PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MITCHELL KLINE	04/26/2018
RICHARD PRZYBYLA	04/13/2018
DAVID HORSLEY	04/13/2018

RECEIVING PARTY DATA

Name:	CHIRP MICROSYSTEMS, INC.	
Street Address:	2560 NINTH STREET	
Internal Address:	STE 220A	
City:	BERKELEY	
State/Country:	CALIFORNIA	
Postal Code:	94710	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15958415

CORRESPONDENCE DATA

Fax Number: (510)668-0239

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: 5106680965

Email:josh@jdipatent.comCorrespondent Name:JOSHUA D. ISENBERGAddress Line 1:809 CORPORATE WAY

Address Line 4: FREMONT, CALIFORNIA 94539

ATTORNEY DOCKET NUMBER:	OCKET NUMBER: CHP-015-US	
NAME OF SUBMITTER: JOSHUA D. ISENBERG		
SIGNATURE:	TURE: /Joshua D. Isenberg, Reg. No. 41088/	
DATE SIGNED: 06/20/2018		

Total Attachments: 3

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PATENT 504969552 REEL: 046148 FRAME: 0846

Attorney Docket No: CHP-015-US

ASSIGNMENT

THIS ASSIGNMENT, by Mitchell Kline, residing at BERKELEY, California, Richard Przybyła, residing at BERKELEY, California, and David Horsley, residing at BERKELEY, California (hereinafter referred to as the Assignors) witnesseth:

WHEREAS, said Assignors have invented certain new and useful improvements in

QUADRATURE AMPLITUDE MODULATION CIRCUITRY FOR ULTRASONIC TRANSDUCER

which are described in the following Applications for Letters Patent: U.S. Provisional Patent Application number 62/244,574, filed October 21, 2015 and PCT Application number PCT/US2016/057972, filed October 20, 2016 and Application Number 15/958,415 , filed April 20, 2018 . Said Assignors hereby authorize and request attorney Joshua D. Isenberg, of 809 Corporate Way, Fremont, California 94539, to enter the filing date and application number of said application when known.

WHEREAS,

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CHIRP MICROSYSTEMS, INC.

(hereinafter referred to as the Assignee), a body having corporate powers under the laws of the state of CALIFORNIA, and having offices at 2560 Ninth Street, Ste 220A, Berkeley, CA 94710, is desirous of obtaining the entire right, title and interest in and to said inventions and said application for Letters Patent, and in and to any Letters Patent, United States or foreign, to be obtained therefore and thereon;

NOW, THEREFORE, for other good and sufficient considerations, the receipt of which is hereby acknowledged:

- 1. The Assignors have sold, assigned, transferred and set over, and do hereby sell, assign, transfer and set over unto said Assignee, the entire right, title and interest in, to and under said inventions; said application for Letters Patent; any Letters Patent which may be granted for said inventions in the United States of America and any foreign country; any division, continuation, and continuation-in-part of said application; any reissue or extension of said Letters Patent; and all rights under the International Convention for the Protection of Industrial Property; said right, title and interest to be held and enjoyed by said Assignee for its own use and behoove to the full end of the term for which Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by the Assignors, had this sale and assignment not been made.
- 2. Said Assignors jointly and severally warrant and represent that, at the time of execution and delivery of these presents, said Assignors are the lawful owners of the entire right, title and interest in and to said inventions and said application for Letters Patent, and that the same has not entered into any assignment, contract or understanding in conflict herewith.
- 3. Said Assignors hereby covenant and agree to assist and cooperate with said Assignee, whereby said Assignee may enjoy to the fullest extent said right, title and interest herein conveyed, provided, however, that the entire expense which may be incurred by said Assignee in lending such assistance and cooperation be paid by Assignee. Such cooperation shall include: (a) prompt execution of all papers (prepared at the expense of Assignee) which are deemed necessary or desirable by Assignee to perfect said right, title and interest herein conveyed, (b) prompt execution of all petitions, oaths, specifications, declarations and other papers (prepared at the expense of Assignee) which are deemed necessary or desirable by Assignee for filing or prosecuting in the United States or any foreign country said application, any application which is a division, continuation, or continuation-in-part of said application, any reissue application for any Letters Patent granted on said application, or for any interference proceeding involving said application or Letters Patent granted thereon, and (c) prompt assistance and cooperation in the prosecution of all legal proceedings involving said inventions, said application, or Letters Patent granted thereon, including oppositions, cancellation proceedings, priority contests, public use proceedings and court actions.
- 4. The terms, covenants and conditions of this Assignment shall inure to the benefit of said Assignee, its successors, assigns and/or other legal representatives, and shall be binding upon said Assignors, their heirs, legal representatives and assigns.
- 5. Said Assignee hereby requests the Commissioner of Patents and Trademarks to issue said Letters Patent of the United States to said Assignee as the assignee of said inventions.

Page 1 of 2 Assignment

PATENT REEL: 046148 FRAME: 0847 IN WITNESS WHEREOF said Assignors have executed and delivered this instrument on the respective dates noted below.

Date: Mitchell K	News &
William IV	
Journal Makalai	July Mulaki
Witnessed by: Jennah Makalai (Typed or Printed Name of Witness)	(Witness Signature)
	<i>(</i>
Witnessed by:(Typed or Printed Name of Witness)	(Witness Signature)
(Typed or Printed Name of Witness)	(with the same of
· .	7000
Date: 4/13/18	<i>DDIC</i>
Richard P	rzybyła
Danie II and and	001001/2
Witnessed by: DAVID HOLSLEY (Typed or Printed Name of Witness)	(Witness Signature)
(Typed of Filmed France of Wieless)	(,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
Witnessed by:(Typed or Printed Name of Witness)	
	(Witness Signature)
Date: 4/13/18	inf a. bales
David Ho	rsley
	-111
Witnessed by: (Typed or Printed Name of Witness)	(Witness Signature)
(Typed or Printed Name of Witness)	(Witness Signature)
Witnessed Mr. Jewelah Makalai	Julifale.
Witnessed by: Verench Makala, (Typed or Printed Name of Witness)	(Witness Signature)

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Assignment

IN WITNESS WHEREOF said Assignors have executed and delivered this instrument on the respective dates noted below.

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Date: 4-26-2018 //th/1/// Mitchell Kline					
Witnessed by: _	Yunhwi Hou (Typed or Printed Name of Witness)	1/lon			
3	(Typed or Printed Name of Witness) Tany—Cheny Liv (Typed or Printed Name of Witness)	(Witness Signature) Fauc-Cleury Civ			
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Date:	Richard Prz	8. 34-8-1-8-3			
	nunara z regoria				
Witnessed by: _	(Typed or Printed Name of Witness)				
	(Typed or Printed Name of Witness)	(Witness Signature)			
Witnessed by: _	(Typed or Printed Name of Witness)				
	(Typed or Printed Name of Witness)	(Witness Signature)			
Date:					
David Horsley					
Witnessed by:					
	(Typed or Printed Name of Witness)	(Witness Signature)			
Witnessed by: _					
	(Typed or Printed Name of Witness)	(Witness Signature)			

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