

Form PTO-1595 (Rev. 08/05)
OMB No. 0651-0027 (exp. 6/30/2008)

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

RECORDATION FORM COVER SHEET 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)

Zhu, Xiaoxun

Yong Liu

Ka Man Au

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

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

Execution Date(s) 01/05/2006 et al.

- ☒ 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: METROLOGIC INSTRUMENTS, INC.

Internal Address: _____

Street Address: 90 COLES ROAD

City: BLACKWOOD

State: NEW JERSEY

Country: US Zip: 08012

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)

11/338,907

11/605,854

11/607,114

11/607,115

Additional numbers attached? ☐ Yes ☒ No

B. Patent No.(s)

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

Name: Thomas J. Perkowski, Esq, PC

Internal Address: _____

Street Address: 1266 East Main Street

City: Stamford

State: Connecticut Zip: 06902

Phone Number: 203-357-1950

Fax Number: 203-357-1959

Email Address: _____

6. Total number of applications and patents involved: 4

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 160

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

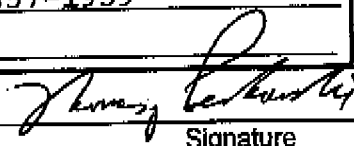
8. Payment Information

a. Credit Card Last 4 Numbers _____
Expiration Date _____

b. Deposit Account Number 16-1340

Authorized User Name Thomas Perkowski

9. Signature:


Signature

2-2-2007

Date

Thomas J. Perkowski, Esq.

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents: 28

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

PATENT

Assignment Recordation for USSN# 10/989,220

Continuation of Item 1:

Rui Hou
Hongpeng Yu
Xi Tao
Liang Liu
Wenhua Zhang
Anatoly Kotlarsky
Sankar Ghosh
Michael Schnee
Pasqual Spatafore
Thomas Amundsen
Sung Byun
Mark Schmidt
Garrett Russell
John Bonanno
C. Harry Knowles

PATENT

Attorney Docket: 108-216USA000

PATENT ASSIGNMENT

For value received we, Xiaoxun Zhu, Yong Liu, Ka Man Au, Rui Hou, Hongpeng Yu, Xi Tao, Liang Liu, Wenhua Zhang, Anatoly Kotlarsky, Sankar Ghosh, Michael Schnee, Pasqual Spatafore, Thomas Amundsen, Sung Byun, Mark Schmidt, Garrett Russell, John Bonanno, and C. Harry Knowles, hereby sell, assign and transfer to Metrologic Instruments, Inc., having a place of business at 90 Coles Road, Blackwood, New Jersey 08012, and a state of incorporation in New Jersey, as assignee, and its successors, assigns and legal representatives, the entire rights, title and interest, for all countries in and to certain inventions disclosed in U.S. Application Number 10/989,220 entitled "HAND-SUPPORTABLE IMAGING-BASED BAR CODE SYMBOL READER SUPPORTING NARROW-AREA AND WIDE-AREA MODES OF ILLUMINATION AND IMAGE CAPTURE", filed November 15, 2004 for Letters Patent of the United States, and all the rights and privileges under any and all Letters Patent that may be granted therefor.

We request that any and all patents for said invention be issued to said assignee, its successors, assigns and legal representatives, or to such nominees as it may designate.

We agree that, when requested, we will, without charge to said assignee but at its expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable or convenient for securing and maintaining patents for said inventions in any and all countries and for vesting title thereto in said assignee, its successors, assigns and legal representatives or nominees.

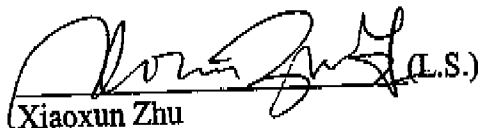
We authorize and empower said assignee, its successors, assigns and legal representatives or nominees, to invoke and claim for any application for patent or other form of protection for said invention filed by it or them, the benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it, and to invoke and claim such right of priority without further written or oral authorization from us.

We hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any assignment, consent to file or like document which may be required in any country for any purpose and more particularly in proof of the right of the said assignee or nominee to claim the aforesaid benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it.

