

05-14-2001



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Expires 06/30/99

U.S. Department of Commerce
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J1046 U.S. PTO
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Attorney Docket No. 18563-005900 / AT-00030.1

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

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- New
- Resubmission (Non-Recordation)
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- Correction of PTO Error
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- Corrective Document
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Conveyance Type

- Assignment
- License
- Merger
- Security Agreement
- Change of Name
- Other

U.S. Government

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 Month Day Year

Name (line 2)

Second Party

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 Month Day Year

Name (line 2)

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Name (line 1)
a Corporation of Delaware

Name (line 2)

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Address (line 3)
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Mail documents to be recorded with required cover sheet(s) information to:
 Commissioner of Patents and Trademarks, Box Assignments, Washington, D.C. 20231

**PATENT
REEL: 011782 FRAME: 0385**

Correspondent Name and Address

Area Code and Telephone Number

650 326-2400

Name James M. Heslin

Address (line 1) Townsend and Townsend and Crew LLP

Address (line 2) Two Embarcadero Center

Address (line 3) Eighth Floor

Address (line 4) San Francisco, CA 94111

Pages

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

1

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)

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.

Month Day Year

4-23-2001

Patent Cooperation Treaty (PCT)

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

PCT		PCT		PCT	
PCT		PCT		PCT	

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 account.)

Deposit Account Number:

20-1430

Authorization to charge additional fees:

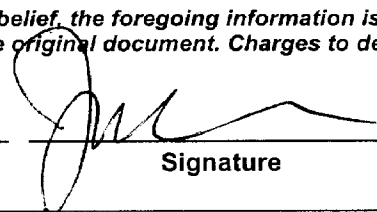
Yes No

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.

James M. Heslin

Name of Person Signing



Signature

May 2, 2001

Date

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J1046 U.S. PTO
09/84/904
05/02/01

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Month Day Year

Name (line 2)

Name (line 1)

Execution Date
Month Day Year

Name (line 2)

Name (line 1)

Execution Date
Month Day Year

Name (line 2)

Receiving Party(ies)

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Name (line 1)

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State/Country

Zip Code

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**RECORDATION FORM COVER SHEET
CONTINUATION**

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09/04/904
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Conveying Party(ies)

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Execution Date
Month Day Year

Name (line 1) Sarva, Venkata S.

04/18/01

Name (line 2)

Execution Date

Month Day Year

Name (line 1)

Name (line 2)

Execution Date

Month Day Year

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Name (line 2)

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Patent Application Number(s)

Patent Number(s)

Grid of 5 rows and 3 columns for Patent Application Number(s)

Grid of 5 rows and 3 columns for Patent Number(s)

ASSIGNMENT OF PATENT APPLICATION

JOINT

WHEREAS, **JOY VANNELIA HUGHES**, of 1012 Columbia Street, Santa Cruz, California 95060; **DANIEL STUART RUSSEL**, of 144 Escondido Vlg C, Stanford, California 94305; **HUAZHANG LUO**, of 1737 Redwood Avenue, Redwood City, California 94061; **CARMEN CHEANG**, of 520 Hawthorn Avenue, #1, Sunnyvale, California 94086; **ELENA PAVLOSKAIA**, 1688 Sutter Street, #8, San Francisco, California 94109; and **VENKATA S. SARVA**, of 44958 Cougar Circle, Fremont, California 94539, hereinafter referred to as "Assignors," are the inventors of the invention described and set forth in the below-identified application for United States Letters Patent:

Title of Invention: **SYSTEM AND METHOD FOR SEPARATING THREE-DIMENSIONAL MODELS**

Date(s) of execution
of Declaration: April 23, 2001; April 25, 2001; April 18, 2001;
 April 18, 2001; April 18, 2001; and April 19, 2001

Filing Date: Herewith;

Application No.: Unassigned; and

WHEREAS, **ALIGN TECHNOLOGY, INC.**, a corporation of the state of Delaware, located at 851 Martin Avenue, Santa Clara, California, 95050-2903, hereinafter referred to as "ASSIGNEE," is desirous of acquiring an interest in the invention and application and in any U.S. Letters Patent and Registrations which may be granted on the same;

For good and valuable consideration, receipt of which is hereby acknowledged by Assignors, Assignors have assigned, and by these presents do assign to Assignee all right, title and interest in and to the invention and application and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on the same in the United States and all countries throughout the world, and to claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignors had this Assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignors further agree that they will, without charge to Assignee, but at Assignee's expense, (a) cooperate with Assignee in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including patent applications and instruments of transfer, and (c) perform such other acts as Assignee lawfully may request to obtain or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in Assignee, or Assignee's successors and assigns.

Assignors hereby authorize and request Townsend and Townsend and Crew LLP, Two Embarcadero Center, 8th Floor, San Francisco, California 94111-3834, to insert herein above the application number and filing date of said application when known.

IN TESTIMONY WHEREOF, Assignors have signed their names on the dates indicated.

Dated: _____

JOY VANNELIA HUGHES

Dated: April 25, 2001

Daniel Stuart Russel

DANIEL STUART RUSSEL

Dated: _____

HUAZHANG LUO

Dated: _____

CARMEN CHEANG

Dated: _____

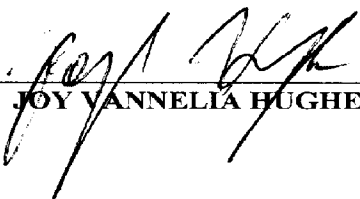
ELENA PAVLOSKAIA

Dated: _____

VENKATA S. SARVA

IN TESTIMONY WHEREOF, Assignors have signed their names on the dates indicated.

Dated: 4/23/2001



JOY VANNELIA HUGHES

Dated: _____

DANIEL STUART RUSSEL

Dated: 4/18/01



HUAZHANG LUO

Dated: 4/18/2001



CARMEN CHEANG

Dated: 4-18-01



ELENA PAVLOSKAIA

Dated: 4-18-2001



VENKATA S. SARVA