

<b>PATENT ASSIGNMENT COVER SHEET</b>
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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>
SUNGYU HSIEH	09/11/2021
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	LENOVO (BEIJING) LIMITED
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<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	17474924
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<b>Fax Number:</b>	
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<b>ATTORNEY DOCKET NUMBER:</b>	00223.0308.00US
<b>NAME OF SUBMITTER:</b>	AKIKO YOSHIDA
<b>SIGNATURE:</b>	/Akiko Yoshida/
<b>DATE SIGNED:</b>	06/22/2022
<b>Total Attachments: 3</b>	
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**ASSIGNMENT BY INVENTORS**

**THIS ASSIGNMENT**, made by Sungyu HSIEH (hereinafter referred to as Assignors); who have a mailing address at c/o Lenovo, 8001 Development Drive, Morrisville, NC, 27560 USA;

**WHEREAS**, Assignors have invented certain new and useful improvements in ROTATION SHAFT ASSEMBLY AND ELECTRONIC APPARATUS, set forth in a Patent application for Letters Patent in a national patent office or international receiving office, for which an application for patent has been concurrently filed herewith. Where this Assignment is not filed concurrently with the application, the following identifying information may be added after execution:

CN Application		Filing Date:	
No.:	_____		_____
JP Application		Filing Date:	
No.:	_____		_____
PCT Application		Filing Date:	
No.:	_____		_____
US Application	17/474,924	Filing Date:	2021/09/14
No.:	_____		_____

**WHEREAS**, Lenovo (Beijing) Limited (hereinafter referred to as Assignee), a Corporation organized under and pursuant to the laws of P.R. China having its principal place of business at No.6, Shang Di West Road, Haidian District, Beijing, China 100085, is desirous of acquiring the entire right, title and interest in and to said inventions and said Application for Letters Patent of the United States, People's Republic of China and all foreign countries, and in and to any Letters Patent of the United States, People's Republic of China and all foreign countries to be obtained therefore and thereon.

**NOW, THEREFORE**, to all whom it may concern, be it known that for good and sufficient consideration, the receipt of which is hereby acknowledged, Assignor(s) have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions and applications for Letters Patent, and

in and to any and all direct and indirect provisionals, national stage applications, divisions, continuations, continuations-in-part, substitutions, re-exams, and reissues of said application, and any and all Letters Patent in the United States, People's Republic of China and all foreign countries which may be granted therefore and thereon, and reissues, reexaminations and extensions of said Letters Patent; the right to apply for Letters Patent directly in its own name where applicable; the right to claim priority of the filing date of the application for Letters Patent filed under the laws of the applicable country and under the provisions of any and all international conventions and treaties; and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee, for its own use and benefit and the use and benefit of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent may be granted and/or extended, as fully and entirely as the same would have been held and enjoyed by Assignors, had this sale and assignment not been made.

**AND** for the same consideration, Assignors hereby represent and warrant to Assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignee under law or that have already been transferred to Assignee, Assignors are the sole and lawful owners of the entire right, title and interest in and to the said inventions and application for Letters Patent above-mentioned, and that the same are unencumbered and that Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

**AND** for the same consideration, Assignors hereby covenant and agree to and with Assignee, its successors, legal representatives and assigns, that Assignors will sign all papers and documents, take all lawful oaths and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent and applications for Letters Patent for said inventions, without charge to Assignee, its successors, legal representatives and assigns, whenever counsel of Assignee, or counsel of its successors, legal representatives and assigns, shall advise: that any proceeding in connection with said inventions, or said Patent application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions including but not limited to interference proceedings, is lawful and desirable; or, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.

Lenovo Docket No. 20856/CN9202012299-US-NP  
Anova Docket No. 00223.0308.00US

**AND** Assignors acknowledge an obligation of assignment of this invention to Assignee at the time the invention was made.

I hereby grant Assignee(s), the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark office, the People's Republic of China National Intellectual Property Administration and/or any other receiving entity for recordation of this document, including the power to insert on this assignment the application number and filing date of said application when known.

9/11/2021  
Date: \_\_\_\_\_

DocuSigned by:  
謝松佑  
20110826FF19495...  
Signature: \_\_\_\_\_  
Sungyu HSIEH

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