07/12/2017 504452400

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4499101

| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date | | |
|---------------------|----------------|--|--|
| HOWARD YUEN-HO SHAW | 07/06/2017 | | |
| MING-CHUN TSAO | 07/06/2017 | | |
| MING-HUNG CHUNG | 07/06/2017 | | |
| SHIH-MING HSU | 07/06/2017 | | |

RECEIVING PARTY DATA

| Name: | LITE-ON ELECTRONICS (GUANGZHOU) LIMITED | |
|-------------------|--|--|
| Street Address: | NO. 25, GUANGPU W. RD., GUANGZHOU SCIENCE CITY | |
| Internal Address: | GUANGZHOU HI-TECH INDUSTRIAL DEVELOPMENT ZONE | |
| City: | GUANGZHOU | |
| State/Country: | CHINA | |
| Name: | LITE-ON TECHNOLOGY CORPORATION | |
| Street Address: | 22F,392, RUEY KUANG ROAD, NEIHU | |
| City: | TAIPEI | |
| State/Country: | TAIWAN | |
| Postal Code: | 114 | |

PROPERTY NUMBERS Total: 1

| Property Type | Number | | |
|---------------------|----------|--|--|
| Application Number: | 15647296 | | |

CORRESPONDENCE DATA

Fax Number: (404)521-4286

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 678-483-8899

Email: dan.mcclure@mqrlaw.com

Correspondent Name: MCCLURE, QUALEY & RODACK, LLP 3100 INTERSTATE NORTH CIRCLE Address Line 1:

Address Line 2: **SUITE 150**

Address Line 4: ATLANTA, GEORGIA 30339

ATTORNEY DOCKET NUMBER: 251205-1150

> **PATENT** REEL: 042981 FRAME: 0175

504452400

| NAME OF SUBMITTER: | DANIEL R. MCCLURE |
|--|--|
| SIGNATURE: | /Daniel R. McClure/ |
| DATE SIGNED: | 07/12/2017 |
| | This document serves as an Oath/Declaration (37 CFR 1.63). |
| Total Attachments: 2 source=00472087#page1.tif source=00472087#page2.tif | |

PATENT REEL: 042981 FRAME: 0176

| Attorney | Reference: | |
|----------|------------|--|
|----------|------------|--|

ASSIGNMENT OF AND DECLARATION FOR APPLICATION FOR UNITED STATES LETTERS PATENT

WHEREAS Howard Yuen-Ho SHAW, Ming-Chun TSAO, Ming-Hung CHUNG and Shih-Ming HSU, hereinafter referred to collectively as the assignor and inventor, has invented a certain improvement relating to

OPTICAL DISK DRIVE WITH MULTIPLE OPTICAL PICK-UP HEADS

| (X) said applic | cation being | ng attached | i nereto; | | | | | | |
|------------------|--------------|--------------|--------------------|--------------------|---|--------|---------|------|----------------|
| [] said applic | ation hav | ing been fil | ed in the United S | States Patent and | Trademark | Office | on on | | |
| | | | , as Application | Serial No. | *************************************** | | , and | was | amended |
| on | | | | _(if applicable); | | | | | |
| [] the specific | cation of v | which was | filed under the Pa | tent Cooperation | Freaty on _ | | | | |
| Serial No | | , tł | ie United States o | of America being d | lesignated. | | | | |
| AND WH | HEREAS | LITE-ON | ELECTRONICS | (GUANGZHOU) | LIMITED | and | LITE-ON | TECH | <u>INOLOGY</u> |

AND WHEREAS <u>LITE-ON ELECTRONICS (GUANGZHOU) LIMITED</u> and <u>LITE-ON TECHNOLOGY CORPORATION</u>, hereinafter referred to as the assignee or applicant, is desirous of acquiring the entire right, title and interest in and to said application, including any and all divisions and continuations thereof, and in and to said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof;

NOW THIS WITNESSETH, that for good and valuable consideration paid by said assignee to said assignor, the receipt of which is hereby acknowledged, said assignor hereby assigns, sells and transfers to said assignee, and said assignee's successors and assigns, the full and exclusive right, title and interest in and to said application, including any and all divisions and continuations thereof, and in and to said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof; said assignee, and said assignee's successors and assigns, to have, hold, exercise and enjoy the said application, including any and all divisions and continuations thereof, and the said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof, with all the rights, powers, privileges and advantages in anywise arising from or appertaining thereto, for and during the term or terms of any and all such patents when granted, including any and all renewals, reissues and prolongations thereof, for the use and benefit of said assignee, and said assignee's successors and assigns, in as ample and beneficial a manner as the said assignor might or could have held and enjoyed the same, if this assignment had not been made.

AND said assignor hereby agrees to perform, upon the request of said assignee, or said assignee's successors or assigns, any and all acts relating to the obtaining or to the asserting of said patents, including any and all renewals, reissues and prolongations thereof.

AND said assignor authorizes and requests the Commissioner of Patents and Trademarks to issue Letters Patent on said application, and on any and all divisions and continuations thereof, to said assignee, and said assignee's successors and assigns, in accordance herewith.

As an above-named inventor, I hereby declare that the above-identified application was made or authorized to be made by me, and that I am the original inventor or an original joint inventor of a claimed invention in the application.

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I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

| ASSIGNOR (SOLE OR FIRST INVENTOR): |
|--|
| Signature: Howard Yulu-Ho Shaw |
| Legal Name: Howard Yuen-Ho SHAW |
| Date: July 06, 2017 |
| |
| ASSIGNOR (SECOND INVENTOR): |
| Signature: Ming-Chun TSAO |
| Legal Name: Ming-Chun TSAO |
| Date: July 06, 2017 |
| |
| ASSIGNOR (THIRD INVENTOR): |
| Signature: MTMg-Hung-CHUNG |
| Legal Name: Ming-Hung CHUNG |
| Date: July 06, 2017 |
| , |
| ASSIGNOR (FOURTH INVENTOR): Signature: Shith - Ming (Ku |
| Signature: Ohin - Ming - Fru |
| Legal Name: Shih-Ming HSU |
| July 06 2017 |

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RECORDED: 07/12/2017