

FORM PTO-1619A
Expires 06/30/99
OMB 0651-0027

U.S. Department of Commerce
Patent and Trademark Office
PATENT

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- ☒ Assignment ☐ Security Agreement
☐ License ☐ Change of Name
☐ Merger ☐ Other

U.S. Government

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- ☐ Departmental File ☐ Secret File

Conveying Party(ies)

- ☒ Mark if additional names of conveying parties attached

Name (line 1) Ping-Hei Chen

Execution Date
Month Day Year
04/26/2011

Name (line 2)

Second Party

Name (line 1) Dasheng Lee

Execution Date
Month Day Year
04/26/2011

Name (line 2)

Receiving Party

- ☐ Mark if additional names of receiving parties attached

Name (line 1) Asia Vital Components Co., Ltd.

Name (line 2)

Address (line 1) 7F.-3, No. 24, Wucyuan 2nd Rd.

Address (line 2) Sinjhuang District

Address (line 3) New Taipei City

Taiwan, R.O.C.

☒ If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

City

State/Country

Zip Code

Domestic Representative Name and Address

Enter for the first Receiving Party only.

Name C. G. Mersereau

Address (line 1) NIKOLAI & MERSEREAU, P.A.

Address (line 2) 900 Second Avenue South, Suite 820

Address (line 3) Minneapolis, MN 55402

Address (line 4)

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PATENT

REEL: 026235 FRAME: 0001

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FORM PTO-1619B Expires 06/30/99 OMB 0651-0027	Page 2	U.S. Department of Commerce Patent and Trademark Office PATENT								
Correspondent Name and Address Area Code and Telephone Number 612-339-7461										
Name C. G. Mersereau, Reg. No. 26, 205										
Address (line 1) NIKOLAI & MERSEREAU, P.A. (Customer No. 23595)										
Address (line 2) 900 Second Avenue South, Suite 820										
Address (line 3) Minneapolis, MN 55402										
Address (line 4) 										
Pages Enter the total number of pages of the attached conveyance document including any attachments # 9										
Application Number(s) or Patent Number(s) <input type="checkbox"/> Mark if additional numbers attached. <small>Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).</small>										
<table style="width: 100%; border-collapse: collapse;"><tr><td style="width: 50%; text-align: center;">Patent Application Number(s)</td><td style="width: 50%; text-align: center;">Patent Number(s)</td></tr><tr><td style="border-bottom: 1px solid black; width: 33%;">12/772,236</td><td style="border-bottom: 1px solid black; width: 33%;"></td></tr><tr><td style="border-bottom: 1px solid black; width: 33%;"></td><td style="border-bottom: 1px solid black; width: 33%;"></td></tr><tr><td style="border-bottom: 1px solid black; width: 33%;"></td><td style="border-bottom: 1px solid black; width: 33%;"></td></tr></table>			Patent Application Number(s)	Patent Number(s)	12/772,236					
Patent Application Number(s)	Patent Number(s)									
12/772,236										
<small>If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.</small> Month Day Year										
Patent Cooperation Treaty (PCT) <small>Enter PCT application number only if a U.S. Application Number as not been assigned.</small>										
PCT PCT PCT 										
PCT PCT PCT 										
Number of Properties Enter the total number of properties involved. # 1										
Fee Amount Fee Amount for Properties Listed (37 CFR 3.41): \$ 40										
Method of Payment: Enclosed <input type="checkbox"/> Deposit Account <input checked="" type="checkbox"/>										
Deposit Account <small>Enter for payment by deposit account or if additional fees can be charged to the account.)</small>										
Deposit Account Number: # 08-1265										
Authorization to charge additional fees: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>										
Statement and Signature <i>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. Charges to deposit account are authorized, as indicated herein.</i>										
<table style="width: 100%; border-collapse: collapse;"><tr><td style="width: 33%; border-bottom: 1px solid black;">C. G. Mersereau</td><td style="width: 33%; border-bottom: 1px solid black; text-align: center;"></td><td style="width: 33%; border-bottom: 1px solid black; text-align: center;">May 6, 2011</td></tr><tr><td style="text-align: center;">Name of Person Signing</td><td style="text-align: center;">Signature</td><td style="text-align: center;">Date</td></tr></table>			C. G. Mersereau		May 6, 2011	Name of Person Signing	Signature	Date		
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Name of Person Signing	Signature	Date								

