

PATENT ASSIGNMENT

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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>Yuanqing Chen</td> <td>03/04/2013</td> </tr> <tr> <td>Guang Yang</td> <td>03/04/2013</td> </tr> <tr> <td>Xin Li</td> <td>03/04/2013</td> </tr> <tr> <td>Cheng Guo</td> <td>03/04/2013</td> </tr> <tr> <td>Hao Wang</td> <td>03/04/2013</td> </tr> </tbody> </table>		Name	Execution Date	Yuanqing Chen	03/04/2013	Guang Yang	03/04/2013	Xin Li	03/04/2013	Cheng Guo	03/04/2013	Hao Wang	03/04/2013
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Guang Yang	03/04/2013												
Xin Li	03/04/2013												
Cheng Guo	03/04/2013												
Hao Wang	03/04/2013												
RECEIVING PARTY DATA													
Name:	Lenovo (Beijing) Co., Ltd.												
Street Address:	No. 6, Shang Di West Road, 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>13786913</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13786913								
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Application Number:	13786913												
CORRESPONDENCE DATA													
Fax Number:	3123214299												
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
Phone:	3123214200												
Email:	officeactions@brinkshofer.com, amanolas@usebrinks.com												
Correspondent Name:	Brinks Hofer Gilson & Lione												
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ATTORNEY DOCKET NUMBER:	14539/62 (C13P3707-01US)												
NAME OF SUBMITTER:	G. Peter Nichols												
Total Attachments: 4 source=130306_Recordation_Cover_Sheet_14539_62#page1.tif source=130306_Executed_Assignment_14539_62#page1.tif source=130306_Executed_Assignment_14539_62#page2.tif source=130306_Executed_Assignment_14539_62#page3.tif													

CH \$40.00 13786913

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):Additional name(s) of conveying party(ies) attached? Yes NoYuanqing Chen
Guang Yang
Xin Li
Cheng Guo
Hao Wang**2. Name and Address of receiving Party(ies):**Name: **LENOVO (BEIJING) CO., LTD.**
Street Address: No.6 Shang Di West Road
Haidian District
City: Beijing 100085
Country: China**3. Nature of Conveyance/Execution Date(s):**

Execution Date(s):

Yuanqing Chen: March 4, 2013
Guang Yang: March 4, 2013
Xin Li: March 4, 2013
Cheng Guo: March 4, 2013
Hao Wang: March 4, 2013

- Assignment Merger
 Security Agreement Change of Name
 Joint Research Agreement
 Government Interest Assignment
 Executive Order 9424, Confirmatory License
 Other: _____

Additional name(s) and addresses attached? Yes No**4. Application or Patent Number(s).** This document is being filed together with a new application.

A. Patent Application No.(s):

13/786,913 filed March 6, 2013

B. Patent No.(s):

Additional numbers attached? Yes No**5. Name and address of party to whom correspondence concerning document should be mailed:**BRINKS HOFER GILSON & LIONE
PO BOX 10395
CHICAGO, IL 60610
Phone: (312) 321-4200
Fax: (312) 321-4299**6. Total no. of applications & patents involved: 1****7. Total Fee (37 CFR 1.21(h) & 3.41) \$ 40.00**

- Authorize charge by credit card
 Authorize charge to Deposit Account No. 23-1925
 Enclosed
 None required (government interest not affecting title)

8. Payment Information:

- a. Credit Card: Last 4 Numbers
Expiration Date
- b. Charge fee and/or any Deficiencies to Deposit
Account Number 23-1925
Authorized User Name: Brinks Hofer Gilson & Lione

9. Signature:

/G. Peter Nichols/

Signature

G. Peter Nichols
Name of Person Signing

March 6, 2013

Date

Total no. of pages including coversheet,
attachments and documents: 4

ASSIGNMENT

WHEREAS, Yuanqing CHEN, Guang YANG, Xin LI, Cheng GUO, and Hao WANG, hereinafter called the "Assignors", have made the invention entitled A METHOD OF IDENTIFYING A TO-BE-IDENTIFIED OBJECT AND AN ELECTRONIC DEVICE OF THE SAME, for a full description of which reference is here made to China (insert priority country) Application Number 201210057466.6 filed on March 6, 2012; Application Number 201210229482.9 filed on July 3, 2012; Application Number 201210333243.8 filed on September 10, 2012; Application Number 201210184279.4 filed on June 5, 2012; Application Number 201210067600.0 filed on March 14, 2012 and to the United States patent application executed by the Assignors on the same date as, or on a date prior to, this Assignment;

WHEREAS, Lenovo (Beijing) Co., Ltd., a corporation organized and existing under the laws of China, having a place of business at No. 6, Shang Di West Road, Haidian District, Beijing 100085, China, hereinafter called the "Assignees", desires to acquire the entire right, title and interest in and to the invention and the patent application identified above, and all patents which may be obtained for said invention, as set forth below;

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00), and other valuable and legally sufficient consideration, the receipt of which by the Assignors from the Assignee is hereby acknowledged, the Assignors have sold, assigned and transferred, and by these presents do sell, assign and transfer to the Assignee, the entire right, title and interest for the United States in and to the invention and the patent application identified above, and any patents that may issue for said invention in the United States; together with the entire right, title and interest in and to said invention and all patent applications and patents issuing therefrom in all countries foreign to the United States, including the full right to claim for any such application all benefits and priority rights under any applicable convention; together with the entire right, title and

interest in and to all continuations, divisions, renewals and extensions of any of the patent applications and patents defined above; together with the right to recover all damages, including, but not limited to, a reasonable royalty, by reason of past, present, or future infringement or any other violation of patent or patent application rights; to have and to hold for the sole and exclusive use and benefit of the Assignee, its successors and assigns, to the full end of the term or terms for all such patents.

The Assignors hereby covenant and agree, for both the Assignors and the Assignors' legal representatives, that the Assignors will assist the Assignee in the prosecution of the patent application identified above; in the making and prosecution of any other patent applications that the Assignee may elect to make covering the invention identified above; in vesting in the Assignee like exclusive title in and to all such other patent applications and patents; and in the prosecution of any interference which may arise involving said invention, or any such patent application or patent; and that the Assignors will execute and deliver to the Assignee any and all additional papers which may be requested by the Assignee to carry out the terms of this Assignment.

The Commissioner of Patents and Trademarks is hereby authorized and requested to issue patents to the Assignee in accordance with the terms of this Assignment.

IN TESTIMONY WHEREOF, the Assignors have executed this agreement.

DATE: 2013-3-4 Yuanqing CHEN
WITNESSED: Yuanqing CHEN

DATE: 2013-3-4 Suyi Zhu

DATE: 2013-3-4 Dongjin Guo

DATE: 2013-03-04 Yang Guang
WITNESSED: Guang YANG

DATE: 2013-3-4 Suyi Zhu

DATE: 2013-3-4 Dongjin Guo

DATE: 2013/3/4 Xin Li

WITNESSED: Xin Li

DATE: 2013/3/4 Suyi Zhu

DATE: 2013/3/4 Dongjin Guo.

DATE: 2013. Mar, 4 ~~Cheng~~ Cheng Guo

WITNESSED: Cheng GUO

DATE: 2013.3.4 Suyi Zhu

DATE: 2013.3.4 Dongjin Guo.

DATE: 2013-3-4 Hao Wang

WITNESSED: Hao WANG

DATE: 2013.3.4 Suyi Zhu

DATE: 2013.3.4 Dongjin Guo.