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| To the Honorable Commissioner of Patents and Trademarks. Plea | ase record the attached original documents or copy thereof. | | |
|--|--|--|--|
| 1. Name of conveying party(iee): PE | 2. Name and address of receiving party(ies): | | |
| Masamichi MUROTA Toshio MORII Hirokuni SHIRONO JUL 2 9 2002 | Name: NIPPON AEROSIL CO., LTD., | | |
| FIRM PRADEMIN 7-2902 | Address: 3-1, Nishi-shinjuku, 2-chome Shinjuku-ku, Tokyo 163-0913, Japan | | |
| Additional name(s) of conveying party(ies) attached? □Yes ■No | <u>. </u> | | |
| 3. Nature of Conveyance: | | | |
| ■ Assignment □ Merger □ Security Agreement □ Change of Name □ Other | | | |
| Execution Date: June 28, 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 | e execution date of the application is: | | |
| A. Patent Application No.(s) 10/148,212 | B. Patent No.(s) | | |
| Additional numbers at | tached? □Yes ■No | | |
| 5. Name and address of party to whom correspondence concerning document should be mailed: | 6. Total applications and patents involved: 1 | | |
| | 7. Total fee (37 CFR 3.41): \$40.00 ■ Enclosed □ Authorized to be charged to deposit account | | |
| 22850 | 8. Deposit account number: 15-0030 (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 informat of the original document. Marvin J. Spivak Name of Bargen Signing | a. Sacher 7/29/02 | | |
| Name of Person Signing Paul A. Sacher Registration Number: 24,913 Registration No. 43 418 | | | |
| Registration Number: 24,913 Registration No. 43,418 Total number of pages including this cover sheet: 3 | | | |
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PATENT REEL: 013134 FRAME: 0115 Docket No. 223746US2PCT

Assignment of Application

Page 1 of 2

| | WHEREAS, I (WE) 1) Masamichi MUROTA of : | | | | |
|--|--|--|--|--|--|
| ERT NAMES D RESIDENCE | c/o YOKKAICHI FACTORY, NIPPON AEROSIL CO., LTD., | | | | |
| PRESS OF INVENTORS: | 3, Mita-cho, Yokkaichi-shi, MIE 510-0841, JAPAN | | | | |
| | 2) Toshio MORII | | | | |
| | c/o YOKKAICHI FACTORY, NIPPON AEROSIL CO., LTD., | | | | |
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| | 3) Hirokuni SHIRONO | | | | |
| | c/o YOKKAICHI FACTORY, NIPPON AEROSIL CO., LTD., | | | | |
| | 3, Mita-cho, Yokkaichi-shi, MIE 510-0841, JAPAN | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | , respectively, | | | | |
| ERT TITLE NVENTION: | have invented certain new and useful improvements in: A HIGH DISPERSIBLE METAL OXIDE FINE POWDER | | | | |
| | AND ITS TONER COMPOSITE | | | | |
| ERT DATE IN- ITORS SIGNED LARATION: | for which an application for Letters Patent was executed on June 28, 2002 | | | | |
| ERT NAME O ADDRESS OF MPANY OR IER ASSIGNEE | (Application No. 10/148,212 , filed June 10, 2002), and | | | | |
| | WHEREAS, NIPPON AEROSIL CO., LTD., | | | | |
| | (hereinafter referred to as "ASSIGNEE") having a place of business at: 3-1, Nishi-shinjuku, 2-chome Shinjuku-ku, | | | | |
| | Tokyo 163-0913, Japan | | | | |
| | 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

Page 2 of 2

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: | June 28, 2002 | (Signature of Inventor) | Masamichi MUROTA |
|-------|---------------|-------------------------|------------------------------------|
| Date: | June 28, 2002 | (Signature of Inventor) | To shio morri Toshio MORII |
| Date: | June 28, 2002 | (Signature of Inventor) | Airokuni Stirono Hirokuni SHIRONO |
| Date: | | (Signature of Inventor) | Thiokum Sinkoro |
| Date: | | , | |
| Date: | | (Signature of Inventor) | |
| Date: | | (Signature of Inventor) | |
| Date: | | (Signature of Inventor) | |
| Date. | | (Signature of Inventor) | |

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RECORDED: 07/29/2002

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