503693024 02/16/2016

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE: NEW ASSIGNMENT

EPAS ID: PAT3739662

CONVEYING PARTY DATA

NATURE OF CONVEYANCE:

Name	Execution Date
SANDEEP PERDOOR	02/15/2016
VAIBHAV MAHESHWARI	02/15/2016
AUGUSTO MARQUES	02/15/2016

ASSIGNMENT

RECEIVING PARTY DATA

Name:	AURA SEMICONDUCTOR PVT. LTD
Street Address:	RMZ ECOWORLD SEZ, BUILDING 1
Internal Address:	DEVARABEESANAHALLI, OUTER RING ROAD
City:	BANGALORE
State/Country:	INDIA
Postal Code:	560103

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15044115

CORRESPONDENCE DATA

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IPHORIZONS PLLC C/O LANDON IP **Correspondent Name:**

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ATTORNEY DOCKET NUMBER:	AURA-006-US ASSIGNMENT
NAME OF SUBMITTER:	NARENDRA R THAPPETA
SIGNATURE:	/Narendra R Thappeta/
DATE SIGNED:	02/16/2016

Total Attachments: 4

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> **PATENT** REEL: 037737 FRAME: 0064 503693024

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PATENT REEL: 037737 FRAME: 0065

ASSIGNMENT OF APPLICATION FOR PATENT

WHEREAS SANDEEP PERDOOR, VAIBHAY MAHESHWARI and AUGUSTO MARQUES (hereinafter referred to as ASSIGNOR), has made a discovery or invention entitled:

PROGRAMMABLE FREQUENCY DIVIDER PROVIDING OUTPUT WITH REDUCED DUTY-CYCLE VARIATIONS OVER A RANGE OF DIVIDE RATIOS

	for which application for Leiters Patent of the United States has been executed on even date herewith,	
	for which application for Letters Patent of the United States has been filed on under Application No and	
WHE	REAS:	
	Aura Semiconductor Pyt. Ltd. having a business address of RMZ Ecoworld SEZ. Ruilding 1. Devarabersanshalti. Outer Ring Road, Rangalory - 560-103	

(hereinsifier referred to as ASSIGNEE), is desirous of acquiring the entire interest in, to and under said invention and in, to and under Letters Patent or similar legal protection to be obtained therefor in the United States and in any and all foreign countries.

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN

Be it known that for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR(S) hereby sells, assigns and transfers to ASSIGNEE, the full and exclusive right, title and interest to said discovery or invention in the United States and its territorial possessions and in all foreign countries and to all Letters Patent or similar legal protection in the United States and its territorial possessions and in any and all foreign countries to be obtained for said invention by said application or any continuation, division, renewal, substitute, reissue and/or any application claiming priority thereof, including any legal equivalent thereof, in a foreign country for the full term or terms for which the same may be granted.

- I, SAID ASSIGNOR(S), hereby authorize and request the Commissioner of Patents and Trademarks of the United States of America and any Official of any country or countries foreign to the United States of America whose duty it is to issue Letters Patent on applications as aforesaid, to issue all such Letters Patent for said discovery or invention to the ASSIGNEE, as assignee of the entire right, title and interest in, to and under the same, for the sole use and benefit of the ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.
- I, SAID, ASSIGNOR(S), hereby covenant with 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 I have full right to convey the entire right, title and interest herein sold, assigned, transferred and set over:

PATENT REEL: 037737 FRAME: 0066

Docket No.: AURA-006-US

AND I, SAID ASSIGNOR(S) hereby further covenant and agree that the ASSIGNEE, its successors, legal representatives, or essigns, may apply for foreign Letters Patent on said discovery or invention and claim the benefits of the International Convention, and that I will, at any time, when called upon to do so by the ASSIGNEE, its successors, legal representatives, or assigns, communicate to the ASSIGNEE, its successors, legal representatives, or assigns, as the case may be, any facts known to me respecting said discovery or invention, and execute and deliver any and all lawful papers that may be necessary or desirable to perfect the title to the said discovery or invention, the said applications and the said Letters Patent in the ASSIGNEE, its successors, legal representatives and assigns, and that if reisuses of the said Letters Patent or disclaimers relating thereto, or divisions, continuations, or refilings of the said applications, or any thereof, shall bereafter be desired by the ASSIGNEE, its successors, legal representatives, or assigns, I will, at any time, when called upon to do so by the ASSIGNEE its successors, legal representatives, or assigns, sien all lawful papers, make all rightful caths, execute and deliver all such disclaimers and all divisional, continuation and reissue applications so desired, and do all lawful acts requisite for the application for such reissues and the procuring thereof and for the filing of such disclaimers and such applications, and generally do everything possible to aid the ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said invention or discovery in all countries, all without further compensation but at the expense of the ASSIGNEE, its successors, legal representatives and assigns.

