

08-30-2004



Form PTO-1595 (Rev. 06/04)
OMB No. 0651-0027 (exp. 6/30/2005)

J.S. DEPARTMENT OF COMMERCE
States Patent and Trademark Office

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102824774

Correction

PATENTS ONLY

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)/Execution Date(s):

Albertelli, Lawrence E.
li, David L.
Kung, Nina

Execution Date(s) 03/19/02

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

2. Name and address of receiving party(ies)

Name: Lockheed Martin Corporation

Internal Address: _____

Street Address: 6801 Rockledge Drive

City: Bethesda

State: MD

Country: US Zip: 20817

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

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Government Interest Assignment
- Executive Order 9424, Confirmatory License
- Other corrective assignment

4. Application or patent number(s):

This document is being filed together with a new application.

A. Patent Application No.(s)
10/104,878

B. Patent No.(s)

Additional numbers attached? Yes No

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

Name: Jerry Cohen, Esq.

Internal Address: Perkins, Smith & Cohen, LLP

Street Address: One Beacon Street

City: Boston

State: MA Zip: 02108

Phone Number: 617-854-4000

Fax Number: 617-854-4040

Email Address: jcohen@pscboston.com

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40

- 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:

Jacob N. Erlich
Signature

8/24/04
Date

Jacob N. Erlich

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents: 9

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Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

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PATENT
REEL: 015735 FRAME: 0528

04-04-2002



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Form PTO-1595 (Rev. 03/01) OMB No. 0651-0027 (exp. 5/31/2002) Tab settings

U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies): Lawrence E. Albertelli David L. li Nina Kung Additional name(s) of conveying party(ies) attached? Yes No

3-22-02

2. Name and address of receiving party(ies) Name: Lockheed Martin Corporation Internal Address: c/o Lockheed Martin Federal Systems

3. Nature of conveyance: Assignment Merger Security Agreement Change of Name Other Execution Date: 3/19/02

Street Address: 1801 State Route 17C 6801 Rockledge Drive City: Owego, NY State: NY Zip: 13827-20817 Additional name(s) & address(es) attached? Yes No

4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: 3/19/02 A. Patent Application No.(s) B. Patent No.(s) Additional numbers attached? Yes No

10,104876

5. Name and address of party to whom correspondence concerning document should be mailed: Name: Jerry Cohen Internal Address: Perkins, Smith & Cohen, LLP Street Address: One Beacon Street City: Boston State: MA Zip: 02108

6. Total number of applications and patents involved: 7. Total fee (37 CFR 3.41) \$40.00 Enclosed Authorized to be charged to deposit account 8. Deposit account number: 03-2410 (Order No. 12078-149) (deficiencies only)

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9. Signature. Orlando Lopez Name of Person Signing Signature Date 3/22/02

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

Mail documents to be recorded with required cover sheet information to: Commissioner of Patents & Trademarks, Box Assignments Washington, D.C. 20231

04/03/2002 LHMUELLER 00000220 10104878 01 FC:581 40.00 OP

10976 U.S. PTO 10/10/02 03/22/02

PATENT REEL: 015735 FRAME: 0529

ASSIGNMENT

WHEREAS, we, Lawrence E. Albertelli, a resident of Owego, New York; David L. Li, a resident of Owego, New York; and Nina Kung, a resident of Owego, New York (hereinafter referred to collectively as "Assignors"), have jointly made an invention entitled **SYSTEM AND METHOD FOR FILTERING AND BINARIZATION OF IMAGES IN THE PRESENCE OF SPECULAR NOISE**, and for which an application for a United States Patent is being filed herewith.

WHEREAS, Lockheed Martin Corporation, a corporation organized and existing under the laws of the State of Maryland, having its principal place of business at ~~Lockheed Martin Federal Systems, 1801 State Route 17C, Owego, New York 13827~~ ^{6801 Rockledge Drive, Bethesda, MD 20817} (hereinafter referred to as "Assignee"), is desirous of acquiring right, title and interest in said invention.

NOW, THEREFORE, in consideration of One Dollar (\$1.00), and other good and valuable consideration, the receipt of which is hereby acknowledged, Assignors by these presents, do sell, assign and transfer to Assignee, Assignors entire right, title and interest, for the United States of America and its possessions and territories and for all foreign countries, in and to said invention, including all rights of priority created and conferred by any treaty or international convention which is available in connection with said invention, including the right to apply for patent rights, U.S. or foreign, and in any continuations, divisions, substitutes, renewals, reissues or other applications filed in the U.S. or abroad (including multinational filing arrangements of all kinds), and in any U.S. or foreign patents issued on any such applications and reissues, extensions and renewals thereof, to be held and enjoyed by Assignee, for its own use and behalf and for its successors and assigns, to the full ends of the terms or extended terms for which any Letters Patents or the like may be granted, as fully and entirely as the same would have been held by Assignors had this sale, assignment and transfer not been made.

Handwritten:
08/24/04

Assignors hereby authorize and request the Commissioner for Patents of the United States, and any official of any country or countries (including multinational filing arrangements of all kinds), whose duty it is to receive and/or examine applications for patents or similar industrial property, issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to Assignee, its successors and assigns, in accordance with the terms of this instrument.

Assignors covenant with Assignee, its successors, assigns, and legal representatives that Assignors have full right to convey the entire interest herein assigned, and that Assignors have not executed any agreement in conflict herewith and will not execute any agreement or conveyance in conflict herewith.

Assignors further covenant and agree to communicate to Assignee, its successors, legal representatives and assigns, any facts known to Assignors respecting said invention, and testify in any legal proceeding, sign all lawful papers, including, without limitation, application papers, assignments, powers of attorney, declarations, and other instruments, execute all divisional, continuing, substitute, reissue, renewal and foreign applications, make all truthful oaths, declarations and statements, and generally do everything reasonably

requested of Assignors by Assignee, or its successors or assigns to aid Assignee, its successors or assigns, to obtain, enforce and/or exploit said invention.

Executed this 19th day of March, 2002.

Lawrence E. Albertelli
Lawrence E. Albertelli

State of New York)
County of Broome) ss.

Before me appeared Lawrence E. Albertelli on this 19th day of March, 2002, who signed this Assignment document, and who acknowledges that he signed it as a free act on his behalf.

Patricia B. Krassin
Notary Public

PATRICIA B. KRASSIN
Notary Public, State of New York
Registration No. 01KR6023125
Residing in Broome County
My Commission Expires 04/12/03

My commission expires: 4/12/03

SEAL

Executed this 21st day of March, 2002.

David L. Ii
David L. Ii

State of New York)
County of Broome) ss.

Before me appeared David Ii on this 21st day of March, 2002, who signed this Assignment document, and who acknowledges that he signed it as a free act on his behalf.

Patricia B. Krassin
Notary Public
My commission expires: 4/12/03

SEAL

PATRICIA B. KRASSIN
Notary Public, State of New York
Registration No. 01KR6023125
Residing in Broome County
My Commission Expires 04/12/03

Executed this 19th day of March, 2002.

Nina Kung
Nina Kung

State of New York

County of Broome

)
) ss.
)

Before me appeared Nina Kung on this 19th day of March, 2002, who signed this Assignment document, and who acknowledges that she signed it as a free act on her behalf.

PATRICIA B. KRASSIN
Notary Public, State of New York
Registration No. 01KR6023125
Residing in Broome County
My Commission Expires 04/12/03

Patricia B. Krassin
Notary Public
My commission expires: 4/12/03

SEAL