503615712 12/17/2015

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT3662343

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
YAIR DARSHAN	01/26/2015
ALON FERENTZ	01/20/2015

RECEIVING PARTY DATA

Name:	MICROSEMI CORP ANALOG MIXED SIGNAL GROUP, LTD.
Street Address:	1 HANAGAR
City:	HOD HASHARON
State/Country:	ISRAEL
Postal Code:	4501305

PROPERTY NUMBERS Total: 2

Property Type	Number
PCT Number:	IL2015051226
Application Number:	14972121

CORRESPONDENCE DATA

Fax Number: (408)643-6913

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.

6132707441 Phone:

Email: skahn@microsemi.com

MICROSEMI CORPORATION **Correspondent Name:** Address Line 1: 3870 NORTH FIRST STREET

Address Line 2: ATT: JANET DRAKES - RECORDS MANAGER

Address Line 4: SAN JOSE, CALIFORNIA 95134

ATTORNEY DOCKET NUMBER: POE-008-US/PCT **NAME OF SUBMITTER:** SIMON KAHN - REG NO 48249 /Simon Kahn/ SIGNATURE: **DATE SIGNED:** 12/17/2015

Total Attachments: 2

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PATENT REEL: 037312 FRAME: 0287 503615712

ASSIGNMENT

WHEREAS, We, Yair DARSHAN and Alon FERENTZ have invented one or more improvements in

POE FOUR PAIR ACTIVE DETECTION APPARATUS AND METHOD

described in an application (or provisional application) for Letters Patent of the United States:

 \boxtimes identified by Attorney Docket No. POE-008PR, and/or executed by me of even date herewith and about to be filed in the United States Patent Office;

 \boxtimes Serial No. 62/100,568 filed in the United States Patent Office on 7 January 2015; and

WHEREAS, Microsemi Corp. - Analog Mixed Signal Group, Ltd. (hereinafter "ASSIGNEE"), a corporation organized and existing under the laws of the State of Israel, and having a usual place of business at 1 Hanagar St., Hod Hasharon 4501305, Israel desires to acquire an interest therein, in accordance with agreements duly entered into with me;

NOW, THEREFORE, to all whom it may concern be it known that for and in consideration of said agreements, the sum of Ten Dollars (\$10.00) and of other good and valuable consideration, the receipt of which is hereby acknowledged, and without expectation of any further compensation whatsoever, we have each sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns, and legal representatives, our entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to the inventions described in said application, together with our entire right, title and interest in and to said application and such Letters Patent as may issue thereon or claim priority under international convention, including but not limited to continuations, divisionals, reissues, and reexaminations of said application of such Letters Patent; said inventions, applications and Letters Patent to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held by me had this assignment and sale not been made; we hereby convey all of my rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for Letters Patent. We hereby acknowledge that this assignment, being of our entire right, title and interest in and to said invention, carries with it the right in ASSIGNEE to apply for and obtain from competent authorities in all countries of the world any and all Letters Patent by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all Letters Patent to ASSIGNEE for its own name as assignee of our entire right, title and interest therein.

AND, we hereby further agree for each of ourselves and our executors and administrators to execute upon request and without further consideration, any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid invention to said ASSIGNEE, its successors, assigns, and legal representatives, but at its or their expense and charges, including: the execution of applications for patents in foreign countries; the execution of substitution, reissue, divisional or continuation applications; and preliminary or other statements or the giving of testimony in any interference or other proceeding in which said invention or any application or patent directed thereto may be involved; and we further hereby authorize ASSIGNEE or its attorneys or agents to insert the correct serial number and filing date into this assignment if none is indicated on that date of our execution of this assignment;

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Joint Assignment Page 2 of 2

Attorney Docket No. POE-008PR

AND, we do hereby authorize and request the Commissioner of Patents of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said ASSIGNEE, its successors, assigns, and legal representatives.

IN TESTIMONY WHEREOF, I have hereunto set my hand on this 26 day of Jan, 2015.

Inventor: Yair DARSHAN

Witness:

Vitness:

IN TESTIMONY WHEREOF, I have hereunto set my hand on this 20day of JAN, 2015.

Inventor:

RECORDED: 12/17/2015

Witness:

Witness:

PATENT

REEL: 037312 FRAME: 0289