

PATENT ASSIGNMENT COVER SHEET

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| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| KAILIANG CHEN | 09/29/2014 |
| CHARLES G. SODINI | 11/21/2014 |
| RECEIVING PARTY DATA | |
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| Postal Code: | 02139 |
| PROPERTY NUMBERS Total: 2 | |
| Property Type | Number |
| Application Number: | 14497150 |
| PCT Number: | US2014057536 |
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| ATTORNEY DOCKET NUMBER: | MAR.MIT.107Z1; PCT |
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| SIGNATURE: | /sarah j. knight/ |
| DATE SIGNED: | 12/04/2014 |
| Total Attachments: 3 | |
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| source=Assignment-AF#page3.tif | |

ASSIGNMENT

WHEREAS, we, the undersigned, residing at the indicated addresses given below, have invented certain new and useful improvements disclosed and/or claimed in a patent application entitled **APPLICATION SPECIFIC INTEGRATED CIRCUIT WITH COLUMN-ROW-PARALLEL ARCHITECTURE FOR ULTRASONIC IMAGING** which was filed as:

U.S. Application No. 14/497,150, filed September 25, 2014, and

PCT Application No. PCT/US2014/057536, filed September 25, 2014;

WHEREAS, by virtue of our employment/appointment with the MASSACHUSETTS INSTITUTE OF TECHNOLOGY, we have assigned all our rights in the said invention to the MASSACHUSETTS INSTITUTE OF TECHNOLOGY or its designee;

WHEREAS, the MASSACHUSETTS INSTITUTE OF TECHNOLOGY, a non-profit Commonwealth of Massachusetts corporation having an office at 77 Massachusetts Avenue, Cambridge, MA 02139, to be the assignee of the entire right, title and interest in and to the said invention;

WHEREAS, the MASSACHUSETTS INSTITUTE OF TECHNOLOGY is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent which may be granted therefor in the United States and in any and all foreign countries;

NOW, THEREFORE, in view of good and valuable consideration, the sufficiency and receipt of which is hereby acknowledged, we, the undersigned, have sold, assigned, and transferred, and by these presents do sell, assign, and transfer, unto said MASSACHUSETTS INSTITUTE OF TECHNOLOGY, its successors and assigns, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries and the entire right, title, and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, and extensions thereof.

We hereby authorize and request the Patent Office Officials in the United States and in any and all foreign countries to issue any and all of said Letters Patent, when granted, to said MASSACHUSETTS INSTITUTE OF TECHNOLOGY, as the assignee of the entire right, title and interest in and to the same, for the sole use and behalf of said MASSACHUSETTS INSTITUTE OF TECHNOLOGY, its successors and assigns.

FURTHER, we agree that we will communicate to said MASSACHUSETTS INSTITUTE OF TECHNOLOGY, or its representatives, any facts known to me respecting said invention; testify in any legal proceedings; sign all lawful papers; execute all divisional, continuation, substitution, renewal, and reissue applications; execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said MASSACHUSETTS INSTITUTE OF TECHNOLOGY; make all rightful oaths; and generally do everything possible to aid the said MASSACHUSETTS INSTITUTE OF TECHNOLOGY, its successors and assigns, to obtain and enforce proper protection for said invention in the United States and in any and all foreign countries.

IN TESTIMONY WHEREOF, I have hereunto set my hand this 29 day of September, 2014.

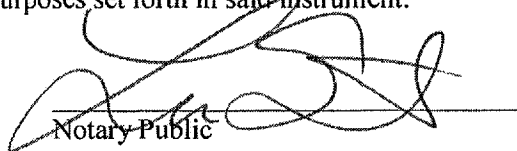
Signed


KAILIANG CHEN

Address: 540 Memorial Drive #509
Cambridge, MA 02139

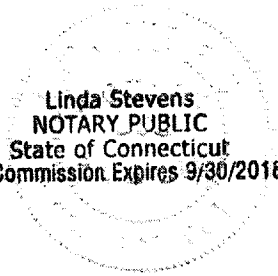
Connecticut is
State of ~~Massachusetts~~
County of Middlesex

On this 29th day of September, 2014, personally appeared before me the above-named KAILIANG CHEN, to me known to be the person described in the foregoing instrument, who executed the foregoing instrument, and who acknowledged the same to be his/her free act and deed in and for the purposes set forth in said instrument.


Notary Public

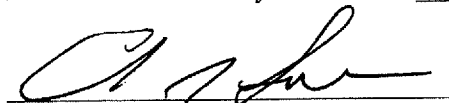
My Commission Expires:

SEAL


Linda Stevens
NOTARY PUBLIC
State of Connecticut
My Commission Expires 9/30/2018

IN TESTIMONY WHEREOF, I have hereunto set my hand this 21st day of November, 2014.

Signed



CHARLES G. SODINI

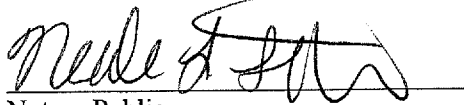
Address:

37 Larch Circle
Belmont, MA 02478

State of Massachusetts)

County of middlesex)

On this 21st day of November, 2014, personally appeared before me the above-named CHARLES G. SODINI, to me known to be the person described in the foregoing instrument, who executed the foregoing instrument, and who acknowledged the same to be his/her free act and deed in and for the purposes set forth in said instrument.



Notary Public

My Commission Expires:

12-30-2016

SEAL

