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PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE: NEW ASSIGNMENT NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SUMAN DAS	03/24/2014
DAJUN YUAN	03/27/2014
ANIRUDH RUDRARAJU	04/01/2014
PAUL CILINO	07/08/2014

RECEIVING PARTY DATA

Name:	GEORGIA TECH RESEARCH CORPORATION	
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City:	ATLANTA	
State/Country:	GEORGIA	
Postal Code:	30332-0415	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15419600

CORRESPONDENCE DATA

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Address Line 2: **SUITE 5200**

Address Line 4: ATLANTA, GEORGIA 30308

RYAN A. SCHNEIDER NAME OF SUBMITTER: **SIGNATURE:** /Ryan A. Schneider, Reg. #45083/ **DATE SIGNED:** 01/30/2017

Total Attachments: 5

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ASSIGNMENT

WHEREAS, We, Suman Das, Dajun Yuan, Anirudh Rudraraju, and Paul Cilino, (collectively referred to as "Assignors"), have invented certain improvements in **Systems and Methods for Fabricating Three-Dimensional Objects**, for which a US Non-Provisional Patent Application was filed 8 November 2013 and provided Serial No. 14/076,161, and which claims priority to 61/723,991 filed on 8 November 2012 and is a CIP of 12/435,776 filed on 05 May 2009, and for which future applications may be filed, (collectively referred to as the "Application"), and whereas

GEORGIA TECH RESEARCH CORPORATION 505 Tenth Street, N.W. Atlanta, Georgia 30332-0415 United States

("Assignee") desires to purchase all of Assignors' rights in same;

NOW THEREFORE, in consideration of the sum of One Dollar (\$1.00) and other good and valuable considerations paid by the said Assignee, the receipt and sufficiency of which are hereby acknowledged, Assignor has and by these presents does hereby sell, assign, transfer and convey unto said Assignee all of Assignors' rights, title, and interest in and to said Application, including in and to any conventional, division, continuation, continuation-in-part, substitution, reissue, renewal, reexam, continued prosecution application ("CPA"), or request for continued examination ("RCE") thereof, and in and to all inventions and improvements thereon (herein collectively referred to as "Related US Applications"), preparatory to obtaining Letters Patent of the United States therefore; and Assignor hereby request the Commissioner of Patents and Trademarks to issue any and all Letters Patent of the United States resulting from said Application and Related US Applications, to Assignee, for its interest and for the sole use and benefit of Assignee and its assigns and legal representatives.

For the same consideration, Assignor, by these presents do sell, assign, and transfer to Assignee all of Assignors' rights, title and interest in and to any foreign and international applications related to and/or seeking benefit of said Application and Related US Applications, and in and to all inventions and improvements thereon (herein collectively referred to as "Related Foreign Applications"), in and to any Letters Patent and similar protective rights granted on said Related Foreign Applications, and in and to the right to claim any applicable priority rights arising from or required for said Related Foreign Applications under the terms of any applicable conventions, treaties, statutes, or regulations, said Related Foreign Applications to be filed and issued in the name of Assignee or its designee, insofar as permitted by applicable law.

For the same consideration, Assignor agree, without charge to Assignee, but at Assignee's expense, to sign all lawful papers, execute said Application, Related US Applications and Related Foreign Applications, make all assignments and rightful oaths, assist in prosecution of said Application, Related US Applications and Related Foreign Applications, assist in prosecution of legal proceedings, and generally do everything reasonably possible to aid Assignee its successors, assigns, and nominees, to obtain and enforce proper protection for all said inventions and improvements in all countries throughout the world.

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to any and all past infringement of all said Foreign Applications, including said inver	s to sue for damages and other remedies with respect Application, Related US Applications, and Related Itions and improvements which may have occurred	
IN WITNESS WHEREOF, I have he MARCH	ereunto set my hand and seal this 24th day of	
11. 11.1	Sumen Das (SEAL)	
Witnessed by: Mclass Melleras Signature	Date: <u>March 24, 2014</u>	
Michael Middlemas Printed Name of Witness	<u>`</u>	
Witnessed by: My Signature Signature	Date: 3.24.2014	
MARVIN M. CILGO : Printed Name of Witness		
SECTION BELOW IS FOR USE ONLY IF SIGNING IN PRESENCE OF A NOTARY		
IN WITNESS WHEREOF, I have hereunto set my hand and seal this day of, 2014.		
	Suman Das (SEAL)	
State of		
County of		
On this day of, 2014, before me, a notary public, came to me known and known to be the individual described in and who executed the foregoing assignment, and he duly acknowledged the same to be his free act and deed.		
	NOTARY PUBLIC	
(SEAL)	My Commission Expires:	

AND, for the same consideration, Assignor also hereby sell, assign and transfer unto

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IN WITNESS	S WHEREOF, I have hereunto	set my hand and seal this day of
	, 2017.	(SEAL)
		Dajun Yuan
Witnessed by:	: Wenziong Li Signature	Date: $\frac{03/27/2014}{}$
	Wenxiong Li Printed Name of Witness	
Witnessed by:	: Day Signature	Date: 03/27/2014
	Boyan Zhang Printed Name of Witness	Date: <u>03/27/2014</u>
SECTION BE	ELOW IS FOR USE ONLY IF	F SIGNING IN PRESENCE OF A NOTARY
	TNESS WHEREOF, I have h , 2014.	ereunto set my hand and seal this day of
		(SEAL) Dajun Yuan
State of	***************************************	
County of		
On thi known to be acknowledged	is day of the individual described in If the same to be his free act ar	, 2014, before me, a notary public, came to me known and and who executed the foregoing assignment, and he duly nd deed.
		NOTARY PUBLIC
(SEAL)		My Commission Expires:

IN WITNESS WHEREOF, I have hereunto	Y M MY
Witnessed by: Signature	Anirudh Rudraraju
Seth Morton Printed Name of Witness	
Witnessed by: N.V. Colors Signature	Date: 4/1/2014
CHAN DRASHEKHA Printed Name of Witness	VARANASI
10000000000000000000000000000000000000	SIGNING IN PRESENCE OF A NOTARY
IN WITNESS WHEREOF, I have h, 2014.	ereunto set my hand and seal this day of
State of	Anirudh Rudraraju (SEAL)
County of	
On this day of, and known to be the individual described in duly acknowledged the same to be his free a	2014, before me, a notary public, came to me known and who executed the foregoing assignment, and he act and deed.
	NOTARY PUBLIC
(SEAL)	My Commission Expires:

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	WHEREOF, I have hereunt , 2014.	o set my hand and seal this	day of
		440	(SEAL)
		Paul Cilino	•
Witnessed by:	Signature	Date:	NAME OF THE OWNER O
	Printed Name of Witness		
Witnessed by:	Signature	Date:	······
-	Printed Name of Witness		
		F SIGNING IN PRESENCE OF	
July State of G	, 2014.	Paul/Cilino	nis <u>STH</u> day of(SEAL)
County of Ro	EKDALE		
and known to b	e the individual described in ged the same to be his free a	, 2014, before me, a notary puble a and who executed the foregoin act and deed.	lic, came to me known ng assignment, and he
		AOTARY PUBLIC	
(SEAL)		My Commission Expires:	
SEORGI OFORGI	A STATE OF THE STA	Notary Public, Rockdale County, General My Commission Expires July 27, 20	orgis a

PATENT REEL: 041125 FRAME: 0160

RECORDED: 01/30/2017