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Atty Ref/Docket No.: 3050.050US1

Patent and Trademark Office

To the Director of the U.S. Patent and Trademark Office: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Harald Philipp and Esat Yilmaz

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

☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment ☐ Merger☐ Security Agreement ☐ Change of Name☐ OtherExecution Date: August 4, 2009, August 5, 2009

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

Name: Atmel Corporation

Street Address: 2325 Orchard Parkway

City: San Jose State: CA Zip: 95131Additional name(s) & address(es) attached? ☐ Yes ☒ No

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:

A. Patent Application No.(s)

B. Patent No.(s)

Serial No. 12/254,859, filed October 21, 2008

Additional numbers attached? ☐ Yes ☒ No

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

Name: Bradley A. Forrest

Address:

Schwegman, Lundberg & Woessner, P.A.

P.O. Box 2938

Minneapolis, MN 55402-0938

6. Total number of applications and patents involved: 17. Total fee (37 CFR 3.41): \$40.00☐ Enclosed☒ Authorized to be charged to deposit account
19-0743

8. Please charge any additional fees or credit any over payments to our Deposit Account No.: 19-0743

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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.

Bradley A. Forrest/Reg. No. 30,837

Name of Person Signing



Signature

8-19-2009

Date

Total number of pages including cover sheet: 4

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents and Trademarks
Mail Stop Assignment Recordation Services
 P.O. Box 1450
 Alexandria, VA 22313-1450

700415838

PATENT
REEL: 023120 FRAME: 0293

CH \$40.00 190743 12264859

ACKNOWLEDGEMENT by an Employee of the Right to apply for a Patent and AN ASSIGNMENT between

HARALD PHILIPP of c/o QRG LIMITED, 1 MITCHELL POINT, ENSIGN WAY, HAMBLE, HAMPSHIRE, SO31 4RF, UNITED KINGDOM, a national of the UNITED STATES OF AMERICA and GERMANY (hereinafter referred to as "Inventor PHILIPP");

ESAT YILMAZ of c/o QRG LIMITED, 1 MITCHELL POINT, ENSIGN WAY, HAMBLE, HAMPSHIRE, SO31 4RF, UNITED KINGDOM, a national of the UNITED KINGDOM (hereinafter referred to as "Inventor YILMAZ");

QRG LIMITED of c/o ROTHMAN PANTALL & CO., 10 ROMSEY ROAD, EASTLEIGH, HAMPSHIRE, SO50 9AL, UNITED KINGDOM, a corporation organized under the laws of England and Wales; AND

ATMEL CORPORATION of 2325 ORCHARD PARKWAY, SAN JOSE, CALIFORNIA, 95131, UNITED STATES OF AMERICA, a corporation organized under the laws of the State of Delaware, UNITED STATES OF AMERICA.

WHEREAS:

(A) Inventors PHILIPP and YILMAZ have made the Invention(s) and Improvement(s) described in U.S. patent application number 12/254,859 (Attorney Docket No. 3050.050US1) filed on October 21, 2008, entitled "SIGNAL PROCESSING" (hereinafter referred to as "the Invention");

(B) The Invention has been made during a period of Inventors PHILIPP's and YILMAZ's employment with QRG LIMITED in the course of their normal duties with QRG LIMITED and by virtue of the terms of their employment with QRG LIMITED, the Invention is to be taken as between QRG LIMITED and Inventors PHILIPP and YILMAZ, and to belong to QRG LIMITED;

(C) QRG LIMITED agrees pursuant to a Research and Development Service Agreement dated 3 February 2009 between QRG LIMITED and ATMEL CORPORATION to assign its rights to the Invention, the right to apply for a patent or patents relating to the said Invention, together with all rights, title, and interest in and arising therefrom to ATMEL CORPORATION.

NOW THIS AGREEMENT WITNESSES as follows:

1. Inventors PHILIPP and YILMAZ HEREBY ACKNOWLEDGE that their rights to the Invention and all rights therein including the right to apply for a patent or patents relating to the Invention belongs to QRG LIMITED, and pursuant thereto HEREBY ASSIGNS TO AND CONFIRMS the vesting in QRG LIMITED of:

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(a) the whole of the property in the Invention throughout the world and any protection obtained at any time therefor and all rights, title, and interest which the Inventors may have or have been entitled to therein including all rights to bring proceedings for infringement thereof together with the full and exclusive benefit thereof; and

(b) the right to apply for and obtain or to enable others to apply for and obtain a patent or patents or any other form of protection in respect of the Invention both in the United States of America and throughout the world.

