Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents & Trademarks, Box Assignments

Washington, D.C. 20231

36,981 Total number of pages including cover sheet attachments, and document: [5]

Name of Person Signing

Attorney Docket No. TI-36776

## **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 its principal office at 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;

NEW, 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 hand and seal this day and year;

PATENT REEL: 014779 FRAME: 0002

TITLE OF INVENTION	MODELING PROCESS FOR INTEGRATED CIRCUIT FILM RESISTORS	
SIGNATURE OF INVENTOR AND NAME	Philipp Steinmann	Amitava Chatterjee
DATE	12/1/03	12/2/07
RESIDENCE (CITY AND STATE)	625 St. George Richardson, Texas 75081	3833 Morning Dove Plano, Texas 75025
DATE APPLICATION EXECUTED	12/1/03	12/2/03

PATENT REEL: 014779 FRAME: 0003

TITLE OF INVENTION	MODELING PROCESS FOR INTEGRATED CIRCUIT FILM RESISTORS	
SIGNATURE OF INVENTOR AND NAME	Doug Weiser	Roland Bucksch
DATE		12/03/03
RESIDENCE (CITY AND STATE)	652 Post Oak Drive Plano, Texas 75025	7502 Cottonwood Court Garland, Texas 75044
DATE APPLICATION EXECUTED	12/4/03	12/03/03

After recording, return Assignment to:

Jacqueline J. Garner, Esq.

Texas Instruments Incorporated P.O. Box 655474, M/S 3999

Dallas, TX 75265

PATENT REEL: 014779 FRAME: 0004

RECORDED: 12/04/2003