04/12/2017 504319084

PATENT ASSIGNMENT COVER SHEET

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

CONVEYING PARTY DATA

| Name | Execution Date |
|----------|----------------|
| Jian Guo | 04/05/2017 |

RECEIVING PARTY DATA

| Name: | Apple Inc. | |
|-----------------|------------------------------|--|
| Street Address: | eet Address: 1 Infinite Loop | |
| City: | Cupertino | |
| State/Country: | CALIFORNIA | |
| Postal Code: | 95014-2094 | |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 15485137 |

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| ATTORNEY DOCKET NUMBER: | 18962-0983001 |
|-------------------------|-----------------|
| NAME OF SUBMITTER: | SARAH E. HOKE |
| SIGNATURE: | /Sarah E. Hoke/ |
| DATE SIGNED: | 04/12/2017 |

Total Attachments: 1

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PATENT REEL: 041988 FRAME: 0040 504319084

Attorney Docket No.: 18962-0983001 / Client Ref:P33867US1

ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR, Jian Guo, hereby sells, assigns, and transfers to Apple Inc., a California corporation, having offices located at 1 Infinite Loop, Cupertino, California 95014, and its successors, assigns and legal representatives (collectively, "ASSIGNEE") all of the right, title and interest of ASSIGNOR throughout the world in and to any and all inventions and improvements which are the subject of a patent document entitled

MAGNETIC FIELD SENSOR ARRAY WITH ELECTROMAGNETIC INTERFERENCE CANCELLATION

| and which is found in | | | | |
|--|---|---|--|--|
| (a) | П | U.S. patent application executed on , entit | tled as above, listing the above named person as Inventor. | |
| (b) | | U.S. patent application filed on April 11, 2017 ☑ under Application No. 15/485,137 ☐ with Express Mail No. (Application Number not yet known). | | |
| (c) | | U.S. Patent No.:, issued | | |
| An attorney of record, or the attorney filing the application, is authorized and requested by the execution of this assignment to insert into this assignment the execution date of the application and/or the filing date and serial number of the application when officially known. | | | | |
| issuing t improve Convent treaties ASSIGN invention | herefrom ments; ar tion for the of like pur IEE for pa ns and im | n; all United States and foreign patents, utility mod nd the right to claim priority based on the filing dat ne Protection of Industrial Property, the Patent Cod irposes. ASSIGNOR authorizes ASSIGNEE to ap atents, utility models, and design registrations and inprovements. | nt; all legal equivalents thereof in any foreign country and all patents dels, and design registrations granted for any of said inventions and te of the foregoing patent application or patent under the Internationa operation Treaty, the European Patent Convention, and all other oply in all countries in the name of ASSIGNOR or in the name of d like rights of exclusion and for inventors' certificates for said | |
| ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into that would conflict with this assignment. | | | | |
| ASSIGNOR further covenants for himself and his respective heirs, legal representatives and assigns to provide to ASSIGNEE promptly upon the request of ASSIGNEE all pertinent facts and documents relating to said invention and said patents and legal equivalents as may be known and accessible to ASSIGNOR and to testify as to the same in any interference, litigation, or proceeding relating thereto and promptly to execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue or enforce said application, said inventions and improvements and said patents and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof. | | | | |
| ASSIGNOR requests the Commissioner of Patents and Trademarks to issue said patents of the United States and any reissue or extension thereof to the ASSIGNEE. | | | | |
| Execute | d this | Sign | nature of Inventor | |
| 05 | day of | Apri(| n Guo | |

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Assignment Page 1 of 1