506419464 12/23/2020

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6466221

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SASIKANTH MANIPATRUNI	01/31/2020
YUAN-SHENG FANG	01/29/2020
ROBERT MENEZES	01/30/2020
RAJEEV KUMAR DOKANIA	01/29/2020
GAURAV THAREJA	01/28/2020
RAMAMOORTHY RAMESH	01/31/2020
AMRITA MATHURIYA	01/30/2020

RECEIVING PARTY DATA

Name:	KEPLER COMPUTING INC.
Street Address:	180 STEUART STREET #192524
City:	SAN FRANCISCO
State/Country:	CALIFORNIA
Postal Code:	94105

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17129824

CORRESPONDENCE DATA

Fax Number:

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: 5039688233

Email: kcampbell@ghmip.com

Correspondent Name: GREEN, HOWARD, & MUGHAL LLP

Address Line 1: 5 CENTERPOINTE DR.

Address Line 2: SUITE 400

Address Line 4: LAKE OSWEGO, OREGON 97035

ATTORNEY DOCKET NUMBER:	12.P012US
NAME OF SUBMITTER:	KATHERINE R. CAMPBELL
SIGNATURE:	/Katherine R. Campbell/
DATE SIGNED:	12/23/2020

Total Attachments: 14 source=12P012US_EXEC_ASSIGN#page1.tif source=12P012US_EXEC_ASSIGN#page3.tif source=12P012US_EXEC_ASSIGN#page4.tif source=12P012US_EXEC_ASSIGN#page5.tif source=12P012US_EXEC_ASSIGN#page5.tif source=12P012US_EXEC_ASSIGN#page6.tif source=12P012US_EXEC_ASSIGN#page7.tif source=12P012US_EXEC_ASSIGN#page8.tif source=12P012US_EXEC_ASSIGN#page9.tif source=12P012US_EXEC_ASSIGN#page10.tif source=12P012US_EXEC_ASSIGN#page11.tif source=12P012US_EXEC_ASSIGN#page12.tif source=12P012US_EXEC_ASSIGN#page13.tif source=12P012US_EXEC_ASSIGN#page13.tif source=12P012US_EXEC_ASSIGN#page14.tif

ASSIGNMENT

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, we, the undersigned inventor(s):

Sasikanth Manipatruni, Yuan-Sheng Fang, Robert Menezes Rajeev Kumar Dokania, Gaurav Thareja, Ramamoorthy Ramesh

hereby sell, assign, and transfer to:

Kepler Computing Inc.

a corporation of Delaware, having a principal place of business at 135 Dore Street, San Francisco, CA, 94103, USA ("Assignee"), and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all other countries, in and to any and all inventions and improvements that are disclosed in the application for the patent entitled:

LOW POWER FERROELECTRIC BASED MAJORITY LOGIC GATE MULTIPLIER

(I hereby authorize and request any attorney having appropriate authority from the assignee to insert on the designated lines below, the filing date and application number of said application when known.)

which was filed on	Decembe	r 21, 2020	as
United States Applica	tion Number _	17/129,824	anc

which has been executed by the undersigned prior hereto or concurrently herewith on the date(s) indicated below,

and in and to said application and all Additional Applications, and all other patent applications that have been or shall be filed in the United States and all other countries and international filing offices on any of said inventions and improvements; and in and to all original and reissued patents that have been or shall be issued in the United States and all other countries and international filing offices on said inventions and improvements; and in and to all rights of priority resulting from the filing of said applications; as used herein "Additional Applications" includes but is not limited to design, utility, utility model, divisional, continuing, continuation-in-part, substitute, renewal, reissue, and national phase applications on said inventions and improvements;

and agree that said Assignee may apply for and receive a patent or patents for said inventions and improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all Additional Applications, and all other patent applications on any and all said inventions and improvements; execute all rightful oaths, assignments, powers of attorney, and other papers; communicate to said Assignee, its successors,

assigns, and legal representatives all facts known to the undersigned relating to said inventions and improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or legal representatives in securing and maintaining proper patent protection for said inventions and improvements and for vesting title to said inventions and improvements, and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns, and legal representatives; and

Sasikanth Manipatruni	1/31/2020	
Sasikanth Manipatruni	Date signed	
Yuan-Sheng Fang	Date signed	
Robert Menezes	Date signed	
Rajeev Kumar Dokania	Date signed	
Gaurav Thareja	Date signed	
Ramamoorthy Ramesh	Date signed	

ASSIGNMENT

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, we, the undersigned inventor(s):

