

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
TONGUC ONUR TASCI	08/09/2016
KEITH B. NEEVES	05/04/2016
DAVID W.M. MARR	05/04/2016
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PROPERTY NUMBERS Total: 2	
Property Type	Number
Application Number:	15069681
Application Number:	62132682
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NAME OF SUBMITTER:	HIWOT M. COVELL
SIGNATURE:	/Hiwot M. Covell/
DATE SIGNED:	09/07/2016
Total Attachments: 5	
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ASSIGNMENT

WHEREAS, we, Tonguc Onur Tasci of 36 S. Holman Way #1B, Golden, CO 80401; Keith B. Neeves of 1060 Milwaukee St., Denver, CO 80206; and David W.M. Marr of 21508 Mountsfield Dr., Golden, CO 80401, have invented a certain new and useful invention entitled "**MAGNETIC-FIELD DRIVEN COLLOIDAL MICROBOTS EMPLOYING WALL-BASED PROPULSION,**" for which a non-provisional application for Letters Patent of the United States has been prepared and filed on March 14, 2016 receiving Serial No. 15/069,681, and a provisional United States patent application has been prepared and filed on March 13, 2015, receiving Serial No. 62/132,682 and further identified as Attorney File No.4283-128-PROV;

NOW THEREFORE, be it known that we, the said inventors, for and in consideration of certain good and valuable consideration, the sufficiency and receipt of which is hereby acknowledged, at the request of the assignee do sell, assign, and transfer unto said assignee, Colorado School of Mines having a place of business at 1500 Illinois Street, Golden, CO 80401, its successors, legal representatives, and assigns, the aforesaid patent applications, the invention(s) described therein and any modification and/or improvement(s) to the invention(s) thereof and all continuation, divisional, continuation-in-part, and reissue applications associated therewith; all corresponding patent applications in foreign countries; all applications pursuant to the Patent Cooperation Treaty; all applications for extension filed or to be filed for the invention(s), improvements and/or modifications; and all Letters Patent, Invention Registrations, Utility Models, Extensions, Reissues, and other patent rights obtained for the invention(s), improvements and/or modifications in the United States or any other country;

We also assign any right, title, and interest in and to the invention(s), improvements and/or modifications, which has not already been transferred to the assignee;

We warrant that we have made no assignment of the invention(s), application(s), and/or patent therefor to a party other than Colorado School of Mines, and we are under no obligation to make any assignment of the invention(s), including improvements and/or modifications to the invention(s), application(s), or patent(s) therefor to any other party; and

We further agree to cooperate with the assignee hereunder in the obtaining and sustaining of any and all such Letters Patent and in confirming assignee's exclusive ownership of the invention(s), but at the expense of said assignee.

We have reviewed and understand the contents of the application(s), including the claims thereof, which may have been amended by a preliminary amendment filed with the application(s) or which are contemplated. We affirm that the above-identified inventions and applications were made or authorized to be made by us. We acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior

application and the national or PCT international filing date of the continuation-in-part application. We hereby acknowledge that any willful false statement regarding inventorship of these applications is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

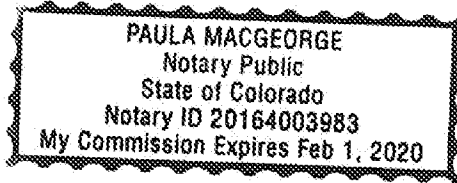
The Commissioner of Patents is hereby authorized and requested to issue the Letters Patent(s) solely in accordance with the terms of this Assignment, to Colorado School of Mines, its successors, legal representatives, and assigns, as the assignee of the entire right, title, and interest therein.

IN WITNESS WHEREOF, the parties hereto have executed this Assignment as of the date indicated hereunder.

Date: 08.09.2016

By: *[Signature]*
Tonguc Onur Tasci

STATE OF Colorado)
) ss.
COUNTY OF Jefferson)



Before me, a Notary Public in and for said County and State, personally appeared **Tonguc Onur Tasci**, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he/she executed the same for the purposes and considerations therein expressed.

Given under my hand and seal of office this 9 day of August, 2016 PM

Paula MacGeorge
Notary Public

My commission expires: 2/1/2020

Date: 5/4/16

By: *DW Marr*
David W.M. Marr

STATE OF Colorado)
) ss.
COUNTY OF Jefferson)

Before me, a Notary Public in and for said County and State, personally appeared **David W.M. Marr**, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he/she executed the same for the purposes and considerations therein expressed.

Given under my hand and seal of office this 4th day of May, 2016.

Susan Jean Potter
Notary Public

My commission expires: February 17, 2017.

SUSAN JEAN POTTER
NOTARY PUBLIC
STATE OF COLORADO
NOTARY ID # 19974000417
MY COMMISSION EXPIRES FEBRUARY 17, 2017