03-19-2002 Attorney Docket No. 020229 **JT OF COMMERCE** ind Trademark Office RECORD Commissioner for Patents: Please record the attached original documents or copy thereof. **Submission type:** XX New Conveyance type: XX Assignment Conveying Party(ies): **Execution Date** First party Name: MUKAI, Kohki February 12, 2002 Second party Name: Third party Name: Fourth party Name: Fifth party Name: Additional name(s) of conveying party(ies) attached? Yes No XX Receiving Party (ies): First party Name: FUJITSU LIMITED Address: 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 Japan Additional name(s) & address(es) attached? Yes No XX

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> PATENT REEL: 012673 FRAME: 0048

| Page 2  |  |  |  |  |  |
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| Application Number(s) or Patent Number(s) Additional numbers attached? Yes No XX  |  |  |  |  |  |
| A. Patent Application No.(s)  ##  B. Patent No.(s)  ##  |  |  |  |  |  |
| If this document is being filed together with a <u>new application</u> , enter the date the application was signed by the first named executing inventor: <u>February 12, 2002</u> (Do not recite both application and patent numbers.)                       |  |  |  |  |  |
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| Statement and signature  To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.  Donald W. Hanson Name of Person Signing  March 8, 2002  Date  Registration No. |  |  |  |  |  |
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PATENT REEL: 012673 FRAME: 0049

| Armstrong, Weste | rman, Hattori, | McLeland | & | Naugl | aton |
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| U.S. ASSIGNMENT  |  |  |        |  |  |
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|  |  | um of One Dollar (\$1.00), and o       |        |  |  |
| (Insert ASSIGNEE's Name(s) Address(es))                                      | FUJITSU LIMITED  1-1, Kamikodanaka 4-chome, Nakahara-ku,  Kawasaki-shi, Kanagawa 211-8588 Japan  |  |        |  |  |
|  | (hereinafter ASSIGNEE), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled OPTICAL SIGNAL PROCESSING DEVICE, OPTICAL DEMULTIPLEXER,  |  |        |  |  |
| (Title of Invention)   | WAVELENGTH CONVERTING DEVICE, OPTICAL SIGNAL PROCESSING METHOD, AND WAVELENGTH CONVERTING METHOD   |  |        |  |  |
| (*If the assignment is being filed after the filing of the application, this | for which application for Letters Patent of the United States was executed on even date herewith unless otherwise indicated below:   |  |        |  |  |
| section must be completed)   | filed on, Serial No  (Armstrong, Westerman, Hattori, McLeland & Naughton is hereby authorized to insert the series code, serial number and/or filing date hereon, when known)  |  |        |  |  |
|  | and all Letters Patent of the United States to be obtained therefor on said application or any continuation, divisional, substitute, reissue or reexamination thereof for the full term or terms for which the same may be granted.  |  |        |  |  |
|  | The ASSIGNOR agrees to execute all papers necessary in connection with the application and any continuation, divisional, reissue or reexamination applications thereof and also to execute separate assignments in connection with such applications as the ASSIGNEE may deem necessary or expedient.  |  |        |  |  |
|  | The ASSIGNOR agrees to execute all papers necessary in connection with any interference, litigation, or other legal proceeding which may be declared concerning this application or any continuation, divisional, reissue or reexamination thereof or Letters Patent or reissue patent issued thereon and to cooperate with the ASSIGNEE in every way possible in obtaining and producing evidence and proceeding with such interference, litigation, or other legal proceeding. |  |        |  |  |
|  | •  | dersigned inventor(s) has (have) affix | •      |  |  |
| (Signatures)   | 7 - 0 - 0 - 0 - 0 - 0 - 0 - 0 - 0 - 0 -  | Kohki MUKAI                            |        |  |  |
|  | (SIGNATURE)  | (TYPE NAME)                            | (DATE) |  |  |
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