Form PTO-1595 (Rev. 10/02) OMB No. 0651-0027 (exp. 6/30/2005)	1027937	40 —		U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office	
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To the Honorable Commissioner of P	atents and Trademarks: P	lease record the attached	original documents or co	py thereof.	
1. Name of conveying party(ies): Charles Xiazhong Wang Albert Yuen Robert Mosebar		Name: Encore	s of receiving party(i Corporation	22 24	
Additional name(s) of conveying partyles) alta	iched? Yes X No				
3. Nature of conveyance:				· · · ·	
Assignment Security Agreement]Merger]Change of Name	Street Address:	145 Belmont 1)rive	
Other		ou Somercet	State:Zi	08873	
Execution Date: 6/29/04 ; 6/3	0/04		address(es) attached?		
4. Application number(s) or patent nu	imber(s): 20	208957		6/29/04	
If this document is being filed toge	ther with a new applic	ation, the execution	date of the applicatio	n is: 6/30/04	
A. Patent Application No.(s)		B. Patent No.(s)			
			والافاد من بيام كالمستجم ومن المواجب		
		ched? Yes No	·		
Name and address of party to who concerning document should be may		6. Total number of a	pplications and paten	ts involved: X	
Name: Renee Smith		7. Total fee (37 CFR	3.41)\$	40.00	
		Enclosed			
Internal Address:			be abarred to door	rit account	
· · · · · · · · · · · · · · · · · · ·			be charged to depos	Si account	
Street Address: 145 Belmont	Drive	8. Deposit account r	umber:		
Ouber Muliess		503029			
City: Somerset State: NI	08873	· · · · · · · · · · · · · · · · · · ·			
9. Signature.	DO NOT USE	INIO OPACE			
Daniel McGlynn	Dan	e hely-	7 Ju	ly 2004	
Name of Person Signing		Signature	(** # **1	Date	
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	Commissioner of Patents & Tr Washington,	ademarks, Box Assignments			
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r.

PATENT REEL: 015564 FRAME: 0910 Record and Return to: Emcore Corporation 145 Belmont Drive Somerset, NJ 08873

ASSIGNMENT

WHEREAS, **Charles Xiazhong Wang**, residing at 757 Lowell Ct., Sunnyvale, CA 94087, citizen of the United States, (hereinafter "ASSIGNOR") are the inventors of the invention entitled **ELECTRO-OPTICAL CONVERTER** for which we have executed an application for a Patent of the United States on even date herewith.

And WHEREAS, Emcore Corporation (hereinafter "ASSIGNEE"), a New Jersey Corporation having a business address at 145 Belmont Drive, Somerset, New Jersey 08873, is desirous of obtaining our entire right, title and interest in, to and under the said invention and the said application:

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to me in the hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, I/WE, the said ASSIGNOR(s), have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, my entire right, title and interest in, to and under the said invention, and the said United States application and all divisions, renewals and continuations thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof:

AND I/WE HEREBY authorize and request the Commissioner of Patents and Trademarks of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, it successors, legal representatives and assigns, in accordance with the terms of this instrument.

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

AND I/WE HEREBY further covenant and agree that I will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue and foreign applications, make all rightful oaths, and generally do everything possible to aid the said ASSIGNEE, it successors, legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries. In the event that I am not an employee of ASSIGNEE at the time such aid is required, I agree to render such aid in return for an hourly rate of pay no greater than twice my equivalent regular hourly pay as it stood on the date of my departure from ASSIGNEE.

IN TESTIMONY WHEREOF, I hereunto set my hand and seal the day and year opposite my signature.

i / 30/04 time hor Wand (Date) (Signature)

Record and Return to: Emcore Corporation 145 Belmont Drive Somerset, NJ 08873

ASSIGNMENT

WHEREAS, Albert Yuen, residing at 709 Greer Road, Palo Alto, CA 94303, citizen of the United States, (hereinafter "ASSIGNOR") are the inventors of the invention entitled **ELECTRO-OPTICAL CONVERTER** for which we have executed an application for a Patent of the United States on even date herewith.

And WHEREAS, Emcore Corporation (hereinafter "ASSIGNEE"), a New Jersey Corporation having a business address at 145 Belmont Drive, Somerset, New Jersey 08873, is desirous of obtaining our entire right, title and interest in, to and under the said invention and the said application:

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to me in the hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, I/WE, the said ASSIGNOR(s), have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, my entire right, title and interest in, to and under the said invention, and the said United States application and all divisions, renewals and continuations thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof;

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IN TESTIMONY WHEREOF, I hereunto set my hand and seal the day and year opposite my signature.

6/30/04 (Date)

Record and Return to: Emcore Corporation 145 Belmont Drive Somerset, NJ 08873

ASSIGNMENT

WHEREAS, **Robert Mosebar**, residing at 165 Burning Tree Drive, San Jose, CA 95119, citizen of the United States, (hereinafter "ASSIGNOR") are the inventors of the invention entitled **ELECTRO-OPTICAL CONVERTER** for which we have executed an application for a Patent of the United States on even date herewith.

And WHEREAS, Emcore Corporation (hereinafter "ASSIGNEE"), a New Jersey Corporation having a business address at 145 Belmont Drive, Somerset, New Jersey 08873, is desirous of obtaining our entire right, title and interest in, to and under the said invention and the said application:

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to me in the hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, I/WE, the said ASSIGNOR(s), have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, my entire right, title and interest in, to and under the said invention, and the said United States application and all divisions, renewals and continuations thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof;

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> PATENT REEL: 015564 FRAME: 0915

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 $\frac{6-30-04}{(Date)}$ (Signature)