

02-05-1999

FORM PTO-1595

TI-20827

U.S. Department of Commerce
Patent and Trademark Office

100960122

To the Honorable Commissioner of Patents and Trademarks. Please forward to _____ al documents or copy thereof.

1. Name of conveying party(ies):

1) Kazuhiro Hamamoto

2. Name and Address of receiving party(ies):

Name: TEXAS INSTRUMENTS INCORPORATED

Address: P.O. Box 655474, MS 3999

City: Dallas

State: TX Zip: 75265

Additional name(s) & address(es) attached? ___ Yes ___X___ No

3. Nature of Conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other _____

Execution Date: January 21, 1998

4. Application number(s) or patent number(s).

☒ This document is being filed together with a new application.

Execution date of the application: January 21, 1998

Title: Method for Filling a Via Opening or Contact Opening in an Integrated Circuit

Docket No: TI-20827

A. Patent Application No.(s)
XX/XXX,XXXB. Patent No.(s)
X,XXX,XXX

Additional numbers attached? ___ Yes ___X___ No

Additional numbers attached? ___ Yes ___X___ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Jacqueline J. Garner

Texas Instruments Incorporated

Address: P.O. Box 655474, MS 3999

City: Dallas

State: TX Zip: 75265

6. Number of applications and patents involved: (1)

7. Amount of fee enclosed or authorized to be charged: \$40

1 x \$40 = \$40

8. Deposit Account No: 20-0668

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

January 25, 1999

Date

Jacqueline J. Garner, Reg. No. 36,144

JC530 U.S. PTO
09/236799

01/25/99

02/02/1999 JSHABAZZ 00000123 200668 09236799

01 FC:581 40.00 CH

PATENT
REEL: 9736 FRAME: 0378

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

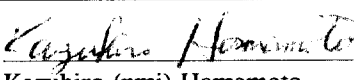
WHEREAS, TEXAS INSTRUMENTS INCORPORATED, a corporation organized and existing under the laws of the State of Delaware, with its principal office at 13500 North Central Expressway, Dallas, Texas 75265, is desirous of acquiring my entire right, title and interest in and to the said invention, and to the 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 and 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 to issue all patents for said invention, or patents 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:

Title of Invention	METHOD FOR FILLING A VIA OPENING OR CONTACT OPENING IN AN INTEGRATED CIRCUIT		
Signature of Inventor and Name	 Kazuhiro (nmi) Hamamoto		
Date	1/21/98		
Residence (City, State & County)	3009 McBee Drive, Plano, Collin County, Texas 75025		
Date Application Executed	1/21/98		

After recording, return Assignment to:

Wade James Brady III
Texas Instruments Incorporated
P. O. Box 655474, M/S 3999
Dallas, Texas 75265