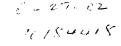
07-22-2002





FORM PTO-1595

U.S. Department of Commerce

TI-342	85		102162823	Patent and Trademark Office
To the	Honorable Comm	issioner of Patents and Traden	narks. Please record the attach	ed original documents or copy thereof.
1. Nat 1) 2) 3. Natx	me of conveying particles of Conveyance  Assignment Security Agreen	rty(ies):  s Jr. (06/20/2002)  Jr. (06/20/2002)	2. Name and Name: TE Address: P. City: Da State: TX Additional nar	Address of receiving party(ies):  EXAS INSTRUMENTS INCORPORATED  O. Box 655474, MS 3999
X The Exect Title: Dock A. Pate Addition 5. Nar docum Nam Texa Add	nis document is bei ution date of the ap Buried Zener Diou set No: TI-34285 ent Application No onal numbers attac	ned?YesXNo  party to whom correspondence ed:  arner  rporated	nufacture B. Patent No.(s Additional nur	nbers attached?YesXNo pplications and patents involved:(1)
1	: Danas e: TX Zip: 75265			ee enclosed or authorized to be charged: \$40
9/200 <del>2 DBYRHE</del>	<del>00000043_200</del>			ount No: 20-0668 of Texas Instruments Incorporated
9. Stat To t docum June 27 Date	ent.	re.	nation is true and correct and any	attached copy is a true copy of the original  Dwight N. Holmbo, Reg. No. 36,410

**PATENT** 

REEL: 013091 FRAME: 0865

ATTORNEY DOCKET NO.

ASSIGNMENT

Page 1 of 1

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 place 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 to the said application and all patents which may be granted therefore, and all divisions, reissues, substitutions, continuations, 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, and of the European Patent Convention, 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 I 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 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;

RECORDED: 06/27/2002

TITLE OF INVENTION	BURIED ZENER DIODE STRUCTURE AND METHOD OF MANUFACTURE		
SIGNATURE OF INVENTOR AND NAME	Gyegory G Romas Jr.	Darrel C. Oglesby Jr.	
DATE	6/20/2002	6/20/2002	
RESIDENCE (City, County, State)	1500 Eldorado Pkwy #502b Collin County McKinney, TX 75069	680 Ridgeview Dr. Grayson County Sherman, TX 75090	
DATE APPLICATION EXECUTED	6/20/2002	6/20/2002	

PATENT REEL: 013091 FRAME: 0866