

05-02-2005

No.: USA.357

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To the Director of the United States Patent and Trademark Office: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Stephen A. Ruatta
Khalil M. Moussa

2. Name and address of receiving party(ies):

Name: 3D Systems, Inc.

Internal Address: _____

Additional names(s) of conveying party(ies)

☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment

☐ Merger

☐ Security Agreement

☐ Change of Name

☐ Other _____

Street Address: 26081 Avenue Hall

City: Valencia State: CA ZIP: 91355

Execution Date: 12/7/2004 and 1/5/2005

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or patent numbers(s):

If this document is being filed together with a new application, the execution date of the application is: _____

A. Patent Application No.(s)

11/005,785

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Ralph D'Alessandro

Internal Address: Intellectual Property

3D Systems, Inc.

Street Address: 26081 Avenue Hall

City: Valencia State: CA ZIP: 91355

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41):.....\$ 40.00

☐ Enclosed - Any excess or insufficiency should be credited or debited to deposit account

☒ Authorized to be charged to deposit account

8. Deposit account number:

20-0900

(Attach duplicate copy of this page if paying by deposit account)

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Ralph D'Alessandro

Name of Person Signing

Signature

April 25, 2005

Date

Total number of pages including cover sheet, attachments, and document: 4

Mail documents to be recorded with required cover sheet information to:
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PATENT
REEL: 016499 FRAME: 0613

ASSIGNMENT

WHEREAS, WE, Stephen A. Ruatta, 1501 Marengo Avenue, South Pasadena, California, 91030, a citizen of the United States of America; and Khalil M. Moussa, 25733 Barnett Lane, Stevenson Ranch, CA 91381, a citizen of the United States of America (each hereinafter referred to as "ASSIGNORS"), have invented a certain invention entitled **"CONTROLLED DENSIFICATION OF FUSIBLE POWDERS IN LASER SINTERING,"** for which application for Letters Patent of the United States of America was filed on December 7, 2004, under Serial Number 11/005,785; and

WHEREAS, **3D SYSTEMS, INC.**, a corporation organized and existing under and by virtue of the laws of the State of California and having its principal place of business at 26081 Avenue Hall, Valencia, CA 91355 (hereinafter referred to as "ASSIGNEE"), is desirous of acquiring the exclusive right, title and interest in, to and under said invention and in, to and under Letters Patent or similar legal protection to be obtained therefor in the United States of America, its territorial possessions and in any and all countries foreign thereto;

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNORS hereby sell, assign, transfer, and set over unto the said ASSIGNEE, its successors and assigns, the full and exclusive right, title, and interest to said invention and to all Letters Patent or similar legal protection, not only in the United States and its territorial possessions, but in all countries foreign thereto to be obtained for said invention by said application or any continuation, division, renewal, substitute, or reissue thereof or any legal equivalent thereof in a foreign country for the full term or terms for which the same may be granted, including all priority rights under the International Convention; and ASSIGNORS hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent or any legal

equivalent thereof to said ASSIGNEE, its successors, and assigns, in accordance with this Assignment.

ASSIGNORS hereby covenant that no assignment, sale, agreement, or encumbrance has been or will be made or entered into which would conflict with this Assignment;

ASSIGNORS further covenant that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters patent and legal equivalents in foreign countries as may be known and accessible to ASSIGNORS and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments, or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention, and said Letters Patent and said equivalents thereof in any foreign country which may be necessary or desirable to carry out the purposes thereof.

WITNESS my hand at Valencia, CA, this 7th day of December 2004.


Stephen A. Ruatta

WITNESS my hand at Valencia, CA, this 5th day of ^{January 2005}~~December 2004~~. *fm*


Kharr M. Moussa