

PATENT ASSIGNMENT COVER SHEET

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NATURE OF CONVEYANCE:	ASSIGNMENT
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MICHAEL V. MORELLI	09/22/2014
HONGXING YUAN	09/19/2014
PENG ZHANG	09/18/2014
BRAD V. JOHNSON	09/30/2014
MATTHEW R. GIBBONS	09/29/2014
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Property Type	Number
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Application Number:	62010057
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Total Attachments: 7

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ASSIGNMENT

Whereas, we, **JIANGRONG CAO**, a citizen of the United States of America, residing at **Fremont, California**; **MICHAEL V. MORELLI**, a citizen of the United States of America, residing at **San Jose, California**; **HONGXING YUAN**, a citizen of Singapore, residing at **San Ramon, California**; **PENG ZHANG**, a citizen of China, residing at **Pleasanton, California**; **BRAD V. JOHNSON**, a citizen of the United States of America, residing at **Santa Clara, California**; and **MATTHEW R. GIBBONS**, a citizen of the United States of America, residing at **San Jose, California**, have invented certain new and useful improvements in **NEAR FIELD TRANSDUCER USING DIELECTRIC WAVEGUIDE CORE WITH FINE RIDGE FEATURE** (hereafter "Improvements") for which we have executed an application for a United States Patent filed **July 7, 2014**, Application No. **14/324,505** and a provisional application for a United States Patent filed **June 10, 2014**, Application No. **62/010,057** (hereafter "Applications"); and

Whereas, **Western Digital (Fremont), LLC** (hereafter "Assignee"), a Delaware limited liability company, desires to acquire the entire right, title, and interest in and to the Improvements and the Applications.

Now, therefore, that for good and valuable consideration, the receipt of which is hereby acknowledged, I, the inventor, do hereby acknowledge that I have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the Assignee, its successors, legal representatives and assignees, the entire right, title, and interest throughout the world in, to and under the Improvements, and the Applications and all divisions, renewals and continuations thereof, and all applications claiming priority to the Applications, and all Letters Patent of the United States which may be granted thereof and all reissues and extensions thereof, and all rights of priority under International Conventions and applications for Letters Patent which may hereafter be filed for the Improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and I hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patents for the Improvements to the Assignee, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

We hereby covenant and agree that we will communicate to the Assignee, its successors, legal representatives and assigns, any facts known to us respecting the Improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and aid the Assignee, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for the Improvements in all countries.

