

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT3763530

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
GABRIELE MANGANARO	02/26/2016
GIL ENGEL	03/01/2016
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<b>City:</b>	Norwood
<b>State/Country:</b>	MASSACHUSETTS
<b>Postal Code:</b>	02062
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15058008
<b>CORRESPONDENCE DATA</b>	
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<b>Address Line 4:</b>	ROCKWALL, TEXAS 75032
<b>ATTORNEY DOCKET NUMBER:</b>	26256.0410-NP (APD5610-1)
<b>NAME OF SUBMITTER:</b>	SHIRLEY S. FUNG
<b>SIGNATURE:</b>	/Shirley S. Fung/
<b>DATE SIGNED:</b>	03/01/2016
<b>Total Attachments: 3</b>	
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source=26256-0410-NP-FILED-2016-03-01-Assignments#page3.tif	

**ASSIGNMENT**

**WHEREAS**, I am a named inventor, GABRIELE MANGANARO and GIL ENGEL of residence listed below, having invented certain new and useful improvements as described in an application for United States Letters Patent entitled "RANDOMIZED QUAD SWITCHING," (hereinafter referred to as "Application"); and

**WHEREAS**, I hereby authorize and request the attorneys or agents associated with United States Patent and Trademark Office Customer No. 110506 to insert here in parentheses (Ser. No. 15/058,008; Filing Date: March 1, 2016) the filing date and application number of said application when known.

**WHEREAS**, Analog Devices, Inc. (hereinafter referred to as "Assignee"), a Massachusetts Corporation, with an address of One Technology Way, Norwood, MA 02062, desires to acquire my entire right, title and interest in and to the invention, and in and to the said application and any Letters Patent that may issue thereon;

**NOW, THEREFORE**, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I assign to Assignee, all right, title and interest in and to said invention and in and to said application and all patents which may be granted therefore, and all provisional, divisions, reissues, continuations, continuations-in-part and extensions thereof; and I hereby authorize and request the Commissioner of Patents and Trademarks to issue all patents for said invention, or patents resulting therefrom, insofar as my interest is concerned, to Assignee.

I also assign to Assignee, all right, title and interest to the invention disclosed in said application throughout the world, including the right to file applications and obtain patents, utility models, industrial models and designs for said invention in its own name throughout the world including all rights to publish cautionary notices reserving ownership of said invention and all rights to register said invention in appropriate registries; and I further agree to execute any and all powers of attorney, applications, assignments, declarations, affidavits, and any other papers in connection therewith necessary to perfect such right, title and interest in Assignee.

I will communicate to Assignee any facts known to me respecting any improvements; and, at the expense of Assignee, I will testify in any legal proceedings, sign all lawful papers, execute all provisional, divisional, continuation, continuation-in-part, reissue and substitute applications, make lawful oaths and declarations, and generally do everything possible to vest title in Assignee and to aid Assignee to obtain and enforce proper protection for said invention in all countries.

This Assignment shall be binding on the parties' successors, assigns and legal representatives.

ATTORNEY DOCKET NO.  
26256.0410-NP (APD5160-1)

ASSIGNMENT

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Title of Invention:

RANDOMIZED QUAD SWITCHING

Full name of inventor:

GABRIELE MANGANARO

Inventor's signature:



Date:

2/26/2014

Post Office Address:

22 RAVINE ROAD  
WINCHESTER, MA 01890

ATTORNEY DOCKET NO.  
26256.0410-NP (APD5160-1)

ASSIGNMENT

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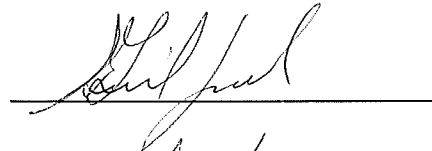
Title of Invention:

RANDOMIZED QUAD SWITCHING

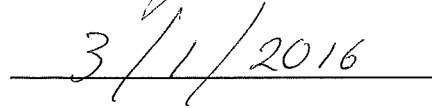
Full name of inventor:

GIL ENGEL

Inventor's signature:

A handwritten signature in cursive script, appearing to read "Gil Engel", is written over a horizontal line.

Date:

A handwritten date "3/1/2016" is written over a horizontal line.

Post Office Address:

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LEXINGTON, MA 02420