

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT										
NATURE OF CONVEYANCE:	CORRECTIVE ASSIGNMENT Corrective Assignment to correct the Assignee name on the assignment recordation previously recorded on Reel 013264 Frame 0574. Assignor(s) hereby confirms the correct Assignee name is: Aston Photonic Technologies Limited.										
CONVEYING PARTY DATA											
<table border="1"><tr><th>Name</th><th>Execution Date</th></tr><tr><td>Indigo Photonic Technologies Limited</td><td>08/02/2002</td></tr></table>		Name	Execution Date	Indigo Photonic Technologies Limited	08/02/2002						
Name	Execution Date										
Indigo Photonic Technologies Limited	08/02/2002										
RECEIVING PARTY DATA											
<table border="1"><tr><td>Name:</td><td>Aston Photonic Technologies Limited</td></tr><tr><td>Street Address:</td><td>Faraday Wharf, Aston Science Park, Holt Street</td></tr><tr><td>City:</td><td>Birmingham</td></tr><tr><td>State/Country:</td><td>UNITED KINGDOM</td></tr><tr><td>Postal Code:</td><td>B7 4BB</td></tr></table>		Name:	Aston Photonic Technologies Limited	Street Address:	Faraday Wharf, Aston Science Park, Holt Street	City:	Birmingham	State/Country:	UNITED KINGDOM	Postal Code:	B7 4BB
Name:	Aston Photonic Technologies Limited										
Street Address:	Faraday Wharf, Aston Science Park, Holt Street										
City:	Birmingham										
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Postal Code:	B7 4BB										
PROPERTY NUMBERS Total: 1											
<table border="1"><tr><th>Property Type</th><th>Number</th></tr><tr><td>Application Number:</td><td>09926015</td></tr></table>		Property Type	Number	Application Number:	09926015						
Property Type	Number										
Application Number:	09926015										
CORRESPONDENCE DATA											
Fax Number: (203)972-7627 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone: (203) 972-0006											
Email: maschoff@bmtpatent.com											
Correspondent Name: Buckley, Maschoff & Talwalkar LLC											
Address Line 1: Five Elm Street											
Address Line 4: New Canaan, CONNECTICUT 06840											
DOMESTIC REPRESENTATIVE											
Name:											
Address Line 1:											
Address Line 2:											
Address Line 3:											

CH \$40.00 09926015

500000458

PATENT
REEL: 014678 FRAME: 0456

Address Line 4:

NAME OF SUBMITTER:

Kurt M. Maschoff

Total Attachments: 6

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UNITED STATES
PATENT AND
TRADEMARK OFFICE

NOVEMBER 26, 2002

PTAS

BUCKLEY, MASCHOFF, TALWALKAR & ET AL.
KURT M. MASCHOFF
FIVE ELM ST.
NEW CANAAN, CT 06840

Under Secretary of Commerce For Intellectual Property and
Director of the United States Patent and Trademark Office
Washington, DC 20231
www.uspto.gov



102216948A

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 09/05/2002

REEL/FRAME: 013264/0574
NUMBER OF PAGES: 5

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

INDIGO PHOTONICS LIMITED

DOC DATE: 08/02/2002

ASSIGNEE:

ASTON PHOTOTONIC TECHNOLOGIES
LIMITED
FARADAY WHARF
ASTON SCIENCE PARK, HOLT STREET
BIRMINGHAM B7 4BB, ENGLAND

SERIAL NUMBER: 09926015

FILING DATE: 01/24/2002

PATENT NUMBER:

ISSUE DATE:

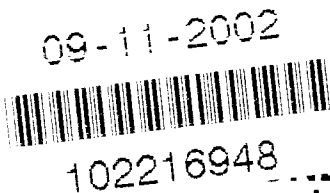
SAUNDRA BALLENGER, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

Buckley, Maschoff, Talwalkar & Allison LLC

Date Received: 12/2/02
Matter No.: 105002US
Items Docketed: Raelly same +
Recordation date

Initials: *JA*

PATENT
REEL: 014678 FRAME: 0458



Tab settings ⇌ ⇌ ⇌ ↓

To the honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):
Indigo Photonics Limited

9.5.02

2. Name and address of receiving party(ies)

Name: **Aston Phototonic Technologies Limited**

Internal Address: _____

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment

☐ Merger

☐ Security Agreement

☐ Change of Name

☐ Other _____

Execution Date: _____

Street Address: Faraday Wharf

Aston Science Park, Holt Street

City: Birmingham Country: London Zip: B7 4BB

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: _____

A. Patent Application No.(s) **09/926,015**

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Kurt M. Maschoff

Internal Address: Buckley, Maschoff, Talwalkar &

Allison LLC

Street Address: Five Elm Street

City: New Canaan State: CT Zip: 06840

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41). \$40.00

☒ Enclosed – Credit Card Authorization Form

☐ Authorized to be charged to deposit account

8. Deposit account number: _____

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

9. 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.

