

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4393157

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ANADIGICS ACQUISITION CORP.	03/08/2017

RECEIVING PARTY DATA

Name:	Skyworks Solutions, Inc.
Street Address:	20 Sylvan Road
City:	Woburn
State/Country:	MASSACHUSETTS
Postal Code:	01801

PROPERTY NUMBERS Total: 24

Property Type	Number
Patent Number:	6645790
Application Number:	60259505
Application Number:	60347966
Application Number:	60408037
Application Number:	60408045
Application Number:	60408047
Application Number:	60408050
Application Number:	60408053
Application Number:	60408073
Application Number:	60408074
Application Number:	60408136
Application Number:	60408166
Application Number:	60408172
Application Number:	60408173
Application Number:	60408187
Application Number:	60408200
Application Number:	60408384
Application Number:	60408413
Application Number:	60409533
Application Number:	60409896

PATENT

Property Type	Number
Application Number:	60410119
Application Number:	60410842
Application Number:	60416175
Application Number:	60416621

CORRESPONDENCE DATA

Fax Number: (949)231-3206

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 9492313073

Email: ip.docketing@skyworksinc.com

Correspondent Name: DONALD BOLLELLA

Address Line 1: 5221 CALIFORNIA AVENUE, 21-1

Address Line 4: IRVINE, CALIFORNIA 92617

ATTORNEY DOCKET NUMBER:	PJCT-2016-0043-ASSGN-AAC
NAME OF SUBMITTER:	DONALD BOLLELLA
SIGNATURE:	/Donald Bollella/
DATE SIGNED:	05/01/2017

Total Attachments: 5

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ACKNOWLEDGMENT AND ASSIGNMENT OF PATENTS

WHEREAS, Anadigics Acquisition Corp., a Delaware corporation having a principal place of business at 141 Mount Bethel Road, Warren, New Jersey 07059 (hereinafter "ASSIGNOR") owned the Letters Patents and applications for Letters Patents listed in Schedule A hereto (hereinafter "the Patent Assets").

WHEREAS, Skyworks Solutions, Inc., a Delaware corporation having principal offices at 20 Sylvan Road, Woburn, Massachusetts 01801 (hereinafter "ASSIGNEE"), desires to purchase the entire right, title, and interest in, and to, the Patent Assets, any and all inventions and improvements disclosed therein or related thereto, all other Letters Patent to be had therefor, all rights to exclusively claim priority thereto, and all foreign rights associated therewith.

WHEREAS, ANADIGICS, Inc., an affiliate of ASSIGNOR, and ASSIGNEE are parties to a certain Intellectual Property Agreement, dated as of June 2, 2016 (the "IP Agreement").

WHEREAS, ANADIGICS, Inc. has changed its name to II-VI Optoelectronic Devices, Inc. as of the 29th day of July 2016.

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR on behalf of itself, as well as on the behalf of its related companies II-VI Optoelectronic Devices, Inc. and Anadigics Holding Corp. and all the inventors associated with the Patent Assets, by these presents does hereby acknowledge that it has, pursuant to the IP Agreement entered into by its parent entity, sold, assigned, and transferred, and to the extent not provided therein does hereby further sell, assign, and transfer unto ASSIGNEE, its successors, legal representatives, and assigns, the entire right, title, and interest throughout the world in, to, and under the Patent Assets, and any and all inventions and improvements described therein, or related thereto, and all divisional, continuing, substitute, renewal, reissue, and all other applications for Letters Patent derived from or claiming priority to the aforesaid Patent Assets which have been or shall be filed in the United States, and in and to any further Letters Patent to be issued thereon for the territory of the United States, and all corresponding foreign counterpart applications derived from or claiming priority to the aforesaid Patent Assets as prepared for and filed in any and all foreign countries, and any additional Letters Patents to be issued thereon for any foreign countries, said whole right, title, and interest expressly including the sole and exclusive right so hereby transferred to ASSIGNEE to claim priority to the Patent Assets for the benefit of any subsequently filed United States, International, or foreign patent applications, said whole right, title, and interest being the same for ASSIGNEE's own use and for the use of its assigns, successors, and legal representatives to the full end of the term for which all said Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by ASSIGNOR had this assignment and sale not been made. And ASSIGNOR does hereby acknowledge, agree, and understand that this assignment conveys any and all other intellectual property rights related to the Patent Assets including, any and all right to sue for past, current, or future infringement of the intellectual property rights hereby sold, assigned, and transferred.

