

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
DAVID H. CULLEN	03/14/2014
RAFAEL ENRIQUE HIDALGO	03/14/2014
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	3D SYSTEMS, INC.
<b>Street Address:</b>	333 THREE D SYSTEMS CIRCLE
<b>City:</b>	ROCK HILL
<b>State/Country:</b>	SOUTH CAROLINA
<b>Postal Code:</b>	29730
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	17846413
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(704)805-4715
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<b>ATTORNEY DOCKET NUMBER:</b>	USA.535-3
<b>NAME OF SUBMITTER:</b>	SHERRYL MURPHY
<b>SIGNATURE:</b>	/Sherryl Murphy/
<b>DATE SIGNED:</b>	09/30/2022
<b>Total Attachments: 4</b>	
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**ASSIGNMENT**  
Of Patent Application for: **Improved Powder Distribution for Laser  
Sintering Systems**

THIS ASSIGNMENT, made this 14 day of March, 2014, by:

David H. Cullen  
3399 Tanglewood Dr  
Rock Hill, South Carolina 29732

Rafael Enrique Hidalgo  
620 Fountain Ct  
Fort Mill, South Carolina 29715

WHEREAS, the said assignors have invented certain new and useful improvements in : **Improved Powder Distribution for Laser Sintering Systems** 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 application 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 considerations, 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, application 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 application, or reissues or extensions of said Letters Patent or Patents, 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 application 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 application for Letters Patent, or any proceeding in connection with Letters Patent for said inventions in any country, including interference proceedings, is lawful and desirable, or that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue or extension of any Letters Patent, 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 Patent of the United States to the said assignee, as the assignee of said inventions and the Letters Patent to be issued thereon for the sole use and behoof of the said assignee, its successors, legal representatives and assigns.

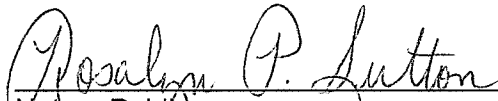
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\_\_\_\_\_  
David H. Cullen

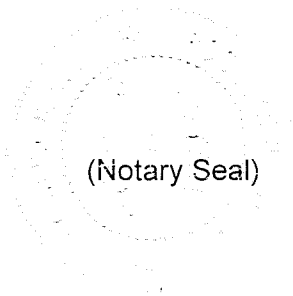
Date: 3/14/2014

STATE OF SOUTH CAROLINA  
COUNTY OF YORK

On this 14<sup>th</sup> day of March, 2014, personally before me came David H. Cullen, 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: Rosalyn P. Sutton



(Notary Seal)

My commission expires: April 28, 2016

Rafael E. Hidalgo  
Rafael Enrique Hidalgo

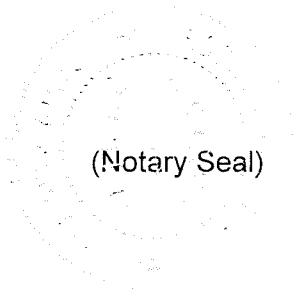
Date: 2014-3-14

STATE OF SOUTH CAROLINA  
COUNTY OF YORK

On this 14<sup>th</sup> day of March, 2014, personally before me came Rafael Enrique Hidalgo, 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.

Rosalyn P. Sutton  
Notary Public

Name: Rosalyn P. Sutton



(Notary Seal)

My commission expires: April 28, 2016