505204123 11/26/2018

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
BRIAN HOLDEN	10/06/2016
AMIN SHOKROLLAHI	10/07/2016

RECEIVING PARTY DATA

Name:	KANDOU LABS, S.A.
Street Address:	EPFL INNOVATION PARK
Internal Address:	BUILDING I
City:	LAUSANNE
State/Country:	SWITZERLAND
Postal Code:	1015

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	16180953	

CORRESPONDENCE DATA

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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.

Email: docket@inventionmine.com, tina@inventionmine.com

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ATTORNEY DOCKET NUMBER:	KDU-71943US05
NAME OF SUBMITTER:	ROBERT J. IRVINE III
SIGNATURE:	/Robert J. Irvine III/
DATE SIGNED:	11/26/2018

Total Attachments: 4

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PATENT 505204123 REEL: 047581 FRAME: 0024

ASSIGNMENT

(Patent Application)

I/We, the undersigned, have invented certain inventions and improvements disclosed in a utility (provisional or non-provisional) or design patent application entitled

"ORTHOGONAL DIFFERENTIAL VECTOR SIGNALING CODES WITH EMBEDDED CLOCK"

the specification of which is provided with this Assignment and identified by the Attorney Docket No. above. (Serial No. 15/285,316 filed on October 4, 2016.

For one dollar (\$1,00) and other good and valuable consideration, the receipt and sufficiency of which I/We acknowledge, I/We:

- 1. Agree to assign, transfer, convey, and sell, hereby assign, transfer, convey, and sell and have assigned, transferred, conveyed, and sold to Kandou Labs, S.A., a Corporation, having a principal place of business at EPFL Innovation Park, Building I, CH-1015 Lausanne, Switzerland ("Assignee"), the entire right, title, and interest in and to:
 - (a) all intellectual property (including, without limitation, any innovation, information, invention, discovery, product, process, work or design) disclosed, embodied, shown, or claimed in the above-referenced patent application, implicitly or explicitly:
 - (b) the above-referenced patent application, the right to claim priority to the above-referenced patent application, all applications based in whole or in part upon the above-referenced patent application, including, without limitation, all applications that are a provisional, non-provisional, design, divisional, continuation, continuation-in-part, registration, utility model, industrial design, reissue, renewal, substitute, extension, reexamination, post-grant review, inter partes review, supplemental examination or non-U.S. patent application or application for other rights based in whole or in part on the above-referenced patent application;
 - (c) all patents (including, without limitation, all U.S. and non-U.S. patents, registrations, utility models, industrial designs, design patents, counterparts, continuations, continuations-in-part, divisionals, reissues, renewals, substitutes, extensions, reexaminations, post-grant reviews, inter partes reviews and supplemental examinations) that are granted or issued upon, or that claim priority to, any and all applications described in (b) of this paragraph or that disclose or claim intellectual property described in (a) of this paragraph, in whole or in part; and

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- (d) all claims for damages by reason of past infringement of any rights under the applications or patents described in (a), (b) or (c) of this paragraph (including provisional rights to reasonable royalties pursuant to 35 U.S.C. §154(d)) and the right to sue for and collect such damages and royalties for Assignee's own use.
- Authorize and request the U.S. Patent and Trademark Office or any other U.S. or non-U.S. agency to issue to the Assignee any and all patent(s), or other rights or documents, resulting from the intellectual property, patent application(s) and patents described in paragraph 1 of this Assignment.
- 3. Agree to sign all papers and documents, including without limitation, applications, declarations, oaths and petitions, and, at the Assignee's expense, perform any other acts that are necessary in connection with prosecution of patent application(s) or intellectual property described in paragraph 1 of this Assignment and the enforcement of patent(s) or other rights resulting from such patent application(s) or intellectual property.
- 4. Agree that the terms, covenants, and conditions of this Assignment shall inure to the benefit of the Assignee, its successors, assigns and other legal representative, and shall be binding upon us, as well as our heirs, legal representatives, and assigns.
- 5. Promise and affirm that I have not entered, and will not enter, into any assignment, contract, or understanding that conflicts with this Assignment.
- Authorize counsel of record to insert above the application number and filing date of the above-described patent application when known.

