| FORM PT 9-1595  | -12-2004<br>02692348  | S. Department of Commo<br>Patent and Trademark O                                |
|---|---|---|
| To the Honorable Commissioner of Patents and Trademans. Please  1. Name of conveying party(ies):  Texas Instruments France (02/02/2004)  Gianni Puccio (02/02/2004)  Biagio Bisanti (02/02/2004)  Stefano Cipriani (02/10/2004)   | Name and Address of rece     Name: Texas Inst   |   |
| Additional name(s) & address(es) Attached?YesXNo  | State <b>Texas</b> Additional name(s) & addre   | Zip: <b>75265</b> Zip: <b>75265</b> 1857  0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 |
| Security Agreement Change of Name Other  Execution Date: February 2, 2004, and February 10, 2004.  4. Application number(s) or patent number(s).  If this document is being filed together with a new application, the  |   |   |
| A. Patent Application No.(s)  | D D-((N-(-)   | :: <u>November 18, 2003</u> .   |
|   | D D-((N-(-)   |   |
| A. Patent Application No.(s)  Additional numbers attached? Yes X No  5. Name and address of party to whom correspondence concerning document should be mailed:  Name: Ronald O. Neerings  Address: Texas Instruments Incorporated P. O. Box 655474, M.S. 3999  City: Dallas   | B. Patent No.(s)  | ed? Yes _ <u>X</u> No   |
| A. Patent Application No.(s)  Additional numbers attached? Yes X No  5. Name and address of party to whom correspondence concerning document should be mailed:  Name: Ronald O. Neerings  Address: Texas Instruments Incorporated P. O. Box 655474, M.S. 3999  City: Dallas   | Additional numbers attache  6. Number of applications and  7. Amount of fee enclosed or                               | ed? Yes X No d patents involved: 1  authorized to be charged: \$40.             |
| A. Patent Application No.(s)  Additional numbers attached? Yes X No  5. Name and address of party to whom correspondence concerning document should be mailed:  Name: Ronald O. Neerings  Address: Texas Instruments Incorporated P. O. Box 655474, M.S. 3999  City: Dallas  State: Texas Zip: 75265  | Additional numbers attache  6. Number of applications and  7. Amount of fee enclosed or                               | ed? Yes _ <u>X</u> No   |
| Additional numbers attached? Yes X No  5. Name and address of party to whom correspondence concerning document should be mailed:  Name: Ronald O. Neerings  Address: Texas Instruments Incorporated P. O. Box 655474, M.S. 3999  City: Dallas  State: Texas Zip: 75265  DO NOT US  9. Statement and signature.  To the best of my knowledge and belief, the foregoing information Document. | Additional numbers attache  6. Number of applications and  7. Amount of fee enclosed or  8. Texas Instruments Incorpo | authorized to be charged: \$40.4 rated, Account Number: 20-066                  |

**PATENT REEL: 015052 FRAME: 0425** 

## **ASSIGNMENT**

WHEREAS, TEXAS INSTRUMENTS FRANCE (hereinafter TIF), a French company of 821 Avenue Jack Kilby, 06271 Villeneuve-Loubet, France, has under the laws of France made application in its own name for letters patent in France in respect of an invention as set forth below;

WHEREAS, the or each below named inventor (hereinafter INVENTOR) is the or an inventor of the said invention; 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, Mail Station 3999, Dallas, Texas 75251, USA, is desirous of acquiring the entire right, title and interest in and to the said invention outside of France and in and to any patent applications filed outside of France 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 TIF 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 of France and in and to the U.S. patent application identified below and all patents which may be granted therefor, and all divisions, reissues, substitutions, continuations, and extensions thereof; and the right to file applications and obtain patents in any 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;

TIF 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.

TIF 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, execute any and all patent applications, assignments, affidavits, and any other lawful papers in connection therewith, execute all divisional, continuation, reissue and substitute applications, make all lawful oaths, testify in any legal or quasi-legal proceedings and generally to 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 outside France.

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## <u>Charge Pump Phase Locked Loop With Improved Power Supply Rejection</u> Title of Invention

Gianni Puccio, Biagio Bisanti, and Stefano Cipriani Inventor(s)

French Patent Application No.: 03292140.5 Filed: August 29, 2003.

IN WITNESS WHEREOF this Assignment has been executed as set forth below:

| Executed for a   | and on benait of TEXAS INSTRUMENTS FRANCE        |  |
|--|--|--|
| Ву:  | Mulu in  |  |
| Name:  | Christian Tordo                                  |  |
| Title:   | Managing Director                                |  |
| Date:  | 02/02/2004                                       |  |
| Executed for and on behalf of TEXAS INSTRUMENTS INCORPORATED |  |  |
| Ву:  | Harrer Bradyth                                   |  |
| Name:  | W. James Brady III                               |  |
| Title:   | Deputy General Patent Counsel and Vice President |  |
| Date:  | 2/19/04  |  |

## **ACKNOWLEDGEMENT**

We, Gianni Puccio, Biagio Bisanti and Stefano Cipriani, inventors of certain new and useful improvements in the above entitled invention for which an application for letters patent is about to be made, acknowledge that we are employees of TEXAS INSTRUMENTS FRANCE on the date on which said invention was conceived and reduced to practise, that our invention was made in the course of normal or specifically assigned duties as an employee of TEXAS INSTRUMENTS FRANCE and that under French, National Law our invention and all rights in it belong to TEXAS INSTRUMENTS FRANCE.

We hereby further agree that we will communicate to TEXAS INSTRUMENTS FRANCE or to its successors, assigns and legal representatives, any facts known to us respecting said invention, and at the expense of TEXAS INSTRUMENTS FRANCE, will 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 FRANCE, its successors, assigns and nominees to obtain and enforce proper patent protection for said invention in all countries.

**IN WITNESS WHEREOF,** that each inventor has hereto set his hand and seal; and by the **INVENTOR(s)**:

| Gianni Puccio  |           |
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