

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4174872

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
STEVEN HUANG	12/05/2016
ALI MESGARANI	12/05/2016
DANIEL VAN BLERKOM	12/05/2016
RECEIVING PARTY DATA	
Name:	FORZA SILICON CORPORATION
Street Address:	2947 BRADLEY STREET
Internal Address:	SUITE 130
City:	PASADENA
State/Country:	CALIFORNIA
Postal Code:	91107
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14323998
CORRESPONDENCE DATA	
Fax Number:	(212)588-0500
<i>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.</i>	
Phone:	212 588 0800
Email:	Prosecutiondocketing@flhlaw.com
Correspondent Name:	FROMMER LAWRENCE & HAUG LLP
Address Line 1:	745 FIFTH AVENUE
Address Line 4:	NEW YORK, NEW YORK 10151
ATTORNEY DOCKET NUMBER:	339008-2004.1
NAME OF SUBMITTER:	DAVID V. ROSSI
SIGNATURE:	/David V. Rossi/
DATE SIGNED:	12/07/2016
Total Attachments: 6	
source=01700430#page1.tif	
source=01700430#page2.tif	
source=01700430#page3.tif	

source=01700430#page4.tif

source=01700430#page5.tif

source=01700430#page6.tif

PATENT

REEL: 040593 FRAME: 0460

NUNC PRO TUNC ASSIGNMENT

WHEREAS, I, as below named inventor, residing at the address stated next to my name, am a sole inventor (if only one name is listed below) or a joint inventor (if plural names are listed below) of certain new and useful inventions disclosed in (i) an application for Letters Patent of the United States of America, filed **July 3, 2014**, assigned Application No. **14/323,998**, and entitled **ANALOG TO DIGITAL CONVERTER WITH REDUNDANCY FOR IMAGE SENSOR READOUT**, and (ii) a provisional application for Letters Patent of the United States of America, filed July 3, 2013, and assigned Application No. 61/842,623, and entitled **ANALOG TO DIGITAL CONVERTER WITH REDUNDANCY FOR IMAGE SENSOR READOUT**, (hereinafter, "said applications");

AND WHEREAS, FORZA SILICON CORPORATION, a California corporation, with a place of business at 2947 Bradley Street, Suite 130, Pasadena, California 91107 U.S.A., (hereinafter referred to as ASSIGNEE), is desirous of acquiring all rights, title and interest in, to and under said inventions (including all inventions disclosed in said applications), said applications disclosing the inventions, and any Letters Patent or similar legal protection which may be granted therefor in the United States and in any and all foreign countries;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, as a sole or joint inventor as indicated below, by these presents do hereby assign, sell, and transfer unto said ASSIGNEE, its successors, assigns, and legal representatives, *nunc pro tunc*, effective as of July 3, 2013, my entire right, title, and interest in, to and under said inventions and said applications, including (a) the right to apply for additional patents in the United States of America and in all foreign countries for said inventions, (b) all applications for patents for said inventions or based on said applications in all countries, now filed or to be filed, including all divisional, renewal, substitute, continuation, continuation-in-part and convention applications based in whole or in part upon said inventions or upon said applications, (c) all patents which may issue on said inventions and on said applications transferred by this Assignment in the United States and foreign countries, and any and all reissues, extensions, divisions, renewals, substitutes, continuations or continuations-in-part of patents granted for said inventions or upon said applications, for the full term or terms for which the patents may be issued, (d) every priority right that is or may be predicated upon or arise from said inventions and said applications under any applicable international or bilateral treaty, agreement or convention, and (e) any other benefits accruing or to accrue to me with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto.

And I hereby authorize said ASSIGNEE to file patent applications in all countries for any or all of said inventions in my name, or in ASSIGNEE's name, as may be required under any international or bilateral treaty, agreement or convention, or otherwise;

And I further agree to execute without further remuneration all necessary or desirable and lawful future documents, as ASSIGNEE or its successors, assigns and legal representatives may from time-to-time present to me, relating to (a) obtaining and/or enforcing patent or similar legal protection for said inventions in any country worldwide, including for application for foreign patents, for filing subdivisions of said applications for patent, and/or for obtaining any reissue or reissues of any patent which may be granted for my aforesaid inventions, as the ASSIGNEE thereof shall hereafter require and prepare at its own expense, and/or (b) perfecting title in said inventions, modifications to and/or improvements in said inventions, and any applications or patents relating thereto in any country worldwide.

