OMB No 065170027 (exp 6/30/2005)	United States Patent and Trade	emark Office	
TI-39159 5-10-05 1030040	074	5437	
To the director of the U.S. Patent and Trademark Onice; Please record the a	ttached documents or the new address(es) below	125 125	
<ol> <li>Name of conveying party(ies)/Execution Date(s)</li> </ol>	2. Name and address of receiving party(ies)	1323	
<ol> <li>Issac D. Cohen</li> <li>Sergey F. Komarov</li> <li>3.</li> </ol>	(1) Name Texas Instruments Inc.		
4.	City: <u>Dallas</u> State: <u>TX</u>		
Additional name(s) of conveying party(ies) attached? ☐ Yes ✔ No	Country: USA Zip: 75265		
3. Nature of conveyance:			
Execution Date(s) 5/6/2005;5/6/2005	(2) Name		
✓ Assignment	Street Addres		
☐ Security Agreement ☐ Change of Name	City: State:		
Government Interest Assignment	Country: Zip:	t total and an experience of a	
☐ Executive Order 9424 Confirmatory License ☐ Other	Additional name(s) and Addresses attached?	s <b>☑</b> No	
Additional numbers att  5. Name and address to whom correspondence			
concerning document should be mailed:  Name: Peter McLarty	6. Total number of applications and patents involved:		
Internal Address:	7. Total Fee (37 CFR 1.21(h) & 3.41) \$40.00		
Company: Texas Instruments Inc.	<ul> <li>☐ Authorized to be charged by credit card</li> <li>✓ Authorized to be charged to deposit account</li> </ul>		
Address: P.O. Box 655474; MS 3999	☐ Enclosed		
City: <u>Dallas</u>	☐ None required (government interest not affecting	title)	
State TX Zip: 75265	8. Payment Information		
Phone Number (972) 917-4258	a. Credit Card Last 4 Numbers		
Fax Number (972) 917-4418	Expiration Date:	iğ	
^	b. Deposit Account Number: 20-0668	= =	
Email Address p-mclarty 10tj.com	Authorized User Name: Texas Instruments		
9. Signature	5/10/2005	0.00 M	
Signature	Date	90 S	
David H. Hitt	Total number of Pages including Cover	41	
Name of Person Signing	sheet, attachments and documents	<sup>2</sup> <b>5</b>	

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:

Mail stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, V.A. 22313-1450

**PATENT** 

**REEL: 016559 FRAME: 0185** 

ATTORNEY DOCKET NO.
TI-39159

## 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, having a place of business at 7839 Churchill Way, MS 3999, Dallas, Texas 75251, P.O. Box 655474, MS 3999, Dallas, Texas 75265, 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 therefor, 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 my hand and seal this day and year;

TITLE OF INVENTION	A Distributed Element Generator, Method of Generating Distributed Elements and an Electronic Design Automation Tool Employing the Same		
SIGNATURE OF INVENTOR AND NAME	Saac D. Cohen	Scrgey F. Komarov	(3)
DATE	may 6, 2005	May 6,2005	
RESIDENCE (City, State)	Richardson, Texas	Allen, Texas	
DATE APPLICATION EXECUTED			

After recordation, please return Assignment to:

RECORDED: 05/10/2005

Peter McLarty
Texas Instruments Incorporated
P.O. Box 655474, M/S 3999
Dallas, TX 75265

PATENT REEL: 016559 FRAME: 0186