PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
HANG YU	04/30/2020
CHRISTOPHER A SCHUH	05/05/2020

RECEIVING PARTY DATA

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State/Country:	MASSACHUSETTS
Postal Code:	02139

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16075350

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	MIT16922J
NAME OF SUBMITTER:	THERESA A LOBER
SIGNATURE:	/Theresa A Lober Reg No 35253/
DATE SIGNED:	05/12/2020

Total Attachments: 8

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PATENT REEL: 052636 FRAME: 0698

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> PATENT REEL: 052636 FRAME: 0699

ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, the undersigned,

Christopher A. Schuh and Hang Yu

(each hereinafter "Assignor") hereby assign, sell and transfer to

Massachusetts Institute of Technology 77 Massachusetts Avenue Cambridge, Massachusetts 02139

(hereinafter "Assignee"), its successors, and assigns, Assignor's entire right, title and interest throughout the world in and to any and all inventions for:

Shape Memory Ceramic Particles and Structures Formed Thereof

described in **U.S. Application No. 16/075,350,** filed **August 3, 2018**, and in and to the aforesaid application, in any form or embodiment thereof, and in and to any application on any of the inventions filed in this and any foreign country, based thereon, including the right to file said applications, apply for patent rights, and claim priority under the provisions of any international convention or treaty; also the entire right, title, and interest throughout the world in and to any and all patents or reissues or extensions thereof to be obtained in this or any foreign country upon any of the inventions and any divisional, continuation, or substitute applications which may be filed upon said invention or inventions in this or any foreign country; and the right to sue in its own name and recover damages for past infringement of any United States Letters Patent and foreign patent; and authorize and request the issuing authority to issue any and all patents on said applications to said Assignee or its successors and assigns.

For purposes of complying with foreign requirements, the above paragraph is intended to expressly grant all the recited rights and grants in China, Korea, and Japan.

Assignor hereby warrants that he has full right to convey his entire right, title and interest, both legal and equitable, in and to said inventions, free from all prior assignments, agreements, licenses, mortgages, security interests, or other encumbrances whatsoever; and

Assignor further agrees, without further payment or compensation by said Assignee, or its successors and assigns, to communicate to said Assignee, its representatives or agents, or it successors and assigns, any facts relating to said invention or inventions including evidence for interference purposes or for other legal proceedings, whenever requested; testify in any interference or other legal proceedings whenever requested; execute and deliver, on request, all lawful papers required to make any of the foregoing provisions effective; and

Page 1 of 4

generally do everything possible to aid said Assignee, its representatives or agents, or its successors or assigns to secure, obtain, and enforce proper patent protection for said invention or inventions in this and any foreign country.

Assignor authorizes Assignee or Assignee's representative to supply and/or to correct any errors in the patent/application information provided above including, but not limited to, said applications' serial number and filing date, prior to or after recordation.

Assignor appoints Assignee, through its designee, as its attorney-in-fact to execute, in Assignor's name and on Assignor's behalf, any and all documents required to effectuate this Assignment, specifically including, but not limited to, those documents specified above and any necessary corrective assignments.

MAY	S,	20	20
DATE	•		

0452

SIGNATURE

INVENTOR: Christopher A. Schuh

ADDRESS: 4 PCAN VIEW &D

WATLAND NA

CITIZENSHIP: U.S.

WITNESS:

5/5/200 DATE

SIGNATURE

NAME:

Loslie Schuh

ADDRESS:

Waykord, IM 31778

DATE	SIGNATURE
	INVENTOR: Hang Yu
	ADDRESS:
	CITIZENSHIP:
WITNESS:	
DATE	SIGNATURE NAME:
	ADDRESS:

ASSIGNMENT

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Shape Memory Ceramic Particles and Structures Formed Thereof

described in U.S. Application No. 16/075,350, filed August 3, 2018, and in and to the aforesaid application, in any form or embodiment thereof, and in and to any application on any of the inventions filed in this and any foreign country, based thereon, including the right to file said applications, apply for patent rights, and claim priority under the provisions of any international convention or treaty; also the entire right, title, and interest throughout the world in and to any and all patents or reissues or extensions thereof to be obtained in this or any foreign country upon any of the inventions and any divisional, continuation, or substitute applications which may be filed upon said invention or inventions in this or any foreign country; and the right to sue in its own name and recover damages for past infringement of any United States Letters Patent and foreign patent; and authorize and request the issuing authority to issue any and all patents on said applications to said Assignee or its successors and assigns.

For purposes of complying with foreign requirements, the above paragraph is intended to expressly grant all the recited rights and grants in China, Korea, and Japan.

Assignor hereby warrants that he has full right to convey his entire right, title and interest, both legal and equitable, in and to said inventions, free from all prior assignments, agreements, licenses, mortgages, security interests, or other encumbrances whatsoever; and

Assignor further agrees, without further payment or compensation by said Assignee, or its successors and assigns, to communicate to said Assignee, its representatives or agents, or it successors and assigns, any facts relating to said invention or inventions including evidence for interference purposes or for other legal proceedings, whenever requested; testify in any interference or other legal proceedings whenever requested; execute and deliver, on request, all lawful papers required to make any of the foregoing provisions effective; and

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Patent Assignment MIT16922i Apple, No. 16/075,350

generally do everything possible to aid said Assignee, its representatives or agents, or its successors or assigns to secure, obtain, and enforce proper patent protection for said invention or inventions in this and any foreign country.

Assignor authorizes Assignee or Assignee's representative to supply and/or to correct any errors in the patent/application information provided above including, but not limited to, said applications' serial number and filing date, prior to or after recordation.

Assignor appoints Assignee, through its designee, as its attorney-in-fact to execute, in Assignor's name and on Assignor's behalf, any and all documents required to effectuate this Assignment, specifically including, but not limited to, those documents specified above and any necessary corrective assignments.

Patent Assignment MIT16922J Appln, No. 16/075,350

DATE	SIGNATURE
	INVENTOR: Christopher A. Schuh
	ADDRESS:
	CITIZENSHIP:
WITNESS:	
DATE	SIGNATURE NAME:
	ADDRESS:

Page 3 of 4

Patent Assignment MIT169223 Appin. No. 16/075,350

04	30	2020	
DATE	£	******************************	

INVENTOR: Hang Yu

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CITIZENSHIP: PRCHINA

WITNESS:

04/30/2020 DATE

SIGNATURE

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