

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT	
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT	
<b>CONVEYING PARTY DATA</b>		
	<b>Name</b>	<b>Execution Date</b>
	YIFAN PENG	03/25/2014
	GUANG YANG	03/25/2014
	KE SHANG	03/25/2014
<b>RECEIVING PARTY DATA</b>		
<b>Name:</b>	LENOVO (BEIJING) CO., LTD.	
<b>Street Address:</b>	NO.6 SHANG DI WEST ROAD	
<b>Internal Address:</b>	HAIDIAN DISTRICT	
<b>City:</b>	BEIJING	
<b>State/Country:</b>	CHINA	
<b>Postal Code:</b>	100085	
<b>PROPERTY NUMBERS Total: 1</b>		
	<b>Property Type</b>	<b>Number</b>
	Application Number:	14231178
<b>CORRESPONDENCE DATA</b>		
<b>Fax Number:</b>		
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<b>ATTORNEY DOCKET NUMBER:</b>	10020748-0043-002	
<b>NAME OF SUBMITTER:</b>	PETER SU	
<b>SIGNATURE:</b>	/Peter Su/	
<b>DATE SIGNED:</b>	04/23/2014	
<b>Total Attachments: 2</b>		
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## ASSIGNMENT

**WHEREAS**, *Yifan PENG*, a citizen of China, residing at No.6 Shang Di West Road, Haidian District, Beijing 100085, China; *Guang YANG*, a citizen of China, residing at No.6 Shang Di West Road, Haidian District, Beijing 100085, China; and *Ke SHANG*, a citizen of China, residing at No.6 Shang Di West Road, Haidian District, Beijing 100085, China (hereinafter collectively referred to as **ASSIGNOR**) 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 "THREE DIMENSIONAL DISPLAY APPARATUS, DISPLAY METHOD AND ELECTRONIC DEVICE" (hereinafter referred to as **APPLICATION**);

**WHEREAS**, *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 **ASSIGNEE**) is desirous of acquiring the full and exclusive right, title, and interest in, to, and under the **INVENTION** and the **APPLICATION**;

**WHEREAS**, the Chinese Patent Application No. 201310398095.2 was received by the State Intellectual Property Office on September 4, 2013, which a corresponding U.S. Non-Provisional Patent Application No. 14/231,178 was received by the United States Patent and Trademark Office on March 31, 2014.

**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.

Yifan PENG  
Yifan PENG

2014/03/25  
Date

Guang Yang  
Guang YANG

2014/03/25  
Date

Ke Shang  
Ke SHANG

2014/03/25  
Date