METHOD OF ROLLING DRIVING COIL THEREFOR *** OR *** This document is being filed after filing of the application: (a) Patent Application No(s), filed; or *** *** This document is being filed after filing of the application: (a) Patent Application No(s), filed; or *** *** This document is being filed after filing of the application: (a) Patent Application No(s), filed; or *** *** This document is being filed after filing of the application: (a) Patent Application No(s), filed; or ** *** Total occument is being filed after filing of the application: (a) Patent Application No(s), filed; or ** ** ** ** ** ** ** ** ** | 3. | X Assignment Security Agre Other: | | | | |
| (a) Patent Application No(s), filed; or FFG581 Name and address of party to whom correspondence concerning document should be mailed: STAAS & HALSEY LLP Our Docket: 1293.1063/MDS Attention: Michael D. Stein 700 Eleventh Street, N.W., Ste. 500 Washington, D.C. 20001 6. Total number of applications and patents involved: 7. Total fee (37 CFR 3.41) | 4. | Application number(s) or pate This document is being filed to (a) The execution date(s) (b) The title is: ACTUAT THEREFOR | ent number(s): together with a of the applicat | new application: ion is/are: <u>April 27, 1999</u> | | |
| STAAS & HALSEY LLP/ Attention: Michael D. Stein 700 Eleventh Street, N.W., Ste. 500 Washington, D.C. 20001 6. Total number of applications and patents involved: | 10/1999 f | (a) Patent Application No | o(s), | filed; or | | |
| Total fee (37 CFR 3.41) | FC _g 581 | STAAS & HALSEY LL Attention: Michael D 700 Eleventh Street, | _P / . Stein N.W., Ste. 500 | Our Docket: 1293. | t should be mailed: 1063/MDS | |
| X Enclosed Authorized to be charged to deposit account. 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) 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. Michael D. Stein, Reg. No. 37,240 Name of Person Signing Signature | 6. | Total number of applications | and patents inv | rolved:1_ | | |
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| | | Name of Person Signing |] | 3 | Date attachments and document: 2 | |
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PATENT REEL: 9937 FRAME: 0317 IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) thereinafter, "ASSIGNOR") by

(Intert Name(s) & Addression of ASSIGNEE(S))

Samsung Electronics Co., Ltd. 416, Maetan-dong, Paldal-gu, Suwon-city, Kyungki-do Republic of Korea

thereinafter, "ASSIGNEE"), the receipt of which is hereby ecknowledged, the undereigned ASSIGNOR hereby salls, assigns and trensfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled

| (Title of Invantion) | | |
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| ACTUATOR FOR OPTICAL PIC | K-UP AND METHOD OF HOLL | nd driving coil therefor |
| relating to international Patent Application PCT/ States was executed on even date herewith or, | | alph application for Lotters Petent of the United |
| (e) executed on 27 April 199 | 9 ; (Insert date of exec | ution of application, if not concurrent |
| (b) filed an, Serial No; | Eleventh Street, N. | mey of STAAS & HALSEY LLP, 700 W., Washington, D.G. 20001 (202/434- thorized to insert in Ib) the specified date, |
| and to said application and all Letters Patent(s) or renewal, substitute, reissue or reexamination application may be granted and including any expectant(s). The ASSIGNOR agree(s), when requested by to do all acts which the ASSIGNEE may deem protection for said invention, including in the prepatent(s), in any interference, reissue, reasseming which may arise or be declared in relation to said separate essignments and declarations, taking | plication based thereon, for the considerations thereof (collectively said ASSIGNEE and without of necessary, desirable or expension and prosecution of asication, or public use proceeding the, such acts to include but to | te full term or terms for which the said Letters, hereinafter, "said application(s) and Letters harge to but at the expense of said ASSIGNEE, flant, for securing, maintaining and enforcing application(s) and the issuance of said Letters, and in any litigation or other legal proceeding to be limited to executing all papers, including |
| evidence. | | - , - |
| IN WITNESS WHEREOF, the undersigned inv (Typed Name & Signature of Invantor(a)) | (Deta) Blucoles une luevas suisas uie | merruneir signature(e). (Typed Name & Signature of Witness(es)) |
| 11 Yong ki Son | 27 April 1999 | |
| Yong ki Son Yong BON Yong Way YM RYOO Brund THUR HYOO | . 27 April 1999 | |
| Brung-rul RYGO y ony Hom, Lee | 27 April 1999 | |

27 April 1999

PATENT REEL: 9937 FRAME: 0318

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