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MB No. 0651-0027 (exp. 01/31/2009) RECORDATION FORM COVER SHEET PATENTS ONLY			
To the Director of the U.S. Patent and Trademark Office: Please	record the attached documents or the new address(es) below.		
1. Name of conveying party(ies)	2. Name and address of receiving party(ies)		
	Name: Texas Instruments Incorporated		
Ali Imran Amin Hamdan Hamid	Internal Address: MS 3999		
Additional name(s) of conveying party(les) attached? Tyes X No			
3. Nature of conveyance/Execution Date(s):	Street Address: 12500 TI Boulevard		
Execution Date(s) 02/17/2013: 02/17/2013			
Assignment Merger	City: Dallas		
Security Agreement Change of Name	Ony, <u>Janua</u>		
Joint Research Agreement	State: Texas		
Government Interest Assignment	Country: US Zîp: 75243		
Executive Order 9424, Confirmatory License	Ves VMs		
Other	Additional name(s) & address(es) attached? Yes X No		
	document is being filed together with a new application. B. Patent No.(s)		
A. Patent Application No.(s)	B. Foldin Hol(o)		
13/794,387			
Additional numbers at	tached? Yes XNo		
5. Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 1		
Name: Texas instruments incorporated	7. Total fee (37 CFR 1.21(h) & 3.41) \$_40.00		
Internal Address: MS 3999	`		
	Authorized to be charged to deposit account		
Street Address: P.O. Box 655474	Enclosed		
	None required (government interest not affecting title)		
City: Dallas	8. Payment Information		
State: Texas Zip: 75265	_		
Phone Number: (214) 479-1247	Deposit Account Number 200668		
Fax Number: (214) 479-1280	_1		
Email Address:	Authorized User Name Wade J. Brady		
9. Signature: /William P. O'Meara.	March 12, 2013		
Signature	Date		
William P. O'Meara, Esq.	Total number of pages including cover sheet, attachments, and documents:		
Name of Person Signing	and the second to (574) 273 0440 or mailed to:		

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or malied to: Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

PATENT REEL: 030005 FRAME: 0283 Application No. 13/794,387

Attorney Docket No. TI-72217

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.

WHEREAS, TEXAS INSTRUMENTS INCORPORATED, a corporation organized and existing under the laws of the State of Delaware, with a place of business at 12500 Ti Boulevard, MS 3999, Dallas, Texas 75243, 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 unto 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(s) and all patents which may be granted therefor, and all divisions, reissues, substitutions, continuations, and extensions thereof; and I hereby authorize and request the Patent and Trademark Office to issue all patents for said invention, or patents resulting therefrom, 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 corresponding rights to the invention disclosed in said application in all other countries of the world, including the right to claim priority, file applications and obtain patents under the terms of the Paris Convention for the Protection of Industrial Property, and further agree to execute any and all patent applications, assignments, affidavits, and any other papers in connection therewith necessary to perfect such 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 ell 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.

I authorize the later insertion of the nonprovisional application number and filing date hereinbelow.

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

TITLE	DIE EJECT ASSEMBLY FOR DIE BONDER		
NONPROVISIONAL APPLICATION NO.	13/794,387	FILING DATE	March 11, 2013
SIGNATURE OF INVENTOR	X Celling		
PRINTED NAME OF INVENTOR	Ali Imran Amin		
DATE	X 17 PEB	2013	
RESIDENCE (CITY AND STATE)	Selangor, Malaysia		

PATENT REEL: 030005 FRAME: 0284

Page 2

Application No. 13/794,387

Attorney Docket No. TI-72217

SIGNATURE OF INVENTOR	X
PRINTED NAME OF INVENTOR	Harndan Hamid
DATE	X 17 fer 2013
RESIDENCE (CITY AND STATE)	Selangor, Malaysia
SIGNATURE OF INVENTOR	·
PRINTED NAME	
OF INVENTOR	
DATE	
RESIDENCE (CITY AND STATE)	
10,00	

SIGNATURE OF INVENTOR	
, , , , , , , , , , , , , , , , , , ,	
PRINTED NAME OF INVENTOR	
DATE	
RESIDENCE (CITY AND STATE)	

After recording, return Assignment to:

Jonathon Scott Texas Instruments Incorporated PO Box 655474, M/S 3999 Dallas, TX 75265

PATENT REEL: 030005 FRAME: 0285