

<b>PATENT ASSIGNMENT COVER SHEET</b>
--------------------------------------

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT4316173

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
EDGAR A. MARTINEZ	03/09/2017
NICHOLAS P. ZIRALDO	03/09/2017
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	HONDA PATENTS & TECHNOLOGIES NORTH AMERICA, LLC.
<b>Street Address:</b>	21001 STATE ROUTE 739
<b>City:</b>	RAYMOND
<b>State/Country:</b>	OHIO
<b>Postal Code:</b>	43067-9705
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15457232
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(202)748-5915
<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>	
<b>Phone:</b>	202 748-5902
<b>Email:</b>	ip@kviplaw.com, jtuncay@kviplaw.com, yhassan@kviplaw.com
<b>Correspondent Name:</b>	KENEALY VAIDYA LLP/HONDA
<b>Address Line 1:</b>	3000 K STREET, N.W.
<b>Address Line 2:</b>	SUITE 310
<b>Address Line 4:</b>	WASHINGTON, D.C. 20007
<b>ATTORNEY DOCKET NUMBER:</b>	3009-0317
<b>NAME OF SUBMITTER:</b>	ERIC D. MOREHOUSE
<b>SIGNATURE:</b>	/Eric D. Morehouse/
<b>DATE SIGNED:</b>	03/13/2017
<b>Total Attachments: 2</b>	
source=H1170023US01_20170309_Assign_Signed#page1.tif	
source=H1170023US01_20170309_Assign_Signed#page2.tif	

## ASSIGNMENT

WHEREAS WE, the below named inventors, [hereinafter referred to as Assignors], have made an invention entitled:

### FASTENER APPARATUS, AND METHODS OF USE AND MANUFACTURE THEREOF

for which WE executed an application for United States Letters Patent concurrently herewith; and

WHEREAS Honda Patents & Technologies North America, LLC, a limited liability company formed under the laws of California, whose post office address is 21001 State Route 739, Raymond, OH 43067-9705, United States (hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention in all countries throughout the world, and in and to the application of United States Letters Patent on this invention and the Letters Patent to be issued upon this application;

NOW THEREFORE, be it known that, for and in consideration of good and valuable consideration the receipt of which from Assignee is hereby acknowledged, WE, as assignors, have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the Assignee, its lawful successors and assigns, OUR entire right, title, and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof, and all rights to claim priority on the basis of such applications, and all applications for Letters Patent which may hereafter be filed for this invention in any foreign country and all Letters Patent which may be granted on this invention in any foreign country, and all extensions, renewals, and reissues thereof; and WE hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any foreign country whose duty it is to issue patents on applications as described above, to issue all Letters Patent of this invention to Assignee, its successors and assigns, in accordance with the terms of this Assignment;

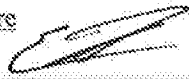

AND, WE HEREBY covenant that WE have the full right to convey the interest assigned by this Assignment, and WE have not executed and will not execute any agreement in conflict with this Assignment;

AND, WE HEREBY further covenant and agree that WE will, without further consideration, communicate with Assignee, its successors and assigns, any facts known to US respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title to this invention in said Assignee, its successors or assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid Assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States and any foreign country, it being understood that any expense incident to the execution of such papers shall be borne by the Assignee, its successors and assigns.

AND, WE HEREBY authorize and request the attorneys empowered by Honda Patents & Technologies North America, LLC, in this application, to insert here in parentheses (Application No. 15/457,232, filed March 13, 2017) the filing date and application number of said application when known.

KENEALY VAIDYA LLP

IN TESTIMONY WHEREOF, I have hereunto set my hand.

<u>Full Name of First Assignor</u> Edgar A. MARTINEZ	<u>Assignor's Signature</u> 	<u>Date</u> 03/09/2017
<u>Address:</u> c/o Honda Patents & Technologies North America, LLC 21001 State Route 739, Raymond, Ohio 43067-9705		<u>Citizenship</u> United States
<u>Full Name of Second Assignor</u> Nicholas P. ZIRALDO	<u>Assignor's Signature</u> 	<u>Date</u> 3/9/2017
<u>Address:</u> c/o Honda Patents & Technologies North America, LLC 21001 State Route 739, Raymond, Ohio 43067-9705		<u>Citizenship:</u> United States
NAMES OF ADDITIONAL INVENTORS ATTACHED <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		

KENEALY VAIDYA LLP