We covenant with said assignee, its successors, assigns and legal representatives, that the rights and property herein conveyed are free and clear of any encumbrance, and that we have full right to convey the same as herein expressed.

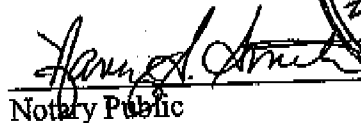
Metrologic Instruments, L.L.C.
Application No. 10/989,220

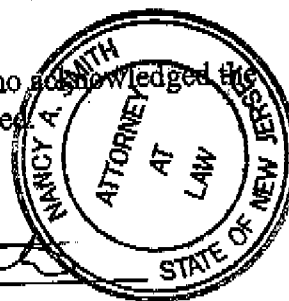
Signed at Blackwood, New Jersey
on this day of 1/5/2006

 (L.S.)
Xiaoxun Zhu

State of New Jersey)
) ss:
County of Camden)

This day before me personally appeared XIAOXUN ZHU who acknowledged the foregoing instrument and subscribed by him to be his free act and deed.


Notary Public



Signed at Suzhou, Jiangsu Province, P.R.C.
on this day of _____

Yong Liu (L.S.)

)
) ss:
)

This day before me personally appeared YONG LIU, who acknowledged the foregoing instrument and subscribed by him to be his free act and deed.

Notary Public

Patent Assignment to
Metrologic Instruments, Inc.
Application No. 10/989,220

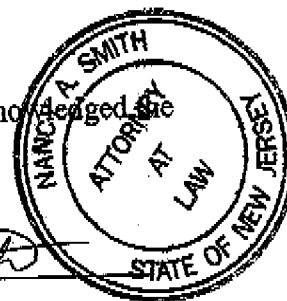
Signed at Blackwood, New Jersey
on this day of 12-8-2005.

Ka Man Au (L.S.)
Ka Man Au

State of New Jersey)
) ss:
County of Camden)

This day before me personally appeared KA MAN AU who acknowledged the foregoing instrument and subscribed by him to be his free act and deed.

Nancy A. Smith
Notary Public



Signed at Suzhou, Jiangsu Province, P.R.C.
on this day of _____.

Rui Hou (L.S.)

)
) ss:
)

This day before me personally appeared RUI HOU, who acknowledged the foregoing instrument and subscribed by him to be his free act and deed.

Notary Public

Metrologic Instruments, Inc.
Application No. 10/989,220

Signed at Singapore
on this day of - 6 DEC 2005

Hongpeng Yu (L.S.)
Hongpeng Yu

)
) ss:
)

This day before me personally appeared HONGPENG YU, who acknowledged the foregoing instrument and subscribed by him to be his free act and deed.



Notary Public

Signed at Suzhou, Jiangsu Province, P.R.C.
on this day of _____

Xi Tao (L.S.)
Xi Tao

)
) ss:
)

This day before me personally appeared XI TAO, who acknowledged the foregoing instrument and subscribed by him to be his free act and deed.

Notary Public

Patent Assignment in re
 Metrologic Instruments, Inc.
Application No. 10/989,220

Signed at Suzhou, Jiangsu Province, P.R.C.
 on this day of _____.

_____(L.S.)
 Liang Liu

)
) ss:
)

This day before me personally appeared LIANG LIU, who acknowledged the foregoing instrument and subscribed by her to be her free act and deed.

 Notary Public

Signed at Suzhou, Jiangsu Province, P.R.C.
 on this day of _____.

_____(L.S.)
 Wenhua Zhang

)
) ss:
)

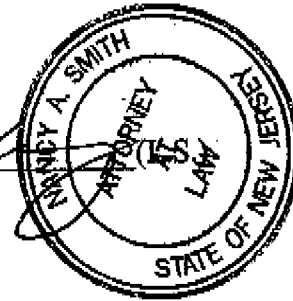
This day before me personally appeared WENHUA ZHANG, who acknowledged the foregoing instrument and subscribed by her to be her free act and deed.

