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| 1-31-92  | PATENTS ONLY   | Patent & Trademark Office  |
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| To the Honorable Commissioner of Patents and Trademar  | es. Please record the attached origina   | al documents or copy thereof.                                    |
|  | T PA   |  |
| 1. Name of conveying party(ies):   | <b>5</b> 1   | of receiving party(ies):   |
| SDL, INC.  | 3 2002 T Name: JDS UNIPHA  |  |
| 80 ROSE ORCHARD WAY  | Address: 1768 AUTOM  | ATION PARKWAY  |
| SAN JOSE, CA 95134   | SAN JOSE,  | CA 95131   |
| Additional name(s) of conveying party(ies) attached (  | )Yes (X)No   | 09-20-2002   |
| 3. Nature of Conveyance:   | 191312   |  |
| (X) Assignment   | ( ) Merger   | 102228748  |
| ( ) Security Agree   | ment () Change of  | ,  |
| ( ) Other  |  |  |
| Execution Date: 8  | /15/02   |  |
| Additional name(s) and address(s) attached? () Yes   | (X) No   |  |
| Additional name(s) and address(s) attached: () les   | (A) NO   |  |
| 4. Application number(s) or patent number if this document is being filed together with a new A. Patent application No.(s) | er(s): ew application, the execution date of B. Patent No.(  |  |
| 09/772,436   |  |  |
|  |  |  |
| Addition   | nal numbers attached? ( )Yes (X)No   |  |
| 5. Name and address of party to whom<br>correspondence concerning document<br>should be mailed:                            |  | r of applications [ 1 ]  |
| Name: Charles E. Wands, Esq.   | 7. Total fee (   | 37 CFR 3.41)\$ <u>40.00</u>                                      |
| Internal Address: Allen, Dyer,   | [ ] Enc]   | Losed  |
| Doppelt, Milbrath & Gilchrist, F   |  | norized to be charged to account.                                |
| Street Address: 1901 S. Harbor City B  | lvd.   |  |
| Suite 507  | 8. Deposit Acc   | ount Number:   |
| City: Melbourne  | 50-1   | 465  |
| State: Florida Zip: 32901  |  | tension and/or fee is required,<br>l fee for claims is required. |
| 09/19/2002 GTON11 00000190 501465 09772436 )   | _  |  |
| 01 FC:581 40.00 CH   | NOT USE THIS SPACE   |  |
| VI F6:361 40:00 Gn   |  |  |
|  |  |  |
| 9. Statement and signature. To the best of my knowledge and correct and any attached copy i                                |  |  |
| correct and any accaemed copy r  | s a crue copy of the o   | riginal document.  |
| Charles E. Wands   | Common of the co | September 6, 2002  |
|  | Signature  | Date   |
| Total number of pages including  | cover sheet, attachme  | nts and document: [ 4 ]  |

ASSIGNMENT

THIS ASSIGNMENT, made by SDL, Inc., a corporation of the state of

Delaware, having its principal place of business at 80 Rose Orchard Way, San Jose,

California, United States of America, 95134, hereinafter referred to as assignor;

WITNESSETH: That,

WHEREAS the above named corporation is the owner of the entire right, title,

and interest in and to the US Patent Applications set forth in Schedule A attached hereto,

and all rights therein provided by international conventions or treaties, and the inventions

disclosed and claimed therein, and any applications that rely on one or more of the patent

applications set forth in Schedule A for priority, including with respect to all of the

foregoing, any and all divisionals, continuations, continued prosecution applications,

continuations-in-part, reissues, reexaminations thereof as well as foreign counterparts

thereof, together with all patents issuing on any of the aforesaid applications for a patent,

subject to any U.S. Government rights therein (collectively the "Patent Applications");

WHEREAS JDS Uniphase Corporation, a Delaware corporation having its

principal place of business at 1768 Automation Parkway, San Jose, California, U.S.A.,

95131, hereinafter referred to as assignee, is desirous of acquiring the assignor's entire

right, title, and interest in and to said Patent Applications;

NOW, THEREFORE, To All Whom It May Concern, be it known that for good

and valuable consideration, the receipt and sufficiency of which is hereby acknowledged,

the above assignor has sold and by these presents does hereby sell, assign, transfer, and

convey unto the said assignee, its successors and assigns, its entire right, title, and interest

in and to said Patent Applications.

The assignor further covenants and agrees that, at the time of execution and delivery of

these presents, it possesses full title to said Patent Applications as earlier identified

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REEL: 013302 FRAME: 0014

| Executed this 15 day of August at, United States | _,2002.<br>s.                                 |
|--|---|
|  | Michael C. Phillips<br>President<br>SDL, Inc. |
| Declaration by Witness                           |   |
| I,   | , whose full post office address is           |
| Sa   | ny:   |

subject to any U.S. Government rights therein, and that it has the unencumbered right and

authority to make this assignment.

That I was personally present and did see Michael C. Phillips, President, SDL, Inc., who is personally known to me, duly sign and execute the above Assignment.

Signature of Witness

Davallashy

## Schedule A

|   | Serial No  | Filing Date | Patent No | Issue Date | Our File No. |
|---|------------|-------------|-----------|------------|--------------|
| 1 | 09/772,436 | 29-Jan-01   |           |            | P1191        |

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**RECORDED: 09/13/2002** 

PATENT REEL: 013302 FRAME: 0016