506048564 05/07/2020

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Alain Charles Briancon	12/10/2013
Marc Anthony Epard	11/27/2013
Robert Leon Lutes	12/02/2013
John Berns Lancaster	11/26/2013
Jerald Frederic Johnson	11/26/2013
Ronald Byron Kabler	12/04/2013

RECEIVING PARTY DATA

Name:	HORIZON ANALOG, INC.
Street Address:	10 E. 9TH STREET
Internal Address:	SUITE G.
City:	LAWRENCE
State/Country:	KANSAS
Postal Code:	66044

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16853028

CORRESPONDENCE DATA

Fax Number: (877)769-7945

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: +1 (202) 626-6412

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ATTORNEY DOCKET NUMBER:	22888-0116003
NAME OF SUBMITTER:	ARLENE F. YATES
SIGNATURE:	/Arlene F. Yates/
DATE SIGNED:	05/07/2020

PAIENI REEL: 052596 FRAME: 0113 506048564

Total Attachments: 9 source=22888-0116003 Inventors to Horizon#1#page1.tif source=22888-0116003 Inventors to Horizon#1#page2.tif source=22888-0116003 Inventors to Horizon#1#page3.tif source=22888-0116003 Inventors to Horizon#1#page4.tif source=22888-0116003 Inventors to Horizon#1#page5.tif source=22888-0116003 Inventors to Horizon#1#page6.tif source=22888-0116003 Inventors to Horizon#1#page7.tif source=22888-0116003 Inventors to Horizon#1#page8.tif source=22888-0116003 Inventors to Horizon#1#page9.tif

PATENT REEL: 052596 FRAME: 0114 ASSIGNMENT

WHEREAS, WE, Alain Charles Briançon, of 19328 Cissel Manor Drive, Poolesville,

MD 20837, Marc Anthony Epard, of 1629 Hillcrest Road, Lawrence, KS 66044, Robert Leon

Lutes, of 4439 Adam Avenue, Lawrence, KS 66047, John Berns Lancaster, of 435 Michigan

Street, Lawrence, KS 66044, Jerald Frederic Johnson, of 1026 Cretline Drive, Lawrence, KS

66049, and Ronald Byron Kabler, of 1570 Tuppeny Court, Roselle, IL 60172 have invented

certain new and useful improvements in

DENSITY FUNCTION CENTRIC SIGNAL PROCESSING.

for which WE are about to make application for Letters Patent of the United States; and

WHEREAS, Horizon Analog, Inc., a corporation duly organized under the laws of the

State of Kansas, and having its principal place of business at 10 E. 9th Street, Suite G.,

Lawrence, KS 66044, is desirous of acquiring an interest in, to, and under said invention, said

Application and any and all Letters Patent which may be granted for or upon said invention in

the United States of America and all countries foreign thereto.

NOW, THEREFORE, to all whom it may concern be it known that for good and valuable

consideration, the receipt and sufficiency of which is hereby acknowledged, WE, Alain Charles

Briançon, Marc Anthony Epard, Robert Leon Lutes, John Berns Lancaster, Jerald Frederic

Johnson, and Ronald Byron Kabler have sold, assigned, and transferred, and by these presents

do sell, assign, and transfer unto said Horizon Analog, Inc., the full and exclusive right, title, and

interest, throughout the world, in, to, and under the following:

said invention as fully set forth and described in the specification prepared and (a)

executed by me on even date herewith preparatory to obtaining Letters Patent of the United

States therefor and identified under attorney Docket No. 44829;

(b) said Application;

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(c) any and all refilings, divisional, and continuations of said Application;

any and all Letters Patent of the United States of America that may issue from

said Application, refilings, divisions, and continuations;

(e) any and all reissues of said Letters Patent of the United States of America;

(f) any and all applications for Letters Patent on said invention that may hereafter

be filed in any and all countries foreign to the United States of America, together with all rights

to file and to claim priority in connection with said foreign-filed applications;

(g) any and all refilings, divisions, and continuations of said foreign-filed

applications;

(d)

(h) any and all Letters Patent of countries foreign to the United States of America that

may issue from said foreign-filed applications, refilings, divisions, and continuations; and

(i) any and all extension of, and additions to, said Letters Patent of countries foreign

to the United States of America.