 Notary Public

Patent Assignment in favor of
Metrologic Instruments, Inc.
Application No. 10/989,220

Signed at Blackwood, New Jersey
on this day of 12/7/2005

Anatoly Kotlarsky
Anatoly Kotlarsky



State of New Jersey)
) ss:
County of Camden)

This day before me personally appeared ANATOLY KOTLARSKY, who
acknowledged the foregoing instrument and subscribed by him to be his free act and deed.

[Signature]
Notary Public

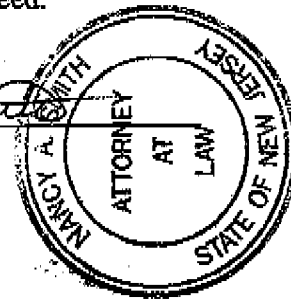
Signed at Blackwood, New Jersey
on this day of Dec 16, 2005

[Signature] (L.S.)
Sankar Ghosh

State of New Jersey)
) ss:
County of Camden)

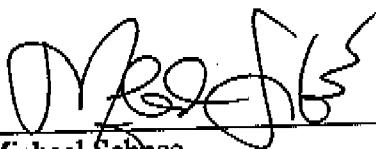
This day before me personally appeared SANKAR GHOSH, who acknowledged the
foregoing instrument and subscribed by him to be his free act and deed.

[Signature]
Notary Public



Metrologic Instruments, Inc.
Application No. 10/989,220

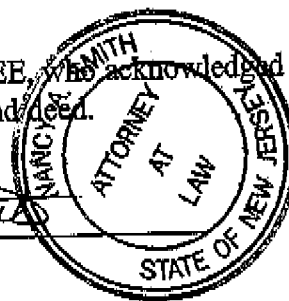
Signed at Blackwood, New Jersey
 on this day of 12/08/05

 (L.S.)
 Michael Schnee


State of New Jersey)
) ss:
 County of Camden)

This day before me personally appeared MICHAEL SCHNEE, who acknowledged the foregoing instrument and subscribed by him to be his free act and deed.


 Notary Public



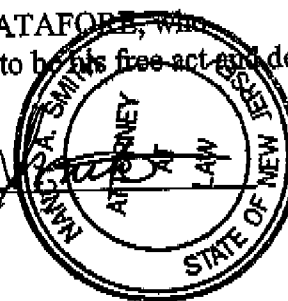
Signed at Blackwood, New Jersey
 on this day of 30th Jan 2006

 (L.S.)
 Pasqual Spatafore

State of New Jersey)
) ss:
 County of Camden)

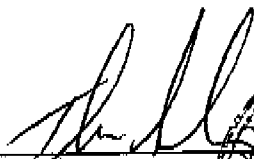
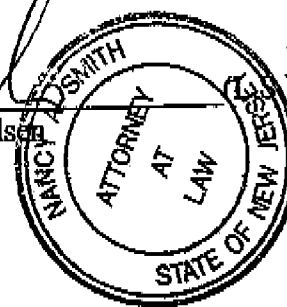
This day before me personally appeared PASQUAL SPATAFORE, who acknowledged the foregoing instrument and subscribed by him to be his free act and deed.


 Notary Public




Metrologic Instruments, Inc.
Application No. 10/989,220

Signed at Blackwood, New Jersey
 on this day of 12-12-07

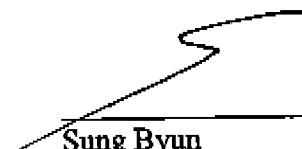

 Thomas Amundsen


State of New Jersey)
) ss:
 County of Camden)

This day before me personally appeared THOMAS AMUNDSEN, who
 acknowledged the foregoing instrument and subscribed by him to be his free act and deed.

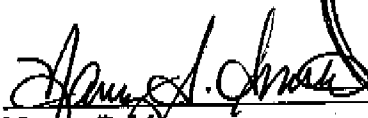
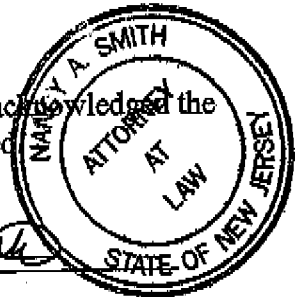

 Notary Public

Signed at Blackwood, New Jersey
 on this day of 2/24/06


 Sung Byun (L.S.)