2. In pursuance of the Agreement referred to in Recital (C), and for valuable consideration, the receipt of which is hereby confirmed, QRG LIMITED hereby assigns to ATMEL CORPORATION all its rights in the Invention including the right to apply for a patent or patents and to exploit the Invention or any patent or other protection obtained in respect thereof both in the United States of America and throughout the world TO HOLD the same unto ATMEL CORPORATION absolutely.

3. Inventors PHILIPP and YILMAZ hereby undertake to ATMEL CORPORATION that they will at the expense of ATMEL CORPORATION execute all documents and do all such acts and things as ATMEL CORPORATION may in its absolute discretion consider necessary or desirable to enable Letters Patent or any form of protection to be issued in respect of the Invention in any part or parts of the world and to vest the same in the name of ATMEL CORPORATION or its nominee free from all encumbrances and to enable or to assist ATMEL CORPORATION or its nominee to defend oppositions to grant thereof, to maintain the same when granted and to present and prosecute for the infringement thereof.

4. Inventors PHILIPP and YILMAZ hereby warrant to QRG LIMITED and to ATMEL CORPORATION:

(a) that they have not assigned or agreed to assign to any person, firm or company other than QRG LIMITED or ATMEL CORPORATION or otherwise encumbered the Invention or any other part of the rights therein and thereto;

(b) that they have not disclosed and will not disclose the Invention to any person, firm or company other than QRG LIMITED or ATMEL CORPORATION except as directed by QRG LIMITED or ATMEL CORPORATION;

(c) that they will give to QRG LIMITED or ATMEL CORPORATION all information in their possession or in their power relating to the Invention and the method of employing or using the same as QRG LIMITED or ATMEL CORPORATION shall require;

(d) that they know of no reason why a valid patent or valid patents relating to the Invention should not be granted either to themselves or to their successors in title.

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IN WITNESS thereof the parties have duly executed this document

SIGNED by Inventor PHILIPP:


HARALD PHILIPP4-8-09
Date


Witness

Name: 
KEITH O'BRIEN

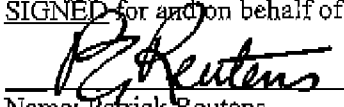
SIGNED by Inventor YILMAZ:


ESAT YILMAZ05-AUG-2009
Date

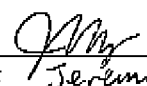
Witness

Name: 
KEITH O'BRIEN


SIGNED for and on behalf of QRG LIMITED:


Name: Patrick Reutens
Capacity: Director8/14/09
Date

Witness

Name: 
Jeremy Book

SIGNED for and on behalf of ATMEL CORPORATION: Witness


Name: Patrick Reutens
Capacity: Chief Legal Officer8/14/09
DateName: 
Jeremy Book

SCHWEGMAN ■ LUNDBERG ■ WOESSNER
PATENT, TRADEMARK & COPYRIGHT ATTORNEYS

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August 18, 2009

Time: 4:00
(Minneapolis, Minn.)TO: Commissioner for Patents
Attn: Assignment Recordation Services
Patent Examining Corps
Facsimile Center
P.O. Box 1450
Alexandria, VA 22313-1450

FROM: Bradley A. Forrest

OUR REF: 3050.050US1

FAX NUMBER 571-273-0140

Documents Transmitted:

Assignment (3 pages), Assignment Recordation Form Cover Sheet (1 page), authorization to charge Deposit Account No. 19-0743 in the amount of \$40.00 to cover the Assignment Recording Fee.Total pages of this transmission, including cover letter: (5 pgs)

If you do NOT receive all of the pages described above, please telephone us at 612-373-6900 or fax us at 612-339-3061.

In re. Patent Application of: Harald Philipp et al.

Examiner:

Serial No.: 12/254,859

Group Art Unit:

Filed: October 21, 2008

Docket No.: 3050.050US1

Title: SIGNAL PROCESSING

Please charge any additional fees or credit overpayment to Deposit Account No. 19-0743.

By: Bradley A. Forrest
Name: Bradley A. Forrest
Reg. No. 30,837

I hereby certify that this paper is being transmitted by facsimile to the U.S. Patent and Trademark Office on the date shown below.

Leshere R. Wolfe
Leshere R. Wolfe8-19-09
Date