ALL of the above shall be held and enjoyed by said Horizon Analog, Inc. for its own use

and behoof, and for its successors, legal representatives, and assigns, to the full end of the term

for which said Letters Patent may be granted, and we do hereby authorize and request the

Commissioner of Patents and Trademarks to issue said Letters Patent in accordance with this

Assignment.

Assignor(s) further agree to execute all paperwork and provide any other requested, non-

monetary assistance in procuring, perfecting, enforcing, and/or defending Assignee's rights in

the rights assigned herein.

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PATENT REEL: 052596 FRAME: 0116 Executed this 10 day of <u>Docember</u>, 2013

Ajaya Charles Briançon

STATE OF Kamen)
(SS. COUNTY OF Douglar)

> Wilmy Destra Notary Public

My Commission Expires: 12/21/3014

WILMA LEISTRA
Notary Public
State of Kansas
My Commission Expires/ 22/2019

Executed this 27 day of November, 2013. Class Anthony Condition Marc Anthony Epard
STATE OF)) SS. COUNTY OF)
On this 27 day of November, 2013, before me personally appeared Marc Anthony Epard, to me known to be the persons described in and who executed the foregoing instrument, and he duly acknowledged to me that he executed the same for the uses
ANNA DOKTOR Notary Public State of Kansas My Commission Expires 10/26/16 Notary Public
My Commission Expires: 10 - 26 - 2016

Executed this 2 ND day of Decarber, 2013 Robert Leon Lutes
STATE OF)) SS.
COUNTY OF) SS.
On this 3 day of December, 20 13, before me personally appeared
Robert Leon Lutes, to me known to be the persons described in and who executed the foregoing
instrument, and he duly acknowledged to me that he executed the same for the uses and purposes
therein set forth.
ANNA DOKTOR Notary Public State of Kansas My Commission Expires 15.26.16 Notary Public
My Commission Expires: 10-20-2016

Executed this 26th day of November 2013.
John Berns Lappaster
STATE OF Kansas) ss.
On this 20th day of November 2013, before me personally appeared
John Berns Lancaster, to me known to be the persons described in and who executed the
foregoing instrument, and he duly acknowledged to me that he executed the same for the uses
and purposes therein set forth.
DEBRA J. LIAKOS NOTARY PUBLIC STATE OF KANSAS My April Fyn (1) - 1

My Commission Expires: 10/4/2017

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Executed this 26 day of November, 2013. January J. Johnson	
STATE OF)	
) SS. COUNTY OF)	v
On this <u>Alab</u> day of <u>November</u> , 2013, before me personally appeared Jerald Frederic Johnson, to me known to be the persons described in and who executed to foregoing instrument, and he duly acknowledged to me that he executed the same for the usual purposes therein set forth.	h
Notary Public Mohney	
My Commission Expires: 8-20-2014 Notary Public State of Kansas Jennifer Mohney Jennifer Mohney	

Jennifer Mohney
My Appt Exp 8-20-2014

Executed this 4th day of <u>December</u> , 2013. <u>For shil Byron Kabler</u> Ronald Byron Kabler
STATE OF Kansan)) SS. COUNTY OF Panaglan)
On this 04 day of 201, 201, before me personally appeared
Ronald Byron Kabler, to me known to be the persons described in and who executed the
foregoing instrument, and he duly acknowledged to me that he executed the same for the uses
and purposes therein set forth.
Notary Public
My Commission Expires: 12/31/3014
WILMA LEISTRA Notary Public State of Kansas My Commission Expires) 21 21 5 a 14

Horizon Analog, Inc. hereby declares it accepts the rights and property hereby assigned and transferred to it.

Horizon/Ay/alog, Inc

Alain Briancon