The undersigned bereby grant(s) Narendra Reddy Thappeta, Esq., Registration Number 41,416, power to insert in this assignment any further identification that 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.

Inventor(s): Please Sign and Date Below:

(1)	SANDEEP PERIXOR	Date:	02/15/2016 MM/DD/YYYY
(2)	VAIBHAV MAHESHWARI	Date	MM/DD/YYYY
(3)	Augusto Kapues	Date:	02/35/2036 MMABYYYYY

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ASSIGNMENT OF APPLICATION FOR PATENT

WHEREAS <u>SANDEEP PERDOOR</u>, <u>VAIBHAV MAHESHWARI</u> and <u>AUGUSTO</u> <u>MARQUES</u> (hereinafter referred to as ASSIGNOR), has made a discovery or invention entitled:

PROGRAMMABLE FREQUENCY DIVIDER PROVIDING OUTPUT WITH REDUCED DUTY-CYCLE VARIATIONS OVER A RANGE OF DIVIDE RATIOS

\boxtimes	for which application for Letters Patent of the United States has been executed on even date herewith,
	for which application for Letters Patent of the United States has been filed on, under Application No, and
WHE	REAS:
	<u>Aura Semiconductor Pvt. Ltd.</u> having a business address of <u>RMZ Ecoworld SEZ.</u> Building 1. Devarabeesanahalli, Outer Ring Road, Bangalore — 560 103

(hereinafter referred to as ASSIGNEE), is desirous of acquiring the entire interest in, to and under said invention and in, to and under Letters Patent or similar legal protection to be obtained therefor in the United States and in any and all foreign countries.

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN:

Be it known that for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR(S) hereby sells, assigns and transfers to ASSIGNEE, the full and exclusive right, title and interest to said discovery or invention in the United States and its territorial possessions and in all foreign countries and to all Letters Patent or similar legal protection in the United States and its territorial possessions and in any and all foreign countries to be obtained for said invention by said application or any continuation, division, renewal, substitute, reissue and/or any application claiming priority thereof, including any legal equivalent thereof, in a foreign country for the full term or terms for which the same may be granted.

- I, SAID ASSIGNOR(S), hereby authorize and request the Commissioner of Patents and Trademarks of the United States of America and any Official of any country or countries foreign to the United States of America whose duty it is to issue Letters Patent on applications as aforesaid, to issue all such Letters Patent for said discovery or invention to the ASSIGNEE, as assignee of the entire right, title and interest in, to and under the same, for the sole use and benefit of the ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.
- I, SAID, ASSIGNOR(S), hereby covenant with 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 I have full right to convey the entire right, title and interest herein sold, assigned, transferred and set over;

of 2 PATENT REEL: 037737 FRAME: 0068

Docket No.: AURA-006-US

AND I, SAID ASSIGNOR(S) hereby further covenant and agree that the ASSIGNEE, its successors, legal representatives, or assigns, may apply for foreign Letters Patent on said discovery or invention and claim the benefits of the International Convention, and that I will, at any time, when called upon to do so by the ASSIGNEE, its successors, legal representatives, or assigns, communicate to the ASSIGNEE, its successors, legal representatives, or assigns, as the case may be, any facts known to me respecting said discovery or invention, and execute and deliver any and all lawful papers that may be necessary or desirable to perfect the title to the said discovery or invention, the said applications and the said Letters Patent in the ASSIGNEE, its successors, legal representatives and assigns, and that if reissues of the said Letters Patent or disclaimers relating thereto, or divisions, continuations, or refilings of the said applications, or any thereof, shall hereafter be desired by the ASSIGNEE, its successors, legal representatives, or assigns, I will, at any time, when called upon to do so by the ASSIGNEE its successors, legal representatives, or assigns, sign all lawful papers, make all rightful oaths, execute and deliver all such disclaimers and all divisional, continuation and reissue applications so desired, and do all lawful acts requisite for the application for such reissues and the procuring thereof and for the filing of such disclaimers and such applications, and generally do everything possible to aid the ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said invention or discovery in all countries, all without further compensation but at the expense of the ASSIGNEE, its successors, legal representatives and assigns.

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Inventor(s): Please Sign and Date Below:

(1)	SANDEEP PERDOOR	Date:	MM/DD/YYYY
(2)	Vailour Makadamain VAIBHAV MAHESHWARI	Date:	02/15/2016 MM/DD/YYYY
(3)	AUGUSTO MARQUES	Date:	MM/DD/YYYY