And I further agree to, upon request of ASSIGNEE, (a) promptly provide any and all facts and documents, as may be known and accessible to me, relating to said applications and said inventions, (b) testify as to the same in any legal proceeding (including patent office proceedings) related thereto, and (c) generally do all further acts which may be reasonably necessary to obtain and enforce proper patent protection for said inventions in all countries worldwide, provided, however, that the Assignee shall be responsible for all costs and expenses incurred by me with respect to Assignee's efforts to obtain and/or enforce a patent or similar legal protection for said inventions or application;

And I hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale.

And I hereby authorize and grant the power to the attorneys of the law firm of Frommer Lawrence & Haug LLP, to insert on this assignment any identification or indicia which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

If any part of this Assignment shall be held by a court of competent jurisdiction to be void, invalid or inoperative, the remaining provisions of this Assignment shall not be affected and shall continue in effect, and the invalid provision shall be deemed modified to the least degree necessary to remedy such invalidity.

The remainder of this page intentionally left blank

This Assignment may be executed in several counterparts (if plural names are listed below), each of which will be an original, but all of which, when taken together, will constitute one and the same instrument.

I have executed this assignment on the date indicated below beside my signature.

Steven Huang

Pasadena, California

Name of sole or 1st inventor

Residence of sole or 1st inventor

Signature of sole or 1st inventor

Date of this assignment

Notarized:

STATE OF _____)

) ss.:

COUNTY OF _____)

On _____, 2016, before me, the undersigned, personally appeared **Steven Huang**, personally known to me or proved to me on the basis of satisfactory evidence to be the individual whose name is subscribed to the within instrument and acknowledged to me that he or she executed the same in his capacity, and that by his or her signature on the instrument, the individual, or the person upon behalf of which the individual acted, executed the instrument.

Signature and Office of individual taking acknowledgment

Witnessed:

I, the undersigned witness, was personally present and did see **Steven Huang**, who is known to me, execute the above assignment.

Witnessed By: _____
(witness signature)

(printed or typed witness name)

Witnessed By: _____
(witness signature)

(printed or typed witness name)

The remainder of this page intentionally left blank

NUNC PRO TUNC ASSIGNMENT

WHEREAS, I, as below named inventor, residing at the address stated next to my name, am a sole inventor (if only one name is listed below) or a joint inventor (if plural names are listed below) of certain new and useful inventions disclosed in (i) an application for Letters Patent of the United States of America, filed **July 3, 2014**, assigned Application No. **14/323,998**, and entitled **ANALOG TO DIGITAL CONVERTER WITH REDUNDANCY FOR IMAGE SENSOR READOUT**, and (ii) a provisional application for Letters Patent of the United States of America, filed July 3, 2013, and assigned Application No. 61/842,623, and entitled **ANALOG TO DIGITAL CONVERTER WITH REDUNDANCY FOR IMAGE SENSOR READOUT**, (hereinafter, "said applications");

AND WHEREAS, FORZA SILICON CORPORATION, a California corporation, with a place of business at 2947 Bradley Street, Suite 130, Pasadena, California 91107 U.S.A., (hereinafter referred to as ASSIGNEE), is desirous of acquiring all rights, title and interest in, to and under said inventions (including all inventions disclosed in said applications), said applications disclosing the inventions, and any Letters Patent or similar legal protection which may be granted therefor in the United States and in any and all foreign countries;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, as a sole or joint inventor as indicated below, by these presents do hereby assign, sell, and transfer unto said ASSIGNEE, its successors, assigns, and legal representatives, *nunc pro tunc*, effective as of July 3, 2013, my entire right, title, and interest in, to and under said inventions and said applications, including (a) the right to apply for additional patents in the United States of America and in all foreign countries for said inventions, (b) all applications for patents for said inventions or based on said applications in all countries, now filed or to be filed, including all divisional, renewal, substitute, continuation, continuation-in-part and convention applications based in whole or in part upon said inventions or upon said applications, (c) all patents which may issue on said inventions and on said applications transferred by this Assignment in the United States and foreign countries, and any and all reissues, extensions, divisions, renewals, substitutes, continuations or continuations-in-part of patents granted for said inventions or upon said applications, for the full term or terms for which the patents may be issued, (d) every priority right that is or may be predicated upon or arise from said inventions and said applications under any applicable international or bilateral treaty, agreement or convention, and (e) any other benefits accruing or to accrue to me with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto.

And I hereby authorize said ASSIGNEE to file patent applications in all countries for any or all of said inventions in my name, or in ASSIGNEE's name, as may be required under any international or bilateral treaty, agreement or convention, or otherwise;

And I further agree to execute without further remuneration all necessary or desirable and lawful future documents, as ASSIGNEE or its successors, assigns and legal representatives may from time-to-time present to me, relating to (a) obtaining and/or enforcing patent or similar legal protection for said inventions in any country worldwide, including for application for foreign patents, for filing subdivisions of said applications for patent, and/or for obtaining any reissue or reissues of any patent which may be granted for my aforesaid inventions, as the ASSIGNEE thereof shall hereafter require and prepare at its own expense, and/or (b) perfecting title in said inventions, modifications to and/or improvements in said inventions, and any applications or patents relating thereto in any country worldwide.

