

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT4315811

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
BO WU	03/06/2017
JEFFERY BANNING	03/06/2017
PINGYONG XU	03/07/2017
RECEIVING PARTY DATA	
Name:	3D SYSTEMS, INCORPORATED
Street Address:	333 THREE D SYSTEMS CIRCLE
City:	ROCK HILL
State/Country:	SOUTH CAROLINA
Postal Code:	29730
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15453277
CORRESPONDENCE DATA	
Fax Number:	(704)384-2800
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
Phone:	(704) 384-2600
Email:	joy.pickett@smithmoorelaw.com
Correspondent Name:	SMITH MOORE LEATHERWOOD LLP
Address Line 1:	101 NORTH TRYON STREET
Address Line 2:	SUITE 1300
Address Line 4:	CHARLOTTE, NORTH CAROLINA 28246
ATTORNEY DOCKET NUMBER:	USA.577
NAME OF SUBMITTER:	JOHN P. ZIMMER
SIGNATURE:	/John P. Zimmer, Reg. No. 64,750/
DATE SIGNED:	03/13/2017
Total Attachments: 9	
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UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

MARCH 9, 2017

PTAS

SMITH MOORE LEATHERWOOD LLP
101 NORTH TRYON STREET
SUITE 1300
CHARLOTTE, NC 28246

504261717

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

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RECORDATION DATE: 03/08/2017

REEL/FRAME: 041500/0988
NUMBER OF PAGES: 8

BRIEF: ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).

DOCKET NUMBER: USA.577P

ASSIGNOR:
WU, BO

DOC DATE: 03/06/2017

ASSIGNOR:
BANNING, JEFFERY

DOC DATE: 03/06/2017

ASSIGNOR:
XU, PINGYONG

DOC DATE: 03/07/2017

ASSIGNEE:
3D SYSTEMS, INCORPORATED
333 THREE D SYSTEMS CIRCLE
ROCK HILL, SOUTH CAROLINA 29730

APPLICATION NUMBER: 62305051

FILING DATE: 03/08/2016

PATENT NUMBER:

ISSUE DATE:

TITLE: NON-ISOCYANATE POLYURETHANE INKS FOR 3D PRINTING

ASSIGNMENT RECORDATION BRANCH
PUBLIC RECORDS DIVISION

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
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EPAS ID: PAT4308397

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
BO WU	03/06/2017
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PINGYONG XU	03/07/2017
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State/Country:	SOUTH CAROLINA
Postal Code:	29730
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	62305051
CORRESPONDENCE DATA	
Fax Number:	(704)384-2800
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
Phone:	(704) 384-2600
Email:	joy.pickett@smithmoorelaw.com
Correspondent Name:	SMITH MOORE LEATHERWOOD LLP
Address Line 1:	101 NORTH TRYON STREET
Address Line 2:	SUITE 1300
Address Line 4:	CHARLOTTE, NORTH CAROLINA 28246
ATTORNEY DOCKET NUMBER:	USA.577P
NAME OF SUBMITTER:	JOHN P. ZIMMER
SIGNATURE:	/John P. Zimmer, Reg. No. 64,750/
DATE SIGNED:	03/08/2017
Total Attachments: 6	
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ASSIGNMENT
of Patent Applications for: **NON-ISOCYANATE POLYURETHANE INKS**
FOR 3D PRINTING

THIS ASSIGNMENT, made this 6 day of March, 2017, by:

Bo Wu
28608 SW Morningside Avenue
Wilsonville, OR 97070

Jeffery Banning
7503 Roanoke Drive N
Wilsonville, OR 97070

and

Pingyong Xu
23229 Savory Place
Valencia, CA 91354

WHEREAS, the said assignors have invented certain new and useful improvements in: **NON-ISOCYANATE POLYURETHANE INKS FOR 3D PRINTING** (62/305,051, filed March 8, 2016 and any non-provisional application filed on or before March 8, 2017 claiming priority hereto) and set forth in an application for Letters Patent of the United States, executed on even date herewith; and,

WHEREAS, 3D Systems, Incorporated, organized under and pursuant to the laws of the State of California and having its principal place of business at 333 Three D Systems Circle, Rock Hill, SC 29730 USA, (hereinafter referred to as the assignee) is desirous of acquiring the entire right, title and interest in and to said inventions and said applications for Letters Patent of the United States, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon;

NOW, THEREFORE, in consideration of ONE DOLLAR (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, the said assignors have sold, assigned, transferred and set over and by these presents, do sell, assign, transfer and set over, unto the assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above mentioned inventions, applications for Letters Patent, and any and all Letters Patent or Patents in the United States of America and all foreign countries which may be granted therefor and thereon, and in and to any and all divisions, continuations, and continuations-in-part of said applications, or

USA.577 - Assignment

reissues or extensions of said Letters Patent or Patents, and in and to any and all patent applications claiming priority thereto, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by the said assignee, for its own use and behoof and the use and behoof of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted, as fully and entirely as the same would have been held and enjoyed by the assignors, had this sale and assignment not been made.

