

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

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT7239442

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
DAMIANO PASINI	03/28/2021
LU LIU	03/27/2021
CHUAN QIAO	03/26/2021
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	THE ROYAL INSTITUTION FOR THE ADVANCEMENT OF LEARNING/MCGILL UNIVERSITY
<b>Street Address:</b>	845 SHERBROOKE STREET WEST
<b>Internal Address:</b>	UNIT 211
<b>City:</b>	MONTREAL
<b>State/Country:</b>	CANADA
<b>Postal Code:</b>	H3A 0G4
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	17655942
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	
<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>	514-847-4998
<b>Email:</b>	andrea.shand@nortonrosefulbright.com
<b>Correspondent Name:</b>	NORTON ROSE FULBRIGHT CANADA LLP
<b>Address Line 1:</b>	1 PLACE VILLE MARIE
<b>Address Line 2:</b>	SUITE 2500
<b>Address Line 4:</b>	MONTREAL, CANADA H3B 1R1
<b>ATTORNEY DOCKET NUMBER:</b>	05001770-904US
<b>NAME OF SUBMITTER:</b>	BENOIT MALOUIN
<b>SIGNATURE:</b>	/Benoit Malouin/
<b>DATE SIGNED:</b>	03/23/2022
<b>Total Attachments: 3</b>	
source=assignment#page1.tif	

source=assignment#page2.tif

source=assignment#page3.tif

## ASSIGNMENT OF INVENTION - WORLDWIDE

WHEREAS, the undersigned assignors

**Damiano PASINI** of Montréal, Quebec, Canada;

**Lu LIU** of Xicheng District, Beijing, China; and

**Chuan QIAO** of Montréal, Quebec, Canada;

(the "Assignors"), all with a mailing address of c/o MCGILL UNIVERSITY, Office of Sponsored Research, 845 Sherbrooke Street West, unit 211, Montréal QC H3A 0G4, Canada; own an invention relating to and entitled

### BI-SHELL PNEUMATIC VALVE

(the "Invention"), as set forth and described in United States Provisional Patent Application No. 63/164,117 filed on March 22, 2021;

AND WHEREAS,

**THE ROYAL INSTITUTION FOR THE ADVANCEMENT OF LEARNING/MCGILL UNIVERSITY**  
of Office of Sponsored Research, 845 Sherbrooke Street West, unit 211, Montréal QC H3A 0G4,  
Canada (the "Assignee")

desires to acquire the entire right, title, interest, property and benefit in and for Canada, and all other countries in the world, in and to the Invention held by the Assignors;

NOW THEREFORE, in consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the Assignors agree to and do hereby:

sell, assign, transfer and set over to the Assignee, and to the Assignee's successors, assigns, nominees or other legal representatives, its entire right, title, interest, property and benefit including any right to sue for past infringements in and for Canada, and all other countries and jurisdictions in the world, in and to the Invention, any and all applications filed therefor, including any and all corresponding applications whether in the form of divisions, continuations, re-examinations, re-issues and extensions thereof, any and all patents that may issue, be granted or result therefrom for the Invention, and any and all rights of priority resulting from the filing of any of the above-identified applications and any previously filed applications in respect of the Invention under international conventions, treaties or otherwise, the same to be held and enjoyed as fully and exclusively as the same would have been held and enjoyed by any and all of the Assignors had this assignment not been made;

do all lawful acts and to execute and deliver, without further consideration, all further documents as may reasonably be required by the Assignee, or by its successors, assigns, nominees, or other legal representatives, to obtain said patents in Canada and all other countries and jurisdictions for the Invention and vests or secures the same in the Assignee, and in the Assignee's successors, assigns, nominees or other legal representatives; and

grant to said Assignee, its successors, assigns, nominees or other legal representatives, including its patent agent **NORTON ROSE FULBRIGHT CANADA LLP/S.E.N.C.R.L., s.r.l.**, the power to insert on this assignment any further information which may be necessary or desirable in order to comply with statutory requirements for recordation of this document.

ASSIGNORS UNDERSTAND AND AGREE that the attorneys and agents of the law firm of Norton Rose Fulbright Canada LLP/S.E.N.C.R.L., s.r.l. do not personally represent Assignors or their legal interests, but instead represent the interests of Assignee. Since Norton Rose Fulbright Canada LLP/S.E.N.C.R.L., s.r.l. cannot provide legal advice to Assignors with respect to this Assignment, Assignors acknowledge their right to seek their own independent legal counsel.

THIS ASSIGNMENT may be executed in counterparts, all of which shall be considered one and the same agreement, and is binding on the heirs, executors, successors and administrators of the Assignors.

DATED this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_

*Theresa Neurohr Pasin*

\_\_\_\_\_  
Name: Theresa-Neurohr Pasin  
Witness

By:

*Damiano Pasini*

\_\_\_\_\_  
Name: Damiano PASINI

March 28, 2021

Date:

\_\_\_\_\_

*Ruizhe Ma*

\_\_\_\_\_  
Name: Ruizhe Ma  
Witness

By:

*Lu Liu*

\_\_\_\_\_  
Name: Lu LIU

Date: 2021.03.27

\_\_\_\_\_

Ruizhe Ma  
Name: Ruizhe Ma  
Witness

By: Chuan Qiao  
Name: Chuan QIAO

Date: 2021.03.26

**THE ROYAL INSTITUTION FOR THE  
ADVANCEMENT OF LEARNING/MCGILL  
UNIVERSITY**

[Signature]  
Name:  
Witness

By: [Signature]  
Name: Olivia Novac  
Title: Associate Director, Technology  
Transfer

Date: 2021-03-29

**Declaration of Witness**

Each witness hereby declares that he/she was personally present and did see the person or inventor for which he/she is witnessing duly sign and execute the foregoing assignment on the day and year set forth above and hereby authenticates the signature of the person or inventor.