503686756 02/11/2016

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT3733393

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JIAN CAO	06/03/2013
KORNEL F. EHMANN	06/03/2013
QIANG ZENG	06/03/2013

RECEIVING PARTY DATA

Name:	NORTHWESTERN UNIVERSITY
Street Address:	633 CLARK STREET
City:	EVANSTON
State/Country:	ILLINOIS
Postal Code:	60208

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	15040156	

CORRESPONDENCE DATA

Fax Number: (773)570-3328

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.

7735703330 Phone:

mcooper@kandrip.com Email:

KLINTWORTH & ROZENBLAT IP LLC **Correspondent Name:**

Address Line 1: 850 WEST JACKSON BLVD.

Address Line 2: **SUITE 525**

Address Line 4: CHICAGO, ILLINOIS 60607

ATTORNEY DOCKET NUMBER:	NWN01-049-US-CON
NAME OF SUBMITTER:	PAUL M. MCGINLEY
SIGNATURE:	/Paul M. McGinley/
DATE SIGNED:	02/11/2016

Total Attachments: 3

source=NU2013-068-02 EXECUTED ASSIGNMENT 14259815 (JIAN CAO ET AL)#page1.tif source=NU2013-068-02 EXECUTED ASSIGNMENT 14259815 (JIAN CAO ET AL)#page2.tif source=NU2013-068-02 EXECUTED ASSIGNMENT 14259815 (JIAN CAO ET AL)#page3.tif

PATENT REEL: 037706 FRAME: 0400 503686756

ASSIGNMENT

WHEREAS, WE, JIAN CAO, KORNEL EHMANN, and QIANG ZENG, (hereinafter collectively referred to as ("ASSIGNORS") have invented certain new and useful improvements as described and set forth in the below-identified application for United States Letters Patent:

Title: Tri-pyramid Robot: a 3-DOF Translational Parallel Manipulator Serial No.: 61/814,922 Filing Date: April 23, 2013

WHEREAS, Northwestern University, an Illinois not-for-profit corporation, having a place of business at 633 Clark Street, Evanston, Illinois 60208, hereinafter referred to as "ASSIGNEE," is desirous of acquiring the entire right, title and interest in said invention and application and in any Letters Patent which may be granted on the same;

NOW THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for good and valuable consideration, receipt of which is hereby acknowledged, ASSIGNORS have sold, assigned and transferred, and by these presents do sell, assign and transfer unto said ASSIGNEE, and ASSIGNEE's successors and assigns, all right, title and interest in and to said invention, said application for United States Letters Patent, and any Letters Patent which may hereafter be granted on the same in the United States and all countries throughout the world, including any divisions, renewals, continuations in whole or in part, substitutions, conversions, reissues, or prolongations or extensions thereof, said interest to be held and enjoyed by said ASSIGNEE as fully and exclusively as it would have been held and enjoyed by said ASSIGNORS had this assignment and transfer not been made, to the full extent and term of any Letters Patent.

ASSIGNORS further agree that ASSIGNORS will, without charge to said ASSIGNEE, but at ASSIGNEE's expense, cooperate with ASSIGNEE in the prosecution of said application and/or applications; execute, verify, acknowledge, and deliver all such further papers, including applications for Letters Patent and for the reissue thereof, and instruments of assignment and transfer thereof; and perform such other acts as ASSIGNEE lawfully may request, to obtain or maintain Letters Patent for said invention and improvement in any and all countries, and to vest title thereto in said ASSIGNEE, or ASSIGNEE's successors and assigns.

IN TESTIMONY WHEREOF, ASSIGNORS have hereunto signed ASSIGNORS' names to this Assignment on the date indicated below.

m.Com	6/3/2013	
JIAN AO	DATE	
JIAN AO State of LLIVOIS	_	
County of (0)	SS. -	
aforesaid, appeared, to me per	, 2013, before me, a Notary Public in and sonally known to be the same person whose name is subscribe the executed said instrument as his or her free and voluntary a NOTARY PUBLIC	ed to the foregoing instrument
[NOTARY SEAL]	My Commission Expires: <u>10/23//</u>	6

OFFICIAL SEAL
ANA MARIA ANDRAS
NOTARY PUBLIC - STATE OF ILLINOIS
MY COMMISSION EXPIRES:(0/23/16

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Assignment for Execution

Title: Tri-pyramid Robot: a 3-DOF Translational Parallel Manipulator

Serial No.: 61/814,922

Filing Date: April 23, 2013

State of VIVIS

County of 100k

_____, 2013, before me, a Notary Public in and for the County and State On this aforesaid, appeared, to me personally known to be the same person whose name is subscribed to the foregoing instrument, and acknowledged that he or she executed said instrument as his or her free and voluntary act and for the uses and purposes therein expressed.

[NOTARY SEAL]

NOTARY PUBLIC

My Commission Expires: 10/23/16

OFFICIAL SEAL ana maria anoras NOTARY PUBLIC - STATE OF ILLUNOIS MY COMMISSION EXPIRES: 10/23/16

Assignment for Execution

Title: Tri-pyramid Robot: a 3-DOF Translational Parallel Manipulator

Serial No.: 61/814,922

Filing Date: April 23, 2013

(12)20) 06/3/2013 QIANG ZENG DATE

State of 12/10/5

County of COOK

NÖTARY PUBLIC

[NOTARY SEAL]

My Commission Expires: <u>\(\lambda\/23\/\lambda\</u>

OFFICIAL SEAL
ANA MARIA ANDRAS
NOTARY PUBLIC ON EXPIRES 18/23/16

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RECORDED: 02/11/2016