Sasikanth Manipatruni, Yuan-Sheng Fang, Robert Menezes Rajeev Kumar Dokania, Gaurav Thareja, Ramamoorthy Ramesh

hereby sell, assign, and transfer to:

Kepler Computing Inc.

a corporation of Delaware, having a principal place of business at 135 Dore Street, San Francisco, CA, 94103, USA ("Assignee"), and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all other countries, in and to any and all inventions and improvements that are disclosed in the application for the patent entitled:

LOW POWER FERROELECTRIC BASED MAJORITY LOGIC GATE MULTIPLIER

(I hereby authorize and request any attorney having appropriate authority from the assignee to insert on the designated lines below, the filing date and application number of said application when known.)

which was filed on	December 21, 2020	as
United States Application	Number17/129,824	anc

which has been executed by the undersigned prior hereto or concurrently herewith on the date(s) indicated below,

and in and to said application and all Additional Applications, and all other patent applications that have been or shall be filed in the United States and all other countries and international filing offices on any of said inventions and improvements; and in and to all original and reissued patents that have been or shall be issued in the United States and all other countries and international filing offices on said inventions and improvements; and in and to all rights of priority resulting from the filing of said applications; as used herein "Additional Applications" includes but is not limited to design, utility, utility model, divisional, continuing, continuation-in-part, substitute, renewal, reissue, and national phase applications on said inventions and improvements;

and agree that said Assignee may apply for and receive a patent or patents for said inventions and improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all Additional Applications, and all other patent applications on any and all said inventions and improvements; execute all rightful oaths, assignments, powers of attorney, and other papers; communicate to said Assignee, its successors,

Page 1 of 2

assigns, and legal representatives all facts known to the undersigned relating to said inventions and improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or legal representatives in securing and maintaining proper patent protection for said inventions and improvements and for vesting title to said inventions and improvements, and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns, and legal representatives; and

Sasikanth Manipatruni	Date signed	
DocuSigned by:	1/29/2020	
Yuan-Sheng Fang	Date signed	
Robert Menezes	Date signed	
Rajeev Kumar Dokania	Date signed	
Gaurav Thareja	Date signed	
Ramamoorthy Ramesh	Date signed	

ASSIGNMENT

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, we, the undersigned inventor(s):

Sasikanth Manipatruni, Yuan-Sheng Fang, Robert Menezes Rajeev Kumar Dokania, Gaurav Thareja, Ramamoorthy Ramesh

hereby sell, assign, and transfer to:

Kepler Computing Inc.

a corporation of Delaware, having a principal place of business at 135 Dose Street, San Francisco, CA, 94103, USA ("Assignee"), and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all other countries, in and to any and all inventions and improvements that are disclosed in the application for the patent entitled:

LOW POWER FERROELECTRIC BASED MAJORITY LOGIC GATE MULTIPLIER

(Decreby authoriz	e and request ar	y attorney having	appropriate author	ority from the assi	gnee to insert on ti	38
designated lines bu	riow, the filing d	ate and applicatio	n number of said :	opplication when k	nown.)	

ALL	: December 2		
			. PRES
" " " " " " " " " " " " " " " " " " "	***************************************	······································	Š. 446
	\$1550 STANSON STANSON	7/100 904	
Tomber Status Americanian	Rivershow 1	//142,04 4 %	×23
- reserve a annea existementem	NAMES AND ASSESSMENT OF THE PARTY OF THE PAR		884

which has been executed by the undersigned prior hereto or concurrently herewith on the date(s) indicated below,

and in and to said application and all Additional Applications, and all other patent applications that have been or shall be filled in the United States and all other countries and international filling offices on any of said inventions and improvements; and in and to all original and reissued patents that have been or shall be issued in the United States and all other countries and international filing offices on said inventions and improvements; and in and to all rights of priority resulting from the filing of said applications; as used berein "Additional Applications" includes but is not limited to design, utility, utility model, divisional, continuing, continuation-in-part, substitute, renewal, reissue, and national phase applications on said inventions and improvements:

and agree that said Assignee may apply for and receive a patent or patents for said inventions and improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all Additional Applications, and all other patent applications on any and all said inventions and improvements; execute all rightful oaths, assignments, powers of attorney, and other papers; communicate to said Assignee, its successors,

assigns, and legal representatives all facts known to the undersigned relating to said inventions and improvements and the history thereof: and generally assist said Assignee, its successors, assigns, or legal representatives in securing and maintaining proper patent protection for said inventions and improvements and for vesting title to said inventions and improvements, and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns, and legal representatives; and

covenant with said Assignce, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Sasikanth Manipatruni	Date signed
Yuan-Sheng Fang	Date signed
25gert M	1/30/7020 Date signed
Robert Menezes	Date signed
Rajeev Kumar Dokania	Date signed
Gauray Thareja	Date signed
Ramamoorthy Ramesh	Date signed

