### PATENT ASSIGNMENT

## Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
John Dallesasse	01/27/2005
Bryan Noble	01/27/2005
Joseph Scheibenreif	01/27/2005
Thomas Whitehead	01/27/2005
Paul Wachtel	01/27/2005
Bogdan Andrei	01/31/2005
Dean Richardson	01/31/2005
Brett Lane	03/17/2009
Anthony Moretti	01/26/2005
David S. McCallum	02/15/2005

#### **RECEIVING PARTY DATA**

Name:	EMCORE Corporation
Street Address:	10420 Research Road, S.E.
City:	Albuquerque
State/Country:	NEW MEXICO
Postal Code:	87123

#### PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12049033

### **CORRESPONDENCE DATA**

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ATTORNEY DOCKET NUMBER:	4120A	
NAME OF SUBMITTER:	David D. Kalish	
Total Attachments: 5 source=Assignment12049033#page1.tif source=Assignment12049033#page2.tif source=Assignment12049033#page3.tif source=Assignment12049033#page4.tif source=Assignment12049033#page5.tif		

# **Assignment**

Applicant or Patentee:	John Dalles	asse, Joseph Scheibenreif, Bryan Noble,
	Thomas Wh	itehead,Paul Wachtel, Bogdan Andrei, Dean Richardson,
	Brett Lane,	Anthony Moretti, David McCallum
Serial or Patent No.:	10/879,775	
Filed or Issued:	06/28/2004	
For:	MODULAR	OPTICAL TRANSCEIVER
Attorney Docket No.	4120	
		and other good and valuable considerations, the receipt of which is hereby acknowledged, and improvements of the undersigned in a
MODULAR OPTICAL	TRANSCEIVE	3
and in the U.S. Patent and divisional U.S. Patent that	d U.S. Patent App may be granted u	lication therefor, executed by the undersigned herewith and in any reissue, continuation, upon said U.S. Patent Application are hereby assigned by the undersigned to
Emcore Corp.		
and the heirs, successors,	legal representati	ve and assigns thereof (hereinafter collectively referred to as the Assignee).
For said consid-	erations it is	hereby agreed that I have sold and assigned, and hereby do sell and assign, to said Assign
modifications thereof, (b) is foreign thereto for the abomay Issue from said applica extensions of said applica Commissioner of Patents and Assignee of the entire interior in further agree that I shall information known or avainterference, reexamination proceedings, whenever reproceedings in the United States and countries United States and countries.	n the above-identive-identified inventations in the Unitions and Letters in the Unitions and Letters in the Unitions and Trademarks to be used.  If communicate to illable to me respect in the the rest of the Unition in the United Including an interest in the Including and Including	title and interest (a) in the above-identified invention or inventions and all improvements a fied application and all other applications for Letters Patent of the United States and countrition or inventions and all improvements and modifications thereof, in all Letters Patent whiled States and countries foreign thereto, and (d) to all divisions, reissues, continuations at Patents; and covenant I have the full right so to do; and I hereby authorize and request to issue all United States Letters Patent on the invention or inventions included herein to a said Assignee, its successor and assigns, or their representative or agents all facts a setting said invention or inventions, improvements and modifications including evidence tion, revocation, extension or infringement purposes or other legal, judicial or administrat person or by affidavit as required by said Assignee, its successors and assigns, in any sufforeign thereto; execute and deliver, on request, all lawful papers including, but not limited y continuations-in-part) and reissue applications, renewals, assignments, powers of attorning provide all reasonable assistance to Assignee, its successors and assigns, in obtaining an or inventions, improvements and modifications under the intellectual property laws of the patents and the line set after my signature.
Name of First Joint assign	or/inventor	John Dailesasse
Signature of assignor and	inventor Date	JAN 27, 2005 (Seal)
Name of Conned Joint	lanov/Inventor	Bryan Noble
Name of Second Joint ass	RHOLYHIAAUTOL	UI TONIO

Signature of assignor and inventor	May Doble	_ (Seal)
Name of Third Joint assignor/inventor  Signature of assignor and inventor  Date	Joseph Schelbenreif  J. S. Shilli	_ _ (Seal) _
Name of Fourth Joint assignor/inventor  Signature of assignor and inventor  Date	Thomas Whitehead  1/27/05	_ (Seal) -
Name of Fifth Joint assignor/Inventor  Signature of assignor and Inventor  Date	1/27/05	_ (Seal) _
Name of Sixth Joint assignor/inventor  Signature of assignor and inventor  Date	Bogdan Andrei  1/31/2005	_ (Seal) _
Name of Seventh Joint assignor/inventor  Signature of assignor and inventor  Date	Dean Richardson  1/31/03	_ (Seal)
Name of Eighth Joint assignor/inventor	Brett Lane	

