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| Yasuo Shirasaki - 9/8/06 | Internal Address: |
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| Additional name(s) of conveying party(ies) attached? Yes ✓ No 3. Nature of conveyance/Execution Date(s): | Street Address: _11-2, Fujimi 1-chome |
| Execution Date(s) September 5, 8 and 28, 2006 | Officer Address. Tree, rujim renome |
| ✓ Assignment Merger | |
| Security Agreement Change of Name | City: Chiyoda-ku |
| Joint Research Agreement | State: Tokyo |
| Government Interest Assignment | Country 1 |
| Executive Order 9424, Confirmatory License | Country: Japan Zip: 102-8172 |
| Other | Additional name(s) & address(es) attached? Yes No |
| 4. Application or patent number(s): | document is being filed together with a new application. |
| A. Patent Application No.(s) | B. Patent No.(s) |
| | |
| Section 2019 755 - Sections (\$60.00 €) Additional numbers att | ached? |
| 5. Name and address to whom correspondence | 6. Total number of applications and patents |
| concerning document should be mailed: | involved: 1 |
| Name: Nields & Lemack | 7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00 |
| Internal Address: Suite 7 | Authorized to be charged by credit card |
| | Authorized to be charged to deposit account |
| Street Address: 176 E. Main Street | ✓ Enclosed |
| Oli Cot / Iddi Coo | None required (government interest not affecting title) |
| City: Westboro | 8. Payment Information |
| 7:-:04504 | a. Credit Card Last 4 Numbers Expiration Date |
| Oldio. | · |
| Phone Number: <u>508-898-1818</u> | b. Deposit Account Number <u>14-0930</u> |
| Fax Number: 508-898-2020 | Authorized User Name Kevin S. Lemack |
| Email Address: NLDlaw@aol.com | - 40,0000 |
| 9. Signature: | December 12, 2006 Date |
| Signature | Total number of pages including cover 4 |
| Kevin S. Lemack (576P098) Name of Person Signing | sheet, attachments, and documents: |

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to: Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

ASSIGNMENT

IN CONSIDERATION of the sum of One Dollar (\$1.00) or the equivalent thereof, and other good and valuable consideration paid to us, Takashi YONEDA, a citizen of Japan, residing at c/o NIPPON KAYAKU KABUSHIKI KAISHA FUNCTIONAL CHEMICALS R & D LABORATORIES, 31-12, Shimo 3 chome, Kita-ku, Tokyo 115-8588 JAPAN, Hiroaki OHNO, a citizen of Japan, residing at c/o NIPPON KAYAKU KABUSHIKI KAISHA FUNCTIONAL CHEMICALS R & D LABORATORIES, 31-12, Shimo 3 chome, Kita-ku, Tokyo 115-8588, Yasuo SHIRASAKI, a citizen of Japan, residing at 61-7, Minaminakano, Minuma-ku, Saitama-shi, Saitama 337-0042 JAPAN by NIPPON KAYAKU KABUSHIKI KAISHA, a corporation organized under the laws of Japan, located at 11-2, Fujimi 1-chome, Chiyoda-ku, Tokyo 102-8172 Japan, receipt of which is hereby acknowledged, we, the said, Takashi YONEDA, Hiroaki OHNO, and Yasuo SHIRASAKI, do hereby sell and assign to said NIPPON KAYAKU KABUSHIKI KAISHA, its successors and assigns, all our rights, title and interest, in and for the United States of America, in and to "AZO COMPOUND, INK COMPOSITION, AND COLORED OBJECT" invented by Takashi YONEDA, Hiroaki OHNO, and Yasuo SHIRASAKI, and described in the application for United States Letters Patent based thereon executed by us on the ____day of__ 2006 (PCT/JP2005/011352, June 21, 2005) and all United States Letters Patent which may be granted therefore, and all divisions, reissues, continuations and extensions thereof, the said interest being the entire ownership of the said Letters Patent when granted, to be held and enjoyed by said NIPPON KAYAKU KABUSHIKI KAISHA, its successors, assigns or other legal representatives, to the full end of term for which said Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by us if this assignment and sale had not been made;

And we hereby agree to sign and execute any further documents or instruments which may be necessary, lawful, and proper in the prosecution of said above-named application or in the

PATENT REEL: 018685 FRAME: 0715 preparation and prosecution of any continuing, continuation-in-part, substitute, divisional, renewal, reviewed or reissue applications or in any amendment, extension or interference proceedings, or otherwise to secure the title thereto in said assignee;

And we do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to said NIPPON KAYAKU KABUSHIKI KAISHA.

Signed on the dates indicated aside our signatures:

DATE SIGNED WITNESSES INVENTORS Takashi Taneda 09/05/2006

Maski Chno 09/28/2006

Maski Chno 09/28/2006

Maski Chno 09/28/2006

Maski Chno 09/08/2006

Maski Chno 09/08/2

Yasuo SHIRASAKI

RECORDED: 12/12/2006

PATENT **REEL: 018685 FRAME: 0716**