Page 3 of 2

ASSIGNMENT

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, we, the undersigned inventor(s):

Sasikanth Manipatruni, Yuan-Sheng Fang, Robert Menezes Rajeev Kumar Dokania, Gaurav Thareja, Ramamoorthy Ramesh

hereby sell, assign, and transfer to:

Kepler Computing Inc.

a corporation of Delaware, having a principal place of business at 135 Dore Street, San Francisco, CA, 94103, USA ("Assignee"), and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all other countries, in and to any and all inventions and improvements that are disclosed in the application for the patent entitled:

LOW POWER FERROELECTRIC BASED MAJORITY LOGIC GATE MULTIPLIER

(I hereby authorize and request any attorney having appropriate authority from the assignee to insert on the designated lines below, the filing date and application number of said application when known.)

which was filed on	December 21, 2020	as
United States Appli	17/129,824 cation Number	and

which has been executed by the undersigned prior hereto or concurrently herewith on the date(s) indicated below,

and in and to said application and all Additional Applications, and all other patent applications that have been or shall be filed in the United States and all other countries and international filing offices on any of said inventions and improvements; and in and to all original and reissued patents that have been or shall be issued in the United States and all other countries and international filing offices on said inventions and improvements; and in and to all rights of priority resulting from the filing of said applications; as used herein "Additional Applications" includes but is not limited to design, utility, utility model, divisional, continuing, continuation-in-part, substitute, renewal, reissue, and national phase applications on said inventions and improvements;

and agree that said Assignee may apply for and receive a patent or patents for said inventions and improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all Additional Applications, and all other patent applications on any and all said inventions and improvements; execute all rightful oaths, assignments, powers of attorney, and other papers; communicate to said Assignee, its successors,

Page 1 of 2

assigns, and legal representatives all facts known to the undersigned relating to said inventions and improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or legal representatives in securing and maintaining proper patent protection for said inventions and improvements and for vesting title to said inventions and improvements, and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns, and legal representatives; and

Sasikanth Manipatruni	Date signed	
Yuan-Sheng Fang		
2 5 6		
Robert Menezes DocuSigned by:	Date signed	
Rajeen Lumar Dokania	1/29/2020	
Rajeev Kumar Dokania	Date signed	
Gaurav Thareja	Date signed	
Ramamoorthy Ramesh	Date signed	

ASSIGNMENT

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, we, the undersigned inventor(s):

Sasikanth Manipatruni, Yuan-Sheng Fang, Robert Menezes Rajeev Kumar Dokania, Gaurav Thareja, Ramamoorthy Ramesh

hereby sell, assign, and transfer to:

Kepler Computing Inc.

a corporation of Delaware, having a principal place of business at 135 Dore Street, San Francisco, CA, 94103, USA ("Assignee"), and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all other countries, in and to any and all inventions and improvements that are disclosed in the application for the patent entitled:

LOW POWER FERROELECTRIC BASED MAJORITY LOGIC GATE MULTIPLIER

(I hereby authorize and re-	quest any attorney havin	g appropriate authority fron	i the assignee to insert on the
designated lines below, the	filing date and application	on number of said applicatio	n when known.)

which was filed on	December 21, 2020	_as
United States Application Number	17/129,824	_and

which has been executed by the undersigned prior hereto or concurrently herewith on the date(s) indicated below,

and in and to said application and all Additional Applications, and all other patent applications that have been or shall be filed in the United States and all other countries and international filing offices on any of said inventions and improvements; and in and to all original and reissued patents that have been or shall be issued in the United States and all other countries and international filing offices on said inventions and improvements; and in and to all rights of priority resulting from the filing of said applications; as used herein "Additional Applications" includes but is not limited to design, utility, utility model, divisional, continuing, continuation-in-part, substitute, renewal, reissue, and national phase applications on said inventions and improvements;

and agree that said Assignee may apply for and receive a patent or patents for said inventions and improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all Additional Applications, and all other patent applications on any and all said inventions and improvements; execute all rightful oaths, assignments, powers of attorney, and other papers; communicate to said Assignee, its successors,

assigns, and legal representatives all facts known to the undersigned relating to said inventions and improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or legal representatives in securing and maintaining proper patent protection for said inventions and improvements and for vesting title to said inventions and improvements, and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns, and legal representatives; and

