

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT5048148

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
KAMRAN EFTEKHARI SHAHROUDI	07/14/2017
BARRY BRINKS	07/21/2017
RECEIVING PARTY DATA	
Name:	WOODWARD, INC.
Street Address:	1081 WOODWARD WAY
City:	FORT COLLINS
State/Country:	COLORADO
Postal Code:	80524
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16033902
CORRESPONDENCE DATA	
Fax Number:	(877)769-7945
<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:	214-292-4039
Email:	apsi@fr.com
Correspondent Name:	FISH & RICHARDSON P.C.
Address Line 1:	P.O. BOX 1022
Address Line 4:	MINNEAPOLIS, MINNESOTA 55440-1022
ATTORNEY DOCKET NUMBER:	43530-0008001
NAME OF SUBMITTER:	PEGGY C. HARRIS
SIGNATURE:	/Peggy C. Harris/
DATE SIGNED:	07/12/2018
Total Attachments: 3	
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source=43530-0008001_Assignment#page3.tif	

ASSIGNMENT

For valuable consideration, the receipt of which we acknowledge, and intending to be bound legally, we, KAMRAN EFTEKHARI SHAHROUDI, and BARRY BRINKS, each individually assign to WOODWARD, INC., a corporation formed under the laws of Delaware and having a principal place of business at 1081 Woodward Way, Fort Collins, CO 80524, and its successors, transferees, and assignees (collectively the "Assignee"), all of our individual and joint right, title, and interest throughout the world in the subject matter (the "Subject Matter") of a patent application that names us as inventors, is titled "UNSUPPORTED PISTON WITH MOVING SEAL CARRIER," and was filed in the United States Patent and Trademark Office on July 14, 2017, as application 62/532,785 (the "Application").

This Assignment assigns (a) the Application and all other applications that may be made for, and all patents, utility models, design registrations, and other rights of exclusion and inventors' certificates for, any of the Subject Matter (collectively the "Applications and Granted Rights") in every country or region, (b) the right to claim priority based on and the benefit of the filing date of any of the Applications and Granted Rights under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other applicable treaties or conventions, and (c) the right to pursue, collect, and retain in the Assignee's name or otherwise, damages and any other remedies arising from any past, present, or future infringement of the Subject Matter, the Applications and Granted Rights, and any other rights assigned by this Assignment.

We authorize the Assignee to apply for and pursue protection for any or all of the Subject Matter, the Applications and Granted Rights, and any other rights assigned by this Assignment in all countries, regions, and territories of the world, in our names or in the Assignee's name.

We represent and warrant that we have the right and power to make this Assignment and that we have not made and will not make any other assignment that conflicts with this Assignment.

We will communicate to the Assignee (or at the request of the Assignee to other parties) all known facts in any form relating to the Subject Matter, will execute and provide all oaths and declarations, statements, testimony, assignments, powers of attorney, applications, and

documents, and will perform all other lawful acts necessary or desirable to secure fully to the Assignee the rights, titles, and interests assigned by this Assignment.

[Signature]
Kamran Eftekhari Shahroudi

DATE: July 14, 2017.

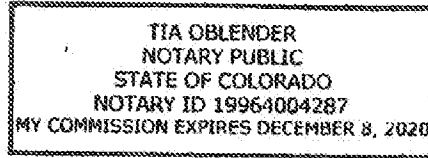
State of Colorado

County of Lincoln

The foregoing instrument was acknowledged before me this 14th of July 2017 by Kamran Shahroudi

[Signature]
(Notary's official signature)

12-08-2020
(Commission expiration date)



Barry Brinks
Barry Brinks

DATE: 21 July 2017

State of Colorado

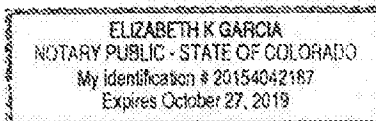
County of Larimer

The foregoing instrument was acknowledged before me this 21st day of July 2017 by

Barry Brinks

Elizabeth K Garcia
(Notary's official signature)

10/27/2019
(Commission expiration date)



The Assignee hereby acknowledges and accepts the foregoing assignment.

Assignee: WOODWARD, INC

Signature: [Signature]

Date: 10/27/2017

Name: Harvey Dunn

Title: Director, Intellectual Property

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