

## 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>
JUI-CHAN FAN	03/15/2017
JENG-MING LAI	03/15/2017
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<b>State/Country:</b>	CHINA
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15463834
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<b>SIGNATURE:</b>	/Kristen M. Salata/
<b>DATE SIGNED:</b>	03/20/2017
<b>Total Attachments: 2</b>	
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**ASSIGNMENT**

Title of Invention: **ROTATING SHAFT, FAN, AND ELECTRONIC DEVICE**

Whereas, the undersigned inventor(s) has/have made certain inventions, improvements, and discoveries (herein referred to as the "Invention") described in an application for Letters Patent of the United States, the declaration for which is being executed on even date herewith, and which is about to be filed in the United States Patent Office under the Lenovo Docket Number provided above in the header of this document;

Whereas, Lenovo (Beijing) Limited, a corporation organized under the laws of the People's Republic of China and having a place of business at 6 Shangdi West Road, Haidian District, Beijing, China (herein referred to as "Lenovo"), desires to acquire, and each undersigned inventor desires to grant to Lenovo, the entire worldwide right, title, and interest in and to the Invention and in and to any and all patent applications and patents directed thereto;

Now, therefore, for good and valuable consideration, the receipt and sufficiency thereof being hereby acknowledged, each undersigned inventor ("ASSIGNOR") hereby sells or has sold, assigns or has assigned, and otherwise transfers or has transferred to Lenovo (the "ASSIGNEE"), its successors, legal representatives, and assigns, the entire worldwide right, title, and interest in and to the Invention, the above-identified United States patent application, and any and all other patent applications and patents for the Invention which may be applied for or granted therefor in the United States and in all foreign countries and jurisdictions, including all divisions, continuations, reissues, reexaminations, renewals, extensions, counterparts, substitutes, and extensions thereof, and all rights of priority resulting from the filing of such applications and granting of such patents. In addition, each undersigned inventor hereby authorizes and requests the Director of the United States Patent and Trademark Office to issue any United States Patent, and foreign patent authorities to issue any foreign patent, granted for the Invention, to Lenovo, its successors, legal representatives, and assigns, the entire worldwide right, title, and interest in and to the same to be held and enjoyed by Lenovo, its successors, legal representatives, and assigns to the full end of the terms for which any and all such patents may be granted, as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not been made; and each undersigned inventor agrees to execute any and all documents and instruments and perform all lawful acts reasonably related to recording this Assignment or perfecting title to the Invention and all related patents and applications, in Lenovo, its successors, legal representatives, and assigns, whenever requested by Lenovo, its successors, legal representatives, or assigns.

Each undersigned inventor acknowledges their prior and ongoing obligations to sell, assign, and transfer the rights under this Assignment to Lenovo and is unaware of any reason why they may not have the full and unencumbered right to sell, assign, and transfer the rights hereby sold, assigned, and transferred, and has not executed, and will not execute, any document or instrument in conflict herewith. Each undersigned inventor also hereby grants Lenovo, its successors, legal representatives, and assigns, the right to insert in this Assignment any further identification (including, but not limited to, patent Application Number) which may be necessary or desirable for recordation of this Assignment.

(1) Legal Name of Inventor: **Jui-Chan Fan**

Signature: Jui-Chan Fan Date: 2017/3/15

(2) Legal Name of Inventor: **Jeng-Ming Lai**

Signature: Jeng-Ming Lai Date: 2017.3.15