

PATENT ASSIGNMENT COVER SHEET

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Stylesheet Version v1.2

EPAS ID: PAT5094567

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
CHAD L. JACOBY	02/01/2018
JACOB M. JUREWICZ	05/08/2018
JOSHUA E. SIEGEL	03/12/2018
AMOS G. WINTER V.	03/07/2018
YOUNG SUK JO	02/02/2018
PATRICIA YEN	06/04/2018
GUILLERMO PAMANES CASTILLO	08/08/2018
DANIEL SCOTT DORSCH	02/08/2018
RECEIVING PARTY DATA	
Name:	MASSACHUSETTS INSTITUTE OF TECHNOLOGY
Street Address:	77 MASSACHUSETTS AVE
City:	CAMBRIDGE
State/Country:	MASSACHUSETTS
Postal Code:	02139
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15880366
CORRESPONDENCE DATA	
Fax Number:	
<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>	
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Address Line 4:	BOSTON, MASSACHUSETTS 02116
ATTORNEY DOCKET NUMBER:	MIT-17743US01
NAME OF SUBMITTER:	JONATHAN TONG
SIGNATURE:	/Jonathan Tong/

PATENT

DATE SIGNED:	08/13/2018
	This document serves as an Oath/Declaration (37 CFR 1.63).
Total Attachments: 10 source=17743 Assignment#page1.tif source=17743 Assignment#page2.tif source=17743 Assignment#page3.tif source=17743 Assignment#page4.tif source=17743 Assignment#page5.tif source=17743 Assignment#page6.tif source=17743 Assignment#page7.tif source=17743 Assignment#page8.tif source=17743 Assignment#page9.tif source=17743 Assignment#page10.tif	

ASSIGNMENT

Chad L. JACOBY, residing at 1467 Old Hickory Road, Annapolis, MD 21409; Jacob M. JUREWICZ, residing at 550 N. Kingsbury Street, Apt. 212, Chicago, IL 60654; Joshua E. SIEGEL, residing at 264 Lakewood Dr., Bloomfield Hills, MI 48304; Amos G. WINTER, V., residing at 280 Broadway, Unit 7, Somerville, MA 02145; Young Suk JO, residing at 235 Albany Street, Cambridge, MA 02139; Patricia YEN, residing at 670 Los Pinos Avenue, Milpitas, CA 95035; Guillermo Pamanes CASTILLO, residing at 205 Harvard Street, Cambridge, MA 02139; and Daniel Scott DORSCH, residing at 23 Speridakis Terrace, Cambridge, MA 02139 (each referred to as "Assignor") have made an invention(s) (the "Invention(s)") set forth in an application for patent entitled CLUTCHLESS SHIFTING OF A MANUAL TRANSMISSION, and which is a:

- (1) provisional application
 - (a) to be filed herewith; or
 - (b) bearing Application No. , and filed on ;
- (2) non-provisional application
 - (a) to be filed herewith; or
 - (b) bearing Application No. 15/880,366, and filed on January 25, 2018; and/or
- (3) PCT application
 - (a) bearing Application No. , and filed on .and/or
- (4) attached hereto.

WHEREAS, Massachusetts Institute of Technology, a University having its principal place of business at 77 Massachusetts Ave., Cambridge, MA 02139, its successors, legal representatives and assigns, (the "Assignee"), is desirous of acquiring the entire right, title, and interest in: the Invention(s); the application(s) for patent identified above; the right to file applications for patent of the United States or other countries on the Invention(s); any application(s) for patent of the United States or other countries claiming priority to, and/or the benefit of, these applications; any provisional or other right to recover any and all past, present, and future damages, including royalties, for any and all past, present, and future infringements of these application(s); and any and all patent(s) of the United States or other countries that may be granted therefor or thereon.

NOW, THEREFORE, for good and sufficient consideration, the receipt of which is hereby acknowledged, and to the extent that the Assignor has not done so already via a

prior agreement with the Assignee or a predecessor in interest of the Assignee, or if the Assignor has already done so via a prior agreement with the Assignee or a predecessor in interest of the Assignee then in confirmation of any obligation to do so in said prior agreement, the Assignor has sold, assigned, transferred, and set over, and by these presents does sell, assign, transfer, and set over, unto the Assignee, its successors, legal representatives, and assigns, the Assignor's entire right, title, and interest in:

(a) the Invention(s);

(b) the application(s) for patent identified above;

(c) the right to file applications for patent of the United States or other countries on the Invention(s), including all rights under the Hague Convention, the Paris Convention for the Protection of Industrial Property, and under the Patent Cooperation Treaty, and all rights of claiming priority in any country of the world;

(d) any application(s) for patent of the United States or other countries claiming the Invention(s);

(e) any application(s) for patent of the United States or other countries claiming priority to, and/or the benefit of, at least one of the application(s) for patent identified above or any application(s) for patent claiming the Invention(s), including any priority application(s), substitute application(s), division(s), continuation(s), and continuation(s)-in-part;

(f) any provisional or other right to recover any and all past, present, and future damages, including royalties, for any and all past, present, and future infringements of any application for patent identified in the preceding paragraphs (b)-(e) and of any and all patent(s) granted based thereon in the United States and in all other countries; and

(g) any patent(s) of the United States or other countries that may be granted for or on any application for patent identified in the preceding paragraphs (b)-(e), including any reissue(s), reexamination(s), revival(s), renewal(s) and extension(s) of said patent(s).

The above-granted rights, titles, and interests are to be held and enjoyed by the Assignee, for its own use and behalf and the use and behalf of its successors, legal representatives, and assigns, as fully and entirely as the same would have been held and enjoyed by the Assignor had this sale and assignment not been made.

