## PATENT ASSIGNMENT

## Electronic Version v1.1

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SUBMISSION TYPE:		NEW ASSIGNMENT			
NATURE OF CONVE	YANCE:	ASSIGNMENT			
CONVEYING PARTY	DATA				
Name			Execution Date		
David A. Krozier	A. Krozier 09/16/2003		09/16/2003		
Leo A. Plouffe		09/18/2003			
RECEIVING PARTY DATA					
Name:	Texas Instruments Incorporated				
Street Address:	34 Forest Street				
City:	Attleboro				
State/Country:	MASSACHUSETTS				
Postal Code:	02703				
	RS Total: 1				
Property Type					
Property Ty		Number			
Property Ty Patent Number:		Number 3602			
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Patent Number: CORRESPONDENCE Fax Number: <i>Correspondence will L</i> Phone: Email: Correspondent Name: Address Line 1:	748   (303)770-01   be sent via US Main   720-562-550   ptomail@mfl   Kent A. Fisc   8055 East T   Denver, COI	3602 52 <i>I when the fax attempt is unsuccessful.</i> 00 olaw.com hmann, Esq. ufts Avenue, Suite 450			
Patent Number: CORRESPONDENCE Fax Number: <i>Correspondence will L</i> Phone: Email: Correspondent Name: Address Line 1: Address Line 4:	DATA (303)770-01 be sent via US Main 720-562-550 ptomail@mfl : Kent A. Fisc 8055 East T Denver, COI	3602 52 <i>when the fax attempt is unsuccessful.</i> 00 olaw.com hmann, Esq. ufts Avenue, Suite 450 _ORADO 80237			

## ASSIGNMENT

WHEREAS, we, David A. Krozier of 123 Westfield Drive, North Attleboro, Massachusetts 02760, and Leo A. Plouffe of 113 Rock Avenue, Pascoag, Rhode Island 02859, together with Herzel Laor of Boulder, Colorado, have invented a certain new and useful invention entitled "PLANAR ARRAY OPTICAL SWITCH AND METHOD", for which an application for Letters Patent of the United States has been prepared and filed on June 4, 1999 ("Filing Date"), receiving Serial No. 09/326,122 (now Patent No. 6,466,711, issued October 15, 2002), and further identified as Attorney File No. 50080-00590;

WHEREAS, Texas Instruments Incorporated, a Delaware Corporation having a place of business at 34 Forest Street, Attleboro, Massachusetts 02703 ("Texas Instruments") has assigned rights in the above-identified application to AFN, LLC, a Wyoming Limited Liability Company with offices at 1035 Pearl Street, 5<sup>th</sup> Floor, Boulder, Colorado 80302 by agreement dated December 11, 2000;

NOW THEREFORE, be it known that we, the said inventors, for and in consideration of certain good and valuable consideration, the sufficiency and receipt of which is hereby acknowledged, at the request of the assignee do confirm our assignment of the above-identified application to Texas Instruments effective as of the Filing Date, and do otherwise sell, assign and transfer, effective as of the Filing Date, unto said assignee, Texas Instruments, its successors, legal representatives and assigns, the aforesaid application for the territory of the United States of America and all continuation, divisional, continuation-in-part and reissue applications, all patent applications in foreign countries, all applications pursuant to the Patent Cooperation Treaty, and all applications for extension filed or to be filed for the invention, and all Letters Patent, Invention Registrations, Utility Models, Extensions or Reissues and other patent rights, obtained for the invention in the United States or any other country; we also assign any right, title or interest in and to the invention which has not already been transferred to the assignee; we warrant that we have made no assignment of the invention, application or patent therefor to a party other than Texas Instruments and we are under no obligation to make any assignment of the invention, application, or patent therefor to any other party;

IN WITNESS WHEREOF, the parties hereto have executed this Assignment as of the date indicated hereunder.

Date: <u>9/16/03</u>

Date: 9/18/03

David A. Krózier

Leo A. Plouffe

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PATENT REEL: 024640 FRAME: 0726 STATE OF Horsechuse (HS) COUNTY OF BRISTER ) SS.

Before me, a Notary Public in and for said County and State, personally appeared **David A. Krozier**, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and considerations therein expressed.

Given under my hand and seal of office this 16 day of September 1, 2003.	
Notary Public	1

My Commission Expires: 260-1 15 200-1

STATE OF MASXichusettes COUNTY OF BRISTO ) ss.

Before me, a Notary Public in and for said County and State, personally appeared **Leo A. Plouffe**, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and considerations therein expressed.

My Commission Expires: Warth 15, 2007

**RECORDED: 07/07/2010**