

03-12-1999



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RECORDATION FORM COVER SHEET  
PATENTS ONLY

70549 U.S. Pat. & Tm. Off.  
09/25/853  
02/25/99

09/257853  
MRO 2:25:99

TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies).

Submission Type

New

Resubmission (Non-Recordation)  
Document ID#

Correction of PTO Error  
Reel #  Frame #

Corrective Document  
Reel #  Frame #

Conveyance Type

Assignment  Security Agreement

License  Change of Name

Merger  Other

**U.S. Government**  
(For Use ONLY by U.S. Government Agencies)

Departmental File  Secret File

Conveying Party(ies)

Mark if additional names of conveying parties attached

Name	Execution Date		
	Month	Day	Year
Name (line 1) Bedal, Bryan J. L.	02	15	1999
Name (line 2)			
<b>Second Party</b>			
Name (line 1) Kerekes, Thomas A.	02	18	1999
Name (line 2)			

Receiving Party

Mark if additional names of receiving parties attached

Name (line 1) 3D Systems, Inc.

Name (line 2)

Address (line 1) 26081 Avenue Hall

Address (line 2)

Address (line 3) Valencia CA/U.S.A. 91355

City State/Country Zip Code

If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

Domestic Representative Name and Address

Enter for the first Receiving Party only.

Name

Address (line 1)

Address (line 2)

Address (line 3)

Address (line 4)

FOR OFFICE USE ONLY

**Correspondent Name and Address**

Area Code and Telephone Number

661-295-5600 x2566

Name Forrest L. Collins

Address (line 1) 3D Systems, Inc.

Address (line 2) 26081 Avenue Hall

Address (line 3) Valencia, CA 91355

Address (line 4)

**Pages** Enter the total number of pages of the attached conveyance document including any attachments.

# 5

**Application Number(s) or Patent Number(s)**

Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

Patent Number(s)

<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
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If this document is being filed together with a new Patent Application, enter the date the patent application was

Month Day Year  
02151999

**Patent Cooperation Treaty (PCT)**

Enter PCT application number only if a U.S. Application Number has not been assigned.

PCT <input type="text"/>	PCT <input type="text"/>	PCT <input type="text"/>
PCT <input type="text"/>	PCT <input type="text"/>	PCT <input type="text"/>

**Number of Properties**

Enter the total number of properties involved.

# 1

**Fee Amount**

Fee Amount for Properties Listed (37 CFR 3.41): \$

40.00

Method of Payment:

Enclosed

Deposit Account

Deposit Account

(Enter for payment by deposit account or if additional fees can be charged to the

Deposit Account Number:

# 20-0900

Authorization to charge additional fees:

Yes

No

**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. Charges to deposit account are authorized, as indicated herein.

Forrest L. Collins

Name of Person Signing

  
Signature

2/25/99  
Date

# RECORDATION FORM COVER SHEET CONTINUATION PATENTS ONLY

U.S. PTO  
09/25/99  
02/25/99

## Conveying Party(ies)

Mark if additional names of conveying parties attached

Enter additional Conveying Parties

Name (line 1)

Execution Date  
Month Day Year

Name (line 2)

Execution Date  
Month Day Year

Name (line 1)

Name (line 2)

Name (line 1)

Execution Date  
Month Day Year

Name (line 2)

## Receiving Party

Mark if additional names of receiving parties attached

Name (line 1)

If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3)     
City State/Country Zip Code

Name (line 1)

If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3)     
City State/Country Zip Code

## Application Number(s) or Patent Number(s)

Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

Patent Number(s)

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**ASSIGNMENT**

WHEREAS, WE, **Bryan J.L. Bedal**, 27821 Dexter Drive, Santa Clarita, CA 91350, a citizen of the United States of America, **Thomas A. Kerekes**, 3532 Adamsville Avenue, Calabasas, CA 91302, a citizen of the United States of America, and **Joe M. Brown**, 28348 N. Azurite Place, Valencia, CA 91354, a citizen of the United States of America (each hereinafter referred to as "ASSIGNORS"), have invented and own a certain invention entitled "**METHOD AND APPARATUS FOR PRINTING RASTER LINES IN A SELECTIVE DEPOSITION MODELING SYSTEM**," for which application for Letters Patent of the United States of America was filed on February \_\_, 1999, under Serial Number *to be determined* 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 15 day of February, 1999.

Bryan J.L. Bedal  
Bryan J.L. Bedal

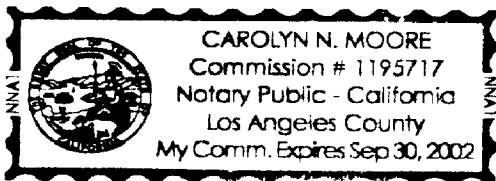
State of California

County of Los Angeles

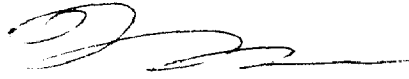
On February 15, 1999, before me, Carolyn N. Moore, a Notary Public, personally appeared Bryan J.L. Bedal, proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Carolyn N. Moore  
Notary Public in and for said  
County and State



WITNESS my hand at Valencia, CA, this 18 day of February, 1999.



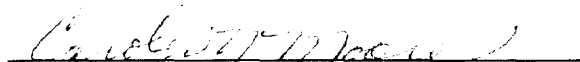
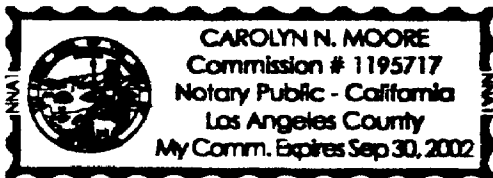
Thomas A. Kerekes

State of California

County of Los Angeles

On February 18, 1999, before me, Carolyn N. Moore, a Notary Public, personally appeared Thomas A. Kerekes, proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

  
Notary Public in and for said  
County and State

WITNESS my hand at Grand Junction, CO, this 23 day of February, 1999.

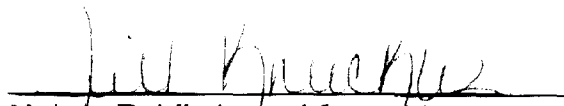
  
\_\_\_\_\_  
Joe M. Brown

State of Colorado

County of La Mesa

On February 23, 1999, before me, Jill Knuckles, a Notary Public, personally appeared Joe M. Brown, proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

  
\_\_\_\_\_  
Notary Public in and for said  
County and State

My Commission expires  
February 20, 2002