

RECORDATION FORM COVER SHEET
PATENTS ONLY

Atty Ref/Docket No.: 995.057US1

Patent and Trademark Office

To the Director of the U.S. Patent and Trademark Office: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Xiaobing Guo

Additional name(s) of conveying party(ies) attached?

[] Yes [X] No

3. Nature of conveyance:

[] Assignment

[] Merger

[] Security Agreement [] Change of Name

[X] Other Correct the name of the first receiving party on previously recorded cover sheet for Assignment at reel 030706 and frame 0012.

Execution Date: June 25, 2013

2. Name and address of receiving party(ies):

Name: Lenovo (Beijing) Limited

Street Address: #6 Chuangye Road
Shangdi Information Industry Base
Haidian District

City: Beijing, 100085

Country: China

Name: Beijing Lenovo Software Ltd.

Street Address: #6 Chuangye Road
Shangdi Information Industry Base
Haidian District

City: Beijing, 100085

Country: China

Additional name(s) & address(es) attached? [] Yes [X] 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:

A. Patent Application No.(s)

B. Patent No.(s)

Serial No. 13/976,735, filed June 27, 2013

Additional numbers attached? [] Yes [X] No

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

Name: Robert B. Madden

Address:

Swegman, Lundberg & Woessner, P.A.
P.O. Box 2938
Minneapolis, MN 55402--0938

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41): \$ 40.00

[] Enclosed

[X] Authorized to be charged to deposit account 19-0743

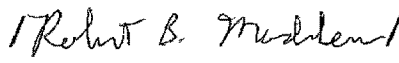
8. Please charge any additional fees or credit any over payments to our Deposit Account No.: 19-0743

DO NOT USE THIS SPACE

9. 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.

Robert B. Madden/Reg. No. 57,521
Name of Person Signing



Signature

July 12, 2013

Date

Total number of pages including cover sheet: 4

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents and Trademarks
Mail Stop Assignment Recordation Services
P.O. Box 1450
Alexandria, VA 22313-1450

CH \$40.00 190743 13976735

PATENT

502401172 06/27/2013

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

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>Xiaobing Guo</td> <td>06/25/2013</td> </tr> </tbody> </table>		Name	Execution Date	Xiaobing Guo	06/25/2013								
Name	Execution Date												
Xiaobing Guo	06/25/2013												
RECEIVING PARTY DATA													
<table border="1"> <tr> <td>Name:</td> <td>Lenovo (Beijing) Limited</td> </tr> <tr> <td>Street Address:</td> <td>#6 Chuangye Road, Shangdi Information Industry Base</td> </tr> <tr> <td>Internal Address:</td> <td>Haidian District</td> </tr> <tr> <td>City:</td> <td>Beijing</td> </tr> <tr> <td>State/Country:</td> <td>CHINA</td> </tr> <tr> <td>Postal Code:</td> <td>100085</td> </tr> </table>		Name:	Lenovo (Beijing) Limited	Street Address:	#6 Chuangye Road, Shangdi Information Industry Base	Internal Address:	Haidian District	City:	Beijing	State/Country:	CHINA	Postal Code:	100085
Name:	Lenovo (Beijing) Limited												
Street Address:	#6 Chuangye Road, Shangdi Information Industry Base												
Internal Address:	Haidian District												
City:	Beijing												
State/Country:	CHINA												
Postal Code:	100085												
<table border="1"> <tr> <td>Name:</td> <td>Beijing Lenovo Software Ltd</td> </tr> <tr> <td>Street Address:</td> <td>#6 Chuangye Road, Shangdi Information Industry Base</td> </tr> <tr> <td>Internal Address:</td> <td>Haidian District</td> </tr> <tr> <td>City:</td> <td>Beijing</td> </tr> <tr> <td>State/Country:</td> <td>CHINA</td> </tr> <tr> <td>Postal Code:</td> <td>100085</td> </tr> </table>		Name:	Beijing Lenovo Software Ltd	Street Address:	#6 Chuangye Road, Shangdi Information Industry Base	Internal Address:	Haidian District	City:	Beijing	State/Country:	CHINA	Postal Code:	100085
Name:	Beijing Lenovo Software Ltd												
Street Address:	#6 Chuangye Road, Shangdi Information Industry Base												
Internal Address:	Haidian District												
City:	Beijing												
State/Country:	CHINA												
Postal Code:	100085												
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>13976735</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13976735								
Property Type	Number												
Application Number:	13976735												
CORRESPONDENCE DATA													
Fax Number:	6123393061												
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
Phone:	612.373.6900												
Email:	uspto@slwip.com												
Correspondent Name:	SCHWEGMAN, LUNDBERG & WOESSNER, P.A.												
Address Line 1:	P.O. BOX 2938												
Address Line 4:	MINNEAPOLIS, MINNESOTA 55402												

