



09-08-2000



101452814

8.29.00
Attorney Docket No: PIX-101

HEET
TENT

To the Hon. Commissioner of Patents and Trademarks:

Please record the enclosed copy of an assignment document. Relevant assignment data are as follows:

1. Assignors:

Zhonghan Deng
555 Pierce Street #702
Albany, CA 94706

David Xiao Dong Yang
2020 California Ave., 14
Mountain View, CA 94306

Xi Peng
497 Redwood Ave.
Milpitas, CA 95035

Odutola Oluseye Ewedemi
144 South Third Street #636
San Jose, CA 95112

Ricardo Jansson Motta
539 Hilbar Lane
Palo Alto, CA 94303

Yi-Hen Wei
1296 Briarberry Court
San Jose, CA 95131

2. Assignee:

Pixim, Inc.
883 N. Shoreline Blvd. C-200
Mountain View, CA 94043

3. Execution Date of Assignment of Entire Interest in Patent Application: **15 August 2000**

4. Execution Date of Declaration for Patent Application: **15 August 2000**

4A. Patent Application No.: 09/542,196

4B. Patent Number:

5. Correspondence address: Joshua D. Isenberg
LUMEN
45 Cabot Avenue, Suite 110
Santa Clara, CA 95051

6. Total Number of applications and Patents involved: 1

7. Total fee (37 CFR 3.41): \$40

8. Statement and signature:

To the best of my knowledge and belief, the information contained herein is true and correct, and any attached copy is a true copy of the original document.

Joshua D. Isenberg
Reg. No. 41,088

Joshua D. Isenberg

Date: 8/24/2000
telephone: (650) 321-6630
(408) 260-7300

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

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ASSIGNMENT

THIS ASSIGNMENT, by

**ZHONGHAN DENG, DAVID XIAO DONG YANG, XI PENG, ODUTOLA OLUSEYE EWEDEMI,
RICARDO JANSSON MOTTA, YI-HEN WEI**

(hereinafter referred to as the Assignors), residing at **Albany, California; Mountain View, California; Milpitas, California, San Jose, California; Palo Alto, California and San Jose** respectively, witnesseth:

WHEREAS, said Assignors have invented certain new and useful improvements in

**METHOD AND APPARATUS FOR OPTIMIZING EXPOSURE TIME IN IMAGE
ACQUISITIONS**

for which application No. 09/542,196, filed on April 4, 2000 for Letters Patent has been executed on 3/15/2000, and is attached hereto

WHEREAS,

PIXIM, Inc.

(hereinafter referred to as the Assignee), a body having corporate powers under the laws of the state of **CALIFORNIA, MOUNTAIN VIEW, CALIFORNIA 95043**, is desirous of obtaining the entire right, title and interest in and to said inventions and said application for Letters Patent, and in and to any Letters Patent, United States or foreign, to be obtained therefor and thereon;

WHEREAS, said Assignors and said Assignee have executed an agreement entitled "Agreement Concerning Rights in Invention."

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) and for other good and sufficient considerations, the receipt of which is hereby acknowledged:

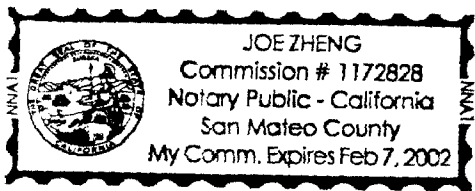
1. The Assignors have sold, assigned, transferred and set over, and do hereby sell, assign, transfer and set over unto said Assignee, the entire right, title and interest in, to and under said inventions; said application for Letters Patent; any Letters Patent which may be granted for said inventions in the United States of America and any foreign country; any division, continuation, and continuation-in-part of said application; any reissue or extension of said Letters Patent; and all rights under the International Convention for the Protection of Industrial Property; said right, title and interest to be held and enjoyed by said Assignee for its own use and behoove to the full end of the term for which Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by the Assignors, had this sale and assignment not been made.
2. Said Assignors hereby jointly and severally warrant and represent that, at the time of execution and delivery of these presents, said Assignors are the joint and lawful owners of the entire right, title and interest in and to said inventions and said application for Letters Patent, and that the same have not entered into any assignment, contract or understanding in conflict herewith.
3. Said Assignors hereby jointly and severally covenant and agree to assist and cooperate with said Assignee, whereby said Assignee may enjoy to the fullest extent said right, title and interest herein conveyed, provided, however, that the entire expense which may be incurred by said Assignors in lending such assistance and cooperation be paid by Assignee. Such cooperation shall include: (a) prompt execution of all papers (prepared at the expense of Assignee) which are deemed necessary or desirable by Assignee to perfect said right, title and interest herein conveyed, (b) prompt execution of all petitions, oaths, specifications, declarations and other papers (prepared at the expense of Assignee) which are deemed necessary or desirable by Assignee for filing or prosecuting in the United States or any foreign country said application, any application which is a division, continuation, or continuation-in-part of said application, any reissue application for any Letters Patent granted on said application, or for any interference proceeding involving said application or Letters Patent granted thereon; and (c) prompt assistance and cooperation in the prosecution of all legal proceedings involving said inventions, said application, or Letters Patent granted thereon, including oppositions, cancellation proceedings, priority contests, public use proceedings and court actions.