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**RECORDATION FORM COVER SHEET
CONTINUATION
PATENTS ONLY**

U.S. Department of Commerce
Patent and Trademark Office
PATENT

Conveying Party(ies)

☐ Mark if additional names of conveying parties attached

Enter additional Conveying Parties

Name (line 1) Ying-Chen Lin

Execution Date
Month Day Year
04/26/2011

Name (line 2)

Name (line 1)

Execution Date
Month Day Year

Name (line 2)

Name (line 1)

Execution Date
Month Day Year

Name (line 2)

Receiving Party(ies)

☐ Mark if additional names of receiving parties attached

Enter additional Receiving Party(ies)

Name (line 1)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3)

City

State/Country

Zip Code

Name (line 1)

Name (line 2)

Address (line 1)

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Patent Application Number(s)

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PATENT

REEL: 026235 FRAME: 0003

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5/4/2011 8:08:39 AM PAGE 3/005 Fax Server

NIKOLAI & MERSEREAU, P.A. COMPANY: 900 SECOND AVENUE SOUTH, SUITE 820

PATENT ASSIGNMENT

Electronic Version v1.1
Stylesheet Version v1.1

04/29/2011
501516750

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Ping-Hei Chen</td><td>04/26/2011</td></tr><tr><td>Dasheng Lee</td><td>04/26/2011</td></tr><tr><td>Ying-Chen Lin</td><td>04/26/2011</td></tr></tbody></table>		Name	Execution Date	Ping-Hei Chen	04/26/2011	Dasheng Lee	04/26/2011	Ying-Chen Lin	04/26/2011		
Name	Execution Date										
Ping-Hei Chen	04/26/2011										
Dasheng Lee	04/26/2011										
Ying-Chen Lin	04/26/2011										
RECEIVING PARTY DATA											
<table border="1"><tr><td>Name:</td><td>Asia Vital Components Co., Ltd.</td></tr><tr><td>Street Address:</td><td>7F.-3, No. 24, Wucyuan 2nd Rd.</td></tr><tr><td>City:</td><td>Sinjhuang District, New Taipei City</td></tr><tr><td>State/Country:</td><td>TAIWAN</td></tr><tr><td>Postal Code:</td><td>R.O.C.</td></tr></table>		Name:	Asia Vital Components Co., Ltd.	Street Address:	7F.-3, No. 24, Wucyuan 2nd Rd.	City:	Sinjhuang District, New Taipei City	State/Country:	TAIWAN	Postal Code:	R.O.C.
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City:	Sinjhuang District, New Taipei City										
State/Country:	TAIWAN										
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PROPERTY NUMBERS Total: 1											
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>12772236</td></tr></tbody></table>		Property Type	Number	Application Number:	12772236						
Property Type	Number										
Application Number:	12772236										
CORRESPONDENCE DATA											
Fax Number: (612)349-6556 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone: 6123397461											
Email: chuck.mersereau@nm-iplaw.com											
Correspondent Name: NIKOLAI & MERSEREAU, P.A.											
Address Line 1: 900 Second Avenue South, Suite 820											
Address Line 4: Minneapolis, MINNESOTA 55402											
ATTORNEY DOCKET NUMBER:	20110110.ORI/TH/ACL										
NAME OF SUBMITTER:	C. G. Mersereau										
Total Attachments: 2 source=ASGN#page1.tif source=ASGN#page2.tif											

CH \$40.00 12772236

ATTORNEY/DOCKET NO:

ASSIGNMENT BY INVENTOR(S) OF U.S. APPLICATION

WHEREAS, I am the original, first and sole inventor and I own (if only one name is listed below) or an original, first and joint inventor and the joint inventors own (if plural names are listed below) (referred to as "ASSIGNOR" below) the subject matter which is claimed and for which a patent is sought on the invention (referred to as the "INVENTION" below) entitled:

Title: **Smart Card**

the specification of which (check one):

<input type="checkbox"/>	is executed on even date herewith.
<input checked="" type="checkbox"/>	was filed on (day-month-year) May 3, 2010 as U.S. Application Number 12/772,236
<input type="checkbox"/>	was filed on (day-month-year) as PCT Application Number
<input type="checkbox"/>	was executed on the following date(s) (day-month-year)

