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| (• m · · · · · · · · · · · · · · · · · · | se record the attached documents or the new address(es) below. | | |
| 1. Name of conveying party(ies) | 2. Name and address of receiving party(ies) | | |
| Etsuo Koyama Hiroyoshi Matsumura | Name: Tecdia Co., Ltd. | | |
| - | Internal Address: | | |
| Additional name(s) of conveying party(ies) attached? Yes 🗸 No | 4 | | |
| 3. Nature of conveyance/Execution Date(s): | Street Address: 3-1-1 Higashi-Ikebukuro | | |
| Execution Date(s) October 31, 2006 Merger | Toshima-ku | | |
| Assignment Merger | City: Tokyo | | |
| Security Agreement Change of Name | | | |
| Joint Research Agreement Government Interest Assignment | State: | | |
| Executive Order 9424, Confirmatory License | Country: Japan Zip: 170-6020 | | |
| Other | Additional name(s) & address(es) attached? Yes No | | |
| 11/541,783 Additional numbers att | tached? | | |
| 5. Name and address to whom correspondence concerning document should be mailed: | 6. Total number of applications and patents involved: 1 | | |
| Name:Matthew A. Pequignot | 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40 | | |
| Internal Address: | Authorized to be charged by credit card | | |
| | Authorized to be charged to deposit account | | |
| Street Address: Hall, Vande Sande & Pequignot, LLP | Enclosed | | |
| 10220 River Road, Ste. 200 | None required (government interest not affecting title) | | |
| City: Potomac | 8. Payment Information | | |
| State: Maryland Zip: 20854 | a. Credit Card Last 4 Numbers Expiration Date | | |
| Phone Number: 301-983-2500 | b. Deposit Account Number 50-0644 | | |
| Fax Number: 301-983-2100 | | | |
| Email Address: mp@hvpllp.com | Authorized User Name Matthew A. Pequignot | | |
| 9. Signature: West 1 | November 22, 2006 Date | | |
| Signature | | | |
| Matthew A. Pequignot Name of Person Signing | Total number of pages including cover 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

PATENT

ASSIGNMENT

WHEREAS, we, Etsuo Koyama, a citizen of Japan, mailing address c/o Tecdia Co., Ltd., 3-1-1 Higashi-Ikebukuro, Toshima-ku, Tokyo, 170-6020 Japan, and Hiroyoshi Matsumura, a citizen of Japan, residing mailing address c/o Tecdia Co., Ltd., 3-1-1 Higashi-Ikebukuro, Toshima-ku, Tokyo, 170-6020 Japan, are the inventors of an invention in OPTICAL SWITCH AND OPTICAL ADD/DROP MULTIPLEXER, the specification of which was filed in the United States Patent and Trademark Office on October 2, 2006; and

WHEREAS, Tecdia Co., Ltd., incorporated in Japan, with a place of business at 3-1-1 Higashi-Ikebukuro, Toshima-ku, Tokyo, 170-6020 Japan, is desirous of obtaining the entire right, title and interest in, to and under the said invention and any patent application made therewith;

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to us in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, we the said Etsuo Koyama and Hiroyoshi Matsumura have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said Tecdia Co., Ltd., its successors, legal representatives and assigns, the entire right, title and interest in, to and under the said invention, and any said application and all divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all applications for Letters Patent which may hereafter be filed for said invention in any country or countries foreign to the United States, and all Letters Patent which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof and all rights of priority in any such country or countries based upon the filing of the said application for Letters Patent of the United States which are created by any law, treaty or international convention; and we hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said invention to the said Tecdia Co., Ltd. its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant that we have full right to convey the entire interest herein assigned, and that we have not executed, and will not execute, any agreement in conflict herewith.

AND WE HEREBY further covenant and agree that we will communicate to said Tecdia Co., Ltd., its successors, legal representatives and assigns, any facts known to us respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid the said Tecdia Co., Ltd., its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said invention in all countries.

| IN TESTIMONY WHE our respective signatures. | REOF, v | we hereunto set our hands and seals the day and year set op | posite |
|---|---------|---|--------|
| Date October 31, | 2006 _ | | L.S. |
| Date October 31, | 2006 _ | Surgash Latsunma Hiroyoshi Matsumura | L.S. |
| Witnessed by: | | <u>``</u> | |

RECORDED: 11/22/2006

PATENT REEL: 018565 FRAME; 0334/20