Sasikanth Manipatruni	Date signed
Yuan-Sheng Fang	Date signed
Robert Menezes	Date signed
Rajeev Kumar Dokania	Date signed
Janus Roseji	28 Jan 2020
Gaurav Thareja	Date signed
Ramamoorthy Ramesh	Date signed

ASSIGNMENT

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, we, the undersigned inventor(s):

Sasikanth Manipatruni, Yuan-Sheng Fang, Robert Menezes Rajeev Kumar Dokania, Gaurav Thareja, Ramamoorthy Ramesh

hereby sell, assign, and transfer to:

Kepler Computing Inc.

a corporation of Delaware, having a principal place of business at 135 Dore Street, San Francisco, CA, 94103, USA ("Assignee"), and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all other countries, in and to any and all inventions and improvements that are disclosed in the application for the patent entitled:

LOW POWER FERROELECTRIC BASED MAJORITY LOGIC GATE MULTIPLIER

(I hereby authorize and request any attorney having appropriate authority from the assignee to insert on the designated lines below, the filing date and application number of said application when known.)

which was filed on	December 21, 2020	as
United States Application	on Number17/129,8	24and

which has been executed by the undersigned prior hereto or concurrently herewith on the date(s) indicated below,

and in and to said application and all Additional Applications, and all other patent applications that have been or shall be filed in the United States and all other countries and international filing offices on any of said inventions and improvements; and in and to all original and reissued patents that have been or shall be issued in the United States and all other countries and international filing offices on said inventions and improvements; and in and to all rights of priority resulting from the filing of said applications; as used herein "Additional Applications" includes but is not limited to design, utility, utility model, divisional, continuing, continuation-in-part, substitute, renewal, reissue, and national phase applications on said inventions and improvements;

and agree that said Assignee may apply for and receive a patent or patents for said inventions and improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all Additional Applications, and all other patent applications on any and all said inventions and improvements; execute all rightful oaths, assignments, powers of attorney, and other papers; communicate to said Assignee, its successors,

Page 1 of 2

assigns, and legal representatives all facts known to the undersigned relating to said inventions and improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or legal representatives in securing and maintaining proper patent protection for said inventions and improvements and for vesting title to said inventions and improvements, and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns, and legal representatives; and

Sasikanth Manipatruni	Date signed
Yuan-Sheng Fang	Date signed
Robert Menezes	Date signed
Rajeev Kumar Dokania	Date signed
Gaurav Thareja	Date signed
Ramamoorthy Ramesh	1/31/2020
Ramamoorthy Ramesh	Date signed

ASSIGNMENT

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, we, the undersigned inventor(s):

Sasikanth Manipatruni, Yuan-Sheng Fang, Robert Menezes Rajeev Kumar Dokania, Gaurav Thareja, Amrita Mathuriya, Ramamoorthy Ramesh

hereby sell, assign, and transfer to:

Kepler Computing Inc.

a corporation of Delaware, having a principal place of business at 135 Dore Street, San Francisco, CA, 94103, USA ("Assignee"), and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all other countries, in and to any and all inventions and improvements that are disclosed in the application for the patent entitled:

Low Power Ferroelectric Based Majority Logic Gate Multiplier

(I hereby authorize and	l request any attorney l	having appropri	iate authority	from the ass	signee to i	nsert on t	he
designated lines below,	the filing date and app	lication number	of said applic	ation when	known.)		

December 21, 202	20as
on Number	9,824 and
	17/12

which has been executed by the undersigned prior hereto or concurrently herewith on the date(s) indicated below,

and in and to said application and all Additional Applications, and all other patent applications that have been or shall be filed in the United States and all other countries and international filing offices on any of said inventions and improvements; and in and to all original and reissued patents that have been or shall be issued in the United States and all other countries and international filing offices on said inventions and improvements; and in and to all rights of priority resulting from the filing of said applications; as used herein "Additional Applications" includes but is not limited to design, utility, utility model, divisional, continuing, continuation-in-part, substitute, renewal, reissue, and national phase applications on said inventions and improvements;

and agree that said Assignee may apply for and receive a patent or patents for said inventions and improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all Additional Applications, and all other patent applications on any and all said inventions and improvements; execute

all rightful oaths, assignments, powers of attorney, and other papers; communicate to said Assignee, its successors, assigns, and legal representatives all facts known to the undersigned relating to said inventions and improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or legal representatives in securing and maintaining proper patent protection for said inventions and improvements and for vesting title to said inventions and improvements, and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns, and legal representatives; and

covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Date signed
Date signed
Date signed
Date signed
Date signed
1/30/2020
Date signed
Date signed

Page 2 of 2