

PATENT ASSIGNMENT

Electronic Version v1.1
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SUBMISSION TYPE:	NEW ASSIGNMENT														
NATURE OF CONVEYANCE:	ASSIGNMENT														
CONVEYING PARTY DATA															
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Alain Charles Briancon</td> <td>07/19/2013</td> </tr> <tr> <td>John Berns Lancaster</td> <td>07/01/2013</td> </tr> <tr> <td>Curtis Scott Crawford</td> <td>07/01/2013</td> </tr> <tr> <td>Robert Leon Lutes</td> <td>07/18/2013</td> </tr> <tr> <td>Eric Alexander Shumaker</td> <td>07/05/2013</td> </tr> <tr> <td>Marc Anthony Epard</td> <td>07/19/2013</td> </tr> </tbody> </table>		Name	Execution Date	Alain Charles Briancon	07/19/2013	John Berns Lancaster	07/01/2013	Curtis Scott Crawford	07/01/2013	Robert Leon Lutes	07/18/2013	Eric Alexander Shumaker	07/05/2013	Marc Anthony Epard	07/19/2013
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RECEIVING PARTY DATA															
<table border="1"> <tr> <td>Name:</td> <td>Horizon Analog, Inc.</td> </tr> <tr> <td>Street Address:</td> <td>10 E. 9th Street</td> </tr> <tr> <td>Internal Address:</td> <td>Suite G.</td> </tr> <tr> <td>City:</td> <td>Lawrence</td> </tr> <tr> <td>State/Country:</td> <td>KANSAS</td> </tr> <tr> <td>Postal Code:</td> <td>66044</td> </tr> </table>		Name:	Horizon Analog, Inc.	Street Address:	10 E. 9th Street	Internal Address:	Suite G.	City:	Lawrence	State/Country:	KANSAS	Postal Code:	66044		
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PROPERTY NUMBERS Total: 1															
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13927387</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13927387										
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CORRESPONDENCE DATA															
Fax Number:	9136479057														
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>															
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ATTORNEY DOCKET NUMBER:	44298														

CH \$40.00 13927387

NAME OF SUBMITTER:	Thomas B. Luebbering
Signature:	/Thomas B. Luebbering/
Date:	07/31/2013
Total Attachments: 9 source=PTO_Assignment_as_Filed#page1.tif source=PTO_Assignment_as_Filed#page2.tif source=PTO_Assignment_as_Filed#page3.tif source=PTO_Assignment_as_Filed#page4.tif source=PTO_Assignment_as_Filed#page5.tif source=PTO_Assignment_as_Filed#page6.tif source=PTO_Assignment_as_Filed#page7.tif source=PTO_Assignment_as_Filed#page8.tif source=PTO_Assignment_as_Filed#page9.tif	

ASSIGNMENT

WHEREAS, WE, Alain Charles Briançon, of 19328 Cissel Manor Drive, Poolesville, MD, 20837; John Berns Lancaster, of 435 Michigan Street, Lawrence, KS 66044; Curtis Scott Crawford, of 5112 Newton, Overland Park, KS 66202; Robert Leon Lutes, of 4439 Adam Avenue, Lawrence, KS 66047; Eric Alexander Shumaker, of 4705 Baltursrol Court, Lawrence, KS 66049; and Marc Anthony Epard, of 1629 Hillcrest Road, Lawrence, KS 66044 have invented certain new and useful improvements in

METHOD AND SYSTEM FOR IMPULSIVE NOISE CLASSIFICATION AND MITIGATION

which is the subject of U.S. Patent Application No. 13/927,387, filed June 26, 2013; 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 acknowledge, WE, Alain Charles Briançon; John Berns Lancaster, Curtis Scott Crawford, Robert Leon Lutes, Eric Alexander Shumaker, and Marc Anthony Epard, 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:

- (a) said invention as fully set forth and described in said Application;
- (b) said Application Serial No. 13/927,387, filed June 26, 2013;
- (c) any and all refilings, divisions, and continuations of said Application;
- (d) 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 have been, or may 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;

(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.

Executed this 1st day of July, 2013.

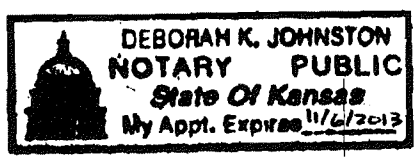
Curtis Scott Crawford
Curtis Scott Crawford

STATE OF KANSAS)
)SS.
COUNTY OF DOUGLAS)

On this 1st day of July, 2013, before me personally appeared Curtis Scott Crawford, to me known to be the persons described in and who executed the foregoing instrument, and they duly acknowledged to me that they executed the same for the uses and purposes therein set forth.

Deborah K. Johnston
Notary Public

My Commission Expires: November 6, 2013



Executed this 13TH day of July, 2013.

Robert Leon Lutes

Robert Leon Lutes

STATE OF Kansas)

)SS.

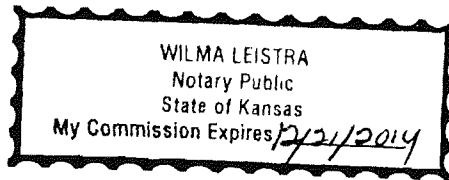
COUNTY OF Douglas)

On this 18 day of July, 2013, before me personally appeared Robert Leon Lutes, to me known to be the persons described in and who executed the foregoing instrument, and they duly acknowledged to me that they executed the same for the uses and purposes therein set forth.

Wilma Leistra

Notary Public

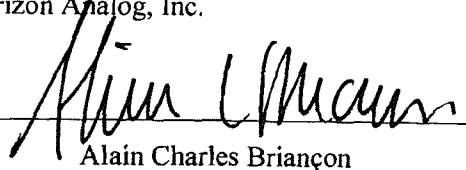
My Commission Expires: 12/31/2014



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

Horizon Analog, Inc.

By

A handwritten signature in black ink, appearing to read "Alain C. Briançon", written over a horizontal line.

Alain Charles Briançon