WHEREAS, **ASIA VITAL COMPONENTS CO., LTD.**

having a postal address of **7F.-3, No. 24, Wucyuan 2nd Rd., Sinjhuang District, New Taipei City, Taiwan (R.O.C.)**


(referred to as "ASSIGNEE" below) desires to acquire the entire right, title and interest in and to the same in the U.S.;

NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, ASSIGNOR, by these presents does sell, assign and transfer unto ASSIGNEE, the entire right, title, and interest in and to said INVENTION and application throughout the United States of America, including any and all patents granted on any division, continuation, continuation-in-part and reissue of said application.

ALSO, ASSIGNOR hereby agrees to execute any documents that legally may be required in connection with the filing, prosecution and maintenance of said application or any other patent applications in the United States for said INVENTION, including additional documents that may be required to affirm the rights of ASSIGNEE in and to said INVENTION, all without further consideration. ASSIGNOR also agrees, without further consideration and at ASSIGNEE's expense, to identify and communicate to ASSIGNEE at ASSIGNEE's request documents and information concerning the INVENTION that are within ASSIGNOR's possession or control, and to provide further assurances and testimony on behalf of ASSIGNEE that lawfully may be required of ASSIGNOR in respect of the prosecution, maintenance and defense of any patent application or patent encompassed within the terms of this instrument. ASSIGNOR's obligations under this instrument shall extend to ASSIGNOR's heirs, executors, administrators and other legal representatives.

ALSO, ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all patents referred to above to ASSIGNEE, as the ASSIGNEE of the entire right, title and interest in and to the same, for ASSIGNEE's sole use and behoof; and for the use and behoof of ASSIGNEE's legal representatives and successors, to the full end of the term for which such patent may be granted, as fully and entirely as the same would have been held by ASSIGNOR had this assignment and sale not been made.

ASSIGNOR authorizes any member of the firm of **NIKOLAI & MERSEREAU, P.A.**, to insert or complete any information in this document needed to effect its recordal in the U.S. Patent and Trademark Office.

Full Name of First or Sole Inventor Ping-Hei Chen	Post Office Address No. 1, Roosevelt Rd., Sec. 4, Taipei City, Taiwan (R.O.C.)
Citizenship Republic of China (Taiwan)	Residence (city, and either state or foreign country, MPEP §605.02) No. 1, Roosevelt Rd., Sec. 4, Taipei City, Taiwan (R.O.C.)
Date Apr. 26	Signature 

☒ See following page(s) for additional joint inventors.

Full Name of Second Inventor Dasheng Lee	Post Office Address No. 1, Roosevelt Rd., Sec. 4, Taipei City, Taiwan (R.O.C.)
Citizenship Republic of China (Taiwan)	Residence (city, and either state or foreign country, MPEP §605.02) No. 1, Roosevelt Rd., Sec. 4, Taipei City, Taiwan (R.O.C.)
Date <i>Apr. 26th. 2011</i>	Signature <i>Dasheng Lee</i>

Full Name of Third Inventor Ying-Chen Lin	Post Office Address No. 1, Roosevelt Rd., Sec. 4, Taipei City, Taiwan (R.O.C.)
Citizenship Republic of China (Taiwan)	Residence (city, and either state or foreign country, MPEP §605.02) No. 1, Roosevelt Rd., Sec. 4, Taipei City, Taiwan (R.O.C.)
Date <i>Apr 26th</i>	Signature <i>YING-CHEN LIN</i>

Full Name of Fourth Inventor	Post Office Address
Citizenship	Residence (city, and either state or foreign country, MPEP §605.02)
Date	Signature

Full Name of Fifth Inventor	Post Office Address
Citizenship	Residence (city, and either state or foreign country, MPEP §605.02)
Date	Signature

USPTO
NIKOLAI & MERSEREAU, P.A. 5/4/2011 6:08:39 AM PAGE 4/005 Fax Server
COMPANY:900 SECOND AVENUE SOUTH, SUITE 820

ASSIGNMENT OF U.S. PATENT

ASSIGNMENT BY INVENTOR(S) OF U.S. APPLICATION

With this Assignment, I am the original, first and sole inventor and I own it (only one name is listed below) or an original, first and sole inventor and the joint inventors (not all joint names are listed below) referred to as "ASSIGNOR" below, the subject matter which is claimed and for which a patent is sought on the invention (referred to as the "INVENTION" below), entitled:

file

Smart Card

the specification of which (check one):

