# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6053550

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	SECURITY INTEREST	

## **CONVEYING PARTY DATA**

Name	Execution Date
DISCOVERY TECHNOLOGY INTERNATIONAL, INC.	03/27/2020

## **RECEIVING PARTY DATA**

Name:	DTI MOTION CORP.	
Street Address:	et Address: 6968 PROFESSIONAL PARKWAY EAST	
City:	SARASOTA	
State/Country:	FLORIDA	
Postal Code:	Postal Code: 34240	

## **PROPERTY NUMBERS Total: 17**

Property Type	Number
Patent Number:	8183743
Patent Number:	8299684
Patent Number:	8710719
Patent Number:	8183744
Patent Number:	7395607
Patent Number:	8183740
Patent Number:	8183741
Patent Number:	7876022
Patent Number:	8183742
Patent Number:	7405508
Patent Number:	9136778
Patent Number:	9705425
Patent Number:	8979065
Patent Number:	9197141
Patent Number:	9388774
Application Number:	15910764
PCT Number:	US2018020740

## **CORRESPONDENCE DATA**

**Fax Number:** (202)408-3141

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

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506006839 REEL: 052353 FRAME: 0476

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

**Phone:** 202-408-3121 X62348

**Email:** jean.paterson@cscglobal.com

Correspondent Name: CSC

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Address Line 4: WASHINGTON, D.C. 20005

ATTORNEY DOCKET NUMBER:	245077	
NAME OF SUBMITTER:	JEAN PATERSON	
SIGNATURE:	/jep/	
DATE SIGNED:	04/09/2020	

## **Total Attachments: 5**

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## SHORT FORM INTELLECTUAL

PROPERTY SECURITY AGREEMENT This SHORT FORM INTELLECTUAL PROPERTY SECURITY AGREEMENT (as amended, restated, amended and restated, supplemented and/or otherwise modified from time to time, the "IP Security Agreement"), dated as of March 27, 2020, is made by DTI Technology International, Inc., as grantor( the "Grantor") in favor of DTI Motion Corp. as secured party ( the "Secured Party") . Capitalized terms used herein and not otherwise defined herein shall have the meanings assigned to such terms in that certain Intellectual Property Security Agreement between Grantor and Secured Party dated as of March 27,2020 (the "Intellectual Property Security Agreement") SECTION 1. Grant of Security Interest. Grantor hereby grants the Secured Party a security interest in all of such Grantor's right, title and interest in and to the following (the "Collateral"): the Patents (as defined in the Intellectual Property Security) Agreement) (and any pending applications therefor) set forth in Schedule A hereto:

SECTION 2. Security for Obligations. The grant of a security interest in the Collateral by Grantor under this IP Security Agreement secures the payment of all Obligations of the Grantor now or hereafter existing.

SECTION 3. Recordation. This IP Security Agreement has been executed and delivered by the Grantor for the purpose of recording the grant of security interest herein with the United States Patent and Trademark Office. The Grantor authorizes and requests that the the Commissioner for Patents records this IP Security Agreement.

SECTION 4. Execution in Counterparts. This IP Security Agreement may be executed in any number of counterparts, each of which when so executed shall be deemed to be an original and all of which taken together shall constitute one and the same agreement.

SECTION 5. Grants, Rights and Remedies. This IP Security Agreement has been entered into in conjunction with the provisions of the Intellectual Property Security Agreement. Each Grantor does hereby acknowledge and confirm that the grant of the security interest hereunder to, and the rights and remedies of, the Secured Party, with respect to the Collateral are more fully set forth in the Intellectual Property Security Agreement, the terms and provisions of which are incorporated herein by

reference as if fully set forth herein. In the event of any conflict between the terms of this IP Security Agreement and the terms of the Intellectual Property Security Agreement, the terms of the Intellectual Property Security Agreement shall govern. SECTION 6. Governing Law. This IP Security Agreement shall be governed by, and construed in accordance with, the laws of the State of New York.

SECTION 7. Severability. In case any one or more of the provisions contained in this IP Security Agreement should be held invalid, illegal or unenforceable in any respect, the validity. legality and enforceability of the remaining provisions contained herein and in the Intellectual Property Security Agreement shall not in any way be affected or impaired thereby (it being understood that the invalidity of a particular provision in a particular jurisdiction shall not in and of itself affect the validity of such provision in any other jurisdiction). The parties hereto shall endeavor in good-faith negotiations to replace the invalid, illegal or unenforceable provisions with valid provisions the economic effect of which comes as close as possible to that of the invalid, illegal or unenforceable provisions.

