

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT4240497

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
XIAO SUN	01/16/2017
TSO-PING MA	01/09/2017
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	YALE UNIVERSITY
<b>Street Address:</b>	TWO WHITNEY AVENUE
<b>City:</b>	NEW HAVEN
<b>State/Country:</b>	CONNECTICUT
<b>Postal Code:</b>	06511
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15316007
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(203)399-5822
<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>	
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<b>ATTORNEY DOCKET NUMBER:</b>	98199.00099
<b>NAME OF SUBMITTER:</b>	BASAM E. NABULSI
<b>SIGNATURE:</b>	/BASAM E. NABULSI/
<b>DATE SIGNED:</b>	01/24/2017
<b>Total Attachments: 6</b>	
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ASSIGNMENT

WHEREAS, Xiao Sun, having an address at 15 Prospect Street, New Haven, CT 06511 and Tso-Ping Ma, having an address at 169 Northford Road, Branford, CT 06405 (collectively "Assignors"), are inventors of certain new and useful improvements in U.S. Patent Application Serial No. 15/316,007 filed December 2, 2016, entitled Bootstrapping Circuit and Unipolar Logic Circuit Using the Same; and

WHEREAS, YALE UNIVERSITY of Two Whitney Avenue, New Haven, CT 06511, a corporation organized and existing under the laws of the state of Connecticut, hereinafter referred to as Assignee, is desirous of formalizing its ownership of the entire right, title and interest in and to said invention, and in and to the Letters Patent granted therefor in the United States and its territorial possessions and in any and all foreign countries, from Assignors;

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, Assignors by these present do sell, assign, and transfer unto said Assignee, the full and exclusive right in and to said invention as described in the above patent application, for the territory of the United States and its possessions and territories and all foreign countries; and in and to the above patent application and any and all related United States and foreign patent applications disclosing said invention, including provisionals, non-provisionals, divisions and continuations thereof, all PCT and national phase applications, along with all rights of priority created by said patent application under any treaty relating thereto, including the right to claim priority to said patent application, *e.g.*, under the International Convention for the Protection of Industrial Property and the European Patent Convention; and

Assignors hereby authorize and request the Patent and Trademark Office officials in the United States and its territorial possessions and in any and all foreign countries to assign any and all of said Letters Patent, to said Assignee as Assignors' entire right, title and interest in and to the same, for the sole use and benefit of said Assignee, its successors and assigns, to the full end of the term for which said Letters Patent may be granted, as

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fully and as entirely as the same would have been held by Assignors had this Assignment not been made.

Further Assignors agree that they will communicate to said Assignee or to its representatives any facts known to them respecting said invention and testify in any legal proceeding, sign all lawful papers, execute all non-provisional, divisional, continuation, substitute, reexamination, renewal, and reissue applications, execute all necessary assignment papers to cause any and all said Letters Patent to be issued to said Assignee, make rightful oaths, and generally do everything possible to aid said Assignee, its successors, and assigns to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

Assignors acknowledge an obligation of assignment of this invention to Assignee at the time the invention was made.

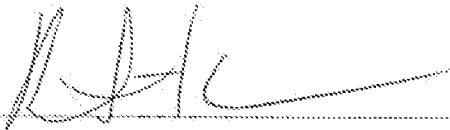
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Executed this 16th day of Jan, 2017.

  
Xiao Sun

United States of America )  
State of NEW YORK )  
County of WESTCHESTER )

On this 16th day of JANUARY, 2017 before me, the  
the undersigned notary public, personally appeared Xiao Sun  
(name of document signer), proved to me through satisfactory evidence of identification,  
which was DRIVERS LICENSE, to be the person whose name  
is signed on the preceding or attached document in my presence.



(official signature and seal of notary)

My commission expires NOVEMBER, 1, 2020.

REGINA SANTOSPIRITO  
Notary Public, State of New York  
No. 012AS115171  
Qualified in Westchester County  
Commission Expires November 01, 2020

**ASSIGNMENT**

WHEREAS, Xiao Sun, having an address at 15 Prospect Street, New Haven, CT 06511 and Tso-Ping Ma, having an address at 169 Northford Road, Branford, CT 06405 (collectively "Assignors"), are inventors of certain new and useful improvements in U.S. Patent Application Serial No. 15/316,007 filed December 2, 2016, entitled Bootstrapping Circuit and Unipolar Logic Circuit Using the Same; and

WHEREAS, YALE UNIVERSITY of Two Whitney Avenue, New Haven, CT 06511, a corporation organized and existing under the laws of the state of Connecticut, hereinafter referred to as Assignee, is desirous of formalizing its ownership of the entire right, title and interest in and to said invention, and in and to the Letters Patent granted therefor in the United States and its territorial possessions and in any and all foreign countries, from Assignors;

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, Assignors by these present do sell, assign, and transfer unto said Assignee, the full and exclusive right in and to said invention as described in the above patent application, for the territory of the United States and its possessions and territories and all foreign countries; and in and to the above patent application and any and all related United States and foreign patent applications disclosing said invention, including provisionals, non-provisionals, divisions and continuations thereof, all PCT and national phase applications, along with all rights of priority created by said patent application under any treaty relating thereto, including the right to claim priority to said patent application, *e.g.*, under the International Convention for the Protection of Industrial Property and the European Patent Convention; and

Assignors hereby authorize and request the Patent and Trademark Office officials in the United States and its territorial possessions and in any and all foreign countries to assign any and all of said Letters Patent, to said Assignee as Assignors' entire right, title and interest in and to the same, for the sole use and benefit of said Assignee, its successors and assigns, to the full end of the term for which said Letters Patent may be granted, as

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fully and as entirely as the same would have been held by Assignors had this Assignment not been made.

Further Assignors agree that they will communicate to said Assignee or to its representatives any facts known to them respecting said invention and testify in any legal proceeding, sign all lawful papers, execute all non-provisional, divisional, continuation, substitute, reexamination, renewal, and reissue applications, execute all necessary assignment papers to cause any and all said Letters Patent to be issued to said Assignee, make rightful oaths, and generally do everything possible to aid said Assignee, its successors, and assigns to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.


Assignors acknowledge an obligation of assignment of this invention to Assignee at the time the invention was made.

Executed this 9th day of January, 2017.

  
Tso-Ping Ma

United States of America )  
State of Connecticut )  
County of Newtown )

On this 9th day of January, 2017 before me, the  
the undersigned notary public, personally appeared Tso-Ping Ma  
(name of document signer), proved to me through satisfactory evidence of identification,  
which was known to me, to be the person whose name  
is signed on the preceding or attached document in my presence.

 (official signature and seal of notary)

My commission expires April 30, 2020