<input type="checkbox"/>	is executed on even date herewith.
<input checked="" type="checkbox"/>	was filed on (day-month-year) May 3, 2010 as U.S. Application Number 12/772,236
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<input type="checkbox"/>	was executed on the following date(s) (day-month-year):

WHEREAS

ASIA VITAL COMPONENTS CO., LTD.

having a postal address of 7F-3, No. 24, Wucyuan 2nd Rd., Sinhuang District, New Taipei City, Taiwan (R.O.C.)

(referred to as "ASSIGNOR" below) desires to acquire the entire right, title and interest in and to the same in the U.S.

NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, ASSIGNOR, by these presents does sell, assign and transfer unto ASSIGNEE, the entire right, title, and interest in and to said INVENTION and application throughout the United States of America, including any and all patents granted on any division, continuation, continuation-in-part and renewal of said application.

ALSO, ASSIGNOR hereby agrees to execute any documents that legally may be required in connection with the filing, prosecution and maintenance of said application or any other patent applications in the United States for said INVENTION, including additional documents that may be required to affirm the rights of ASSIGNEE, in and to said INVENTION, all without further consideration. ASSIGNOR also agrees, without further consideration, and at ASSIGNEE's expense, to identify and communicate to ASSIGNEE at ASSIGNEE's request documents and information concerning the INVENTION that are within ASSIGNOR's possession or control, and to provide further assurances and testimony on behalf of ASSIGNEE that lawfully may be required of ASSIGNOR in respect of the prosecution, maintenance and defense of any patent application or patent encompassed within the terms of this instrument. ASSIGNOR's obligations under this instrument shall extend to ASSIGNOR's heirs, executors, administrators and other legal representatives.

ALSO, ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all patents referred to above as ASSIGNEE, as the ASSIGNEE of the entire right, title and interest in and to the same, for ASSIGNEE's sole use and benefit, and for the use and benefit of ASSIGNEE's legal representatives and successors, to the full end of the term for which such patent may be granted, as fully and entirely as the same could have been held by ASSIGNOR had this assignment and sale not been made.

ASSIGNOR authorizes any member of the firm of NIKOLAI & MERSEREAU, P.A., to insert or complete any information in this document needed to effect its recordal in the U.S. Patent and Trademark Office.

Full Name of First and Sole Inventor Ping-Hsi Chen	Post Office Address No. 1, Roosevelt Rd., Sec. 4, Taipei City, Taiwan, R.O.C.
Citizenship Republic of China (Taiwan)	Residence (city, and other state or foreign country): MPTP 8163.023 No. 1, Roosevelt Rd, Sec. 4, Taipei City, Taiwan, R.O.C.
Date Apr 26 2011	Signature Ping-Hsi Chen

☒ See following page(s) for additional joint inventors.

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NIKOLAI & MERSEREAU, P.A. COMPANY:900 SECOND AVENUE SOUTH, SUITE 820

Full Name of Second Inventor Dasheng Lee	Post Office Address No. 1, Roosevelt Rd., Sec. 4, Taipei City, Taiwan, R.O.C.
Citizenship Republic of China (Taiwan)	Residence (city, and either state or foreign country, MPEP §605.02) No. 1, Roosevelt Rd., Sec. 4, Taipei City, Taiwan, R.O.C.
Date Apr 26th 2011	Signature Dasheng Lee

Full Name of Third Inventor Ying-Chen Lin	Post Office Address No. 1, Roosevelt Rd., Sec. 4, Taipei City, Taiwan, R.O.C.
Citizenship Republic of China (Taiwan)	Residence (city, and either state or foreign country, MPEP §605.02) No. 1, Roosevelt Rd., Sec. 4, Taipei City, Taiwan, R.O.C.
Date Apr 26th	Signature YING-CHEN LIN

Full Name of Fourth Inventor	Post Office Address
Citizenship	Residence (city, and either state or foreign country, MPEP §605.02)
Date	Signature

Full Name of Fifth Inventor	Post Office Address
Citizenship	Residence (city, and either state or foreign country, MPEP §605.02)
Date	Signature