ASSIGNOR does further hereby sell, assign, transfer, and convey to ASSIGNEE, its successors, legal representatives, and assigns all claims for damages and all remedies arising out of any violation of the rights assigned hereby that may have accrued prior to the date of assignment to ASSIGNEE, or may accrue hereafter, including, but not limited to, the right to sue for, collect, and retain damages for past, current, or future infringements of the Patent

Assets, and all foreign counterparts thereof, such including all infringements whether occurring before or after issuance of any of the patents, applications, or innovations herein so conveyed.

And ASSIGNOR does hereby covenant and agree on behalf of itself and its related companies, that it will sign or cause to sign all lawful papers, execute or cause to execute all divisional, continuing, and reissue applications, and make or cause to make all rightful oaths, and will further generally do everything reasonably possible to aid ASSIGNEE, its successors, legal representatives, and assigns to obtain and enforce the Patent Assets, and any further such derived therefrom, in all countries throughout the world.

Notwithstanding the foregoing, the terms of this Acknowledgment and Assignment, to the extent that they are inconsistent with or expand any of the terms of the IP Agreement, will not be deemed to modify any contractual intellectual property rights agreed to between the parties under the IP Agreement.

IN TESTIMONY WHEREOF, ASSIGNOR, by its duly authorized representative, executes this Acknowledgment and Assignment on the date indicated below.

Anadigics Acquisition Corp.

By: [Signature]
Timothy A. Challengsworth
President, Secretary, and Treasurer

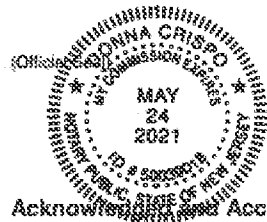
Date: 08 March 2017

Acknowledgment

State of New Jersey

County of Somerset

On March 8, 2017, before me, Donna Crispo, Notary Public in and for said county, personally appeared Timothy A. Challengsworth, who has satisfactorily identified himself as the signer to the above-referenced document.



[Signature]
Notary Public

My Commission Expires May 24, 2021

Acknowledgment Accepted:

Skyworks Solutions, Inc.

By: [Signature]
Donald Bolella
Chief Patent Counsel

Date: March 10, 2017

Acknowledgment

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document and not the truthfulness, accuracy, or validity of that document.

State of California

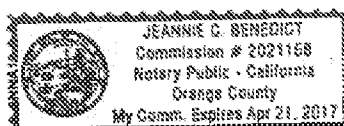
County of Orange

On this 10th day of March, 2017 before me, Jeannie C. Benedict, Notary Public, personally appeared Donald Bolella, who 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.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

(Official Seal)



[Signature]
Notary Public

Assignment -- Anadigics Acquisition Corp.

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PATENT

REEL: 042198 FRAME: 0212

SCHEDULE A
To the Assignment from
Anadigics Acquisition Corp. to Skyworks Solutions, Inc.

1. Title: SYSTEM AND METHOD FOR PROTOTYPING AND FABRICATING COMPLEX MICROWAVE CIRCUITS (Assignee Reference: ANDG-011033)

Jurisdiction	Status	Patent Number	Application Number	Publication Number
US	Converted		60/347966	
US	Converted		60/259505	
US	Granted	5,645,790	10/032321	2002/0110942
WO	Expired		PCT/US01/49710	WO 2002/054447

2. Title: BOND-WIRE CAPACITANCE FILTERS (Assignee Reference: PROV-ANDG-006A)

Jurisdiction	Status	Patent Number	Application Number	Publication Number
US	Abandoned		60/408037	

3. Title: CELLULAR/LAN SYSTEM (Assignee Reference: PROV-ANDG-007A)

Jurisdiction	Status	Patent Number	Application Number	Publication Number
US	Abandoned		60/408045	

4. Title: PREDISTORTION SYSTEM IN VARIABLE GAIN RECEIVERS
(Assignee Reference: PROV-ANDG-008A)

Jurisdiction	Status	Patent Number	Application Number	Publication Number
US	Abandoned		60/408047	

5. Title: DIODE CLAIM LAYOUT FOR MINIMUM DIE AREA
(Assignee Reference: PROV-ANDG-009A)

Jurisdiction	Status	Patent Number	Application Number	Publication Number
US	Abandoned		60/408050	

