

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Shuangcheng ZHAO	05/26/2011
Xiaoren CHENG	05/26/2011
Weizhi LIN	05/26/2011
Ling YAO	05/26/2011

RECEIVING PARTY DATA

Name:	Beijing Lenovo Software Ltd.
Street Address:	4th Floor, #6 Chuangye Road, Shangdi Information Industry Base
Internal Address:	Haidian District
City:	Beijing
State/Country:	CHINA
Postal Code:	100085

Name:	Lenovo (Beijing) Co., Ltd.
Street Address:	No. 6 Shang Di West Road
Internal Address:	Haidian District
City:	Beijing
State/Country:	CHINA
Postal Code:	100085

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13142833

CORRESPONDENCE DATA

Fax Number: (650)798-0310
Correspondence will be sent via US Mail when the fax attempt is unsuccessful.
 Phone: 650-798-0350
 Email: peter.su@snrdenton.com

OP \$40.00 13142833

Correspondent Name: Peter Su
Address Line 1: SNR Denton US LLP
Address Line 2: 1530 Page Mill Road, Suite 200
Address Line 4: PALO ALTO, CALIFORNIA 94304-1125

ATTORNEY DOCKET NUMBER:	10020748-0002-002
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NAME OF SUBMITTER:	Peter Su
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Total Attachments: 2
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ASSIGNMENT

WHEREAS: *Shuangcheng ZHAO, a citizen of China, residing at No.6 Shang Di West Road, Haidian District, Beijing 100085, China; Xiaoren CHENG, a citizen of China, residing at No.6 Shang Di West Road, Haidian District, Beijing 100085, China; Weizhi LIN, a citizen of China, residing at No.6 Shang Di West Road, Haidian District, Beijing 100085, China and Ling YAO, a citizen of China, residing at No.6 Shang Di West Road, Haidian District, Beijing 100085, China* (hereinafter collectively referred to as **ASSIGNORS**) have jointly made a certain new and useful invention (hereinafter referred to as **INVENTION**) as set forth in an application for United States Letters Patent entitled "**BATTERY MANAGEMENT DEVICE AND PORTABLE COMPUTER**" (hereinafter referred to as **APPLICATION**);

WHEREAS, *Beijing Lenovo Software Ltd.,* organized and existing under the laws of China, having a place of business at *4th Floor, #6 Chuangye Road, Shangdi Information Industry Base, Haidian District, Beijing 100085, China;* and *Lenovo (Beijing)Co.,Ltd.,* 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 referred to as **ASSIGNEES**) are desirous of acquiring the full and exclusive right, title, and interest in, to, and under the **INVENTION** and the **APPLICATION**;

WHEREAS, U.S. National Phase Patent Application No. 13/142,833 was received by the United States Patent and Trademark Office on June 29, 2013;

NOW THEREFORE, for good and valuable consideration, the receipt and adequacy of which are hereby acknowledged, each **ASSIGNOR** hereby sells, assigns, and transfers to **ASSIGNEE** his full and exclusive right, title, and interest in the United States (including its territories and dependencies) and all countries foreign thereto in, to, and under the **INVENTION**, the **APPLICATION**, and any other United States applications (including provisional, non-provisional, utility, divisional, continuing, and reissue applications, and any applications claiming priority from the **APPLICATION**) based in whole or in part on the **APPLICATION** or in whole or in part on the **INVENTION**, and any patents (including extensions thereof) of any country that have been or may be granted on any of the aforesaid applications or on the **INVENTION** or any part thereof, and any right to priority to the **APPLICATION**;

Each **ASSIGNOR** hereby authorizes and requests the Commissioner for Patents of the United States of America to issue any and all United States Patents that may be granted on the aforesaid applications or on the **INVENTION** or any part thereof, in the name of **ASSIGNEE**;

Each **ASSIGNOR** hereby grants the attorney of record the power to insert on this agreement any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

In the event that **ASSIGNEE** is unable, after reasonable effort, to secure any **ASSIGNOR**'s signature on any **APPLICATION**, paper, or other instrument relating to any patent, patent **APPLICATION**, letters patent, copyright, or other analogous protection relating to the **INVENTION** in any country, whether because of the **ASSIGNOR**'s mental incapacity, death, or for any other reason whatsoever, said **ASSIGNOR** hereby irrevocably designates and appoints **ASSIGNEE** and its duly authorized officers and agents as said **ASSIGNOR**'s agent and attorney in fact to act for and to execute and file any such **APPLICATION**, paper, or other instrument on said **ASSIGNOR**'s behalf, and to do all other lawfully permitted acts to further the prosecution and issuance of any patent, patent **APPLICATION**, letters patent, copyright, or any other analogous protection related to the **INVENTION**, with the same legal force and effect as if executed by said **ASSIGNOR**.

Each ASSIGNOR hereby covenants that no assignment, sale, agreement, or encumbrance has been or will be made or entered into which would conflict with this sale, assignment, and transfer, and that said ASSIGNOR has the rights, titles, and interests to convey as set forth herein; AND

Each ASSIGNOR further covenants that upon ASSIGNEE's request, he will provide promptly to ASSIGNEE all pertinent facts and documents relating to the aforesaid applications and the INVENTION as may be known and accessible to said ASSIGNOR, and said ASSIGNOR will testify as to the same in any interference or litigation related thereto, and will promptly execute and deliver to ASSIGNEE, or its legal representatives, or its successor, without further consideration, any and all papers, instruments, or affidavits required to apply for, obtain, maintain, and enforce the aforesaid APPLICATIONS, as may be deemed necessary or desirable by ASSIGNEE to carry out the purposes hereof.

Shuangcheng Zhao

Shuangcheng ZHAO

2011.5.26

date of signature

Xiaoren Cheng

Xiaoren CHENG

2011.5.26

date of signature

Weizhi Lin

Weizhi LIN

2011.5.26

date of signature

Ling Yao

Ling YAO

2011.5.26

date of signature