| Atty Docket No.: 0828-092 | 20x1PE | 06-23-1 | 1999 | | |
|---|---|----------------------------------|--|---|--|
| FORM PTO-1595 1-31-92 | JUN 1 8 1999 2 PA 7 | | | U.S. DEPARTMENT OF COMME Patent and Trademark O | |
| To the Honorable Commission | | 101072 | | ⊿ocuments or copy thereof. | |
| 1. Name of conveying party(ics): | | 2. Name | 2. Name and address of receiving party(ies): | | |
| Kenji YAGI, Tomotaka MURASE, Keiko SHIRAISHI, Ken-ichi MUTA, Yuichi MORISHITA, Takashi YOSHIDA, Masaru KOBAYASHI, Koichi ARISHIMA and Shin SUMIDA | | | CO., LTD. 2) NIPPON T | LECTRIC WIRE & CABLE ELEGRAPH AND NE CORPORATION | |
| Additional name(s) of conveying party(ies) attached? □Yes■No | | | Kawasaki-s | kae 2-chome, Kawasaki-ku, shi, Kanagawa 210-0843, Jap Shinjuku 3-chome, | |
| 3. Nature of Conveyance: | <u> </u> | | | u, Tokyo 163-8019, Japan | |
| ■ Assignment □ Security Agreement □ Other | □ Merger □ Change of Name | | | | |
| Execution Date: | 5/8/99; 5/8/99; 5/8/99; 5/8 5/8/99; 5/21/99; 5/21/99; 5/21/99 and 5/25/99 | 3/99; Additiona | al name(s) and ad | ldress(es) attached? □Yes ■ | |
| 4. Application number(s) or pa | tent number(s): | | | | |
| If this document is being filed is: | | tion, the execution | date of the applic | cation | |
| A. Patent Application No.(s) 09/301,597 | | | B. Patent No.(s) | | |
| | Additional numl | bers attached? □Ye | s ■No | | |
| 5. Name and address of party to whom correspondence concerning document should be mailed: | | | 6. Total applications and patents involved: 1 | | |
| OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C. | | | 7. Total fee (37 CFR 3.41): \$40.00 Enclosed | | |
| Attorneys at Law Fourth Floor | | | □ Authorized to be charged to deposit account | | |
| 1755 Jefferson Davis Highway Arlington, Virginia 22202 | | | 8. Deposit account number: 15-0030 (Attach duplicate copy of this page if paying by deposit account) | | |
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| Registration Number: 24,61 | 8 | | | | |
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| 2/1999 NTHAI1 00000150 093015 | | Patents and Trade Assignments | emarks | | |
| :581 | | gton, D.C. 20231 | | | |
| _ | | | | | |

PATENT REEL: 010034 FRAME: 0796

| | WHEREAS, I (WE) Kenji YAGI, Tomotaka MURASE, Keiko SHIRAISHI, Ken-ichi MUTA, Yuichi MORISHITA, Takashi YOSHIDA, Masaru KOBAYASHI, |
|---|---|
| - | |
| - | Koichi ARISHIMA, Shin SUMIDA of: |
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| - | 1-135, 2-4-9, Morino, Machida-shi, Tokyo, Japan |
| _ | 1-2-4-501, Shiroyama, Aso-ku, Kawasaki-shi, Kanagawa-ken, Japan |
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| - | 2-6, Higashihara, Mito-shi, Ibaraki-ken, Japan |
| | 2250-6, Hori-cho, Mito-shi, Ibaraki-ken, Japan |
| | 2-231-2, Miwa, Mito-shi, Ibaraki-ken, Japan |
| | |
| • | 3-4-35, Matsushiro, Tsukuba-shi, Ibaraki-ken, Japan, respectively, |
| 1 | , respectively, nave invented certain new and useful improvements in: Optical Fiber for which an application for Letters Patent was executed on May 8, 1999; May 21, 1999 & May |
| 1 | nave invented certain new and useful improvements in: Optical Fiber |
| 1 | , respectively, nave invented certain new and useful improvements in: Optical Fiber for which an application for Letters Patent was executed on May 8, 1999; May 21, 1999 & May |
| 1 | , respectively, |
|] | |
|] | |

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.

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PATENT REEL: 010034 FRAME: 0797 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.

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: May 8. 1999 | Lenji Jage |
|---------------------|--|
| Date: May. 8. 1499 | (Signature of Inventor) Kenji YAGI Tomotaka Miurusl (Signature of Inventor) Tomotaka MURASE |
| Date: May . J. 1999 | Keike Shippi Shi (Signalure of Inventor) Keiko SHIRAISHI |
| Date: Mary 8. 1999 | (Signacure of Inventor) Ken-ichi MUTA |
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| Date: May 21. 1999 | Takashi Yashida (Signature of Inventor) Takashi YOSHIDA |
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| Date: 14/24 2/ 1999 | Karahe arishin |
| Date: May 25, '99 | ROTCHI ARISHIMA |
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PATENT REEL: 010034 FRAME: 0798

RECORDED: 06/18/1999