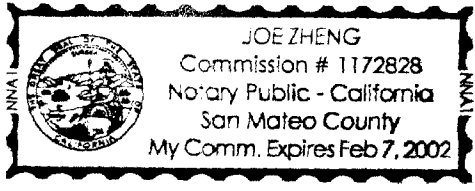
4. The terms, covenants and conditions of this Assignment shall inure to the benefit of said Assignee, its successors, assigns and/or other legal representatives, and shall be binding upon said Assignors, their heirs, legal representatives and assigns.

5. The terms, covenants and conditions of this Assignment are subject to the payment of royalty by Assignee to Assignors in accordance with the provisions of said Agreement Concerning Rights in Invention.

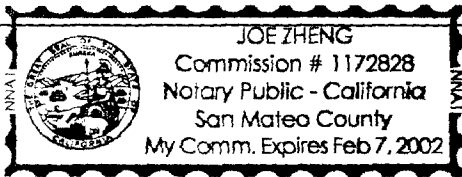
6. Said Assignors hereby request the Commissioner of Patents and Trademarks to issue said Letters Patent of the United States to said Assignee as the assignee of said inventions.

IN WITNESS WHEREOF said Assignors have executed and delivered this instrument on the respective dates noted below.

Date: 8/15/00 [Signature]
Zhonghan Deng
State: CA County: Santa Clara
Subscribed and sworn to before me on this 15th day of Aug., 2000

[Signature]
Notary Public

Date: 8/15/2000 David Xiao Dong Yang
David Xiao Dong Yang
State: CA County: Santa Clara
Subscribed and sworn to before me on this 15th day of Aug., 2000

[Signature]
Notary Public

Date: 8/15/2000 Xi Peng
Xi Peng
State: CA County: Santa Clara
Subscribed and sworn to before me on this 15th day of Aug., 2000

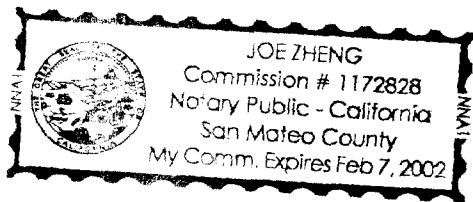


[Signature]
Notary Public

Date: 8/15/2000 Gaye Ewedemi
Odutola Oluseye Ewedemi

State: CA County: Santa Clara

Subscribed and sworn to before me on this 15th day of Aug, 2000

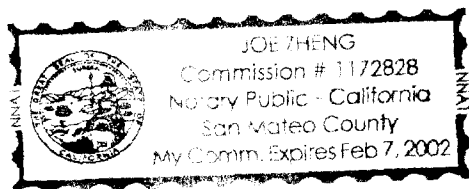


[Signature]
Notary Public

Date: 8/15/2000 Ricardo J. Motta
Ricardo Jansson Motta

State: CA County: Santa Clara

Subscribed and sworn to before me on this 15th day of Aug, 2000



[Signature]
Notary Public

Date: 8/15/2000 Yi-Hen Wei
Yi-Hen Wei

State: CA County: Santa Clara

Subscribed and sworn to before me on this 15th day of Aug, 2000



JOE ZHENG
Commission # 1172828
Notary Public - California
San Mateo County
My Comm. Expires Feb 7, 2002

Joe Zheng

Notary Public

Assignment, Page 4

RECORDED: 08/29/2000

PATENT
REEL: 011040 FRAME: 0838