DIPE	Docket No.: SKYWKS.0042P
OMB No. 0651-0027 (exp. 5/31/2002)	3 - 2007 T U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office
Tab settings → → ↑ To the Director of the United Parts Pate. 1034	14811
1. Name of conveying party(ies): Terrence John Shie Russell David Wyse Jinhua Zhong	2. Name and address of receiving party(ies): Name: Skyworks Solutions, Inc. Internal Address:
Additional names(s) of conveying party(ies)	
3. Nature of conveyance:	
✓ Assignment✓ Merger✓ Change of Name	Street Address: 5221 California Avenue, M/S 41-1C
OtherExecution Date: December 20, 2006; December 15, 2006;	City: Irvine State: CA ZIP: 92617
May 29, 2007	Additional name(s) & address(es) attached?
A. Patent Application No.(s) Filing Date 11/651,949 January 9, 2007 Additional numbers attack	B. Patent No.(s)
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:
Name: Chad W. Miller	7. Total fee (37 CFR 3.41):\$ 40.00
Internal Address: Weide & Miller, Ltd. 5/07/2007 DBYRNE 00000085 11651949	Enclosed - Any excess or insufficiency should be credited or debited to deposit account Authorized to be charged to deposit account
FC:8021 40.00 OP	
Street Address: 7251 West Lake Mead Blvd., Suite 530	8. Deposit account number: 502200
City: Las Vegas State: NV ZIP: 89128	(Attach duplicate copy of this page if paying by deposit account)
DO NOT	USE THIS SPACE
9. Statement and signature. To the best of my knowledge and belief, the foregoing inform of the original document. Chad W. Miller	mation is true and correct and any attached copy is a true copy Signature Date

Name of Person Signing Total number of pages including cover sheet, attachments, and document: Mail documents to be recorded with required cover sheet information to:
Mail Stop Assignment Recordation Services
Director of the United States Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450

REEL: 019421 FRAME: 0429

PATENT

Application No.: Not Yet Assigned

Filing Date: Herewith

Docket No.: SKYWKS.0042P Skyworks Ref. No. 05SKY0031

ASSIGNMENT

WHEREAS, We, Terrence John Shie, United States citizen, residing at 304 Teakwood Lane NE, Cedar Rapids, IA 52402, and Russell David Wyse, a United States citizen, residing at 3979 Gic Drive, Center Point, IA 52213 have invented certain new and useful improvements in MULTIBAND OR MILLTIMODE RECEIVER WITH SHARED BIAS CIRCUIT for which we have filed an application for Letters Patent in the United States, on even date herewith;

AND WHEREAS, Skyworks Solutions, Inc. (hercinafter "ASSIGNEE"), a Delaware Corporation, with its principal place of business at 5221 California Avenue, M/S 41-1C, Irvine, CA 92617, desires to acquire the entire right, title, and interest in and to the said improvements and the said Application:

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) each to us in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, we, the said inventors, do hereby acknowledge that we have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title, and interest throughout the world in, to and under the said improvements, and the said application and all divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all rights of priority under International Conventions and applications for Letters Patent which may be reafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof, and we hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvements to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE ITEREBY covenant and agree that we will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to us respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 20th day of December, 2006.

Tempere John Shie

Blick R Lug

STATE OF I

COUNTY OF Lina

On Dec 20, 2006, before me, Heid: Lieg personally appeared Terrence John Shie personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity, and that by his 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.

[SEAL]

~0164815

HEIDI R LIEGL Commission Number 742109 My Commission Expires

> PATENT REEL: 019421 FRAME: 0430

PATENT

Application No.: Not Yet Assigned

Filing Date: Herewith

Docket: SKYWK\$.0042P Skyworks Ref. No. 05SKY0031

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 15 day of 12, 2006.

Russell David Wyse

STATE OF

COUNTY OF

On <u>Drewnless 15, 2006</u>, before me, <u>Russell David Wyse</u> personally appeared Russell David Wyse personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity, and that by his 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.

[SEAL]

Signature Signature

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PATENT

Application No.: Not Yet Assigned

Filing Date: Herewith

Docket No.: SKYWKS.0042P Skyworks Ref. No. 05SKY0031

ASSIGNMENT

WHEREAS, I, Jinhua Zhong, a Chinese citizen, residing at 4600 Spring Meadow Place NE, Cedar Rapids, IA 52411, have invented certain new and useful improvements in MULTIBAND OR MULTIMODE RECEIVER WITH SHARED BIAS CIRCUIT for which I have filed an application for Letters Patent in the United States, on even date herewith;

AND WHEREAS, Skyworks Solutions, Inc. (hercinafter "ASSIGNEE"), a Delaware Corporation, with its principal place of business at 5221 California Avenue, M/S 41-1C, Irvine, CA 92617, desires to acquire the entire right, title, and interest in and to the said improvements and the said Application:

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) each to us in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, I, the said inventor, do hereby acknowledge that I have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title, and interest throughout the world in, to and under the said improvements, and the said application and all divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all rights of priority under International Conventions and applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and we hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvements to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND I HEREBY covenant and agree that I will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to us respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 29 day of MAY, 2007.

STATE OF North Caroline (ss.

On May 29, 7008 before me, Sinhoa Zhou, personally appeared Jinhua Zhong personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity, and that by his 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

[SEAL]

HANOARY

PUBLIC

PUBLI

Signature My Compission expires
Aug 19, 2008

CWM-W-0974.doc

PATENT REEL: 019421 FRAME: 0432

RECORDED: 06/04/2007