

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	WILLIAM LANGFORD	08/27/2018
	AMANDA PAIGE GHASSAEI	08/27/2018
	NEIL GERSHENFELD	08/28/2018
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PROPERTY NUMBERS Total: 1		
Property Type	Number	
Application Number:	16109947	
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DATE SIGNED:	11/30/2018	
	This document serves as an Oath/Declaration (37 CFR 1.63).	
Total Attachments: 2		
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source=MIT10-assign-dec#page2.tif		

ASSIGNMENT OF APPLICATION FOR PATENT AND INVENTOR'S DECLARATION

ASSIGNMENT

WHEREAS: William Langford, Amanda Paige Ghassaie and Neil Gershenfeld

hereinafter referred to collectively as the ASSIGNOR, owns rights as a inventor or co-inventor in a certain invention entitled:

Hierarchical Assembly of Self-Replicating Spacecraft Using Distributed Mechanisms and Actuation in Digital Materials

for which application for Letters Patent of the United States was filed on Aug. 23, 2018 having application serial number 16/109,947 in the United States Patent and Trademark Office wishes to vest these rights in said patent to:

***Massachusetts Institute of Technology
77 Massachusetts Ave.
Cambridge, MA 02139***

hereinafter referred to as ASSIGNEE.

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that for valuable consideration resulting from the employment, ownership, or contract of the ASSIGNOR by ASSIGNEE, the ASSIGNOR hereby sells, assigns, and transfers to the ASSIGNEE the full and exclusive right, title, and interest to said invention, patent application and all Letters Patent of the United States to be obtained therefrom and any continuation, division, continuation-in-part, renewal, substitute, re-examination, or reissue application or patent therefrom for the full term or terms for which the same may be granted. The ASSIGNOR further conveys to ASSIGNEE all priority rights in all countries, and under the Patent Convention Treaty and the Paris Convention, resulting from the above-identified application for Letters Patent of the United States. The ASSIGNOR agrees to execute all papers instruments and affidavits required, to give any required testimony, and perform any other lawful acts, at the ASSIGNEE'S expense, as the ASSIGNEE may require to enable the ASSIGNEE to perfect the ASSIGNEE'S interest in any resulting patent of the United States and in countries foreign thereto which may be necessary or desirable to carry out the purposes hereof.

The ASSIGNOR further sells, assigns, conveys and transfers to the ASSIGNEE all rights to any and all accrued past damages and to any future damages caused by infringement of the above-named patent or any patent resulting from the above-named patent application by any party anywhere, known or unknown to the ASSIGNOR, either at the time of this conveyance or at any future time.

INVENTOR'S DECLARATION

As a below-named inventor, I hereby declare that my residence and post office address are as stated below next to my name and that I believe that am the original first and sole inventor [if only one name is listed below] or an original first and joint inventor [if plural names are listed below] of the subject matter which is claimed and for which a patent is sought on the invention the specification of which is attached hereto and which has the following title:

TITLE: Hierarchical Assembly of Self-Replicating Spacecraft Using

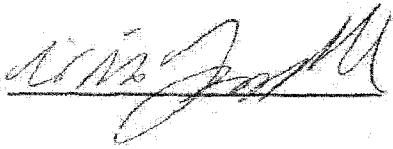
I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment specifically referred to in this declaration. I acknowledge a duty to disclose information which is material to patentability in accordance with 37 C.F.R. § 1.56. In addition, if this is a continuation-in-part application under 35 U.S.C. § 120, I acknowledge the duty to disclose all information known to be material to patentability as defined in 37 C.F.R. § 1.56 which becomes available between the filing date of the prior application and the filing date of the continuation-in-part.

- 1) This application was made by or was authorized to be made by the declarant.
- 2) Such individual believes himself or herself to be the original inventor or an original Joint inventor of a claimed invention in the application

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Title 18 United States Code, Section 1001, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

With this document, I hereby give **POWER OF ATTORNEY** to the Practitioners at CUSTOMER NO. 93344 to represent me in this matter before the Patent and Trademark Office.


POWER OF ATTORNEY

Signature: 

Date: Aug 27, 2018

1st Inventor: William Langford


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Signature: 

Date: Aug. 27, 2018

2nd Inventor: Amanda Paige Ghassaei

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