State of New Jersey)
) ss:
 County of Camden)

This day before me personally appeared SUNG BYUN, who acknowledged the
 foregoing instrument and subscribed by him to be his free act and deed


 Notary Public


Metrologic Instruments, LLC.
Application No. 10/989,220

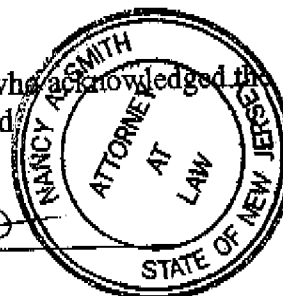
Signed at Blackwood, New Jersey
on this day of 12.6.05

 (L.S.)
Mark Schmidt

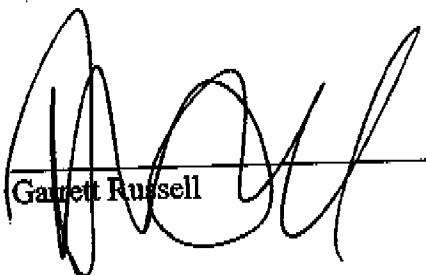
State of New Jersey)
) ss:
County of Camden)

This day before me personally appeared MARK SCHMIDT, who acknowledged the foregoing instrument and subscribed by him to be his free act and deed.


Notary Public

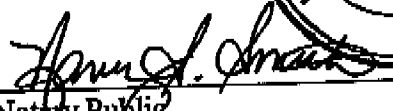


Signed at Blackwood, New Jersey
on this day of 12.9.2005

 (L.S.)
Garrett Russell

State of New Jersey)
) ss:
County of Camden)

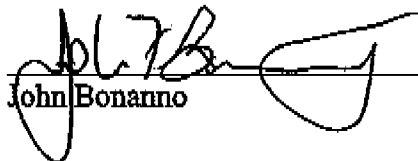
This day before me personally appeared GARRETT RUSSELL, who acknowledged the foregoing instrument and subscribed by him to be his free act and deed.


Notary Public



Metrologic Instruments, Inc.
Application No. 10/989,220

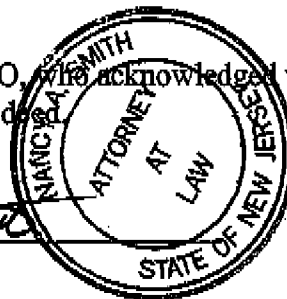
Signed at Blackwood, New Jersey
on this day of 12.9.05

 (L.S.)
John Bonanno

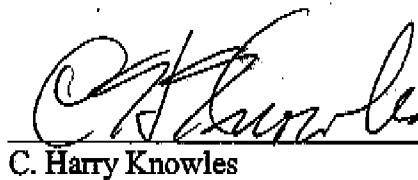
State of New Jersey)
) ss:
County of Camden)

This day before me personally appeared JOHN BONANNO, who acknowledged the foregoing instrument and subscribed by him to be his free act and deed.


Notary Public



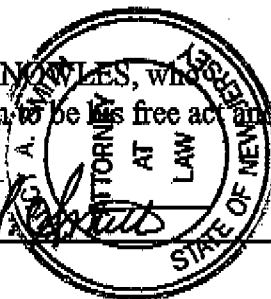
Signed at Blackwood, New Jersey
on this day of 12/20/05

 (L.S.)
C. Harry Knowles

State of New Jersey)
) ss:
County of Camden)

This day before me personally appeared C. HARRY KNOWLES, who acknowledged the foregoing instrument and subscribed by him to be his free act and deed.


