

PATENT ASSIGNMENT COVER SHEET

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NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
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SHYAM VENKATASUBRAMANIAN	09/06/2019
RECEIVING PARTY DATA	
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PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16564853
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DATE SIGNED:	09/10/2019
Total Attachments: 2	
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ASSIGNMENT

WHEREAS, I, SHYAM VENKATASUBRAMANIAN, of 920 SW Mies St., Pullman, WA 99163 U.S.A., have co-invented with SUBHANSHU GUPTA, ERFAN GHADERI, SUDIP SHEKHAR, and AJITH SIVADHASAN RAMANI, a certain invention as described in the following patent applications:

U.S. Utility Patent Application S/N XX/XXX,XXX to be filed September XX, 2019, entitled, "Spatial Interference Cancellation for Simultaneous Wireless and Information Power Transfer," which claims priority to U.S. Provisional Patent Application No. 62/728,691 filed on September 7, 2018, and U.S. Provisional Patent Application No. 62/860,995 filed on June 13, 2019, entitled, "Spatial Interference Cancellation for Simultaneous Wireless and Information Power Transfer," and any and all United States, Canada, or foreign patent applications claiming the benefits thereof, wherein such applications are collectively referred to as "the patent applications."

WHEREAS, Washington State University, a university organized under the laws of the State of Washington, having a place of business at Lighty 280/286, P.O. Box 641060, Pullman, Washington 99164-1060, desires to acquire an interest therein:

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, I, SHYAM VENKATASUBRAMANIAN, hereby sell, assign and transfer to Washington State University, my full and exclusive right, title and interest in and to said invention, patent applications and patent rights throughout the world, including foreign patent priority rights, the right to file and prosecute International Applications under the Patent Cooperation Treaty, and the right to file and prosecute applications under the European Patent Convention; said invention, the patent applications and letters patent in this or any foreign country, and all divisions, continuations, reissues and extensions thereof, to be held and enjoyed by Washington State University, for its own use and benefit, and for its successors and assigns to the full end of the term for which letters patent may be granted the United States, Canada, or any foreign country, as fully and entirely as the same would have been held by me had this assignment and sale not been made, and covenant that I have full right so to do, and agree that I will communicate to Washington State University, or its successors and assigns, any facts known to us respecting said invention, and

testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths, and do everything possible to aid Washington State University, its successors and assigns to obtain and enforce proper patent protection for said invention in the United States, Canada, or any foreign country.

I, SHYAM VENKATASUBRAMANIAN, understand that I am under no obligation to release my rights to the intellectual property of WSU Case No. 1884, titled, "Spatial Interference Cancellation for Simultaneous Wireless and Information Power Transfer." However, I choose to give, and do hereby assign to Washington State University the ownership of this intellectual property, with full knowledge and consideration of the ramifications of this assignment.

I hereby grant Washington State University and the law firm of Whitham & Cook, P.C., 11491 Sunset Hills Road, Suite 340, Reston, VA 20190, the power to insert on this Assignment any further information which may be necessary or desirable in order to comply with all applicable legal requirements, including the rules of the United States Patent and Trademark Office, and other jurisdictions as required, for submitting and recording this document.

Executed at the place and date opposite my signature below.

SHYAM VENKATASUBRAMANIAN
SHYAM VENKATASUBRAMANIAN

At PULLMAN, WA
(City and State)

on this 6th day of SEPTEMBER 2019.

STATE OF WASHINGTON)
) ss.
COUNTY OF WHITMAN)

This record was acknowledged before me on 6th day of SEPTEMBER, 2019 by SHYAM VENKATASUBRAMANIAN

[SEAL]



Denise D. Keeton
Printed Name: DENISE D. KEETON

Notary Public — state of WASHINGTON
My commission expires: 04-23-2023