FORM PTO-1595 (Rev. 6-93)

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U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

	Attorney Docket No.: 049923-500
To the Commissioner for Patents: Please record the attached original documents or copy thereof.ATT	N: BOX ASSIGNMENT
1. Name of conveying party(ies):	2. Name and address of receiving party(ies):
1. Ganesh K. GOPALAKRISHNAN	Name: CODEON CORPORATION
Additional name(s) of conveying party(ies) attached? Yes X No	Internal Address:
3. Nature of conveyance:	Street Address: 9112 Guilford Road
X Assignment Merger Security Agreement Change of Name Other	City: Columbia State: Maryland Zip: 21046
Execution Date: September 27, 2001	Additional name(s) & address(es) attached? Yes X No
 4. Application number(s) or patent number(s): NEW APPLICATION If this document is being filed together with a new application the September 27. A. Patent Application No.(s) B. Patent No.(s) Additional numbers attached: Yes X No 	execution date of the application is: 2001
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 1
Name: John G. Smith Internal Address: Morgan, Lewis & Bockius LLP Customer No. 009629	7. Total fee (37 C.F.R §3.41):\$40.00X Enclosed Authorized to be charged to deposit account 50-0310
Street Address: 1800 M Street, N.W. City: Washington State: D.C. Zip: 20036	8. Deposit account number: 50-0310 Attach duplicate of page if paying by deposit account
9. Statement and Signature	
To the best of my knowledge and belief, the foregoing infor original document.	emation is true and correct and any attached copy is a true copy of the
John G. Smith Name of Person Signing Signal 10/2001 HVUONG1 00000007 09971643	October 9, 2001 Date Date number of pages including cover sheet, attachments and documents: 2
/10/2001 HVUDNG1 00000007 09971643 Potal n	number of pages including cover sheet, attachments and documents:

WA01A/24265.1

PATENT REEL: 012244 FRAME: 0782

ASSIGNMENT

WHEREAS I/We, the below named inventor(s), [hereinafter referred to as Assignor(s)], have made an invention entitled:

OPTICAL MODULATOR WITH PROGRAMMABLE CHIRP

	OR WITH FROGRAMMABLE CHIRF
for which I/WE executed an application for United States Le United States Letters Patent on, (Serial No	etters Patent concurrently herewith; or on; or filed an application of; and
Columbia, Maryland 21046 (hereinafter referred to as Assig	Delaware, whose post office address is 9112 Guilford Road, gnee), is desirous of securing the entire right, title, and interest in and to this the application for United States Letters Patent on this invention and the Letters
valuable consideration the receipt of which from Assignee is and set over, and do hereby sell, assign, transfer, and set over title, and interest in and to this invention and this application. States which may be granted thereon, and all reissues thereof applications for Letters Patent which may hereafter be filed figranted on this invention in any foreign country, and all extends the Commissioner of Patents and Trademarks of the United States.	onsideration of the sum of One Dollar (\$1.00) in hand paid and other good and a hereby acknowledged, I/WE, as assignor(s), have sold, assigned, transferred, or unto the Assignee, its lawful successors and assigns, MY/OUR entire right, and all divisions, and continuations thereof, and all Letters Patent of the United of, and all rights to claim priority on the basis of such applications, and all for this invention in any foreign country and all Letters Patent which may be ensions, renewals, and reissues thereof; and I/WE hereby authorize and request States and any official of any foreign country whose duty it is to issue patents on f this invention to Assignee, its successors and assigns, in accordance with the
AND, I/WE HEREBY covenant that I/WE have the executed and will not execute any agreement in conflict with	e full right to convey the interest assigned by this Assignment, and I/WE have no this Assignment;
successors and assigns, any facts known to ME/US respectin called upon to do so, execute and deliver any and all papers to Assignee, its successors or assigns, execute all divisional, co everything possible to aid Assignee, its successors and assign	that I/WE will, without further consideration, communicate with Assignee, its ng this invention, and testify in any legal proceeding, sign all lawful papers when that may be necessary or desirable to perfect the title to this invention in said ontinuation, and reissue applications, make all rightful oaths and generally do ns, to obtain and enforce proper patent protection for this invention in the United expense incident to the execution of such papers shall be borne by the Assignee,
IN TESTIMONY WHEREOF, I/WE have hereunto	set our hand(s).
County of HOWARD State of MARYLAND SS.	Ganesh K. Gopalakrishnan Full Name of Sole or First Assignor 6609 Millwood Rd, Bethesda, MD 20817 Address
Subscribed and sworn to before me this 17 day of SEPT. , 2001.	First Assignor's Signature
LINDA T. GIROIR	Date
Names of additional in	nventors attached [] Yes [X] No

Morgan, Lewis & Bockius LLP

I-WA/1680537.1

PATENT REEL: 012244 FRAME: 0783