#### 505871867 01/20/2020

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5918695

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
GONGYAO ZHOU	01/13/2020
STEVEN K. LEIST	08/15/2019
DANUEL E. HAGAMAN	06/20/2019
HAIFENG JI	08/14/2019

#### **RECEIVING PARTY DATA**

Name:	DREXEL UNIVERSITY	
Street Address:	3141 CHESTNUT STREET	
City:	PHILADELPHIA	
State/Country:	PENNSYLVANIA	
Postal Code:	19104	

#### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	16432664

### **CORRESPONDENCE DATA**

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**Correspondent Name:** JOSEPH E MAENNER Address Line 1: 2723 STOCKLEY LANE

Address Line 4: DOWNINGTOWN, PENNSYLVANIA 19335

ATTORNEY DOCKET NUMBER:	DRE-060
NAME OF SUBMITTER:	JOSEPH E. MAENNER
SIGNATURE:	/Joseph E. Maenner/
DATE SIGNED:	01/20/2020

#### **Total Attachments: 5**

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> **PATENT** REEL: 051552 FRAME: 0894 505871867

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> PATENT REEL: 051552 FRAME: 0895

### <u>ASSIGNMENT</u>

WHEREAS, we, Gongyao Zhou, an individual with a post office address of 224 Hoyer Court, Wilmington, DE 19803, Steven K. Leist, an individual with a post office address of 100 W. Oxford Street, Apt. E-307, Philadelphia, PA 19122, Daniel E. Hagaman, an individual with a post office address of 316 Tavistock Road, Cherry Hill, NJ 08034, and Haifeng Ji, an individual with a post office address of 126 Rue Du Boise, Cherry Hill, NJ 08003, hereinafter generally referred to as "ASSIGNORS", have invented a certain new and useful

# **Externally Activated Shape Changing Device**

for which we have executed a United States patent application, Application No. 16/432,664 filed June 5, 2019, and

ASSIGNORS authorize ASSIGNEE or ASSIGNEE's representative to insert the Application Number and Filing date of this application if they are unknown at the time of execution of this Assignment.

WHEREAS, Drexel University, having a place of business at 3141 Chestnut Street, Philadelphia, Pennsylvania 19104, hereinafter generally referred to as "ASSIGNEE", is desirous of acquiring said invention and said patent application.

NOW, THEREFORE, in consideration of the sum of One Dollar and other good and valuable executed consideration, the full receipt and sufficiency of all of which are hereby acknowledged, and intending to be legally bound hereby, we, the undersigned ASSIGNORS, hereby agree to sell, assign, transfer and convey and by these presents do sell, assign, transfer and convey unto the above-named ASSIGNEE, our whole and entire right, title and interest

in and to said invention as described in the above patent application, for the territory of the United States and its possessions and territories and all foreign countries;

in and to the above patent application and any and all related United States and foreign patent applications disclosing said invention, including provisionals, non-provisionals, divisions and continuations thereof, along with all rights of priority created by said patent application under any treaty relating thereto; and

in and to all United States and foreign patents which may be granted on any and all of said patent applications, including extensions, reissues and reexamination certificates thereof;

in and to all software, graphical displays, user interfaces, and any and all copyrightable material developed as part of this invention under Title 17 of the U.S. Copyright Laws;

said invention, application(s) and patent(s) to be held and enjoyed by the above-named ASSIGNEE, for ASSIGNEE's own use and benefit, and for ASSIGNEE's legal representatives and assigns to the full end of the term or terms for which said patent(s) may be granted, as fully and entirely as the same would have been held by the undersigned ASSIGNORS had this assignment and sale not been made; and for the aforesaid consideration ASSIGNORS hereby covenant, agree and undertake to execute, whenever requested by the above-named ASSIGNEE, all patent applications, assignments, lawful oaths and any other papers which ASSIGNEE may deem necessary or desirable for securing to ASSIGNEE or for maintaining for ASSIGNEE all the patent(s) hereby assigned or agreed to be assigned; all without further compensation to the undersigned ASSIGNORS.

Gongyao Zhou

(Seal)

STATE OF PENNSYLVANIA

COUNTY OF PHILAGELPHICA

SS

On this 13th day of 2000, before me a notary public, the undersigned officer, personally appeared Gongyao Zhou, known to me to be the person(s) whose name(s) is/are subscribed to the within instrument, and acknowledged that they executed the same for the purposes therein contained.

**Notary Public** 

My Commission Expires:

Commonwealth of Pennsylvania - Notary Seal Dawn M. Decker, Notary Public Philadelphia County My commission expires March 10, 2023 Commission number 1192728

Member, Pennsylvania Association of Notaries

	Slovep K. Leist Koeit
STATE OF NEW JOSEY	
COUNTY OF CONDEN	SHELIA J RICHARDSON Notary Public State of New Jersey
officer, personally appeared Steven	My Commission Expires June 9, 2022  , 2019, before me a notary public, the undersigned K. Leist, known to me to be the person(s) whose name(s) ment, and acknowledged that they executed the same for the Notary Public
	My Commission Expires:
#: 	(Seal)
Date	Daniel E. Hagaman
STATE OF COUNTY OF	; ; \$\$ ;
officer, personally appeared Daniel I	
	Notary Public

Date	Steven K. Leist (Seal)
STATE OF	
COUNTY OF	SS.
COUNTY OF	
	Notary Public
	My Commission Expires:
June 20 <sup>th</sup> , 2019 Date	Daniel E. Hagaman (Seal)
STATE OF Pennsylve	ania Iphia : ss
On this <u>Op</u> day of <u>tu</u> officer, personally appeared is same(s) is/are subscribed to the same for the purposes therein	Daniel E. Hagaman, known to me to be the person(s) whose the within instrument, and acknowledged that they are a set to
	Notary Public
	My Commission Expi Commonwealth of Pennsylvania - Notary Seal es: JANETTE H DRAYTON - Notary Public Philadelphia County  My Commission Expires May 20, 2022

8/14/19 Date	Haifeng Ji (Seal)
STATE OF COUNTY OF	: : SS
On this 1444 day of August	2019, before me a notary public, the undersigned
subscribed to the within instrument, a purposes therein contained.	Ji, known to me to be the person(s) whose name(s) is/are nd acknowledged that they executed the same for the
	Notary Public  My Commission Expires:
	Communication of Passage Motion Sea Smitchy Jean Fassage Philadelphia County No. Commission Explose 11/13/2021