6. Title: HIGH AND LOW SIDE LO INJECTION FOR MULTI-BAND MIXERS
(Assignee Reference: PROV-ANDG-010A)

Jurisdiction	Status	Patent Number	Application Number	Publication Number
US	Abandoned		60/408053	

7. Title: CONSTANT NOISE FIGURE SYSTEM IN VARIABLE GAIN RECEIVERS
(Assignee Reference: PROV-ANDG-011A)

Jurisdiction	Status	Patent Number	Application Number	Publication Number
US	Abandoned		60/408073	

8. Title: SINGLE-ENDED DIFFERENTIAL AMPLIFIER (Assignee Reference: PROV-ANDG-012A)

Jurisdiction	Status	Patent Number	Application Number	Publication Number
US	Abandoned		60/408074	

SCHEDULE A
To the Assignment from
Anadigics Acquisition Corp. to Skyworks Solutions, Inc.

9. Title: RECEIVED SIGNAL STRENGTH INDICATOR (Assignee Reference: PROV-ANDG-013A)

Jurisdiction	Status	Patent Number	Application Number	Publication Number
US	Abandoned		60/408136	

10. Title: SERIES INDUCTOR (Assignee Reference: PROV-ANDG-014A)

Jurisdiction	Status	Patent Number	Application Number	Publication Number
US	Abandoned		60/408166	

11. Title: BASE BALLASTING TRANSISTOR DESIGN (Assignee Reference: PROV-ANDG-015A)

Jurisdiction	Status	Patent Number	Application Number	Publication Number
US	Abandoned		60/408172	

12. Title: HETEROJUNCTION BIPOLAR TRANSISTOR CLAMP FOR MINIMUM DIE AREA (Assignee Reference: PROV-ANDG-016A)

Jurisdiction	Status	Patent Number	Application Number	Publication Number
US	Abandoned		60/408173	

13. Title: NARROWBAND DUAL CONVERSION TRANSCEIVER (Assignee Reference: PROV-ANDG-017A)

Jurisdiction	Status	Patent Number	Application Number	Publication Number
US	Abandoned		60/408187	

14. Title: SWITCHED GAIN AMPLIFIER (Assignee Reference: PROV-ANDG-018A)

Jurisdiction	Status	Patent Number	Application Number	Publication Number
US	Abandoned		60/408200	

15. Title: ASYMMETRIC LOG AMP (Assignee Reference: PROV-ANDG-019A)

Jurisdiction	Status	Patent Number	Application Number	Publication Number
US	Abandoned		60/408384	

16. Title: BIAS ENABLE FOR BIPOLAR CIRCUITRY WITH LOWER VOLTAGES (Assignee Reference: PROV-ANDG-020A)

Jurisdiction	Status	Patent Number	Application Number	Publication Number
US	Abandoned		60/408413	

17. Title: DPDT AND MATRIX RF SWITCH (Assignee Reference: PROV-ANDG-021A)

Jurisdiction	Status	Patent Number	Application Number	Publication Number
US	Abandoned		60/408533	

SCHEDULE A
To the Assignment from
Anadigics Acquisition Corp. to Skyworks Solutions, Inc.

18. Title: HALF DUPLEX CHIP (Assignee Reference: PROV-ANDG-022A)

Jurisdiction	Status	Patent Number	Application Number	Publication Number
US	Abandoned		60/409898	

19. Title: IC ARCHITECTURES FOR CELLAN (CELLULAR AND WIRELESS LAN NETWORKS)
(Assignee Reference: PROV-ANDG-023A)

Jurisdiction	Status	Patent Number	Application Number	Publication Number
US	Abandoned		60/410119	

20. Title: HETEROJUNCTION BIPOLAR TRANSISTOR BIAS CIRCUIT WITH EFFICIENCY ENHANCING AN
IMPROVED LINEARITY (Assignee Reference: PROV-ANDG-024A)

Jurisdiction	Status	Patent Number	Application Number	Publication Number
US	Converted		60/410842	

21. Title: MULTI-INPUT MULTI-OUTPUT COMMUNICATION SYSTEM
(Assignee Reference: PROV-ANDG-025A)

Jurisdiction	Status	Patent Number	Application Number	Publication Number
US	Abandoned		60/416175	

22. Title: WIRELESS LAN TRANSCEIVER WITH PASSIVE OFF-CHIP MATCHING
(Assignee Reference: PROV-ANDG-026A)

Jurisdiction	Status	Patent Number	Application Number	Publication Number
US	Abandoned		60/416621	