PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT2993301

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
RAMESH KUMAR SINGH	08/19/2014
TARUN GUPTA	08/20/2014

RECEIVING PARTY DATA

Name:	APPLIED MICRO CIRCUITS CORPORATION
Street Address:	215 Moffett Park Drive
City:	Sunnyvale
State/Country:	CALIFORNIA
Postal Code:	94089

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14466316

CORRESPONDENCE DATA

Fax Number: (216)696-8731

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: 216-696-8730

Email: epas@thepatentattorneys.com

Correspondent Name: Address Line 1: F7TLLFLOOR KEY TOWER

Address Line 1: 57TH FLOOR, KEY TOWER

Address Line 2: 127 PUBLIC SQUARE
Address Line 4: CLEVELAND, OHIO 44114

ATTORNEY DOCKET NUMBER:	AMCCP236US
NAME OF SUBMITTER:	GREGORY TUROCY
SIGNATURE:	/Greg Turocy/
DATE SIGNED:	08/22/2014
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 4

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<u>PATFNT</u>

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: <u>DATA DEPENDENT JITTER REDUCTION OF SWITCH DRIVER SIGNALS</u> IN HIGH SPEED CURRENT STEERING DIGITAL-TO-ANALOG CONVERTERS

to unless the following is checked	
ted States application Serial Notional Application No.	, or
de or authorized to be made by me.	
following address:	
Uni rna d c ma	ereto unless the following is checked United States application Serial No. rnational Application No. id on (if any). made or authorized to be made by me. ne following address:

the address associated with Customer Number 109634, and direct telephone calls to Gregory Turocy of Amin, 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

Ramesh Kumar Singh 19990 Olivewood St., Unit D Cupertino, CA 95014

Tarun Gupta 4242 Tobin Circle Santa Clara, CA 95054

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,

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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.

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

Legal name of sole or first inventor: Ramesh Kumar S	ingh	
Inventor's signature:	Date: _	08/19/2014
Legal name of second inventor: Tarun Gupta		
Inventor's signature:	Date: _	

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: <u>DATA DEPENDENT JITTER REDUCTION OF SWITCH DRIVER SIGNALS</u>
<u>IN HIGH SPEED CURRENT STEERING DIGITAL-TO-ANALOG CONVERTERS</u>

the application of	which is attached hereto unless the fo	ollowing is checked	
was filed on _	as United States appl	lication Serial No.	, or
as described and c	laimed in PCT International Application	tion No.	filed
on	and amended on	(if any).	
The above-identifi	ed application was made or authorize	ed to be made by me.	
Please direct all co	mmunications to the following addre	ess:	

the address associated with Customer Number 109634, and direct telephone calls to Gregory Turocy of Amin, 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.

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Ramesh Kumar Singh 19990 Olivewood St., Unit D Cupertino, CA 95014

Tarun Gupta 4242 Tobin Circle Santa Clara, CA 95054

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,

PATENT REEL: 033592 FRAME: 0448 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.

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Legal name of sole or first inventor: Ramesh Kumar S	Singh	
Inventor's signature:	Date:	
Legal name of second inventor: Tarun Gupta		
Inventor's signature: Taum Cupte	Date: 08 20 1 4	

PATENT REEL: 033592 FRAME: 0449