

01-07-1999

PHA 23,570

Form PTO 1595
(Rev. 6-93)

MLO 12.22.98

100936525

U.S. Dept. of Commerce
Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents on copy thereof.

1. Name of conveying party(ies):
VLADIMIR DVORKIN
MICHAEL G. WONG

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

Name: PHILIPS ELECTRONICS NORTH AMERICA
CORPORATION

Internal Address: _____

Additional name(s) of conveying party(ies) attached?

___ Yes X No

3. Nature of conveyance:

X Assignment ___ Merger
___ Security Agreement ___ Change of Terms
Other _____

Street Address: 1251 Avenue of the Americas

City: New York State: NY Zip: 10020-1104

Additional name(s) & address(es) attached?

___ Yes X NoExecution Date: December 18, 1998
December 18, 1998

4. Application number(s) or patent number(s): 09/218547

If this document is being filed together with a new application, the execution date of the application, is December 18, 1998, December 18, 1998.

A. Patent Application No.(s)

(None Yet)

B. Patent No.(s)

Additional numbers attached? ___ Yes X No

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

Name: U.S. Philips Corporation

Internal Address: _____

Street Address: 580 White Plains Road

City: Tarrytown State: NY Zip: 10591

00000169 14:270 09218547

10.00 CH

6. Total number of applications and patents involved: 17. Total fee (37 CFR 3.41) ...\$40.00 E___ Enclosed X Authorized to Deposit Account

8. Deposit Account Number: 14-1270

(Attach duplicate copy of this page paying by deposit account)

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.

Michael E. Marion, Reg. 32,266
Name of Person Signing

Signature

Date

Total number of pages including cover sheet, attachments, and document: 2Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents and Trademarks
Box Assignments
Washington, D.C. 20231jlc518 U.S. PTO
09/218547

12/22/98

01/06/1999 DNGUYEN
01 FC:581PATENT
REEL: 9675 FRAME: 0573

SOLE/JOINT ASSIGNMENTDocket No. PHA 23,570

For good and valuable consideration, I, as a below-named Assignor, hereby sell, assign, and transfer the entire right, title, and interest in the following to Philips Electronics North America Corporation, a corporation having a place of business at 1251 Avenue of the Americas, New York, NY 10020, its successors, assigns, and legal representatives, including any nominees (collectively "the Assignee"):

(1) my/our invention relating to "**INTERNAL CIRCUIT FOR ADAPTIVE MODE SELECTION OF MULTI-MODE RF INTEGRATED CIRCUIT**" as described in the U.S. patent application

[X] executed concurrently herewith,
 [] executed on _____,
 [] filed in the United States Patent and Trademark Office
 on _____ as Serial Number _____,

(2) the foregoing application and all other U.S. and foreign patent applications based thereon, including divisions, continuations, reissues, and extensions, and

(3) all patents granted on these applications.

I will provide my cooperation to enable the Assignee to enjoy the foregoing right, title, and interest to the fullest extent. Upon request at the expense of the Assignee, I agree to execute all papers, take all rightful oaths, testify in all legal proceedings including patent prosecutorial actions and infringement actions, and do all other such acts which may be necessary, desirable, or convenient for securing and maintaining patents on the foregoing invention or for perfecting title thereto in the Assignee. I authorize and request that these patents be issued to the Assignee.

I certify that I have the full right to convey the above rights.

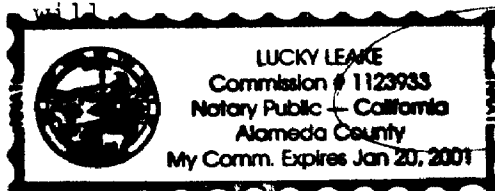
December 12, 1998 (signature) Vladimir Dvorkin , Assignor
 Date (printed name) Vladimir Dvorkin

December 16, 1998 (signature) Michael G. Wong , Assignor
 Date (printed name) Michael G. Wong

State of _____)
 County of _____)

On this 18th day of DECEMBER, 1998 before me personally appeared Vladimir Dvorkin and Michael G. Wong

known to me to be the person(s) who executed the foregoing assignment and acknowledged to me that he/they executed this assignment of his/their own free will.



[Signature]
 Notary Public