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(Rev. 03/01)  
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U.S. DEPARTMENT OF COMMERCE  
U.S. Patent and Trademark Office

103112818

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

1. Name of conveying party(ies):

Michael L. Hageman  
Dale R. Brandt  
David S. Ripley

Additional name(s) of conveying party(ies) attached?  Yes  No

2. Name and address of receiving party(ies)

Name: **Skyworks Solutions, Inc.**

Internal Address: \_\_\_\_\_

Street Address: **5221 California Avenue**

City: **Irvine** State: **CA** Zip: **92617**

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

3. Nature of conveyance:

- Assignment  Merger
- Security Agreement  Change of Name
- Other:

Execution Date: **October 24, 2005**

113261 U.S. PTO  
11/259006

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

If this document is being filed together with a new application, the execution date of the application is: **October 24, 2005**

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached?  Yes  No

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

Name: **Michael Farjami, Esq.**

Internal Address: **Farjami & Farjami LLP**

Street Address: **26522 La Alameda Ave., Suite 360**

City: **Mission Viejo** State: **California** Zip: **92691**

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 3.41). . . . . \$ **40.00**

Enclosed (Payment by Credit Card Form PTO-2038 enclosed)

Underpayment or Overpayment is Authorized to be Charged or Credited to Deposit Account

8. Deposit account number:

**50-0731**

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

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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.

**Michael Farjami, Esq.**

Name of Person Signing

Signature

**10/25/05**

Date

Total number of pages including cover sheet, attachments, and documents: **4**

Mail documents to be recorded with required cover sheet information to:  
Mail Stop Assignment Recordation Services, Commissioner of Patents, P.O. Box 1450, Alexandria, VA 22313-1450

**ASSIGNMENT**

WHEREAS, WE , (1) Michael L. Hageman; (2) Dale R. Brandt; and (3) David S. Ripley residing at (1) 445 Spring Creek Rd. Mt. Vernon IA 52314 ; (2) 5151 Sutton Rd. Central City, IA 52214 ; and (3) 7435 Beckett Dr. NE Cedar Rapids, IA 52402 have invented certain new and useful improvements disclosed in an application for United States Letters Patent titled Dual Mode Power Amplifier, filed herewith;

AND WHEREAS SKYWORKS SOLUTIONS, INC., a Delaware corporation (hereinafter, together with any successors, legal representatives of assigns thereof, called "Assignee"), wants to acquire the entire right, title, and interest in and to said improvements and application:

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, WE have sold, assigned, transferred and set over, and do hereby sell, assign, transfer and set over to Assignee the entire right, title, and interest in and to said improvements, and said application and all divisions, substitutions, continuations and continuations-in-part thereof, and all United States Letters Patents which may be granted thereon and all reissues and extensions thereof, and all priority rights under the International Convention for the Protection of Industrial Property for every member country, and all applications for patents (including related rights such as utility-model registrations, inventor(s) certificates, and the like), heretofore or hereafter filed for said improvements in any foreign countries, and all patents (including all extensions, renewals, and reissues thereof) granted for said improvements in any foreign countries; and WE hereby authorize and request the United States Commissioner of Patents and Trademarks, and any officials of foreign countries whose duty it is to issue patents on applications as aforesaid, to issue all patents for said improvements to Assignee in accordance with the terms of this assignment;

AND WE HEREBY covenant that WE have full right to convey the entire interest herein assigned, and that WE have not executed, and will not execute, any agreement in conflict herewith;

AND WE HEREBY further covenant and agree that WE will communicate to Assignee any facts known to us respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, continuations-in-part, substitute and reissue applications, make all rightful oaths, and generally do everything possible to aid Assignee to obtain and enforce proper patent protection for said improvements in all countries.

IN TESTIMONY WHEREOF, WE hereunto set my hand this 24 day of oct, 2005

*Michael L. Hageman*  
 Michael L. Hageman

STATE OF Iowa )  
 )  
 COUNTY OF Linn ) SS.

On October 24, 2005 before the undersigned, a Notary Public for the State and County aforesaid, personally appeared Michael Hageman, known to me or proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the above assignment, and acknowledged that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Signature *Marti Jensen*



IN TESTIMONY WHEREOF, WE hereunto set my hand this 24 day of October, 2005

*Dale R. Brandt*  
 Dale R. Brandt

STATE OF Iowa )  
 )  
 COUNTY OF Linn ) SS.

On October 24, 2005 before the undersigned, a Notary Public for the State and County aforesaid, personally appeared Dale Brandt, known to me or proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the above assignment, and acknowledged that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Signature *Marti Jensen*



IN TESTIMONY WHEREOF, WE hereunto set my hand this 24 day of October, 2005.

David S. Ripley  
David S. Ripley

STATE OF Iowa )  
COUNTY OF Linn ) ss.

On October 24, 2005, before the undersigned, a Notary Public for the State and County aforesaid, personally appeared David Ripley, known to me or proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the above assignment, and acknowledged that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Signature Marti Jensen