Notary Public



Attorney Docket: 108-216USA000

PATENT ASSIGNMENT

For value received we, Xiaoxun Zhu, Yong Liu, Ka Man Au, Rui Hou, Hongpeng Yu, Xi Tao, Liang Liu, Wenhua Zhang, Anatoly Kotlarsky, Sankar Ghosh, Michael Schnee, Pasqual Spatafore, Thomas Amundsen, Sung Byun, Mark Schmidt, Garrett Russell, John Bonanno, and C. Harry Knowles, hereby sell, assign and transfer to Metrologic Instruments, Inc., having a place of business at 90 Coles Road, Blackwood, New Jersey 08012, and a state of incorporation in New Jersey, as assignee, and its successors, assigns and legal representatives, the entire rights, title and interest, for all countries in and to certain inventions disclosed in U.S. Application Number 10/989,220 entitled "HAND-SUPPORTABLE IMAGING-BASED BAR CODE SYMBOL READER SUPPORTING NARROW-AREA AND WIDE-AREA MODES OF ILLUMINATION AND IMAGE CAPTURE", filed November 15, 2004 for Letters Patent of the United States, and all the rights and privileges under any and all Letters Patent that may be granted therefor.

We request that any and all patents for said invention be issued to said assignee, its successors, assigns and legal representatives, or to such nominees as it may designate.

We agree that, when requested, we will, without charge to said assignee but at its expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable or convenient for securing and maintaining patents for said inventions in any and all countries and for vesting title thereto in said assignee, its successors, assigns and legal representatives or nominees.

We authorize and empower said assignee, its successors, assigns and legal representatives or nominees, to invoke and claim for any application for patent or other form of protection for said invention filed by it or them, the benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it, and to invoke and claim such right of priority without further written or oral authorization from us.

We hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any assignment, consent to file or like document which may be required in any country for any purpose and more particularly in proof of the right of the said assignee or nominee to claim the aforesaid benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it.

We covenant with said assignee, its successors, assigns and legal representatives, that the rights and property herein conveyed are free and clear of any encumbrance, and that we have full right to convey the same as herein expressed.

Metrologic Instruments, Inc.
Application No. 10/989,220

Signed at Blackwood, New Jersey
on this day of _____

_____(L.S.)
Xiaoxun Zhu

State of New Jersey)
) ss:
County of Camden)

This day before me personally appeared XIAOXUN ZHU who acknowledged the foregoing instrument and subscribed by him to be his free act and deed.

Notary Public

Signed at Suzhou, Jiangsu Province, P.R.C.
on this day of 11/30/2005

Bob Liu (L.S.)
Yong Liu

)
) ss:
)

This day before me personally appeared YONG LIU, who acknowledged the foregoing instrument and subscribed by him to be his free act and deed.

Notary Public

Metrologic Instruments, Inc.
Application No. 10/989,220

Signed at Blackwood, New Jersey
on this day of _____.

_____(L.S.)
Ka Man Au

State of New Jersey)
) ss:
County of Camden)

This day before me personally appeared KA MAN AU who acknowledged the foregoing instrument and subscribed by him to be his free act and deed.

Notary Public

Signed at Suzhou, Jiangsu Province, P.R.C.
on this day of 11/30/2005.

侯锐 _____(L.S.)
Rui Hou

)
) ss:
)

This day before me personally appeared RUI HOU, who acknowledged the foregoing instrument and subscribed by him to be his free act and deed.

Notary Public

Metrologic Instruments, Inc.
Application No. 10/989,220

Signed at Suzhou, Jiangsu Province, P.R.C.
on this day of _____

_____(L.S.)
Hongpeng Yu

)
) ss:
)

This day before me personally appeared HONGPENG YU, who acknowledged the foregoing instrument and subscribed by him to be his free act and deed.

Notary Public

Signed at Suzhou, Jiangsu Province, P.R.C.
on this day of 05/11/30


_____(L.S.)
Xi Tao

)
) ss:
)

This day before me personally appeared XI TAO, who acknowledged the foregoing instrument and subscribed by him to be his free act and deed.

Notary Public

Metrologic Instruments, Inc.
Application No. 10/989,220

Signed at Suzhou, Jiangsu Province, P.R.C.
on this day of 05/11/30.



Liang Liu

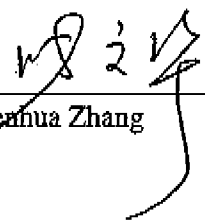
(L.S.)