And I further agree to, upon request of ASSIGNEE, (a) promptly provide any and all facts and documents, as may be known and accessible to me, relating to said applications and said inventions, (b) testify as to the same in any legal proceeding (including patent office proceedings) related thereto, and (c) generally do all further acts which may be reasonably necessary to obtain and enforce proper patent protection for said inventions in all countries worldwide, provided, however, that the Assignee shall be responsible for all costs and expenses incurred by me with respect to Assignee's efforts to obtain and/or enforce a patent or similar legal protection for said inventions or application;

And I hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale.

And I hereby authorize and grant the power to the attorneys of the law firm of Frommer Lawrence & Haug LLP, to insert on this assignment any identification or indicia which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

If any part of this Assignment shall be held by a court of competent jurisdiction to be void, invalid or inoperative, the remaining provisions of this Assignment shall not be affected and shall continue in effect, and the invalid provision shall be deemed modified to the least degree necessary to remedy such invalidity.

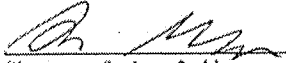
The remainder of this page intentionally left blank

Ali Mesgarani

Pasadena, California

Name of sole or 2nd inventor

Residence of sole or 2nd inventor


Signature of sole or 2nd inventor

12/05/2016
Date of this assignment

Notarized:

STATE OF _____)

) ss.:

COUNTY OF _____)

On _____, 2016, before me, the undersigned, personally appeared **Ali Mesgarani**, personally known to me or proved to me on the basis of satisfactory evidence to be the individual whose name is subscribed to the within instrument and acknowledged to me that he or she executed the same in his capacity, and that by his or her signature on the instrument, the individual, or the person upon behalf of which the individual acted, executed the instrument.

Signature and Office of individual taking acknowledgment

Witnessed:

I, the undersigned witness, was personally present and did see **Ali Mesgarani**, who is known to me, execute the above assignment.

Witnessed By: _____
(witness signature)

(printed or typed witness name)

Witnessed By: _____
(witness signature)

(printed or typed witness name)

Daniel Van Blerkom

Name of sole or 3rd inventor

Residence of sole or 3rd inventor

Signature of sole or 2nd inventor

Date of this assignment

Notarized:

STATE OF _____)

) ss.:

COUNTY OF _____)

On _____, 2016, before me, the undersigned, personally appeared **Daniel Van Blerkom**, personally known to me or proved to me on the basis of satisfactory evidence to be the individual whose name is subscribed to the within instrument and acknowledged to me that he or she executed the same in his capacity, and that by his or her signature on the instrument, the individual, or the person upon behalf of which the individual acted, executed the instrument.

Signature and Office of individual taking acknowledgment

Witnessed:

I, the undersigned witness, was personally present and did see **Daniel Van Blerkom**, who is known to me, execute the above assignment.

Witnessed By: _____
(witness signature)

(printed or typed witness name)

Witnessed By: _____
(witness signature)

(printed or typed witness name)

NUNC PRO TUNC ASSIGNMENT

WHEREAS, I, as below named inventor, residing at the address stated next to my name, am a sole inventor (if only one name is listed below) or a joint inventor (if plural names are listed below) of certain new and useful inventions disclosed in (i) an application for Letters Patent of the United States of America, filed **July 3, 2014**, assigned Application No. **14/323,998**, and entitled **ANALOG TO DIGITAL CONVERTER WITH REDUNDANCY FOR IMAGE SENSOR READOUT**, and (ii) a provisional application for Letters Patent of the United States of America, filed July 3, 2013, and assigned Application No. 61/842,623, and entitled **ANALOG TO DIGITAL CONVERTER WITH REDUNDANCY FOR IMAGE SENSOR READOUT**, (hereinafter, "said applications");

