505827037 12/18/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5873867

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the NAME OF ASSIGNEE previously recorded on Reel 046945 Frame 0428. Assignor(s) hereby confirms the ASSIGNEE WAS RECORDED AS ECHODYNE CORP AND SHOULD BE RECORDED AS ECHODYNE CORP

CONVEYING PARTY DATA

Name	Execution Date
TOM DRISCOLL	07/19/2017
WILLIAM F. GRAVES JR.	07/19/2017
JOHN DESMOND HUNT	07/19/2017
NATHAN INGLE LANDY	07/19/2017
CHRISTOPHER L. LAMBRECHT	07/19/2017
MILTON PERQUE	07/19/2017
ROBERT TILMAN WORL	07/19/2017

RECEIVING PARTY DATA

Name: ECHODYNE CORP.	
Street Address: 2380 116TH AVE. NE	
City:	BELLEVUE
State/Country: WASHINGTON	
Postal Code:	98004

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15655505

CORRESPONDENCE DATA

Fax Number: (952)465-0771

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: 9524650770

Email:docketing@fogglaw.comCorrespondent Name:FOGG & POWERS LLCAddress Line 1:4600 W 77TH STREET

Address Line 2: SUITE 305

Address Line 4: MINNEAPOLIS, MINNESOTA 55435

ATTORNEY DOCKET NUMBER: 228.004US01

NAME OF SUBMITTER: DENISE A. SCHULLO

505827037 REEL: 051346 FRAME: 0213

SIGNATURE:	/ Denise A. Schullo /
DATE SIGNED:	12/18/2019
Total Attachments: 5	
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PATENT REEL: 051346 FRAME: 0214

ASSIGNMENT

WHEREAS, we, Tom Driscoll, William F. Graves, Jr., John Desmond Hunt, Nathan Ingle Landy,
Christopher L. Lambrecht, Milton Perque, and Robert Tilman Worl, made certain new and useful inventions and
improvements for which we executed an application for Letters Patent of the United States filed herewith,
entitled FAST BEAM PATTERNS (the "Application").

Echodyne Corp.

AND WHEREAS, Echodyne Corp. a corporation organized and existing under and by virtue of the laws of the State of DE, and having an office and place of business at 2380 116th Ave. NE, Bellevue, WA 98004, (hereinafter "Assignee") is desirous of acquiring the entire right, title and interest in and to the inventions, improvements and the Application and in and to the Letters Patent to be obtained therefor;

NOW, THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt and sufficiency whereof is hereby acknowledged, we have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto the Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the Application, and in and to the Application, all divisions, continuations, continuations-in-part, or renewals thereof, all Letters Patent which may be granted therefrom, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the inventions and improvements, including an assignment of all rights under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted therefrom; and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent for the inventions and improvements to the Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the Assignee, its successors and assigns.

AND, for the consideration identified above, we do agree that we and our executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to the Assignee, its successors and representatives all facts known to me relating to the improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in the Assignee, its successors or assigns the entire right, title and interest in and to the improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

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

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PATENT REEL: 051346 FRAME: 0215

ATTORNEY DOCKET: 228.004US01 PAGE 2 OF 3	
Tom Driscoll Witness	19 July 2017 Date 19 July 2017 Date
William F. Graves, Jr.	7 (19/17 Date 7/19/17 Date
John Desmond Fluint Wijness	07/14/2-17 Date
Nathan Ingie Landy	7/19/17 Date 7/19/17 Date

Assignment
Title: FAST BEAM PATTERNS

PATENT REEL: 051346 FRAME: 0216

Assignment Title: FAST BEAM PATTERNS ATTORNEY DOCKET: 228.004US01 PAGE 3 OF 3	
Christopher L. Lambrecht	7//9//7 Date
y liness	7/6/17 Date
Milhon Perque	2 /17 /17 Date
Wimels	7 (19 / 17) Date
<u> </u>	7/19/17
Robert Tilman Worl Witness	Date

12/17/2019 Assignment

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NATURE OF CONVEYANCE:	ASSIGNMENT

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PROPERTY NUMBERS Total: 1

Property Type		Number	
	Application Number:	15655505	

CORRESPONDENCE DATA

Fax Number: (952)465-0771 **Phone:** 952-465-0770

Email: DOCKETING@FOGGLAW.COM

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.

Correspondent Name: FOGG & POWERS LLC

Address Line 1: 4600 WEST 77TH STREET SUITE 305
Address Line 4: MINNEAPOLIS, MINNESOTA 55435

mmmm		228.004US01
mmmm.	NAME OF SUBMITTER:	LINDSAY M. AHO
mmmm	Signature:	/LINDSAY M. AHO/

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REEL: 051346 FRAME: 0218

12/17/2019 Assignment

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RECORDED: 12/18/2019 REEL: 051346 FRAME: 0219