PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|-----------------|----------------|
| Osamu HIGASHIDA | 04/13/2009 |
| Michio OGAWA | 04/13/2009 |

RECEIVING PARTY DATA

| Name: | Hitachi Chemical Co., Ltd. | |
|-----------------|--|--|
| Street Address: | 1-1, Nishishinjuku 2-chome, Shinjuku-ku, | |
| City: | Tokyo | |
| State/Country: | JAPAN | |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 12520315 |

CORRESPONDENCE DATA

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Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

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| ATTORNEY DOCKET NUMBER: | 1204.50033X00 |
|-------------------------|--------------------|
| NAME OF SUBMITTER: | Alan E. Schiavelli |

Total Attachments: 1

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PATENT REEL: 022874 FRAME: 0428 OF \$40.00 12520315

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ASSIGNMENT

ATTY, DOCKET NO.:

WHEREAS the below named inventor (if only one inventor is named below) or inventors (if plural inventors are named below) hereinafter referred to as the ASSIGNOR invented a certain improvement relating to

| | LIGHT CONTROL | FILM | |
|--|---|---|--|
| | for which an application for | or Letters Patent to be fil | led in the United States Patent and Trademark Office was executed on even date. |
| | for which U.S. Application | a Serial No. | for Letters Patent was filed in the U.S. Patent and Trademark Office on |
| \boxtimes | for which an International | HITACHI CHEM | n December 21,2007 as PCT/JP2007/074750 , designating the United States. ICAL CO., LTD., Japanese company at 2-chome, Shinjuku-ku, Tokyo |
| include renew NOW and trapplied any area contine extension term use an ASSI AND said inceeded AND and a The widentification. | ding any and all divisions at vals, reissues, reexamination vals, reissues, reexamination vals, reissues, reexamination vals, reissues, reexamination vals in the cation, including any and all all renewals, reissues, reing or to accrue with respecting and legal representation and end and any artificial state of any and all such Letter and benefit of ASSIGNEE art GNOR might or could have ASSIGNOR hereby agrees and in connection with filing a ASSIGNOR authorizes and all divisions and continuation and continuation and crisigned hereby grant(s) | and continuations thereof, as and extensions thereof, as and extensions thereof and extensions and considerassigns and legal represed divisions and continuate examinations and extensions to the filing or securing the security was to have, hold, exercised all Letters Patent which ghts, powers, privileges are Patent when granted, and its assigns and legal results as the execute all papers that ame to said ASSIGNEE, as and applications and sead requests the Commissions thereof, to ASSIGNEI, the law firm of Antoneli | equiring the entire right, title, and interest in and to said invention and application, and any and all Letters Patent which may be granted thereon, including any and all f. eration, the receipt whereof is hereby acknowledged, ASSIGNOR hereby assigns, sells, intatives, the entire and exclusive right, title and interest in and to said invention and ions thereof, and any and all Letters Patent which may be granted therefor, including sions thereof, and in and to any and all priority and/or convention rights or benefits go of patents in the United States and/or any countries foreign thereto, SAID ASSIGNEE se, and enjoy said invention and application, including any and all divisions and the may be granted therefor, including any and all renewals, reissues, reexaminations and advantages in anywise arising from or appertaining thereto, for and during the term including any and all renewals, reissues, reexaminations and extensions thereof, for the epresentatives, in as ample and beneficial a manner to all intents and purposes as the me, if the assignment had not been made. at may be necessary to file applications in the United States and foreign countries for its assigns and legal representatives and to execute any other papers that may be curring Letters Patents thereon. Oner of Patents and Trademarks to issue a Letters Patent on said application, and on any E, its assigns and legal representatives, in accordance herewith. It, Terry, Stout, Kraus, LLP the power to insert on this assignment any further er to comply with the rules of the United States Patent and Trademark Office for |

IN TESTIMONY WHEREOF this assignment is executed by ASSIGNOR.

| | | | r |
|---------|---|------------------------------------|---------------------|
| 201 | FULL NAME OF SOLE OR FIRST NAMED INVENTOR OSAMU HIGASHIDA | Desamu Higashida | April 13.2009 |
| 202 | full name of second joint inventor Michio OGAWA | INVENTOR'S SIGNATURE Michio Ozawa | DATE April 13, 2009 |
| 203 | FCLL NAME OF THIRD JOINT INVENTOR | INVENTOR'S SIGNATURE | DATE |
| 204 | FULL NAME OF FOURTH JOINT INVENTOR | INVENTOR'S SIGNATURE | DATE |
| 205 | FULL NAME OF FIFTH JOINT INVENTOR | INVENTOR'S SIGNATURE | DATE |
| 206 | FULL NAME OF SIXTH KINT INVENTOR | INVENTOR'S SIGNATURE | DATE |
| 207 | FULL NAME OF SEVENTH JOINT INVENTOR | INVENTOR'S SIGNATURE | DATE |

PATENT REEL: 022874 FRAME: 0429

RECORDED: 06/25/2009