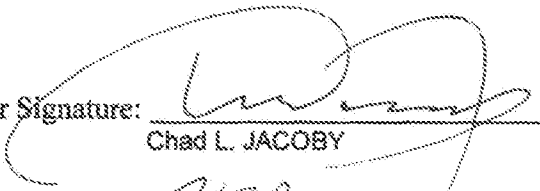
The Assignor hereby represents to the Assignee, its successors, legal representatives, and assigns, that, at the time of execution and delivery of these presents, or if applicable, at such time said prior agreement was executed, the Assignor is a lawful owner of an undivided interest in the entire right, title, and interest in and to the Invention(s), that the Invention(s) are unencumbered, except, if applicable, by obligation

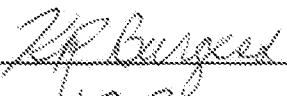
to assign in accordance with said prior agreement, and that the Assignor has good and full right and lawful authority to sell and convey the same in the manner set forth herein, and that Assignor will not make or enter into any assignment, sale, agreement or encumbrance which would conflict with these presents.

The Assignor hereby covenants and agrees to and with the Assignee, its successors, legal representatives, and assigns, that the Assignor will sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done in connection with any and all proceedings for the procurement, maintenance, enforcement and defense of the Invention(s), said application(s), and said patent(s), including interference and derivation proceedings, and any post-grant proceedings (e.g., opposition proceedings, post-grant reviews, *Inter partes* reviews, supplemental examinations, etc.) without charge to the Assignee, its successors, legal representatives, and assigns, but at the cost and expense of the Assignee, its successors, legal representatives, and assigns.

The Assignor hereby authorizes and requests the attorneys of COOLEY LLP to insert in the spaces provided above the filing date, the application number, and the attorney docket number of the application(s) identified above when known.

The Assignor hereby requests the Commissioner of Patents to issue said patents of the United States to the Assignee for the sole use and behalf of the Assignee, its successors, legal representatives, and assigns.

Inventor Signature:  Date: 1 FEB 18
Chad L. JACOBY

Witness Signature:  Date: 1 FEB 18
Print Witness Name: K.R. BURGESS

Inventor Signature: _____ Date: _____
Jacob M. JUREWICZ

Witness Signature: _____ Date: _____

Print Witness Name: _____

Inventor Signature: _____ Date: _____
Joshua E. SIEGEL

Witness Signature: _____ Date: _____

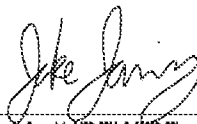
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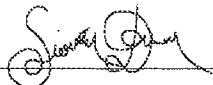
Attorney Docket No. Error! Unknown document property name.

Inventor Signature: _____ Date: _____
Chad L. JACOBY

Witness Signature: _____ Date: _____

Print Witness Name: _____

Inventor Signature:  _____ Date: May 8th, 2018
Jacob M. JUREWICZ

Witness Signature:  _____ Date: May 8th, 2018

Print Witness Name: Siobhan Duncan

Inventor Signature: _____ Date: _____
Joshua E. SIEGEL

Witness Signature: _____ Date: _____

Print Witness Name: _____

Inventor Signature: _____
Chad L. JACOBY

Date: _____

Witness Signature: _____

Date: _____

Print Witness Name: _____

Inventor Signature: _____
Jacob M. JUREWICZ

Date: _____

Witness Signature: _____

Date: _____

Print Witness Name: _____

Inventor Signature: _____
Joshua E. SIEGEL

Date: 3/12/18

Witness Signature: _____

Date: 3/17/18

Print Witness Name: Shawn Pratt

Attorney Docket No. Error! Unknown document property name.

Attorney Docket No. MITX-7743/01US 317239-2835

Inventor Signature:  Date: 3/7/18
Amos G. WINTER ✓

Witness Signature: _____ Date: _____

Print Witness Name: _____

Inventor Signature: _____ Date: _____
Young Suk JO

Witness Signature: _____ Date: _____

Print Witness Name: _____

Inventor Signature: _____ Date: _____
Patricia YEN

Witness Signature: _____ Date: _____


Print Witness Name: _____

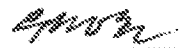
Attorney Docket No. 오류! 알려지지 않은 문서 속성 이름입니다.

Inventor Signature: _____ Date: _____
Amos G. WINTER

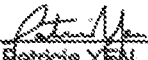
Witness Signature: _____ Date: _____

Print Witness Name: _____

Inventor Signature:  _____ Date: 02/02/2018
Young Suk JO

Witness Signature:  _____ Date: 02/02/2018


Print Witness Name: Seung hoon Woo

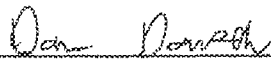
Inventor Signature:  _____ Date: 06/04/2018
Patricia YEN

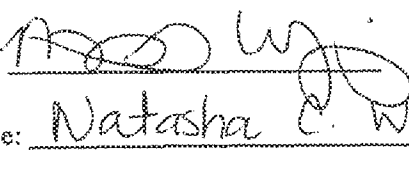
Witness Signature: _____ Date: _____

Print Witness Name: _____

Inventor Signature:  Date: 08/08/2018
Guillermo Pamanes CASTILLO

Witness Signature:  Date: 08/08/2018
Print Witness Name: Alexander G. Crocco

Inventor Signature:  Date: 2/8/18
Daniel Scott DORSCH

Witness Signature:  Date: 2/8/2018
Print Witness Name: Natasha C. Wright

For and on behalf of the Assignee:




Date: 8/9/18

By: Lauren C. Foster

Name: Associate Director

Title: Technology Licensing Office

University: Massachusetts Institute of Technology

Witness Signature: 

Date: Aug 9, 2018

Print Witness Name: Emma Blades