Sheet 1 of 3	Attorney Docket No. A40887			
FORM <b>PTO-1595</b> (Rev. 6-93) OMB No. 0651-0011 (exp. 4/94)	R SHEET U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office			
Tab settings ⇒ ⇒ ⇒ ▼ 10104372	5 <b>▼ ▼ ▼</b>			
To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.				
1. Name of conveying party(ies): Herzel Laor 2050 Hillsdale Circle Boulder, Colorado 80303 Additional name(s) of conveying party(ies) attached? X Ye ONO	2. Name and address of receiving party(ies)          Name:       Texas       Instruments       Incorporated         Internal Address:			
3. Nature of conveyance:	02/ 02/ 02/			
Assignment Merger	Street Address: 7839 Churchill Way			
Security Agreement     Change of Name				
Other	City: Dallas State: <u>TX</u> ZIP: 75251			
Execution Date: 05/10/99, 05/11/99	Additional name(s) & address(es) attached? 🗅 Yes 🕅 No			
4. 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: $05/10/99$ ,				
	05/11/99			
A. Patent Application No.(s)	B. Patent No.(s)			
Additional numbers attached? 🗅 Yes 🎽 No				
<ol> <li>Name and address of party to whom correspondence concerning document should be mailed:</li> </ol>	6. Total number of applications and patents involved:			
NATIO	7. Total fee (37 CFR 3.41)\$ 40.00			
internal Address:				
	Authorized to be charged to deposit account			
Texas Instruments Incorporated				
Street Address: 34 Forest Street	8. Deposit account number:			
MS 20-21	20-0670			
City: <u>Attleboro</u> State: <u>MA</u> ZIP: <u>02703</u>	(Attach duplicate copy of this page if paying by deposit account)			
05/21/1999 DNGUYEN 00000106 200670 09310285 Sale Ref: 00000106 DAW: 200670 09310285 D1 FC+581 40.00 CH				
<ul> <li>9. Statement and signature.</li> <li>To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.</li> </ul>				
Russell E. Baumann       Signature       5/12/99         Name of Person Signing       Total number of pages including cover sheet, attachments, and document:       3				
Mail documents to be recorded with required cover sheet information to: Commissioner of Patents & Trademarks, Box Assignments PATENT				

Washington, D.C. 20231

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Attorney Docket No. A40887 Sheet 2 of 3

U.S. Department of Commerce Patent and Trademark Office

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Additional name(s) & address(es) - continued:

- 2. David S. Krozier 123 Westfield Drive North Attleboro, MA 02760
- 3. Leo A. Plouffe 1290 Smith Street Dighton, MA 02764

ATTORNEY DOCKET NO.

## A 40 887

## ASSIGNMENT

WHEREAS, I, the undersigned inventor (or one of the undersigned joint inventors), of residence as listed, having invented certain new and useful improvements as below entitled, for which application for United States Letters Patent is made, the said application having been executed on the date set forth below; and

WHEREAS, TEXAS INSTRUMENTS INCORPORATED, a corporation organized and existing under the laws of the State of Delaware, with a clace of business at 7839 Churchill Way, MS 3999, Dallas, Texas 75251, is desirous of acquiring my entire right, title and interest in and to the said invention, and to the said application and any Letters Patent that may issue thereon;

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, I hereby sell and assign to the said TEXAS INSTRUMENTS INCORPORATED, its successors and assigns, my entire right, title and interest in and to the said invention and in and to the said application and all patents which may be granted therefor, and all divisions, reissues, substitutions, continuations, reexaminations and extensions thereof; and I hereby authorize and request the Commissioner of Patents and Trademarks to issue all patents for said invention, or patent resulting therefrom, insofar as my interest is concerned, to the said TEXAS INSTRUMENTS INCORPORATED, as assignee of my entire right, title and interest.

I also hereby sell and assign to TEXAS INSTRUMENTS INCORPORATED, its successors and assigns, my foreign rights to the invention disclosed in said application, in all countries of the world, including the right to file applications and obtain patents under the terms of the International Convention for the Protection of Industrial Property, the European Patent Convention, and the Patent Cooperation Treaty and further agree to execute any and all patent applications, assignments, affidavits, and any other papers in connection therewith necessary to perfect such patent rights.

I hereby further agree that ! will communicate to said TEXAS INSTRUMENTS INCORPORATED, or to its successors, assigns, and legal representatives, any facts known to me respecting said invention, and at the expense of said assignee company, testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, reissue, reexaminations and substitute applications, make all lawful oaths, and generally do everything possible to aid said TEXAS INSTRUMENTS INCORPORATED, its successors, assigns and nominees to obtain and enforce proper patent protection for said invention in all countries.

IN WITNESS WHEREOF, I hereunto set hand and seal this day and year;

TITLE OF INVENTION	OPTICAL SWITCHING APPARATUS		
SIGNATURE OF INVENTOR AND NAME	(1) און רהכ Herzel Laor	David A. Krozie	(3) Jer A. Plouffe
DATE	Mry 10, 1999	5-11-99	May 11, 1999
RESIDENCE (City, County, State)	Boulder, Boulder, Colorado	North Attleboro, Bristol, Massachusetts	Dighton, Bristol, Massachusetts
DATE Application Executed	May 10, 1999	5-11-99	May 11, 1998

After recording return Assignment to:

Texas Instruments Incorporated 34 Forest Street, M/S 20-21 Attleboro, Massachusetts 02703

## PATENT REEL: 009960 FRAME: 0027

## **RECORDED: 05/12/1999**