)
) ss:
)

This day before me personally appeared LIANG LIU, who acknowledged the foregoing instrument and subscribed by her to be her free act and deed.

Notary Public

Signed at Suzhou, Jiangsu Province, P.R.C.
on this day of 05/11/30.



Wenhua Zhang

(L.S.)

)
) ss:
)

This day before me personally appeared WENHUA ZHANG, who acknowledged the foregoing instrument and subscribed by her to be her free act and deed.

Notary Public

Metrologic Instruments, Inc.
Application No. 10/989,220

Signed at Blackwood, New Jersey
on this day of _____

_____(L.S.)
Anatoly Kotlarsky

State of New Jersey)
) ss:
County of Camden)

This day before me personally appeared ANATOLY KOTLARSKY, who acknowledged the foregoing instrument and subscribed by him to be his free act and deed.

Notary Public

Signed at Blackwood, New Jersey
on this day of _____

(L.S.)

Sankar Ghosh

State of New Jersey)
) ss:
County of Camden)

This day before me personally appeared SANKAR GHOSH, who acknowledged the foregoing instrument and subscribed by him to be his free act and deed.

Notary Public

Metrologic Instruments, Inc.
Application No. 10/989,220

Signed at Blackwood, New Jersey
on this day of _____

_____(L.S.)
Michael Schnee

State of New Jersey)
) ss:
County of Camden)

This day before me personally appeared MICHAEL SCHNEE, who acknowledged
the foregoing instrument and subscribed by him to be his free act and deed.

Notary Public

Signed at Blackwood, New Jersey
on this day of _____

_____(L.S.)
Pasqual Spatafore

State of New Jersey)
) ss:
County of Camden)

This day before me personally appeared PASQUAL SPATAFORE, who
acknowledged the foregoing instrument and subscribed by him to be his free act and deed.

Notary Public

Application No. 10/907,220

Signed at Blackwood, New Jersey
on this day of _____

_____(L.S.)
Thomas Amundsen

State of New Jersey)
) ss:
County of Camden)

This day before me personally appeared THOMAS AMUNDSEN, who
acknowledged the foregoing instrument and subscribed by him to be his free act and deed.

Notary Public

Signed at Blackwood, New Jersey
on this day of _____

_____(L.S.)
Sung Byun

State of New Jersey)
) ss:
County of Camden)

This day before me personally appeared SUNG BYUN, who acknowledged the
foregoing instrument and subscribed by him to be his free act and deed.

Notary Public

Metrologic Instruments, Inc.
Application No. 10/989,220

Signed at Blackwood, New Jersey
on this day of _____

_____(L.S.)
Mark Schmidt

State of New Jersey)
) ss:
County of Camden)

This day before me personally appeared MARK SCHMIDT, who acknowledged the foregoing instrument and subscribed by him to be his free act and deed.

Notary Public

Signed at Blackwood, New Jersey
on this day of _____

_____(L.S.)
Garrett Russell

State of New Jersey)
) ss:
County of Camden)

This day before me personally appeared GARRETT RUSSELL who acknowledged the foregoing instrument and subscribed by him to be his free act and deed.

Notary Public

Metrologic Instruments, Inc.
Application No. 10/989,220

Signed at Blackwood, New Jersey
on this day of _____.

_____(L.S.)
John Bonanno

State of New Jersey)
) ss:
County of Camden)

This day before me personally appeared JOHN BONANNO, who acknowledged the foregoing instrument and subscribed by him to be his free act and deed.

Notary Public

Signed at Blackwood, New Jersey
on this day of _____.

_____(L.S.)
C. Harry Knowles

State of New Jersey)
) ss:
County of Camden)

This day before me personally appeared C. HARRY KNOWLES, who acknowledged the foregoing instrument and subscribed by him to be his free act and deed.

