

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	AVINOAM D. BAR-ZION	03/24/2020
	ATOUSA NOURMAHNAD	03/16/2020
	DAVID MARESCA	03/24/2020
RECEIVING PARTY DATA		
Name:	CALIFORNIA INSTITUTE OF TECHNOLOGY	
Street Address:	1200 E. CALIFORNIA BLVD., M/C 6-32	
City:	PASADENA	
State/Country:	CALIFORNIA	
Postal Code:	91125	
PROPERTY NUMBERS Total: 2		
Property Type	Number	
Application Number:	16833637	
PCT Number:	US2020025608	
CORRESPONDENCE DATA		
Fax Number:	(626)792-1342	
<i>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.</i>		
Phone:	6267920536	
Email:	mail@sbpatlaw.com	
Correspondent Name:	STEINFL + BRUNO LLP	
Address Line 1:	155 N. LAKE AVE, SUITE 700	
Address Line 4:	PASADENA, CALIFORNIA 91101	
ATTORNEY DOCKET NUMBER:	P2458-US P2458-PCT	
NAME OF SUBMITTER:	BRIAN J. CASH	
SIGNATURE:	/Brian J. Cash, Reg. No. 60,546/	
DATE SIGNED:	03/30/2020	
Total Attachments: 5		
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ASSIGNMENT

We, Avinoam D. BAR-ZION, residing in the United States of America with a mailing address at c/o California Institute of Technology, 1200 E. California Blvd., M/C 6-32, Pasadena, CA 91125,

Atousa NOURMAHNAD, residing in the United States of America with a mailing address at c/o California Institute of Technology, 1200 E. California Blvd., M/C 6-32, Pasadena, CA 91125, and

David MARESCA, residing in the United States of America with a mailing address at c/o California Institute of Technology, 1200 E. California Blvd., M/C 6-32, Pasadena, CA 91125,

hereby sell and assign for good and valuable consideration, the receipt of which we hereby acknowledge,

to CALIFORNIA INSTITUTE OF TECHNOLOGY, an entity having its principal place of business in the United States of America at 1200 E. California Blvd., M/C 6-32, Pasadena, CA 91125,

hereinafter referred to as the assignee, its successors, assigns and nominees, our entire right, title and interest, including all priority rights under U.S. law and/or International conventions and treaties, in and to the "Genetically Encodable Nuclei For Inertial Cavitation"

invented by us, as described and/or claimed in U.S. Provisional Application 62/825,612 filed on March 28, 2019, in the corresponding U.S. Patent Application(s) to be filed, in the corresponding PCT Patent Application(s) to be filed, and in any related patent applications filed and/or to be filed not only for, to and in the United States of America its territories and possessions, but also for, to and in all other countries, including any and all divisions, reissues, continuations, continuations-in-part and extensions of said U.S. Provisional Patent Application, of said U.S. Patent Application, of said PCT Patent Application, and any and all International patent applications related to said U.S. Provisional Application No. 62/825,612 and/or U.S.

Patent Application or PCT Patent Application. We hereby authorize and request Enrica Bruno or Alessandro Steinfl of the Firm Steinfl + Bruno to insert here in parentheses

(U.S. Application No. 16/833,637 Filing date March 29, 2020;
 U.S. Application No. _____ Filing date _____;
 U.S. Application No. _____ Filing date _____;
 U.S. Application No. _____ Filing date _____;
 PCT Application No. PCT/US2020/025608 Filing date March 29, 2020;
 PCT Application No. _____ Filing date _____;
 PCT Application No. _____ Filing date _____;)

the application number and filing date of said U.S. Patent Application(s) and said PCT Patent Application(s) when known. We further authorize and request any officials whose duty it is to issue patents, to issue any patent on said "Genetically Encodable Nuclei For Inertial Cavitation" and/or improvements thereof or resulting therefrom to said assignee or its successors, assigns or nominees, and agree to testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, continuation-in-part and/or reissue applications, make all rightful oaths and/or declarations and generally do everything possible to aid said assignee, its successors, assigns and nominees to obtain and enforce proper patent protection for said invention in the United States of America and in all other countries.

Subscribed and executed at Pasadena, CA, USA
 City Country
 On 3/24/2020
 Date

Inventor Name: Avinoam D. BAR-ZION

Inventor Signature [Signature]

Witnessed by:

Witness Name: Maayan Harel Bar Zion Signature [Signature]

Witness Name: _____ Signature _____

Subscribed and executed at Boston, MA USA
City Country

On 3/16/2020
Date

Inventor Name: Atousa NOURMAHNAD

Inventor Signature Atousa N.

Witnessed by:

Witness Name: _____ Signature _____

Witness Name: _____ Signature _____

Subscribed and executed at _____
City Country

On _____
Date

Inventor Name: David MARESCA

Inventor Signature _____

Witnessed by:

Witness Name: _____ Signature _____

Witness Name: _____ Signature _____

Subscribed and executed at _____
City Country

On _____
Date

Inventor Name: Atousa NOURMAHNAD

Inventor Signature _____

Witnessed by:

Witness Name: _____ Signature _____

Witness Name: _____ Signature _____

Subscribed and executed at Delft The Netherlands
City Country

On 03/24/2020
Date

Inventor Name: David MARESCA

Inventor Signature 

Witnessed by:

Witness Name: _____ Signature _____

Witness Name: _____ Signature _____

Authorized to act for and on behalf of the Assignee,
CALIFORNIA INSTITUTE OF TECHNOLOGY

Assignee's Officer Name: _____

Assignee's Office Title: _____

Assignee's Officer Signature: _____