

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT5750313

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
AHMED ALFADHEL	10/02/2019
MENG-CHUN HSU	10/01/2019
DAVID A. BORKHOLDER	08/05/2019
RECEIVING PARTY DATA	
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State/Country:	NEW YORK
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PROPERTY NUMBERS Total: 2	
Property Type	Number
Application Number:	62428861
Application Number:	15829565
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Address Line 4:	ROCHESTER, NEW YORK 14625
ATTORNEY DOCKET NUMBER:	330P226 /330P226A
NAME OF SUBMITTER:	JOSEPH NOTO
SIGNATURE:	/Joseph Noto/
DATE SIGNED:	10/02/2019
Total Attachments: 4	
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ASSIGNMENT

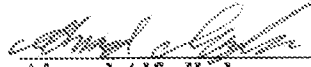
WHEREAS, **Ahmed Alfadhel**, a citizen of Yemen, residing at 71 East Squire Drive, Apt. 6, Rochester, New York 14623, **Meng-Chun Hsu**, a citizen of Taiwan, residing at 228-4 Robert Quigley Drive, Scottsville, New York 14546, and **David A. Borkholder**, a citizen of the United States of America, residing at 4752 West Lake Road, Canandaigua, New York 14424 have invented certain new and useful improvements in **NEMATODE-INSPIRED MAGNETIC NANOCOMPOSITE ACTUATOR AS A PASSIVE ONE-WAY MICROFLUIDIC VALVE** for which an application for Letters Patent in the United States was filed as U.S. Provisional Application No. 62/428861, on December 1, 2016, and have invented certain new and useful improvements in **CAPSULE, IN-LINE MAGNETIC VALVE SYSTEM AND METHOD** for which an application for Letters Patent in the United States was filed as U.S. Serial No. 15/829,565, on December 1, 2017;

AND WHEREAS, **Rochester Institute of Technology**, with its principal place of business at **145 Lomb Memorial Drive, Rochester, New York 14623-5603**, desires to acquire the entire right, title and interest in and to the said improvements and the said Application:

NOW, THEREFORE, for good and valuable consideration, including salary or payment for the making of inventions, or employee benefits, the receipt of which is hereby acknowledged, we, the said inventors, do hereby acknowledge that we have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said **Rochester Institute of Technology**, its successors, legal representatives and assigns, the entire right, title and interest throughout the world in, to and under the said improvements, and the said application and all divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all rights of priority under International Conventions and applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and we hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvements to the said **Rochester Institute of Technology**, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND I HEREBY covenant and agree that we will communicate to the said **Rochester Institute of Technology**, its successors, legal representatives and assigns, any facts known to us respecting said improvements and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid the said **Rochester Institute of Technology**, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

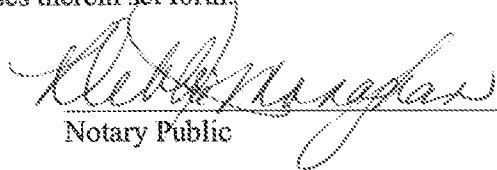
IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 2 day
of 10, 2019


Ahmed Alfadhel

STATE OF NY)

COUNTY OF Monroe)

This 2 day of October, 2019 before me personally came
the above-named **Ahmed Alfadhel**, to me personally known as the individual who executed
the same of his/her own free will for the purposes therein set forth.


Notary Public

DEBBIE J. MONAGHAN
NOTARY PUBLIC-STATE OF NEW YORK
No. 01MO6378672
Qualified in Monroe County
My Commission Expires 07-30-2022

Commission expires on 7/30/2022

Prov. Application No. 62/428,861
Non-Prov. Application No. 15/829,565
Attorney Docket No. 330P226/A
RIT Ref. 2017-013-01

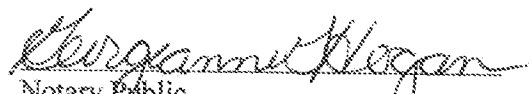
IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 1st day
of October, 2019


Meng-Chun Hsu

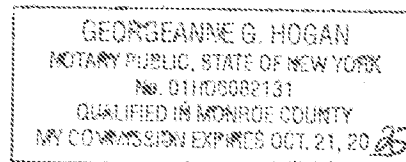
STATE OF New York)

COUNTY OF Monroe)

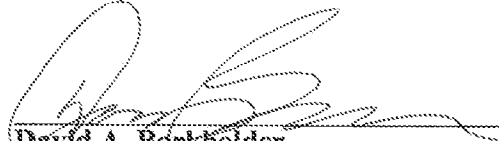
This 1st day of October, 2019 before me personally came
the above-named Meng-Chun Hsu, to me personally known as the individual who executed
the same of his/her own free will for the purposes therein set forth.


Notary Public

Commission expires on 10/21/22



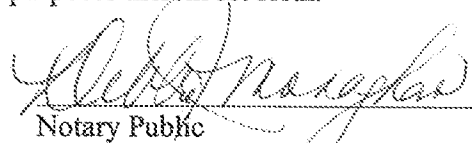
IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 5 day
of August, 2019


David A. Borkholder

STATE OF NY)
COUNTY OF Monroe)

This 5 day of August, 2019 before me personally came
the above-named **David A. Borkholder**, to me personally known as the individual who
executed the same of his/her own free will for the purposes therein set forth.

DEBBIE J. MONAGHAN
NOTARY PUBLIC-STATE OF NEW YORK
No. 01MO6378672
Qualified in Monroe County
My Commission Expires 07-30-2022


Notary Public

Commission expires on 7/30/2022