12-09-2002	
Form PTO-1595 1023063	ET Patent and Trademark Office
To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.	
1. Name of conveying party(ies): SAHU, Debapriya TEXAS INSTRUMENTS (INDIA) PRIVATE LIMITED Additional name(s) of conveying party(ies) attached? □ yes ⋈ no 3. Nature of Conveyance: ⋈ Assignment □ Merger □ Security Agreement □ Change of Name □ Other □	2. Name and address of receiving party(ies): Name: Texas Instruments Incorporated Street Address: P. O. Box 655474, MS 3999 City: Dallas State: Texas Zip Code: 75265 Country: U.S.A. Additional name(s) & address(es) attached? □ yes ⋈ no
Execution Date(s): 11/14/2002; 11/18/2002. 4. Application number(s) or patent number(s):	10/302998
If this document is being filed together with a new application A. Patent Application No(s).	on, the execution date of the application is11/18/2002. B. Patent No(s).
Additional numbers attached?	yes ⊠ no
 Name and address of party to whom correspondence concerning document should be mailed: Name: Mr. Ron Neerings Address: Texas Instruments Incorporated P.O. Box 655474, MS 3999 Dallas, Texas 75265 (972)-917-5299 (Phone) 	6. Total number of applications and patents involved 1 7. Total fee (37 C.F.R. § 3.41)\$ 40.00
	[x] Authorized to be charged to Deposit Account
	8. Deposit Account Number: 20-0668 Attorney Docket No. TI-34223/TXN-051
DO NOT US	E THIS SPACE
9. Statement and signature. To the best of my knowledge and belief, the foregoing inform copy of the original document. Narendra Reddy Thappeta Name of Person Signing Signature	ation is true and correct and any attached copy is a true November 21, 2002 Date

Mail documents to be recorded with required cover sheet information to: Commissioner of Patents and Trademarks, Box Assignments Washington, D.C. 20231

Name of Person Signing

Registration Number 41,416

12/06/2002 LMUELLER 00000212 200668 10302998 01 FC:8021 40.00 CH

Total number of pages including cover sheet, attachments and document 3

ASSIGNMENT

WHEREAS, the below named inventor(s) (hereinafter INVENTOR) is the inventor or an inventor of an invention for which a U.S. patent application has been filed as set forth below, and made the said invention in the course of employment by TEXAS INSTRUMENTS (INDIA) PRIVATE LIMITED, a company organized of according to the laws of India, having an office at Golf View Homes, Wind Tunnel Road, Murugeshpalaya, Bangalore 560 017, India, hereinafter (TIIN);

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, Mail Station 3999, Dallas, Texas 75251, USA, is desirous of acquiring our entire right, title interest in and to the said invention outside of India, and in 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, by this Assignment, TIIN and INVENTOR sell and assign to the said TEXAS INSTRUMENTS INCORPORATED, its successors and assigns, the entire right, title and interest in and to the said invention in the U.S.A. and in all other countries outside India; in and to the U.S. patent application as identified below and all patents which may be granted therefor, and all divisions, reissues, substitutions, continuations, and extensions thereof; and to file applications and obtain patents in its own name in any said other country or group of countries, and to claim priority under the terms of the International Convention for the Protection of Industrial Property or any other relevant convention:

TIIN and INVENTOR hereby authorize and request the Commissioner of Patents to issue all U.S. patents for said invention, or patents resulting therefrom, insofar as our interest is concerned to the said TEXAS INSTRUMENTS INCORPORATED, as assignee of the entire right, title and interest.

TIIN and INVENTOR further agree to communicate to TEXAS INSTRUMENTS INCORPORATED or to its successors, assigns and legal representatives, any facts known to them respecting the said invention, and at the expense of TEXAS INSTRUMENTS INCORPORATED, sign any and all patent applications, assignments, affidavits and other lawful papers, execute all applications, make all lawful oaths, testify in any legal or quasi-legal proceedings and generally everything possible to said TEXAS INSTRUMENTS INCORPORATED, its successors, assigns and nominees to obtain and enforce proper patent protection for said invention in all countries outside India.

PATEŅT REEL: 013546 FRAME: 0947

TIIN-34223/TXN-051 Assignment

Date:

Page 2 of 2 I hereby authorize and request my attorney, Narendra Reddy Thappeta, Esq., Registration Number 41,416, to insert here in parenthesis (application number . filed:) of said application when known. Title of Invention: "Adjusting the Trans-Conductance of a Filter" Inventor(s): Debapriya SAHU IN WITNESS WHEREOF, this Agreement has been executed as set forth below: Bangalore, India on Nov 18, 2002 (Month/day/Year) Signed at: by Texas Instruments (India) Private Limited Name: Dr. Biswadip Mitra Title: Managing Director Signature: and by the INVENTOR(S): Name: Debapriya SAHU Debapy Soh Signature: No. 56, Manjunatha Layout, Murgeshpalya Bangalore, Karnataka (State), India 560 075 Address:

> 11 / 14 / 2002 (Month/day/Year)

PATENT RECORDED: 11/25/2002 REEL: 013546 FRAME: 0948