AND WHEREAS, FORZA SILICON CORPORATION, a California corporation, with a place of business at 2947 Bradley Street, Suite 130, Pasadena, California 91107 U.S.A., (hereinafter referred to as ASSIGNEE), is desirous of acquiring all rights, title and interest in, to and under said inventions (including all inventions disclosed in said applications), said applications disclosing the inventions, and any Letters Patent or similar legal protection which may be granted therefor in the United States and in any and all foreign countries;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, as a sole or joint inventor as indicated below, by these presents do hereby assign, sell, and transfer unto said ASSIGNEE, its successors, assigns, and legal representatives, *nunc pro tunc*, effective as of July 3, 2013, my entire right, title, and interest in, to and under said inventions and said applications, including (a) the right to apply for additional patents in the United States of America and in all foreign countries for said inventions, (b) all applications for patents for said inventions or based on said applications in all countries, now filed or to be filed, including all divisional, renewal, substitute, continuation, continuation-in-part and convention applications based in whole or in part upon said inventions or upon said applications, (c) all patents which may issue on said inventions and on said applications transferred by this Assignment in the United States and foreign countries, and any and all reissues, extensions, divisions, renewals, substitutes, continuations or continuations-in-part of patents granted for said inventions or upon said applications, for the full term or terms for which the patents may be issued, (d) every priority right that is or may be predicated upon or arise from said inventions and said applications under any applicable international or bilateral treaty, agreement or convention, and (e) any other benefits accruing or to accrue to me with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto.

And I hereby authorize said ASSIGNEE to file patent applications in all countries for any or all of said inventions in my name, or in ASSIGNEE's name, as may be required under any international or bilateral treaty, agreement or convention, or otherwise;

And I further agree to execute without further remuneration all necessary or desirable and lawful future documents, as ASSIGNEE or its successors, assigns and legal representatives may from time-to-time present to me, relating to (a) obtaining and/or enforcing patent or similar legal protection for said inventions in any country worldwide, including for application for foreign patents, for filing subdivisions of said applications for patent, and/or for obtaining any reissue or reissues of any patent which may be granted for my aforesaid inventions, as the ASSIGNEE thereof shall hereafter require and prepare at its own expense, and/or (b) perfecting title in said inventions, modifications to and/or improvements in said inventions, and any applications or patents relating thereto in any country worldwide.

And I further agree to, upon request of ASSIGNEE, (a) promptly provide any and all facts and documents, as may be known and accessible to me, relating to said applications and said inventions, (b) testify as to the same in any legal proceeding (including patent office proceedings) related thereto, and (c) generally do all further acts which may be reasonably necessary to obtain and enforce proper patent protection for said inventions in all countries worldwide, provided, however, that the Assignee shall be responsible for all costs and expenses incurred by me with respect to Assignee's efforts to obtain and/or enforce a patent or similar legal protection for said inventions or application;

And I hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale.

And I hereby authorize and grant the power to the attorneys of the law firm of Frommer Lawrence & Haug LLP, to insert on this assignment any identification or indicia which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

If any part of this Assignment shall be held by a court of competent jurisdiction to be void, invalid or inoperative, the remaining provisions of this Assignment shall not be affected and shall continue in effect, and the invalid provision shall be deemed modified to the least degree necessary to remedy such invalidity.

The remainder of this page intentionally left blank

Ali Mesgarani

Name of sole or 2nd inventor

Pasadena, California

Residence of sole or 2nd inventor

Signature of sole or 2nd inventor

Date of this assignment

Notarized:

STATE OF _____)

) ss.:

COUNTY OF _____)

On _____, 2016, before me, the undersigned, personally appeared **Ali Mesgarani**, personally known to me or proved to me on the basis of satisfactory evidence to be the individual whose name is subscribed to the within instrument and acknowledged to me that he or she executed the same in his capacity, and that by his or her signature on the instrument, the individual, or the person upon behalf of which the individual acted, executed the instrument.

Signature and Office of individual taking acknowledgment

Witnessed:

I, the undersigned witness, was personally present and did see **Ali Mesgarani**, who is known to me, execute the above assignment.

Witnessed By: _____
(witness signature)

(printed or typed witness name)

Witnessed By: _____
(witness signature)

(printed or typed witness name)

Daniel Van Blerkom

Name of sole or 3rd inventor

1810 Harding Ave, Altadena, CA 91001

Residence of sole or 3rd inventor



December 5, 2016

Signature of sole or 2nd inventor

Date of this assignment

Notarized:

STATE OF _____)

) ss.:

COUNTY OF _____)

On _____, 2016, before me, the undersigned, personally appeared **Daniel Van Blerkom**, personally known to me or proved to me on the basis of satisfactory evidence to be the individual whose name is subscribed to the within instrument and acknowledged to me that he or she executed the same in his capacity, and that by his or her signature on the instrument, the individual, or the person upon behalf of which the individual acted, executed the instrument.

Signature and Office of individual taking acknowledgment

Witnessed:

I, the undersigned witness, was personally present and did see **Daniel Van Blerkom**, who is known to me, execute the above assignment.

Witnessed By: _____
(witness signature)

(printed or typed witness name)

Witnessed By: _____
(witness signature)

(printed or typed witness name)