AND for the same consideration, the said assignors hereby covenant and agree to and with the said assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, the said assignors are the sole and lawful owners of the entire right, title and interest in and to the said inventions and the applications for Letters Patent above mentioned, and that the same are unencumbered and that the said assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, the said assignors hereby covenant and agree to and with the said assignee, its successors, legal representatives and assigns, that the said assignors will, whenever counsel of the said assignee, or the counsel of its successors, legal representatives and assigns, shall advise that any proceeding in connection with said inventions, or said applications for Letters Patent, or any proceeding in connection with Letters Patent for said inventions in any country, including interference or derivation proceedings, is lawful and desirable, or that any division, continuation or continuation-in-part of any applications for Letters Patent, or any reissue or extension of any Letters Patents, to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of Letters Patent for said inventions, without charge to the said assignee, its successors, legal representatives and assigns, but at the cost and expense of the said assignee, its successors, legal representatives and assigns.

AND the said assignors hereby request the Commissioner of Patents to issue said Letters Patents of the United States to the said assignee, as the assignee of said inventions and the Letters Patents to be issued thereon for the sole use and behoof of the said assignee, its successors, legal representatives and assigns.

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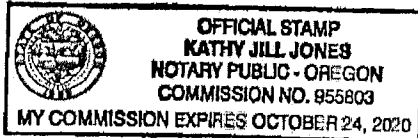
Bo Wu

Bo Wu

Date: 3/6/2017

STATE OF OREGON
COUNTY OF _____

On this 6 day of March, 2017, personally before me came Bo Wu, known to me, and known to me to be the person described in and who signed the foregoing Assignment and being duly sworn, acknowledged that they executed the same.



Kathy Jones

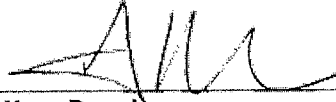
Notary Public

Name: Kathy Jones

(Notary Seal)

My commission expires: 10/24/20

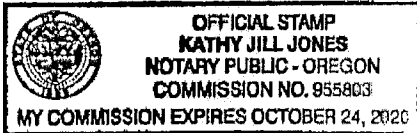
USA.577P - Assignment

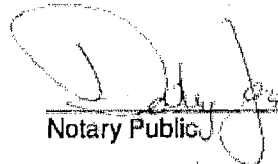

Jeffery Banning

Date: 3/6/17

STATE OF OREGON
COUNTY OF _____

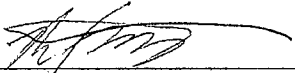
On this 6 day of March, 2017, personally before me came Jeffery Banning, known to me, and known to me to be the person described in and who signed the foregoing Assignment and being duly sworn, acknowledged that they executed the same.




Notary Public
Name: Kathy Jones

(Notary Seal)

My commission expires: 10/24/20



Pingyong Xu

Date: 3/7/2017

STATE OF CALIFORNIA
COUNTY OF _____

On this 7th day of March, 2017, personally before me came Pingyong Xu, known to me, and known to me to be the person described in and who signed the foregoing Assignment and being duly sworn, acknowledged that they executed the same.

see attached

Ra Rachel Lee
Notary Public

Name: Rachel Mariekaolohdokuiikat Lee

(Notary Seal)

My commission expires: Feb 2 2021

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

CIVIL CODE § 1189

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California)
County of LOS Angeles)

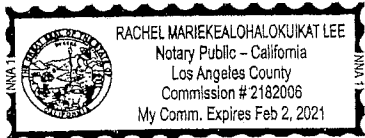
On March 7th 2017 before me, Rachel Mariekealohalokui Kat Lee, Notary Republic
Date Here Insert Name and Title of the Officer

personally appeared Ping yong XU
Name(s) of Signer(s)

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.



Signature Rachel Lee
Signature of Notary Public

Place Notary Seal Above

OPTIONAL

Though this section is optional, completing this information can deter alteration of the document or fraudulent reattachment of this form to an unintended document.

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Capacity(ies) Claimed by Signer(s)

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Signer Is Representing: _____

Signer's Name: _____

Corporate Officer -- Title(s): _____

Partner -- Limited General

Individual Attorney in Fact

Trustee Guardian or Conservator

Other: _____

Signer Is Representing: _____