#### 01/24/2018 504743378

# PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
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GIORGIA FRANCHIN	06/09/2015
MICHAEL STERN	07/04/2015
MARKUS KAYSER	06/09/2015
CHIKARA INAMURA	06/09/2015
SHREYA DAVE	06/17/2015
NERI OXMAN	06/11/2015
PETER HOUK	06/11/2015

## **RECEIVING PARTY DATA**

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## **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	15878167

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ATTORNEY DOCKET NUMBER:	MIT_17063TK_C2	
NAME OF SUBMITTER:	STEPHEN OTIS REG # 64226	
SIGNATURE:	/Stephen Otis Reg # 64226/	

**PATENT** REEL: 044706 FRAME: 0977

DATE SIGNED:	01/24/2018
Total Attachments: 7	
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PATENT REEL: 044706 FRAME: 0978

## ASSIGNMENT OF PATENT APPLICATION

## FOR GOOD AND VALUABLE CONSIDERATION,

We, the undersigned (each) have agreed and hereby agree to assign for good and valuable consideration, receipt of which is hereby expressly acknowledged, and do hereby sell, assign and transfer unto

## Massachusetts Institute of Technology

a corporation organized under the laws of the state of Massachusetts as Assignee, and its successors, assigns and legal representatives, the entire right, title and interest, for all countries in and to certain inventions relating to

## Methods and apparatus for additive manufacturing of glass

described in an application for Letters Patent of the United States, filed on <u>4/27/2015</u>, as Application Serial No. <u>14697564</u>, and the invention(s) and improvement(s) set forth therein, and any and all continuations, continuations-in-part, divisionals, and renewals of and substitutes for said application for said Letters Patent, and all the rights and privileges under any and all Letters Patent that may be granted therefor in any country, and any reissues, or reexaminations, or extensions of said Letters Patent. We request that any and all Letters Patent for said inventions be issued to said Assignee, its successors, assigns and legal representatives, or to such nominees as it may designate.

We agree that, when requested, we will, without charge to said Assignee but at its expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable or convenient for securing and maintaining patents for said inventions in any and all countries and for vesting title thereto in said Assignee, its successors, assigns and legal representatives or nominees.

We authorize and empower the said Assignee, its successors, assigns and legal representatives or nominees, to invoke and claim for any application for patent or other form of protection for said inventions filed by it or them, the benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it, and to invoke and claim such right of priority without further written or oral authorization from us.

We hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any assignment, consent to file or like document which may be required in any country for any purpose and more particularly in proof of the right of the said Assignee or nominee to claim the aforesaid benefit of the right of priority provided by the International convention which may henceforth be substituted for it.

We hereby authorize Stephen Otis, attorney for Assignee, to insert the filing date and Serial number into this assignment, after the application for Letters Patent has been filed, and the U.S. Patent Office has assigned such application a Serial Number.

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PATENT REEL: 044706 FRAME: 0979 We covenant with said Assignee, its successors, assigns and legal representatives, that the rights and property herein conveyed are free and clear of any encumbrance, and that we have full right to convey the same as herein expressed

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Inventor's Signature	DATE 2813.
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Inventor's Signature	DATE
Giorgia Franchin	
Inventor's Printed Name	
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Michael Stern	DALL
Inventor's Printed Name	
Inventor's Signature  Markus Kayser  Inventor's Printed Name	06/09/2015 DATE
Inventor's Signature  Chikara Inamura Inventor's Printed Name	DATE
Inventor's Signature Shreya Dave Inventor's Printed Name	DATE

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Inventor's Signature John Klein	DATE
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Chikara Inamura	
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Michael Stern	
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Markus Kayser	
Inventor's Printed Name	2015/06/09
Inventor's Signature	DATE
Chikara Inamura Inventor's Printed Name	
Inventor's Signature	DATE
Shreya Dave	
Inventor's Printed Name	

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Inventor's Signature John Klein	DATE
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Inventor's Signature Giorgia Franchin	DATE
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Michael Stern Inventor's Printed Name	_
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Chikara Inamura	_
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Shreya Dave	DAIL
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N. Xun	06/11/2015
Inventor's Signature	DATE
Neri Oxman Inventor's Printed Name	
Inventor's Signature Peter Houk Inventor's Printed Name	DATE

Inventor's Signature	DATE
Neri Oxman	
Inventor's Printed Name	
PARAM_	6/11/15
Inventor's Signature	DATE
Peter Houk	

Page 3 of 3

Inventor's Printed Name