

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Francesco Caggioni</td> <td>09/12/2013</td> </tr> <tr> <td>Dimitrios Giannakopoulos</td> <td>09/12/2013</td> </tr> </tbody> </table>		Name	Execution Date	Francesco Caggioni	09/12/2013	Dimitrios Giannakopoulos	09/12/2013				
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<table border="1"> <tr> <td>Name:</td> <td>APPLIED MICRO CIRCUITS CORPORATION</td> </tr> <tr> <td>Street Address:</td> <td>215 Moffett Park Drive</td> </tr> <tr> <td>City:</td> <td>Sunnyvale</td> </tr> <tr> <td>State/Country:</td> <td>CALIFORNIA</td> </tr> <tr> <td>Postal Code:</td> <td>94089</td> </tr> </table>		Name:	APPLIED MICRO CIRCUITS CORPORATION	Street Address:	215 Moffett Park Drive	City:	Sunnyvale	State/Country:	CALIFORNIA	Postal Code:	94089
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CORRESPONDENCE DATA											
<p>Fax Number: 2166968731 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 216-696-8730 Email: epas@thepatentattorneys.com Correspondent Name: Turocy & Watson, LLP Address Line 1: 57th Floor, Key Tower Address Line 2: 127 Public Square Address Line 4: Cleveland, OHIO 44114</p>											
ATTORNEY DOCKET NUMBER:	APPLIED_553/AMCCP200US										
NAME OF SUBMITTER:	Gregory Turocy										
Signature:	/Greg Turocy/										
Date:	09/16/2013										

OP \$40.00 14027518

This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 2

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**COMBINED OATH/DECLARATION AND ASSIGNMENT FOR U.S. PATENT
APPLICATION USING AN APPLICATION DATA SHEET**

As a below named inventor, I hereby declare that:

I believe I am the original inventor or an original joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:

Title: MAPPING A PLURALITY OF SIGNALS TO GENERATE A COMBINED
SIGNAL COMPRISING A HIGHER DATA RATE THAN A DATA RATE
ASSOCIATED WITH THE PLURALITY OF SIGNALS

the application of which is attached hereto unless the following is checked

_____ was filed on _____ as United States application Serial No. _____, or
as described and claimed in PCT International Application No. _____ filed
on _____ and amended on _____ (if any).

The above-identified application was made or authorized to be made by me.

Please direct all communications to the following address:

the address associated with Customer Number **109634**, and direct telephone calls to
Gregory Turocy of Turocy & Watson, LLP at 216-696-8730.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. Section 1001 by fine or imprisonment of not more than five (5) years, or both.

ASSIGNMENT

For good and valuable consideration received of the hereinafter named assignee, receipt of which is hereby acknowledged, the undersigned

Francesco Caggioni
160 Mount Vernon St.
Winchester, MA

Dimitrios Giannakopoulos
3 Greybitch Rd.
Andover, MA

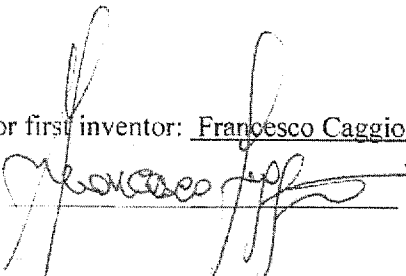
hereby sells and assign to Applied Micro Circuits Corporation, a Delaware corporation with a place of business at 215 Moffett Park Drive, Sunnyvale, CA 94089, U.S.A, its successors and assigns, the entire right, title and interest, so far as concerns the United States and the Territories and Possessions thereof and all foreign countries, in and to the inventions titled above for which application for United States Letters Patent is executed by the undersigned on the date below and is being filed concurrently herewith, said application for United States Letters Patent, any and all other applications for Letters

Patent on said inventions in countries foreign to the United States, including all divisional, renewal, substitute, continuation, Convention applications, reissue, reexamination, supplemental examination, inter partes review, post grant review, or other procedures thereof for the full term or terms for which the same may be granted based in whole or in part upon said inventions or upon said applications, and any and all Letters Patent and reissues and extensions of Letters Patent granted for said inventions or upon said applications, and every priority right that is or may be predicated upon or arise from said inventions, said applications and said Letters Patent; said assignee being hereby authorized to file patent applications in any or all countries on any or all said inventions in the name of the undersigned or in the name of said assignee or otherwise as said assignee may deem advisable, under the International Convention or otherwise; the Commissioner of Patents and Trademarks of the United States of America and the empowered officials of all other governments being hereby authorized to issue or transfer all said Letters Patent to said assignee in accordance herewith; this assignment being under covenant, not only that full power to make the same is had by the undersigned, but also that such assigned right is not encumbered by any grant, license, or other right heretofore given, and that the undersigned will do all acts reasonably serving to assure that said inventions, patent applications and Letters Patent shall be held and enjoyed by said assignee as fully and entirely as the same could have been held and enjoyed by the undersigned if this assignment had not been made, and particularly to execute and deliver to said assignee all lawful documents including petitions, specifications, oaths, assignments, invention disclaimers, and lawful affidavits in form and substance which may be requested by said assignee, to furnish said assignee with all facts relating to said inventions or the history thereof and any and all documents, photographs, models, samples or other physical exhibits which may be useful for establishing the facts of conception, disclosure and reduction to practice of said inventions, and to testify in any proceedings relating to said inventions, patent applications and Letters Patent.

The undersigned hereby appoint, request, and grant power to the following law firm to insert on this Assignment further identification which may be necessary or desirable in order to comply with the Rules of the U.S. Patent and Trademark Office for recordation of this document, for example, the U.S. Serial No. and filing date.

Turocy & Watson, LLP, 57th Floor - Key Tower, 127 Public Square, Cleveland, Ohio 44114.

Legal name of sole or first inventor: Francesco Caggioni

Inventor's signature: 

Date: 12/9/2013

Legal name of second inventor: Dimitrios Giannakopoulos

Inventor's signature: 

Date: 12 Sep 2013