

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT								
NATURE OF CONVEYANCE:	ASSIGNMENT								
CONVEYING PARTY DATA									
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Norman HODGSON</td> <td>04/11/2011</td> </tr> <tr> <td>Michael HERTWIG</td> <td>04/12/2011</td> </tr> <tr> <td>H. Yang PANG</td> <td>04/27/2011</td> </tr> </tbody> </table>		Name	Execution Date	Norman HODGSON	04/11/2011	Michael HERTWIG	04/12/2011	H. Yang PANG	04/27/2011
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Michael HERTWIG	04/12/2011								
H. Yang PANG	04/27/2011								
RECEIVING PARTY DATA									
Name:	Coherent, Inc.								
Street Address:	5100 Patrick Henry Drive								
City:	Santa Clara								
State/Country:	CALIFORNIA								
Postal Code:	95054								
PROPERTY NUMBERS Total: 1									
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13079737</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13079737				
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CORRESPONDENCE DATA									
Fax Number:	(415)268-7522								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
Phone:	(415) 268-6003								
Email:	ckokka@mofo.com								
Correspondent Name:	Michael A. Stallman								
Address Line 1:	425 Market Street								
Address Line 2:	Morrison & Foerster LLP								
Address Line 4:	San Francisco, CALIFORNIA 94105								
ATTORNEY DOCKET NUMBER:	658302038700								
NAME OF SUBMITTER:	Michael A. Stallman								
Total Attachments: 4 source=Assignment_65830-2038700#page1.tif source=Assignment_65830-2038700#page2.tif source=Assignment_65830-2038700#page3.tif source=Assignment_65830-2038700#page4.tif									

CH \$40.00 13079737

**ASSIGNMENT
JOINT**

THIS ASSIGNMENT, by (1) **Norman HODGSON**, (2) **Michael HERTWIG**, and (3) **H. Yang PANG** (hereinafter referred to as the assignors), residing at (1) 2419 DeKoven Avenue, Belmont, California, 94002, (2) 9885 Broadmoor Drive, San Ramon, California 94583, and (3) 3297 Pomerado Drive, San Jose, California, 95135, respectively, witnesseth:

WHEREAS, said assignors have invented certain new and useful improvements in **TRANSITION-METAL-DOPED THIN-DISK LASER**, set forth in an application for Letters Patent of the United States, bearing Serial No. **13/079,737** and filed on **April 4, 2011**; and

WHEREAS, **Coherent, Inc.**, a corporation duly organized under and pursuant to the laws of Delaware and having its principal place of business at **5100 Patrick Henry Drive, Santa Clara, California 95054** (hereinafter referred to as the assignee) is desirous of acquiring the entire right, title and interest in and to said inventions and said application for Letters Patent of the United States, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon:

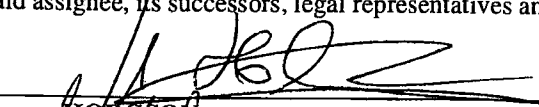
NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, said assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto said assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions, application for Letters Patent, and any and all Letters Patent or Patents in the United States of America and all foreign countries which may be granted therefor and thereon, and in and to any and all divisions, continuations and continuations-in-part of said application, or reissues or extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by said assignee, for its own use and the use of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted, as fully and entirely as the same would have been held and enjoyed by the assignors, had this sale and assignment not been made.

AND for the same consideration, said assignors hereby covenant and agree to and with said assignee its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, said assignors are the sole and lawful owners of the entire right, title and interest in and to said inventions and the application for Letters Patent above-mentioned, and that the same are unencumbered and that said assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, said assignors hereby covenant and agree to and with said assignee, its successors, legal representatives and assigns, that said assignors will, whenever counsel of said assignee, or the counsel of its successors, legal representatives and assigns, shall advise that any proceeding in connection with said inventions, or said application for Letters Patent, or any proceeding in connection with Letters Patent for said inventions in any country, including interference proceedings, is lawful and desirable, or that any division, continuation or continuation-in-part of any application for Letters Patent or any reissue or extension of any Letters Patent, to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of Letters Patent for said inventions, without charge to said assignee, its successors, legal representatives and assigns, but at the cost and expense of said assignee, its successors, legal representatives and assigns.

AND said assignors hereby request the Commissioner of Patents to issue said Letters Patent of the United States to said assignee as the assignee of said inventions and the Letters Patent to be issued thereon for the sole use of said assignee, its successors, legal representatives and assigns.

04/11/2011
Date



Norman HOBGSON

04/12/2011
Date



Michael HERTWIG

Date

H. Yang PANG

**ASSIGNMENT
JOINT**

THIS ASSIGNMENT, by (1) **Norman HODGSON**, (2) **Michael HERTWIG**, and (3) **H. Yang PANG** (hereinafter referred to as the assignors), residing at (1) 2419 DeKoven Avenue, Belmont, California, 94002, (2) 9885 Broadmoor Drive, San Ramon, California 94583, and (3) 3297 Pomerado Drive, San Jose, California, 95135, respectively, witnesseth:

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NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, said assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto said assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions, application for Letters Patent, and any and all Letters Patent or Patents in the United States of America and all foreign countries which may be granted therefor and thereon, and in and to any and all divisions, continuations and continuations-in-part of said application, or reissues or extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by said assignee, for its own use and the use of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted, as fully and entirely as the same would have been held and enjoyed by the assignors, had this sale and assignment not been made.

AND for the same consideration, said assignors hereby covenant and agree to and with said assignee its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, said assignors are the sole and lawful owners of the entire right, title and interest in and to said inventions and the application for Letters Patent above-mentioned, and that the same are unencumbered and that said assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, said assignors hereby covenant and agree to and with said assignee, its successors, legal representatives and assigns, that said assignors will, whenever counsel of said assignee, or the counsel of its successors, legal representatives and assigns, shall advise that any proceeding in connection with said inventions, or said application for Letters Patent, or any proceeding in connection with Letters Patent for said inventions in any country, including interference proceedings, is lawful and desirable, or that any division, continuation or continuation-in-part of any application for Letters Patent or any reissue or extension of any Letters Patent, to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of Letters Patent for said inventions, without charge to said assignee, its successors, legal representatives and assigns, but at the cost and expense of said assignee, its successors, legal representatives and assigns.

AND said assignors hereby request the Commissioner of Patents to issue said Letters Patent of the United States to said assignee as the assignee of said inventions and the Letters Patent to be issued thereon for the sole use of said assignee, its successors, legal representatives and assigns.

Date **Norman HODGSON**

Date **Michael HERTWIG**

4/27/2011
Date **H. Yang PANG** 