CH \$40.00 13976735

PATENT

REEL: 030864 FRAME: 0277

Attorney Docket No. 995.057US1
Client Ref. No. FPI30052US

ASSIGNMENT

WHEREAS, Xiaobing Guo (hereinafter the "Undersigned") has made one or more inventions and other subject matter (hereinafter collectively referred to as the "Invention") which are described in a patent application filed on June 27, 2013, which application was assigned US patent application serial number 13/976,735, and which is titled METHODS FOR EXCHANGING INFORMATION BETWEEN ELECTRONIC DEVICES, AND ELECTRONIC DEVICES; which are described in a patent application filed on December 27, 2011, which application was assigned PCT application serial number PCT/CN2011/084727, and which is titled METHODS FOR EXCHANGING INFORMATION BETWEEN ELECTRONIC DEVICES, AND ELECTRONIC DEVICES; which are described in a patent application filed on December 28, 2010, which application was assigned CN application serial number 20100622553.2, and which is titled METHODS FOR EXCHANGING INFORMATION BETWEEN ELECTRONIC DEVICES, AND ELECTRONIC DEVICES.

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency, and adequacy of which are hereby acknowledged by the Undersigned, the Undersigned do hereby irrevocably and unconditionally:

CONVEY, ASSIGN, AND TRANSFER to Lenovo (Beijing) Limited (the "Assignee"), having a place of business at #6 Chuangye Road, Shangdi Information Industry Base, Haidian District, Beijing 100085, China and Beijing Lenovo Software Ltd. (the "Assignee"), having a place of business at #6 Chuangye Road, Shangdi Information Industry Base, Haidian District, Beijing 100085, China the Undersigned's entire right, title, and interest for the United States and all foreign countries and jurisdictions in and to:

the Invention which is disclosed in the above-identified application or applications;

such application or applications, and all divisional, continuing (including continuation-in-part), substitute, renewal, reissue, and all other applications for a patent or patents which have been or shall be filed in the United States (including all provisional and non-provisional applications), and in all foreign countries and jurisdictions based in whole or in part on any of such Invention (including any application for a utility model or an innovation patent application);

all original and reissued patents which have been or shall be issued in the United States and all foreign countries and jurisdictions based in whole or in part on any of such Invention;

including the right to claim priority to the above-identified patent application or applications in relation to subject matter based in whole or in part on the above-identified patent application or applications and any of the foregoing including the right to file foreign applications under the provisions of any convention or treaty;

and including the right to all causes of action, remedies, and other enforcement rights related to the above-identified application or applications, including without limitation the right to sue for past, present, or future infringement, misappropriation, or violation of any and all rights related to the above-identified patent application or applications and any of the foregoing, including the right to obtain and collect damages for past, present, or future infringement;

PATENT

REEL: 030864 FRAME: 0278

Assignment

Assignors: Xiaohing Guo

Title: METHODS FOR EXCHANGING INFORMATION BETWEEN ELECTRONIC DEVICES, AND ELECTRONIC DEVICES

Page 2 of 3

Docket No: 995.057US1

Client Ref. No. PP130052US

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such Invention to the Assignee;

AUTHORIZE AND REQUEST that any attorney associated with U.S. Patent and Trademark Office (USPTO) Customer No. 21186 may (directly or through his/her designee) delete, insert, or alter any information related to the above-identified patent application or applications or any of the foregoing, after execution of this Assignment;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or shall be made to others by the Undersigned, and that the full right to convey the same as herein expressed is possessed by the Undersigned;

COVENANT, that when requested and without compensation, but at the expense of the Assignee, in order to carry out in good faith the intent and purpose of this Assignment, the Undersigned shall (1) execute all provisional, non-provisional, divisional, continuing (including continuation-in-part), substitute, renewal, reissue, and all other patent applications for the Invention; (2) execute all rightful oaths, declarations, assignments, powers of attorney and other papers for the Invention; (3) communicate to the Assignee all facts known to the Undersigned relating to the Invention and the history thereof; (4) cooperate with the Assignee in any interference, reexamination, reissue, opposition, dispute, or litigation involving any of the applications or patents for the Invention; and (5) take such further actions as the Assignee shall reasonably consider necessary or desirable for vesting title to such Invention in the Assignee, or for securing, maintaining and enforcing proper patent protection for the Invention;

COVENANT, that should any provision of this agreement be held unenforceable by an authority of competent jurisdiction, such a ruling shall not affect the validity and enforceability of the remaining provisions. To the extent that any such provision is found to be unenforceable, the Undersigned, when requested and without compensation shall act in good faith to substitute for such provision a new provision with content and purpose as close as possible to the provision deemed unenforceable.

THIS AGREEMENT IS TO BE BINDING on the heirs, assigns, representatives, and successors of the Undersigned, and is to extend to the benefit of the successors, assigns, and nominees of the Assignee.

AGREED as of the date of my signature below:

Assignment

Assignors: Xiaobing Guo

Docket No: 095.057US1

Client Ref. No. FP130052US

Title: METHODS FOR EXCHANGING INFORMATION BETWEEN ELECTRONIC DEVICES, AND ELECTRONIC DEVICES

Page 3 of 3

Assignor:

(Signature): Xiaobing Guo

Name: Xiaobing Guo

City/State: Beijing, China

Date: Jun 25, 2013