

FORM PTO-1619A  
Expires 06/30/99

7-16-01

07-26-2001



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U.S. Department of Commerce  
Patent and Trademark Office  
PATENT

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Attorney Docket No. 18563-001610 / AT-00032.1

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  
Reel # \_\_\_\_\_ Frame # \_\_\_\_\_
- Corrective Document  
Reel # \_\_\_\_\_ Frame # \_\_\_\_\_

**Conveyance Type**

- Assignment
  - License
  - Merger
  - Security Agreement
  - Change of Name
  - 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 (line 1) MILLER, ROSS J.

Execution Date  
Month Day Year  
APRIL 24, 2001

Name (line 2) \_\_\_\_\_

**Second Party**

Name (line 1) KUO, ERIC

Execution Date  
Month Day Year  
APRIL 24, 2001

Name (line 2) \_\_\_\_\_

**Receiving Party**

Mark if additional names of receiving parties attached

Name (line 1) Align Technology, Inc.  
a Corporation of Delaware

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) 851 Martin Avenue

Address (line 2) \_\_\_\_\_

Address (line 3) Santa Clara

CA

95050

City

State/Country

Zip Code

**Domestic Representative Name and Address**

Enter for the first Receiving Party only.

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

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07/25/2001 LNUELLER 00000085 201430 09843244

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PATENT  
REEL: 011997 FRAME: 0063

**Correspondent Name and Address** Area Code and Telephone Number

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

**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).

<b>Patent Application Number(s)</b>			<b>Patent Number(s)</b>		
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

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

**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. #

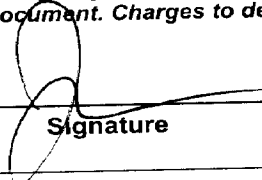
**Fee Amount** Fee Amount for Properties Listed (37 CFR 3.41): \$

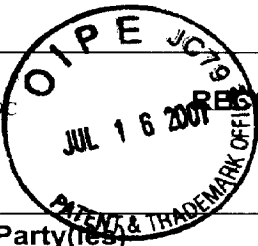
Method of Payment: Enclosed  Deposit Account

**Deposit Account**  
Enter for payment by deposit account or if additional fees can be charged to the account.)  
Deposit Account Number: #

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  July 11, 2001  
Name of Person Signing Signature Date



REGISTRATION FORM COVER SHEET  
CONTINUATION

U.S. Department of Commerce  
Patent and Trademark Office  
**PATENT**

**Conveying Party(ies)**

Mark if additional names of conveying parties attached

Enter additional Conveying Parties

Name (line 1) FALVEY, DANIEL F.

Execution Date  
Month Day Year  
JUNE 20, 2001

Name (line 2)

Name (line 1) TROSIEN, ANDREW H.

Execution Date  
Month Day Year  
APRIL 23, 2001

Name (line 2)

Name (line 1) WEN, HUAFENG

Execution Date  
Month Day Year  
June 27, 2001

Name (line 2)

**Receiving Party(ies)**

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Enter additional Receiving Party(ies)

Name (line 1)

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Name (line 2)

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State/Country

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**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)**

Grid of 15 boxes for Patent Application Numbers (3 columns x 5 rows)

Grid of 15 boxes for Patent Numbers (3 columns x 5 rows)

**ASSIGNMENT OF PATENT APPLICATION**

JOINT

WHEREAS, **ROSS J. MILLER**, of 243 Buena Vista Avenue, #1513, Sunnyvale, CA 94086; **ERIC KUO**, of 101 Woodland Avenue, San Francisco, CA 94117; **DANIEL E. FALVEY**, of 944 Cobalt Avenue, Tracy, CA 95376; and **ANDREW H. TROSIEN**, of 1353 9th Avenue, #6, San Francisco, CA 94112; 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:           **METHODS AND SYSTEMS FOR MODELING BITE  
REGISTRATION**

Date(s) of execution  
of Declaration:           **April 24, 2001; April 24, 2001; June 20, 2001;  
and April 23, 2001**

Filing Date:               **April 25, 2001**

Application No.:           **09/843,244; and**

WHEREAS, **ALIGN TECHNOLOGY, INC.**, a corporation of the state of Delaware, located at 851 Martin Avenue, Santa Clara, CA, 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.

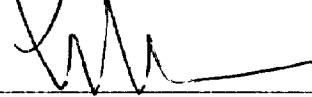
Assignors hereby authorize and request Townsend and Townsend and Crew LLP, Two Embarcadero Center, 8<sup>th</sup> Floor, San Francisco, CA 94111-3834, to insert herein above the application number and filing date of said application when known.

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

Dated: 4/27/01

  
\_\_\_\_\_  
ROSS J. MILLER

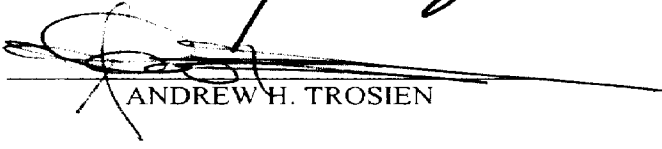
Dated: 4/24/01

  
\_\_\_\_\_  
ERIC KUO

Dated: 6/20/01

  
\_\_\_\_\_  
DANIEL E. FALVEY

Dated: 4/23/01

  
\_\_\_\_\_  
ANDREW H. TROSIEN