

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>Qian Zhao</td> <td>07/10/2013</td> </tr> <tr> <td>Hanfeng Zheng</td> <td>07/10/2013</td> </tr> <tr> <td>Hao Chen</td> <td>07/10/2013</td> </tr> <tr> <td>Yufei Zhang</td> <td>07/10/2013</td> </tr> <tr> <td>Chenghu Wu</td> <td>07/10/2013</td> </tr> <tr> <td>Tao Cheng</td> <td>07/10/2013</td> </tr> <tr> <td>Xiaofei Xu</td> <td>07/10/2013</td> </tr> <tr> <td>Xiaoming Liu</td> <td>07/10/2013</td> </tr> </tbody> </table>		Name	Execution Date	Qian Zhao	07/10/2013	Hanfeng Zheng	07/10/2013	Hao Chen	07/10/2013	Yufei Zhang	07/10/2013	Chenghu Wu	07/10/2013	Tao Cheng	07/10/2013	Xiaofei Xu	07/10/2013	Xiaoming Liu	07/10/2013
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RECEIVING PARTY DATA																			
<table border="1"> <tr> <td>Name:</td> <td>Lenovo (Beijing) Co., Ltd.</td> </tr> <tr> <td>Street Address:</td> <td>No.6 Shang Di West Road</td> </tr> <tr> <td>City:</td> <td>Haidian District, 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) Co., Ltd.	Street Address:	No.6 Shang Di West Road	City:	Haidian District, Beijing	State/Country:	CHINA	Postal Code:	100085								
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CORRESPONDENCE DATA																			
<p>Fax Number: 3123214299 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 312-321-4200</p> <p>Email: officeactions@brinkshofer.com</p> <p>Correspondent Name: Brinks Hofer Gilson & Lione</p> <p>Address Line 1: P.O. Box 10395</p> <p>Address Line 4: Chicago, ILLINOIS 60611</p>																			
ATTORNEY DOCKET NUMBER:	14539/78 (C12P2507-01US)																		

PATENT

NAME OF SUBMITTER:	G. Peter Nichols
Signature:	/G. Peter Nichols/
Date:	07/16/2013
Total Attachments: 5 source=130716_Assignment_Recordation_Cover_Page_14539_78#page1.tif source=130716_executed_Assignment_14539_78#page1.tif source=130716_executed_Assignment_14539_78#page2.tif source=130716_executed_Assignment_14539_78#page3.tif source=130716_executed_Assignment_14539_78#page4.tif	

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 ☒ No

Qian Zhao; Hanfeng Zheng; Hao Chen;
Yufei Zhang; Chenghu Wu; Tao Cheng;
Xiaofei Xu; Xiaoming Liu

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):

Qian Zhao: July 10, 2013
Hanfeng Zheng: July 10, 2013
Hao Chen: July 10, 2013
Yufei Zhang: July 10, 2013
Chenghu Wu: July 10, 2013
Tao Cheng: July 10, 2013
Xiaofei Xu: July 10, 2013
Xiaoming Liu: July 10, 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):

13/942,817 filed July 16, 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

July 16, 2013

Date

Total no. of pages including coversheet,
attachments and documents: 5

ASSIGNMENT

WHEREAS, Qian ZHAO, Hanfeng ZHENG, Hao CHEN, Yufei ZHANG, Chenghu WU, Tao CHENG, Xiaofei XU, and Xiaoming LIU, hereinafter called the "Assignors", have made the invention entitled TERMINAL DEVICE, for a full description of which reference is here made to China (insert priority country) Application Number 201210246742.3 filed on July 16, 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 "Assignee", 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: 10-07-2013 Qian ZHAO

WITNESSED: Qian ZHAO

DATE: 10-07-2013 Wenchi Lin

DATE: 2013-7-10 Wei Zhao

DATE: 10-07-2013 Hanfeng ZHENG

WITNESSED: Hanfeng ZHENG

DATE: 10-07-2013 Wenchi Lin

DATE: 2013-7-10 Wei Zhao

DATE: 10/07/2013 Hao Chen
WITNESSED: Hao CHEN

DATE: 10/07/2013 Weizhi Lin

DATE: 2013-7-10 best shuo.

DATE: 10/07/2013 Yufei ZHANG

WITNESSED: Yufei ZHANG

DATE: 10/07/2013 Weizhi Lin

DATE: 2013-7-10 best shuo.

DATE: 07-10-2013 chenghu WU

WITNESSED: Chenghu WU

DATE: 10/07/2013 Weizhi Lin

DATE: 2013-7-10 best shuo.

DATE: 07-10-2013 Tao CHENG

WITNESSED: Tao CHENG

DATE: 10/07/2013 Weizhi Lin

DATE: 2013-7-10 best shuo.

DATE: 07-10-2013

Xiao Fei Xu

WITNESSED:

Xiaofei XU

DATE: 10/07/2013

Weihi Lu

DATE: 2013-7-10

Weihi Lu

DATE: 07-10-2013

Xiaoming Liu

WITNESSED:

Xiaoming LIU

DATE: 10/07/2013

Weihi Lu

DATE: 2013-7-10

Weihi Lu