Signed on the dates indicated beside my signature.

Signature:			Date:	
	Brian Holden		***************************************	
Signature:	<u> </u>	enterni.	Date: Oct. 7, 20	((
	Amin Shokrollahi		 	19

PATENT REEL: 047581 FRAME: 0026

ASSIGNMENT (Patent Application)

I/We, the undersigned, have invented certain inventions and improvements disclosed in a utility (provisional or non-provisional) or design patent application entitled

"ORTHOGONAL DIFFERENTIAL VECTOR SIGNALING CODES WITH EMBEDDED CLOCK"

the specification of which is provided with this Assignment and identified by the Attorney Docket No. above. (Serial No. 15/285,316 filed on October 4, 2016.

For one dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which I/We acknowledge, I/We:

- Agree to assign, transfer, convey, and sell, hereby assign, transfer, convey, and sell and have assigned, transferred, conveyed, and sold to Kandou Labs, S.A., a Corporation, having a principal place of business at EPFL Innovation Park, Building I, CH-1015 Lausanne, Switzerland ("Assignee"), the entire right, title, and interest in and to:
 - (a) all intellectual property (including, without limitation, any innovation, information, invention, discovery, product, process, work or design) disclosed, embodied, shown, or claimed in the above-referenced patent application, implicitly or explicitly;
 - (b) the above-referenced patent application, the right to claim priority to the above-referenced patent application, all applications based in whole or in part upon the above-referenced patent application, including, without limitation, all applications that are a provisional, non-provisional, design, divisional, continuation, continuation-in-part, registration, utility model, industrial design, reissue, renewal, substitute, extension, reexamination, post-grant review, inter partes review, supplemental examination or non-U.S. patent application or application for other rights based in whole or in part on the above-referenced patent application;
 - (c) all patents (including, without limitation, all U.S. and non-U.S. patents, registrations, utility models, industrial designs, design patents, counterparts, continuations, continuations-in-part, divisionals, reissues, renewals, substitutes, extensions, reexaminations, post-grant reviews, inter parter reviews and supplemental examinations) that are granted or issued upon, or that claim priority to, any and all applications described in (b) of this paragraph or that disclose or claim intellectual property described in (a) of this paragraph, in whole or in part; and

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- (d) all claims for damages by reason of past infringement of any rights under the applications or patents described in (a), (b) or (c) of this paragraph (including provisional rights to reasonable royalties pursuant to 35 U.S.C. §154(d)) and the right to sue for and collect such damages and royalties for Assignee's own use.
- Authorize and request the U.S. Patent and Trademark Office or any other U.S. or non-U.S. agency to issue to the Assignee any and all patent(s), or other rights or documents, resulting from the intellectual property, patent application(s) and patents described in paragraph 1 of this Assignment.
- 3. Agree to sign all papers and documents, including without limitation, applications, declarations, oaths and petitions, and, at the Assignee's expense, perform any other acts that are necessary in connection with prosecution of patent application(s) or intellectual property described in paragraph 1 of this Assignment and the enforcement of patent(s) or other rights resulting from such patent application(s) or intellectual property.
- 4. Agree that the terms, covenants, and conditions of this Assignment shall inure to the benefit of the Assignee, its successors, assigns and other legal representative, and shall be binding upon us, as well as our heirs, legal representatives, and assigns.
- 5. Promise and affirm that I have not entered, and will not enter, into any assignment, contract, or understanding that conflicts with this Assignment.
- 6. Authorize counsel of record to insert above the application number and filing date of the above-described patent application when known.

Signed on the dates indicated beside my signature.

Signature:	Brian Holden	Date: Oct 6, 2016
Signature:	Amin Shokrollahi	Date:

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RECORDED: 11/26/2018