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To the Honorable Commissioner of Pate	1.926549 or the attached original documents or copy thereof.
Name of conveying party(ies):	Name and address of receiving party(ies):
Stanley J. Goldman	Name: Texas Instruments Incorporated
mre .	Internal Address:
12/10/01	
Additional name(s) of conveying party(ies) attached? [] Yes [X] No	01626
3. Nature of conveyance:	Street Address: P.O. Box 655474, M/S 3999
[X] Assignment [] Merger	
[] Security Agreement [] Change of Name	City:
[] Other	State/Country: Texas ZIP: 75265
Execution Date: December 8, 2001	Additional name(s) & address(es) attached? [] Yes [X] No
A. Patent Application No.(s)	B. Patent No.(s) B. attached? [] Yes [x] No
Name and address of party to whom	Total number of applications and patents involved: [1]
correspondence concerning document	of Total Horizon of Opphrounds and patients
should be mailed: Name: Ronald O, Neerings, Esq.	7. Total fee (37 CFR 3.41)\$\$
Internal Address:	[] Enclosed
Texas Instruments Incorporated	[X] Authorized to be charged to deposit account
Street Address: P.O. Box 655474, M/S 3999	0. Dengoit account number:
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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.	
Thomas G. Eschweiler Name of Person Signing	December 10, 2001
	December 10, 2001 Signature Date Date Date Date
	ed with required cover sheet information to:

Commissioner of Patents & Trademarks, Box Assignments Washington, D.C. 20231

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 7839 Churchill Way, M.S. 3999, Dallas, Texas 75251, 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 s 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: 012388 FRAME: 0861

TITLE OF INVENTION	PLL LOCK DETECTION USING A CYCLE SLIP DETECTOR WITH CLOCK PRESENCE DETECTION
SIGNATURE OF INVENTOR AND NAME	Stanley I. Goldman
DATE	12-8-01
RESIDENCE (CITY AND STATE)	12705 Montfort Drive Dallas, Texas 75230
DATE APPLICATION EXECUTED	12-8-01

After recording, return Assignment to:

RECORDED: 12/10/2001

Ronald O. Neerings, Esq.

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

Dallas, TX 75265

PATENT REEL: 012388 FRAME: 0862