10-31-2001 Form PTO-1595 U.S. DEPARTMENT OF COMMERCE ETTER 1-3-92 Patent and Trademark Office 101890886 Attorney Docket No.: 82874.0007 To the Assistant Commissioner for Patents: Please record the attached original documents or copy thereof. Name of conveying party(ies): 2. Name and address of receiving party(ies): Tallis Y. Chang Leo Lam Chromux Technologies, Inc. 2) 9255 Deering Avenue Graham Martin Chatsworth, California 91311 Additional name(s) of conveying party(ies) attached?

Yes

No 3. Nature of conveyance: Assignment ☐ Change of Name Security Agreement Other _ Additional name(s) & address(es) attached?

Yes

No Execution Date: October 9, 2001 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: B. Patent No.(s) A. Patent Application No.(s) Serial No: 09/907,496 Filed: July 16, 2001 Additional numbers attached? Yes Total number of applications and patents involved: [1] Name and address of party to whom correspondence concerning document should be mailed: William H. Wright, Esq. Total fee (37 CFR 3.41) \$40.00 HOGAN & HARTSON L.L.P. 500 South Grand Avenue, Suite 1900 Los Angeles, CA 90071 Authorized to be charged to deposit account 30/2001 AAHMED1 00000117 09907496 Deposit account number: 50-1314 40.00 DP FC:581 (Attach duplicate copy of this page if paying by deposit account) DO NOT USE THIS SPACE Statement and signature of, the foregoing is true and correct and any attached copy is a true copy of the original document. October 16, 2001 Date:

Washington, D.C. 20231

Assistant Commissioner for Patents
Box Assignments

OMB No. 0651-0011 (exp. 4/94)

Mail documents to be recorded with required cover sheet information to:

ASSIGNMENT

(1-8)	Insert Name(s) of Inventor(s) (1)	Tallis Y. Chang	(5)	
		(2)	Leo Lam	(6)	
		(3)	Graham Martin	(7)	
		(4)		(8)	
			considerations paid to	sum of one dollar (\$1.00) and one cach of the undersigned, the uses assign, transfer and set over to	undersigned agree(s) to
(9)	Insert name of Assignee	(9)	Chromux Technologies		
(10)	Insert state of Incorporation Assignee	of (10)	California		
(11)	Insert address of Assignee	(11)		ie, Chatsworth, California 91311 I as the Assignee) the entire world I known as	dwide right, title and
(12)	Insert identification of Invensuch as Title, Case Number Foreign Application Number	ror	ARRAYED OPTICAL Oundersigned has (have	BLE OPTICAL ATTENUATOR FO CHANNELS, Serial No. 09/907,49) executed an application for pate ent applications in foreign countries on.	6, for which the ent in the United States
(13)	Insert Date of Signing of Application	(13)	(30 L - 1		_
in con	uing United States and forei nection with such application 2) The undersigned ag	gn applications as the Ass	ns for the above-identifignee may deem neces	ry in connection with any original, led invention and also to execute sary or expedient. Beary in connection with any interfect and to cooperate with the A	separate assignments ference which may be
	le in obtaining evidence and	going forwa	rd with such interference	Э.	
conne	3) The undersigned agrection with claims or provision	ee(s) to execus of the Inter	cute all papers and doci rnational Convention for	uments and perform any act which Protection of Industrial Property of	h may be necessary in or similar agreements.
United	4) The undersigned ag States patent to the Assigned		form all affirmative acts	s which may be necessary to ob	tain a grant of a valid
said A	s of the United States result ssignee, as Assignee of the	ing from said entire intere	application or any divis st, and hereby covenan	Commissioner of Patents to iss ion or divisions or continuing app ts that he has (they have) full right agreement in conflict herewith.	lications thereof to the
	6) The undersigned her	eby appoints	☐ Customer Number	000026021	26021
comply				ation which may be necessary of for recordation of this document.	
Date:	10/9/01 Sig	nature of Inv	ventor July	L.M.	
Date:	10 9 0 sig	nature of Inv	rentorReF	Kum	
Date:	10/9/01 Sig	nature of Inv	ventor	J Mest	
Date:	Siç	nature of Inv	entor		

PATENT REEL: 012288 FRAME: 0175

RECORDED: 10/19/2001