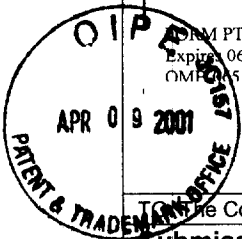


04-19-2001

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



FORM PTO-1619A  
Expires 06/30/99  
OMB No. 0651-0027



101679333  
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4-9-01

The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies).

**Submission Type**

New  
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 Document ID # \_\_\_\_\_

Correction of PTO Error  
 Reel # \_\_\_\_\_ Frame # \_\_\_\_\_

Corrective Document  
 Reel # \_\_\_\_\_ Frame # \_\_\_\_\_

**Conveyance Type**

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)  Execution Date  
 Month Day Year

Name (line 2)

**Second Party**

Name (line 1)  Execution Date  
 Month Day Year

Name (line 2)

**Receiving Party**

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Name (line 1)

Name (line 2)

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City State/Country Zip Code

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.)

**Domestic Representative Name and Address**

Enter for the first Receiving Party only.

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**Correspondent Name and Address**

Area Code and Telephone Number

248-641-1600

Name

Address (line 1)

Address (line 2)

Address (line 3)

Address (line 4)

**Pages**

Enter the total number of pages of the attached conveyance document including any attachments

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**Application Number(s) or Patent Number(s)**

Mark if additional numbers attached.

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

**Patent Application Number(s)**

**Patent Number(s)**

<input type="text" value="09/727,847"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

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.

Month Day Year

**Patent Cooperation Treaty (PCT)**

Enter PCT application number only if a U.S. Application Number as not been assigned.

PCT <input type="text"/>	PCT <input type="text"/>	PCT <input type="text"/>
PCT <input type="text"/>	PCT <input type="text"/>	PCT <input type="text"/>

**Number of Properties**

Enter the total number of properties involved.

#

**Fee Amount**

Fee Amount for Properties Listed (37 CFR 3.41):

\$

Method of Payment:

Enclosed

Deposit Account

Deposit Account

Enter for payment by deposit account or if additional fees can be charged to the account.)

Deposit Account Number:

#

Authorization to charge additional fees:

Yes

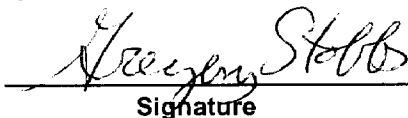
No

**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. Charges to deposit account are authorized, as indicated herein.

Gregory A. Stobbs

Name of Person Signing



Signature



Date

**RECORDATION FORM COVER SHEET  
CONTINUATION  
PATENTS ONLY**



**Conveying Party(ies)**

Mark if additional names of conveying parties attached

*Enter additional Conveying Parties*

Name (line 1)

Execution Date  
Month Day Year

Name (line 2)

Execution Date  
Month Day Year

Name (line 1)

Name (line 2)

Execution Date  
Month Day Year

Name (line 1)

Name (line 2)

**Receiving Party(ies)**

Mark if additional names of receiving parties attached

*Enter additional Receiving Party(ies)*

Name (line 1)

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Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3)     
City State/Country Zip Code

Name (line 1)

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Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3)     
City State/Country Zip Code

**Application Number(s) or Patent Number(s)**

Mark if additional numbers attached

*Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).*

**Patent Application Number(s)**

<input type="text"/>	<input type="text"/>	<input type="text"/>
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**Patent Number(s)**

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<input type="text"/>	<input type="text"/>	<input type="text"/>

# ASSIGNMENT

Atty. Docket No. 9432-000090

WHEREAS, the undersigned, hereinafter referred to collectively as Assignor, has invented:

## **Transparent Secure Electronic Credit Card Transaction Protocol With Content-Based Authentication**

for which Assignor is about to make or has made United States or International application for patent

- (a)  executed on even date preparatory to filing (each inventor should sign this Assignment on the same day as he/she signs the Declaration and Power of Attorney);
- (b)  executed on \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_; or
- (c)  filed on 12/1/00, and assigned Serial No. 09/727,847 or PCT International Application No. \_\_\_\_\_, and

WHEREAS, Matsushita Electric Industrial Co., Ltd., hereinafter referred to as Assignee, is desirous of acquiring an interest therein:

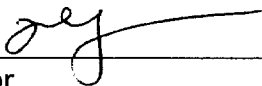
NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy whereof is hereby acknowledged, Assignor by these presents does sell, assign and transfer unto Assignee and its successors in interest, the full and exclusive right, title and interest in the United States of America and all foreign countries, including the right to claim priority under the laws of the United States, the Paris Convention, and any foreign countries, to the said invention as described in the aforesaid application, said application for patent and all Letters Patent therefor to be held and enjoyed by Assignee to the full end of the term for which said Letters Patent are granted and any extensions thereof as fully and entirely as the same would have been held by Assignor had this assignment and sale not been made;

Assignor hereby covenants and agrees to execute all instruments or documents required or requested for the making and prosecution of any applications of any type for patent in the United States and in all foreign countries including, but not limited to, any provisional, continuation, continuation-in-part, divisional, renewal or substitute thereof, and as to letter patent any reissue, re-examination, or extension thereof, and for litigation regarding, or for the purpose of protecting title and to the said invention, the United States application for patent, or Letters Patent therefor, for the benefit of Assignee without further or other compensation than that above set forth;

Assignor hereby covenants that no assignment, sale or agreement or encumbrance has been or will be entered into which would conflict with this Assignment; and

Assignor hereby requests the Commissioner of Patents and Trademarks to issue said Letters Patent of the United States of America to Assignee, and requests that any official of any country or countries foreign to the United States, whose duty it is to issue or grant patents and applications as aforesaid, to issue said Letters Patent, Utility Model Registration or Inventor's Certificate to Assignee.

# ASSIGNMENT



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First Inventor  
Hong Heather Yu

03/21/01

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Dated

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Second Inventor  
Xiangyang Kong

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Dated

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Third Inventor  
Alex Gelman

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Dated

# ASSIGNMENT

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First Inventor  
Hong Heather Yu

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Dated

*Kong*

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Second Inventor  
Xiangyang Kong

*3/21/01*

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Dated

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Third Inventor  
Alex Gelman

---

Dated

# ASSIGNMENT

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First Inventor  
Hong Heather Yu

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Dated

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Second Inventor  
Xiangyang Kong

---

Dated

---

  
Third Inventor  
Alex Gelman

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Dated

3/21/01