

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT2838293

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| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| BARRIE KEYWORTH | 04/01/2014 |
| PAUL COLBOURNE | 04/01/2014 |
| RECEIVING PARTY DATA | |
| Name: | JDS UNIPHASE CORPORATION |
| Street Address: | 430 N MCCARTHY BOULEVARD |
| City: | MILPITAS |
| State/Country: | CALIFORNIA |
| Postal Code: | 95035 |
| PROPERTY NUMBERS Total: 1 | |
| Property Type | Number |
| Application Number: | 14230397 |
| CORRESPONDENCE DATA | |
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| ATTORNEY DOCKET NUMBER: | 10-687 US |
| NAME OF SUBMITTER: | DOUG MACLEAN |
| SIGNATURE: | /Doug MacLean/ |
| DATE SIGNED: | 05/01/2014 |
| Total Attachments: 2 | |
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| source=Assignment#page2.tif | |

ASSIGNMENT OF INVENTION
UNIVERSAL

WHEREAS, we **Barrie Keyworth; and Paul Colbourne**, whose full post office addresses are **45 Jacqueline Crescent, Stittsville, Ontario, K2S 1M2, Canada; and 127 Shepody Circle, Ottawa, Ontario, K1T 4H9, Canada**, respectively, have made an invention as described in the patent application entitled

**A WAVELENGTH SELECTIVE SWITCH USING ORTHOGONALLY POLARIZED
OPTICAL BEAMS**

filed herewith.

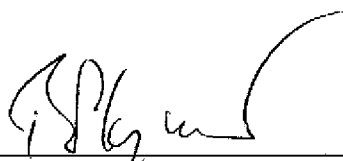
We hereby authorize our attorney to insert here in parentheses (Application Number 14/230,397 , filed March 31, 2014), the filing date and application number of said application, when known.

WHEREAS, **JDS Uniphase Corporation** (hereinafter referred to as the assignee), whose full post office address is **430 N. McCarthy Boulevard, Milpitas, California, 95035, USA** is desirous of acquiring the entire right, title and interest in and to said invention or inventions and in and to any and all patents to be obtained therefor;

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, we have and by these presents do hereby sell, assign and transfer unto said assignee, its successors and assignees, the entire right, title and interest in and to said invention or inventions, as described in the aforesaid application, in any form or embodiment thereof, and in and to the aforesaid application, and in and to any applications filed in any foreign country based thereon, including the right to file said foreign applications under the provisions of the International Convention; also the entire right, title and interest in and to any and all patents, reissues or extensions thereof to be obtained in this or any foreign country upon said invention or inventions, and any divisional, continuation, substitute application(s) or supplementary disclosure(s) which may be filed upon said invention or inventions, in any country; and we hereby authorize and request the issuing authority to issue any and all patents on said application or applications to said assignee.

We hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that wilful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such wilful false statements may jeopardize the validity of the application or any patent issued thereon.

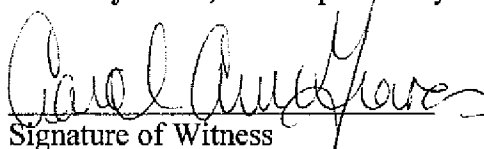
Executed this 1st day of April, 2014.
at Ottawa, ON
(place)


Barrie Keyworth


Declaration by Witness

I, Carol Ann Graves, whose full post office address is
384 V. a Verona Ave Nepean ON say:

That I was personally present and did see **Barrie Keyworth**, who is personally known to me, duly sign and execute the above Assignment.


Signature of Witness

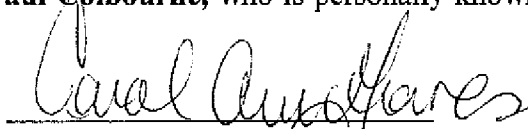
Executed this 1 day of April, 2014.
at Ottawa, ON
(place)


Paul Colbourne

Declaration by Witness

I, Carol Ann Graves, whose full post office address is
384 V. a Verona Ave Nepean ON say:

That I was personally present and did see **Paul Colbourne**, who is personally known to me, duly sign and execute the above Assignment.


Signature of Witness