

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

08-22-2003

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Patent And Trademark Office



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

102532781

ent or copy thereof.

1. Name of conveying party(ies):

**BONG-JOON LEE
MOON-SANG HWANG
SANG-HYUN LEE
DEOG-KYOON JEONG**

8-15-03

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

3. Nature of conveyance:

☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other _____

Execution Date: July 21, 2003 and July 23, 2003

03943 U.S. PTO
10/642259



08/15/03

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

10642259

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

July 21, 2003 and July 23, 2003

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-2510 [SIMG0155]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 account8. Deposit account number:
50-1697

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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

8/15/03
Date

Total number of pages including cover sheet, attachments and document: 5

Mail documents to be recorded with required cover sheet information to:
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P.O. Box 1450
Alexandria, VA 22313-1450

08/22/2003 ECDUPER 00000009 10642259

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Express Mail Number EV322535337 US

Attorney Docket No. SII-2510 [SIMG0155]

ASSIGNMENT

WHEREAS, BONG-JOON LEE, MOON-SANG HWANG, SANG-HYUN LEE and DEOG-KYOON JEONG, 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 WITH ALTERNATING EDGE SAMPLING PHASE DETECTION FOR LOOP CHARACTERISTIC STABILIZATION**

Execution Date: July 13, 2003 and July 21, 2003

WHEREAS, SILICON IMAGE, INC., a corporation of the State of Delaware, 1060 F. 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, each of the Assignors has hereunto signed his name to this assignment on the date indicated below.

Date: Jul. 21, 2003


BONG-JOON LEE

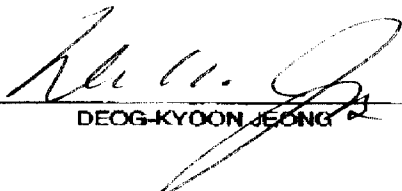
Date: July 23/2003


MOON-SANG HWANG

Date: Jul/21/2003


SANG-HYUN LEE

Date: July/23/2003


DEOG-KYOON JEONG

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

State of California

County of

Santa Clara

SS.

On

July 21, 2003

Date

before me,

Yolanda M. Campa

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

personally appeared

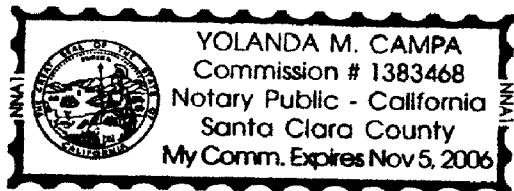
Sang-Hyun Lee

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 51160155

Document Date:

July 21, 2003

Number of Pages:

1

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

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

State of California

County of

Santa Clara

SS.

On

July 21, 2003

Date

before me,

Yolanda M. Campa

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

personally appeared

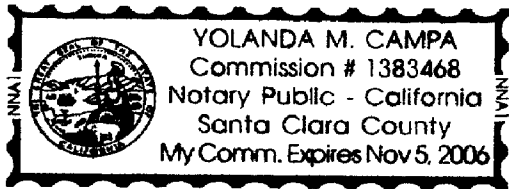
Bong-Tsun Lee

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

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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

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