Name of Ninth Joint assignor/inventor	Anthony Moretti	
Signature of assignor and inventor  Date	January 26, 2005	(Seal)
Name of Tenth Joint assignor/inventor	David S. McCallum	
Signature of assignor and inventor	David S M Galle 02/15/05	(Seal)

Date

**PATENT** 

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# **Assignment**

Applicant or Patentee:		sse, Joseph Scheibenreif, Bryan Noble, ehead,Paul Wachtel, Bogdan Andrei, De	
	-	enead,Paul Wachtel, Bogdan Andrei, De nthony Moretti, David McCallum	ean Richardson,
Serial or Patent No.:	10/879,775		
Filed or Issued:	06/28/2004		
For:		PTICAL TRANSCEIVER	
Attorney Docket No.	4120		· · · · · · · · · · · · · · · · · · ·
		nd other good and valuable considerations, the re ion and improvements of the undersigned in a	ceipt of which is hereby acknowledged
MODULAR OPTICAL	TRANSCEIVER		
		tion therefor, executed by the undersigned herew on said U.S. Patent Application are hereby assig	
EMCORE Corporation		re and assigns thereof (hereinafter collectively re	ofound to as the Assigned
and the heirs, successors,	iegai representativ	e and assigns thereof (heremaiter conectively in	elerred to as the Assignee).
Assignee, its successors a improvements and modific States and countries foreig all Letters Patent which ma reissues, continuations and	and assigns, the el ations thereof, (b) in thereto for the ab ly issue from said a d extensions of said Commissioner of	s hereby agreed that I have sold and assigned, a ntire right, title and interest (a) in the above-ide n the above-identified application and all other app ove-identified invention or inventions and all imp applications in the United States and countries f d applications and Letters Patents; and covenant Patents and Trademarks to issue all United Sta of the entire interest.	ntified invention or inventions and all plications for Letters Patent of the United provements and modifications thereof, in foreign thereto, and (d) to all divisions, I have the full right so to do; and I hereby
information known or availa interference, reexamination proceedings, whenever req proceeding in the United St to, original, divisional, cont attorney, oaths, affidavits, o	able to me respection, reissue, opposition uested; testify in perates or a country for including leclarations, deposoper protection for	id Assignee, its successor and assigns, or their ng said invention or inventions, improvements aron, revocation, extension or infringement purposes erson or by affidavit as required by said Assignee, or eign thereto; execute and deliver, on request, all any continuations-in-part) and reissue applications; and provide all reasonable assistance to Arraid invention or inventions, improvements and its foreign thereto.	nd modifications including evidence for s or other legal, judicial or administrative its successors and assigns, in any such I lawful papers including, but not limited ons, renewals, assignments, powers of Assignee, its successors and assigns, in
In testimony whereof, I have	e hereunto set my l	hand and seal, on the line set after my signature.	
Name of First Joint assigno	or/inventor	John Dallesasse	
Signature of assignor and i	nventor		(Seal)
	Date		
	Date		•
Name of Second Joint assig	gnor/inventor	Bryan Noble	
Signature of assignor and in	nventor		(Seal)
	Date		

Name of Third Joint assignor/inventor	Joseph Scheibenreif		
Signature of assignor and inventor  Date		(Seal) 	
Name of Fourth Joint assignor/inventor	Thomas Whitehead		
Signature of assignor and inventor  Date		(Seal)	
Name of Fifth Joint assignor/inventor	Paul Wachtel	<del></del>	· Co
Signature of assignor and inventor  Date		(Seal) 	
Name of Sixth Joint assignor/inventor	Bogdan Andrei		
Signature of assignor and inventor  Date		(Seal)	
Name of Seventh Joint assignor/inventor	Dean Richardson		
Signature of assignor and inventor  Date		(Seal) 	
Name of Eighth Joint assignor/inventor	Brett Lane		
Signature of assignor and inventor  Date	Brett Line 3/17/09	(Seal)	

**RECORDED: 07/22/2009**