IN WITNESS WHEREOF, the undersigned parties have executed this Short Form Intellectual Property Security Agreement as of the date first above written.

DISCOVERY TECHNOLOGY

INTERNATIONAL, INC.

ACKNOWLEDGED

DTI MOTIÓN CORP.

Name:

Title:

COUNTRY	SERIAL#	PATENT #	TITLE
		8183743;	
		patent	
US	13/094,478	expires	TUBULAR LINEAR PIEZOELECTRIC MOTOR
		4/26/2031	
		1,20,2001	
		8299684;	PIEZOELECTRIC QUASI-RESONANCE LINEAR
US	  12/642,329	patent	MOTORS BASED ON ACOUSTIC STANDING
	12/042,323	expires	WAVES WITH COMBINED RESONATOR
		3/10/2031	NAMES WITH SOMESHIES RESOLUTION
		8710719;	PIEZOELECTRIC QUASI-RESONANCE LINEAR
US	13/663,917	patent	MOTORS BASED ON ACOUSTIC STANDING
03		expires	WAVES WITH COMBINED RESONATOR
		12/18/2029	With Combined Resolution
	9838002.5	2374205	PIEZOELECTRIC QUASI-RESONANCE LINEAR
EP			MOTORS BASED ON ACOUSTIC STANDING
			WAVES WITH COMBINED RESONATOR
	9838002.5		PIEZOELECTRIC QUASI-RESONANCE LINEAR
DE			MOTORS BASED ON ACOUSTIC STANDING
			WAVES WITH COMBINED RESONATOR
			PIEZOELECTRIC QUASI-RESONANCE LINEAR
FR	9838002.5	2374205	MOTORS BASED ON ACOUSTIC STANDING
			WAVES WITH COMBINED RESONATOR
	9838002.5		PIEZOELECTRIC QUASI-RESONANCE LINEAR
GB		2374205	MOTORS BASED ON ACOUSTIC STANDING
			WAVES WITH COMBINED RESONATOR
	2011-542502		PIEZOELECTRIC QUASI-RESONANCE LINEAR
JP		5722231	MOTORS BASED ON ACOUSTIC STANDING
			WAVES WITH COMBINED RESONATOR

US	12/639,172	8183744; patent expires 01/31/2030	PIEZOELECTRIC MOTOR
EU	9837891.2	2377177	PIEZOELECTRIC MOTOR
US	11/424,133	7395607; patent expires 11/30/2026	ROTATIONAL AND TRANSLATIONAL MICROPOSITION APPARATUS AND METHOD
US	12/639,232	8183740; patent expires 03/17/2030	PIEZOELECTRIC MOTOR WITH HIGH TORQUE
US	12/701,704		VALVES BASED ON REVERSIBLE PIEZOELECTRIC ROTARY MOTOR
EP	7808967.9		PIEZOELECTRIC GENERATOR OF MECHANICAL VIBRATIONS, AND PIEZOELECTRIC MOTOR BASED THEREON (VARIANTS)
US	12/463,524	7876022; patent expires 09/13/2027	PIEZOELECTRIC GENERATOR OF MECHANICAL VIBRATIONS, AND PIEZOELECTRIC MOTORS BASED ON THE GENERATOR
US	12/873,688	8183742; patent expires 01/04/2031	PIEZOELECTRIC ROTARY MOTOR WITH HIGH ROTATION SPEED AND BI-DIRECTIONAL OPERATION
US	10/876,296	7405508; patent expires 05/22/2023	MICROMANIPULATOR

US	13/778,330	9136778; patent expires 01/09/2034	NON-MAGNETIC HIGH-SPEED ROTARY PIEZOELECTRIC MOTOR
US	13/934,373	9,705,425	PIEZOELECTRIC LINEAR MOTOR
US	14/193,122	8,979,065	Piezoelectric Valve Based on Linear Actuator
CN	201480023054.8	105283676 B	Piezoelectric Valve Based on Linear Actuator
EP	14756448.8		Piezoelectric Valve Based on Linear Actuator
US	13/848,525	9,197,141	Piezoelectric Motor With Efficient Transfer Of Energy
US	14/194,104	9,388,774	Precision Purge Valve System With Pressure Assistance
US	15/910,764		Linear Piezoelectric Actuator on Rail System
PCT	PCT/US2018/020740		Linear Piezoelectric Actuator on Rail System

**RECORDED: 04/09/2020**