Atty Docket No.:

FORM PTO-1595 1-31-92

229538US3DES

40.00 OP

01 FC:8021



01-21-2003



i. DEPARTMENT OF COMMERCE Patent and Trademark Office

102341887

or convethereof

| 1 Name of acquisition party(ics): | 2. Name and address of receiving party(ies): |
|---|--|
| Name of conveying party(ies): Tomonori ABE, Yasuhiro ENDO, Shoji KASUGAI and Keiichi | Name: Mitsubishi Denki Kabushiki Kaisha |
| TAKIKOSHI | Address: 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo, |
| 1-14-03 | 100-8310 Japan |
| Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No | |
| 3. Nature of Conveyance: | |
| | |
| ☐ Security Agreement ☐ Change of Name ☐ Other | |
| | Additional name(s) and address(se) attached? TVes MNo |
| Execution Date: December 9, 11, 11, 12, 2002 | Additional name(s) and address(es) attached? □Yes ⊠No |
| 4. Application number(s) or patent number(s): | |
| If this document is being filed together with a new application, the ex- | cecution date of the application is: |
| A. Patent Application No.(s) | B. Patent No.(s) |
| 29/170,256 | |
| Additional numbers attached | ed? □ Yes ⊠ No |
| 5. Name and address of party to whom correspondence concerning document should be mailed: | 6. Total applications and patents involved: 1 |
| 114101104111111111111111111111111111111 | 7. Total fee (37 CFR 3.41): \$40.00 |
| | Enclosed |
| 22850 | ☐ Authorized to be charged to deposit account |
| Tel. (703) 413-3000 Fax. (703) 413-2220 | 8. Deposit account number: 15-0030 (Attach duplicate copy of this page if paying by deposit account) |
| DO NOT USE TH | IIS 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. C. Irvin McClelland | Le 1the land |
| C. Irvin McClelland Name of Person Signing Signa | |
| Joseph A. S | |
| Registration Number: 21,124 Registration | |
| Total number of pages including | this cover sheet: 3 |
| | |
| Do not detach th | is portion |
| Mail documents to be recorded with required cover sheet information | ı to: |
| Commissioner of Patents | |
| Box Assigni Washington, D. | |
| 7/2003 GTDN1 00000073 29170256 | |

PATENT

REEL: 013662 FRAME: 0785

Assignment of Application

| SERT NAMES | WHEREAS, I (WE) Tomonori ABE and Yasuhiro ENDO c/o MITSUBISHI DENKI KABUSHIKI KAISHA, 2-3, | | |
|---|--|--|--|
| D RESIDENCE DRESS OF | Marunouchi 2-Chome, Chiyoda-Ku, Tokyo, 100-8310 Japan | | |
| E INVENTORS: | Shoji KASUGAI and Keiichi TAKIKOSHI c/o MITSUBISHI ELECTRIC ENGINEERING CO., | | |
| | LTD., 6-2, Otemachi 2-Chome, Chiyoda-Ku, Tokyo 100-0004 Japan | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | , respectively | | |
| | have invented certain new and useful improvements in: SERVO AMPLIFIER | | |
| SERT TITLE OF VENTION | enter in terror of the state of | | |
| | | | |
| SERT DATE VENTORS SIGNED CLARATION: | For which an application for Letters Patent was executed on | | |
| | (Application No. 29/170,256 , filed November 4, 2002), and | | |
| JEDT MANE | WHEREAS, MITSUBISHI DENKI KABUSHIKI KAISHA | | |
| SERT NAME ID ADDRESS OF IMPANY OR HER ASSIGNEE | (hereinafter referred to as "ASSIGNEE") having places of business at: 2-3, Marunouchi 2-Chome, Chiyoda-Ku, Tokyo, 100-8310 Japan is desirous of acquiring the entire right, title and interest in and to said invention and in and to | | |

(hereinafter referred to as "ASSIGNEE") having places of business at: <u>2-3, Marunouchi 2-Chome, Chiyoda-Ku, Tokyo, 100-8310 Japan</u> is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I (WE), by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

I (WE) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me (us) had this Assignment and sale not been made.

10/01

Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its (his) representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letter Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) the firm of Oblon, Spivak, McClelland, Maier & Neustadt, P.C. of Fourth Floor, 1755 Jefferson Davis Highway, Arlington, Virginia 22202 the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

| Date: x December of, 2002 | x Tomonori Abe |
|---------------------------|---|
| | (Signature of Inventor) Tomonori ABE |
| Date: x December 11, 2002 | X Tasuhiro Endo |
| | (Signature of Inventor) Yasuhiro ENDO |
| Date: x December 11, 2002 | X Shoji Kasugai (Signature of Inventor) Shoji KASUGAI |
| Date: x December 12. 2002 | x Kericht Takitosi Keiichi Takikoshi (Signature of Inventor) Keiichi TAKIKOSHI KT December 2002 |
| Date: | (Signature of Inventor) |
| Date: | |
| | (Signature of Inventor) |

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C.

ATTORNEYS AT LAW FOURTH FLOOR 1755 JEFFERSON DAVIS HIGHWAY ARLINGTON, VIRGINIA 22202

10/01

RECORDED: 01/14/2003

PATENT REEL: 013662 FRAME: 0787