Notary Public

公 证 书

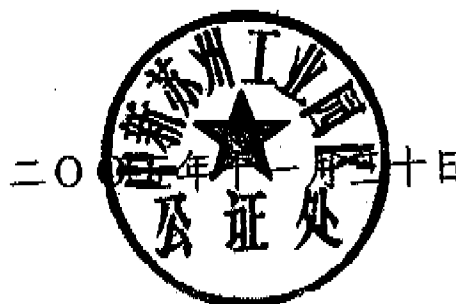
(2005)苏园证民外字第 3849 号

兹证明刘勇（男，一九七五年三月二十五日出生）、侯锐（男，一九七八年五月二十日出生）、陶曦（男，一九八〇年十月二十九日出生）、刘亮（男，一九七七年八月二十三日出生）与张文华（女，一九七八年五月五日出生）于一九八〇年十一月三十日来到我处，在我的面前，在前面的《PATENT ASSIGNMENT》上签名。

中华人民共和国中新苏州工业园区公证处

公 证 员

朱佳



10143985

PATENT

NOTARIAL CERTIFICATE

(Translation)

(2005) SYZ MW Zi, No.3849

This is to certify that Yong Liu (male, born on Mar.25, 1975), Rui Hou (male, born on May 20, 1978), Xi Tao (male, Oct.29, 1980), Liang Liu (male, born on Aug.23, 1977) and Wenhua Zhang (female, born on May 5, 1978) came to my office on Nov.30, 2005, and affixed their names on the PATENT ASSIGNMENT in my presence.

Notary: Song Jia

Sino-Singapore Suzhou Industrial

Township Notary Public Office

People's Republic of China

Nov.30, 2005

XN 10143984

PATENT

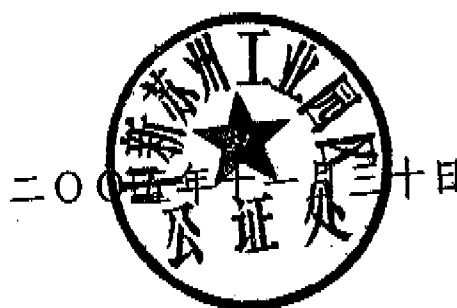
公 证 书

(2005)苏园证民外字第 3850 号

兹证明前面的(2005)苏园证民外字第3849号《公证书》
的英文译本内容与该公证书中文原本相符。

中华人民共和国中新苏州工业园区公证处

公 证 员 **朱佳**



XIV 10143983

PATENT

NOTARIAL CERTIFICATE

(Translation)

(2005) SYZ MW Zi, No.3850

This is to certify that the English translated copy of the Notarial Certificate (2005) SYZ MW Zi No.3849 attached hereto is in conformity with the Chinese original copy of the Notarial Certificate.

Notary: Song Jia

Sino-Singapore Suzhou Industrial

Township Notary Public Office

The People's Republic of China

Nov.30, 2005

XW10143982


PATENT

TO ALL TO WHOM THESE PRESENTS SHALL COME

I, **WEE CHOW SING PATRICK**, Notary Public duly authorised and appointed in the Republic of Singapore and practising in Singapore **DO HEREBY CERTIFY** that I was present on the 6th day of December 2005 and did see **HONGPENG YU** sign, seal and execute the **PATENT ASSIGNMENT** annexed hereto and that the signature thereto subscribed is of the proper handwriting of the said **HONGPENG YU**.

IN FAITH AND TESTIMONY
WHEREOF, I have hereunto
subscribed my name and affixed my
Seal of Office at Singapore this 6th
day of December in the Year of our
Lord Two Thousand and Five.

WHICH I ATTEST


WEE CHOW SING PATRICK
Notary Public
No. 7 Temasek Boulevard
#20-03 Suntec Tower One
Singapore 038987



PATENT

THOMAS J. PERKOWSKI, ESQ., P.C.
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Also admitted in New York

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Email: info@tjpatlaw.com

FACSIMILE TRANSMITTAL LETTER

Date: February, 2 2007

Time: _____ AM/PM

TO: Assignment Division of the USPTO

FROM: Thomas J Perkowski, Esq., P.C.

RE: USSN#10/989,220

Number of Pages Being Sent Including This Transmittal Letter: 28

Client-Matter Number: 108-216USA000

Transmitted to Facsimile Number: 571-273-0140

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