

12-27-2005



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To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

**1. Name of conveying party(ies)**

Youping Zhang

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

**3. Nature of conveyance/Execution Date(s):**

Execution Date(s) October 31, 2005

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Joint Research Agreement  
☐ Government Interest Assignment  
☐ Executive Order 9424, Confirmatory License  
☐ Other \_\_\_\_\_

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

Name: Takumi Technology Corporation

Internal Address: \_\_\_\_\_

Street Address: 150 Mathilda Street, Suite 288

City: Sunnyvale

State: CA

Country: U.S.A. Zip: 94086

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

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

☐ This document is being filed together with a new application.

A. Patent Application No.(s)

11/221,528

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: William C. Milks, III

Internal Address: RUSSO & HALE LLP

Street Address: 401 Florence Street

City: Palo Alto

State: CA Zip: 94301

Phone Number: (650) 327-9800

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Email Address: bmilks@computerlaw.com

**6. Total number of applications and patents involved: one (1)**

**7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00**

- ☐ Authorized to be charged by credit card  
☐ Authorized to be charged to deposit account  
☒ Enclosed  
☐ None required (government interest not affecting title)

**8. Payment Information**

a. Credit Card Last 4 Numbers \_\_\_\_\_  
Expiration Date \_\_\_\_\_

b. Deposit Account Number \_\_\_\_\_

Authorized User Name \_\_\_\_\_

**9. Signature:**

William C. Milks, III

Signature

December 20, 2005

Date

William C. Milks, III

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents: 3

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:  
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

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**PATENT**  
**REEL: 017384 FRAME: 0835**

PATENT

Attorney Docket No. TAKU007-1

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class mail in an envelope addressed to: Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, VA 22313-1450, on December 20, 2005.

By: William C. Milks, III  
William C. Milks, III

ASSIGNMENT

SOLE  
Attorney Docket  
No. TAKU007-1

WHEREAS, Youping Zhang, 33275 Lark Way, Fremont, CA 94555,  
(name and address of inventor as appears on application oath)

hereinafter referred to as "ASSIGNOR", has invented certain new and useful improvements as described and set forth in the below identified application for United States Letters Patent:

Title of Invention: MODEL-BASED PATTERN CHARACTERIZATION TO GENERATE RULES FOR

RULE-MODEL-BASED HYBRID OPTICAL PROXIMITY CORRECTION

Date of execution: \_\_\_\_\_

Filing date: September 8, 2005, Serial No. 11/221,528; and \_\_\_\_\_

WHEREAS, Takumi Technology Corporation  
(name and address of assignee)  
150 Mathilda Place, Suite 288

Sunnyvale, CA 94086

hereinafter referred to as "ASSIGNEE", is desirous of acquiring an interest in the said invention and application and in any Letters Patent which may be granted on the same;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for One Dollar (\$1.00) and other good and valuable consideration, receipt of which is hereby acknowledged by Assignor, Assignor has sold, assigned and transferred, and by these presents does sell, assign and transfer unto the said Assignee, and Assignee's successors and assigns, all right, title and interest in and to the said invention and all future improvements thereon, and in and to any Letters Patent which may hereafter be granted on the same in the United States and all countries throughout the world, the said interest to be held and enjoyed by said Assignee as fully and exclusively as it would have been held and enjoyed by said Assignor had this assignment and transfer not been made, to the full end and term of any Letters Patent which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignor further agrees that he will, without charge to said Assignee, but at Assignee's expense, cooperate with Assignee in the prosecution of said application and/or applications, execute, verify, acknowledge and deliver all such further papers, including applications for Letters Patent and for the reissue thereof, and instruments of assignment and transfer thereof, and will perform