| | 08-14-1998 —— |
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| DOCKET NO.: 50427-695 (041-2005) PATEN | |
| To the Honorable Commissioner of Patents and Trademarks: | 100793824 py thereto: |
| 1. Name of conveying parties: 8 · 6 - 98 | 2. Name and address of receiving party: |
| Waichi YAMAMURA, Tadakatsu SHIMADA, Hideo HIRASAWA, and | Name: SHIN-ETSU CHEMICAL CO., LTD. |
| Soiduiro KEMMOCHI | Internal Address |
| 1998 | Internal Address: |
| | |
| Nature of conveyance: X Assignment Merger | Street Address: 6-1, Oote-machi 2-chome, Chiyoda-ku |
| Security Agreement Change of Name | oueer reduces. or 1, ook mach 2-chome, chryoda-ku |
| Other | City: Tokyo 100-0004 State/Country: Japan ZIP: |
| Execution Date: June 30, 1998 | Additional name(s) & address(es) attached? _ Yes _ X |
| 4. Application number(s) or patent number(s): 09/087, | |
| If the document is being filed together with a new application, the ex | |
| A. Patent Application No(s). | B. Patent No(s). |
| The Facility of the Control of the C | D. 1 atom (10(3). |
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| Additional numbers attac | hed? Yes _X_ No |
| 5. Name and address of party to whom correspondence | 6. Total number of applications and patents involved: 1 |
| concerning document should be mailed: | ••• |
| concerning document should be mailed: Name: McDERMOTT, WILL & EMERY | 7. Total fee (37 CFR 3.41)\$ |
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| Name: McDERMOTT, WILL & EMERY | 7. Total fee (37 CFR 3.41)\$ Enclosed |
| Name: McDERMOTT, WILL & EMERY | 7. Total fee (37 CFR 3.41)\$ Enclosed Authorized to be charged to deposit account |
| Name: McDERMOTT, WILL & EMERY Internal Address: | 7. Total fee (37 CFR 3.41)\$ Enclosed X Authorized to be charged to deposit account 8. Deposit account number: |
| Name: McDERMOTT, WILL & EMERY Internal Address: Street Address: 99 Canal Center Plaza, Suite 300 | 7. Total fee (37 CFR 3.41)\$ Enclosed Authorized to be charged to deposit account |
| Name: McDERMOTT, WILL & EMERY Internal Address: Street Address: 99 Canal Center Plaza, Suite 300 City: Alexandria State: VA ZIP:22314 | 7. Total fee (37 CFR 3.41) Enclosed X Authorized to be charged to deposit account 8. Deposit account number: 500417 |
| Name: McDERMOTT, WILL & EMERY Internal Address: Street Address: 99 Canal Center Plaza, Suite 300 | 7. Total fee (37 CFR 3.41) Enclosed X Authorized to be charged to deposit account 8. Deposit account number: 500417 |
| Name: McDERMOTT, WILL & EMERY Internal Address: Street Address: 99 Canal Center Plaza, Suite 300 City: Alexandria State: VA ZIP: 22314 DO NOT USE 9. Statement and signature. | 7. Total fee (37 CFR 3.41)s Enclosed X Authorized to be charged to deposit account 8. Deposit account number: 500417 THIS SPACE |
| Name: McDERMOTT, WILL & EMERY Internal Address: Street Address: 99 Canal Center Plaza, Suite 300 City: Alexandria State: VA ZIP: 22314 DO NOT USE | 7. Total fee (37 CFR 3.41)s Enclosed X Authorized to be charged to deposit account 8. Deposit account number: 500417 THIS SPACE |
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| Name: McDERMOTT, WILL & EMERY Internal Address: Street Address: 99 Canal Center Plaza, Suite 300 City: Alexandria State: VA ZIP: 22314 DO NOT USE 9. Statement and signature. To the best of my knowledge and belief, the foregoing information the original document. Robert L. Price, 22,685 | 7. Total fee (37 CFR 3.41) |
| Name: McDERMOTT, WILL & EMERY Internal Address: Street Address: 99 Canal Center Plaza, Suite 300 City: Alexandria State: VA ZIP: 22314 DO NOT USE 9. Statement and signature. To the best of my knowledge and belief, the foregoing information the original document. | 7. Total fee (37 CFR 3.41) |
| Name: McDERMOTT, WILL & EMERY Internal Address: Street Address: 99 Canal Center Plaza, Suite 300 City: Alexandria State: VA ZIP: 22314 DO NOT USE 9. Statement and signature. To the best of my knowledge and belief, the foregoing information the original document. Robert L. Price, 22,685 | 7. Total fee (37 CFR 3.41) |

PATENT

REEL: 9376 FRAME: 0828

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| 809-1027 |
| 2783-000-55 |
| W2-9802-4K |

| Docket No.: | |
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| | ASSIGNMENT |
|--|--|
| In consideration of the premises and other good is hereby acknowledged, the undersigned, | d and valuable consideration in hand paid, the receipt and sufficiency of which |
| (1) Waichi YAMAMURA (2) Tadakatsu SHIMADA (3) Hideo HIRASAWA | (4) <u>Soichiro KEMMOCHI</u> (5)(6) |
| who have made a certain new and useful invention, he | reby sell, assign and transfer unto |
| SHIN-ETSU CHEMICAL CO., LTD. of 6-1, Oote-machi 2-chome, Chiy | vođa-ku, Tokyo 100-0004 Japan |
| its successors and assigns (hereinafter designated "ASS as defined in 35 U.S.C. 100 in the invention entitled | SIGNEE") the entire right, title and interest for the United States of America |
| METHOD FOR DRAWING A GLASS | S INGOT |
| by United States Serial No. 09/087,663 | Patent was filed on |
| United States Letters Patent which may be granted the continuations, or continuations-in-part thereof, and the Industrial Property to the said ASSIGNEE, for its in undersigned agree that the attorneys of record in said a AND the undersigned hereby agree to transfer and obtaining original, divisional, reissued or extended | United States Commissioner of Patents and Trademarks to issue any and all terefor and any and all extensions, divisions, reissues, substitutes, renewals, right to all benefits under the International Convention for the Protection of Interest as ASSIGNEE, its successors, assigns and legal representatives; the application shall hereafter act on behalf of said ASSIGNEE; a like interest, and to render all necessary assistance in making application for I Letters Patent of the United States, upon request of the said ASSIGNEE, its |
| based thereon, growing out of or related to the said inver- and legal representatives, deemed essential to ASSIGN | It further remuneration, in and to any improvements, and applications for patenintion; and to execute any papers by the said ASSIGNEE, its successors, assigns IEE's full protection and title in and to the invention hereby transferred. |
| SIGNED on the dates indicated aside our signatures: INVENTORS | DATE SIGNED |
| 1) Waichi Yamamura | June 30, 1998 |
| Name: Waichi Yamamura 2) Josak Frinada | June 30, 1998 |
| Name: Tadakatsu Shimada 3) | June 30, 1998 |
| Name: Hideo Hirasawa 4) Southwo Kemmochi Name: Soichiro Kemmochi 5) | June 30, 1998 |
| Name: | |
| Name: | |

PATENT REEL: 9376 FRAME: 0829