

FORM PTO-1595
(Rev. 6-93)
OMB No. 0651-0011 (exp. 4/94)

05-14-2004

U.S. Department of Commerce
Patent And Trademark Office



To the Director - U.S. of Patent and Trademark

102744446

or copy thereof.

1. Name of conveying party(ies):

BRUCE KIM
HOON CHOI
GYUDONG KIM

5.1.04

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

3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ OtherExecution Date: May 4, 2004

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

Name: SILICON IMAGE, INC.Street Address: 1060 E. Arques Avenue

Internal Address: _____

City: Sunnyvale State: CA Zip: 94085Additional name(s) & address(es) attached? ☐ Yes ☒ No

17497 U.S. PTO
10/842231

051004

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

10842231

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

May 4, 2004

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

Name: Alfred A. EquitzInternal Address: GIRARD & EQUITZ LLPStreet Address: 400 Montgomery Street #1110City: San Francisco State: CA Zip: 94104Telephone: (415) 433-2250Facsimile: (415) 433-2255Attorney Docket No. SII-3710 [SIMG0172]6. Total number of applications and patents involved: 17. Total fee (37 C.F.R. 3.41) \$ 40.00☒ Check Enclosed☐ Authorized to be charged to deposit account

8. Deposit account number:

50-1697

DO NOT USE THIS SPACE

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.

Alfred A. Equitz Reg. No. 30,922
Name of Person Signing

Alfred A. Equitz
Signature

5/10/04
Date

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

Mail documents to be recorded with required cover sheet information to:
Mail Stop Assignment Recordation Services, Director of the U.S. Patent and Trademark Office
P.O. Box 1450, Alexandria, VA 22313-1450

05/13/2004 ECOOPER 00000147 10842231

01 FC:8021

40.00 00

ASSIGNMENT

WHEREAS, I, BRUCE KIM, HOON CHOI, GYUDONG KIM, hereinafter referred to as "ASSIGNORS", have invented certain new and useful improvements as described and set forth in the below-identified application for United States Letters Patent:

Title of Invention:

DATA SAMPLING METHOD AND APPARATUS USING THROUGH-TRANSITION COUNTS TO REJECT WORST SAMPLING POSITION

Execution Date: May 4, 2004

Filing Date: _____ Application No.: _____

WHEREAS, SILICON IMAGE, INC., a corporation of the State of Delaware, 1060 E. Arques Avenue, Sunnyvale, CA 94085 hereinafter referred to as "ASSIGNEE", is desirous of acquiring the entire right, title and 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 Assignors, Assignors have sold, assigned and transferred, and by these presents do 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, said application for United States Letters Patent, and any Letters Patent which may hereafter be granted on the same in the United States and all countries throughout the world including any divisions, renewals, continuations in whole or in part, substitutions, conversions, reissues, prolongations or extensions thereof, said interest to be held and enjoyed by said Assignee as fully and exclusively as it would have been held and enjoyed by said Assignors had this assignment and transfer not been made, to the full end and term of any such Letters Patent.

Assignors further agree that they 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 such other acts as Assignee lawfully may request, to obtain or maintain Letters Patent for said invention and improvement in any and all countries, and to vest title thereto in said Assignee, or Assignee's successors and assigns.

IN TESTIMONY WHEREOF, Assignor has hereunto signed his name to this assignment on the date indicated below.

Date: May 4, 2004



BRUCE KIM

IN TESTIMONY WHEREOF, Assignor has hereunto signed his name to this assignment on the date indicated below.

Date: May 4, 2004



HOON CHOI

IN TESTIMONY WHEREOF, Assignor has hereunto signed his name to this assignment on the date indicated below.

Date: May -4-2004



GYUDONG KIM

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

State of California

County of

Santa Clara

SS.

On

May 4, 2004

Date

before me,

Yolanda M. Campa

Name and Title of Officer (e.g., "Jane Doe, Notary Public")

personally appeared

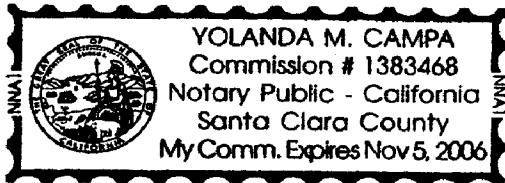
Bruce Kim, Gyudong Kim, Hoon Choi

Name(s) of Signer(s)

☒ personally known to me

☐ proved to me on the basis of satisfactory evidence

to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that ~~he/she~~ they executed the same in ~~his/her~~ their authorized capacity(ies), and that by ~~his/her~~ their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.



WITNESS my hand and official seal.

Yolanda M. Campa
Signature of Notary Public

OPTIONAL

Though the information below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent removal and reattachment of this form to another document.

Description of Attached Document

Title or Type of Document:

Patent Assignment SIMG0172

Document Date:

May 4, 2004

Number of Pages: _____

Signer(s) Other Than Named Above: _____

Capacity(ies) Claimed by Signer

Signer's Name: _____

- ☐ Individual
- ☐ Corporate Officer — Title(s): _____
- ☐ Partner — ☐ Limited ☐ General
- ☐ Attorney-in-Fact
- ☐ Trustee
- ☐ Guardian or Conservator
- ☐ Other: _____

Signer Is Representing: _____

RIGHT THUMBPRINT
OF SIGNER

Top of thumb here