Form PTO-1595 1-31-92	U.S. Department of Commerce7 - 28 - 2003Patent and Trademark Office	
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	Our Pof: 550 406	
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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.		
Christopher C. PHILLIPS	2. Name and address of receiving party(ies): Name: Imperial College of Science, Technology and	
	Medicine Internal Address:	
Additional name/s of conveying party/ies attached?	Street Address: Exhibition Road	
3. Nature of conveyance:	City: London	
Assignment Merger	State/Country: United Kingdom	
Security Assignment Change of Name Other	Zip: <u>SW7 2AZ</u>	
Execution Date: May 19, 2003	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).	B. Patent No(s).	
$\begin{array}{c} (1) \ 10/343,929 \\ (2) \end{array}$		
(2) (3)	(2) (3)	
Additional numbers attached 🗌 Yes 🖾 No		
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications & patents involved:1	
	7. Total fee (37 CFR 3.41) \$40.00	
Name: Stanley C. Spooner	Enclosed	
Internal Address:	Authorized to be charged to deposit account #14-1140	
Street Address: Nixon & Vanderhye P.C.	8. The Commissioner is hereby authorized to charge any	
1100 North Glebe Road	<u>deficiency</u> in the fee(s) filed, or asserted to be filed, or which should have been filed herewith (or with any paper thereafter	
8 th Floor	filed in this application by this firm) to our Account No.	
City: Arlington State: VA Zip: 22201	14-1140.	
DO NOT USE THIS SPACE		
9. Statements and signature. To the best of my knowledge and belief, the foregoing inform		
of the original document.	and is the and correct and any attached copy is a true copy	
Stanley C. Spooner	len	
	June 11, 2003 ature Date	
Reg. No. 27,393		
Total number of pages including orig	inal cover sheet, attachments, and document: [2]	
	PATENT 746644	
	REEL: 014305 FRAME: 0864	

DYC REF P009507US

ASSIGNMENT

FOR VALUE RECEIVED

I/We, Christopher Clement Phillips of 1 Palmers Road, East Sheen, London, SW14 7NB, United Kingdom

hereby sell, assign, transfer and convey unto Imperial College of Science, Technology and Medicine, a corporation of the United Kingdom having a place of business at Exhibition Road, London, SW7 2AZ, United Kingdom (hereinafter called the "Assignee"), its successors, assigns and legal representatives, the entire right, title and interest, for all countries, in and to certain inventions relating to

Optical Wavelength Shifting

and described in an application for Letters Patent of the United States executed by me/us on

and in and to said application, and all divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues and extensions thereof, and all applications for Letters Patents which may be filed, and all Letters Patent which may be granted, upon said inventions in any countries foreign to the United States, and all reissues, renewals and extensions thereof; and hereby authorize and request the Commissioner of Patents of the United States, and all officials of countries foreign to the United States having authority so to do, to issue all Letters Patent upon said inventions to the Assignee, its successors, assigns or legal representatives or to such nominee as it may designate.

AND I/we authorize and enpower the said Assignee, its successors, assigns and legal representatives or nominees, to invoke and claim for any application for patent or other form of protection for said inventions filed by it or them, the benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it, and to invoke and claim such right or priority without further written or oral authorization from me/us.

AND I/we hereby consent that copy of this assignment shall be deemed a full legal and formal equivalent of any assignment, consent to file or like document which may be required in any country for any purpose and more particularly in proof of the right of the said Assignee or nominee to claim the aforesaid benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any conventions which may henceforth be substituted for it.

AND I/we hereby covenant that we have the full right to convey the entire right, title and interest herein assigned and that we have not executed and will not execute any agreement in conflict herewith.

AND I/we hereby covenant and agree that I/we will communicate to said Assignee, its successors, assigns and legal representatives, all facts known to me/us pertaining to said inventions, and testify in all legal proceedings, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths, and in general perform all lawful acts necessary or proper to aid said Assignee, its successors, assigns and legal representatives or nominee in obtaining, maintaining and enforcing lawful patent protection for said inventions, in any and all countries.

IN WITNESS WHEREOF, I/we here unto set my/our hand and seal this $19^{\,\text{th}}$ day of May 2003

19/5/03

aristopher Clement Phillips

Witness:	KINI J Banhar	~
Address:	7. Ringtard Huise	
-	West Hill,	
	London, SW18	IRT
Witness: _		

Address:

PATENT REEL: 014305 FRAME: 0865

RECORDED: 06/11/2003