Kurt M. Maschoff

Name of Person Signing

K. M. Maschoff

Signature

8/30/02

Date

Total number of pages including cover sheet, attachments, and documents: 5

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231

09/10/2002 LMUELLER 00000017 09926015

01 FC:581

40.00 OP

Assignment

Date: 2nd day of August 2002

Parties:

- (1) 'The Assignor': Indigo Photonics Limited of Faraday Wharf, Aston Science Park, Holt Street, Birmingham, B7 4BB.
- (2) 'The Assignee': Aston Photonic Technologies Limited of Faraday Wharf, Aston Science Park, Holt Street, Birmingham, B7 4BB.

Recitals:

- (A) The Assignor is the proprietor of various patent applications ('the Applications') filed at the European Patent Office, the United States Patent and Trade Mark Office, and the Canadian Intellectual Property Office in respect of the inventions disclosed in the Applications ('the Inventions') further particulars of which are set out in the Schedule hereto.
- (B) The Assignor has agreed to assign to the Assignee the Applications and the Inventions and all its rights, title and interest therein upon the terms and conditions set out below.

Operative provisions:

- 1 In pursuance of the said agreement the Assignor HEREBY ASSIGNS unto the Assignee with full title guarantee:
 - 1.1 the Applications and the Inventions and the full and exclusive benefit thereof;

- 1.2 all the rights of the Assignor in and to the Applications and the full and exclusive benefit thereof and all rights privileges and advantages associated therewith;
- 1.3 the right to make a new application or applications in respect of any part or parts of the subject matter of the Applications;
- 1.4 any patents granted in respect of the Inventions pursuant to the Applications or any new application or applications as aforesaid;
- 1.5 the right to apply for and obtain patents or other similar forms of protection in respect of the Inventions in the UK and throughout the world;
- 1.6 the right to claim priority of the Applications under the Paris Convention (as amended); and
- 1.7 the right to bring proceedings for any previous infringement of the rights assigned by this Agreement;

TO HOLD the same unto the Assignee absolutely.

- 2 THE Assignor HEREBY COVENANTS with the Assignee that the Assignor will at the expense of the Assignee execute, sign and do all such instruments, applications, documents, acts and things as may reasonably be required by the Assignee to enable the Assignee (or the nominee of the Assignee) to enjoy the full benefit of the property and rights hereby assigned and (if requested to do so by the Assignee) to apply for any patents or other forms of protection in respect of the Inventions throughout the world and fully and effectively to vest the same in the Assignee or as the Assignee shall direct.

This Agreement to be interpreted under the laws of England.

IN WITNESS of which this Assignment has been executed as a Deed and delivered the date and year first above written.

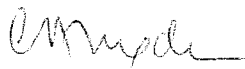
Indigo Refs. PAT.001.CA/EP/US and PAT.002.CA/EP/US

SCHEDULE

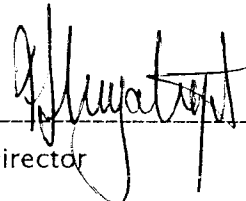
COUNTRY/REGION	APPLICATION NUMBER	FILING DATE	SUBJECT MATTER
Canada	2362982	17 th February 2000	Fibre optic grating sensor
Europe	00903877.9	17 th February 2000	Fibre optic grating sensor
United States	09/926,015	15 th August 2001	Fibre optic grating sensor
Canada	2362874	16 th February 2000	Optical spectrum analyzer
Europe	00902813.5	16 th February 2000	Optical spectrum analyzer
United States	09/926,016	15 th August 2001	Optical spectrum analyzer

Indigo Refs. PAT.001.CA/EP/US and PAT.002.CA/EP/US

SIGNED as a Deed by the said: Indigo Photonics Limited
Acting by:

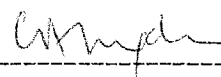


Director

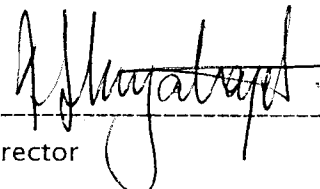


Director

SIGNED as a Deed by the said: Aston Photonic Technologies Limited
Acting by:

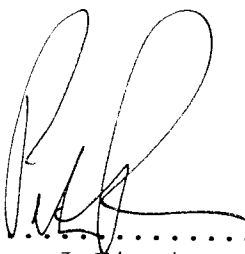


Director



Director

I, Peter John Finnie, hereby certify that
this is a true copy of the original document.


.....
Peter J Finnie
European Patent Attorney