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PATENT ASSIGNMENT

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NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Toshihiko YOSHIMASU	11/26/2011
Takayuki SHIBATA	11/29/2011

RECEIVING PARTY DATA

Name:	DENSO CORPORATION	
Street Address:	1-1, Showa-cho	
City:	Kariya-city, Aichi-pref.	
State/Country:	JAPAN	
Postal Code:	448-8661	

Name:	Waseda University	
Street Address:	104 Totsukamachi 1-chome	
City:	Shinjuku-ku, Tokyo	
State/Country:	JAPAN	
Postal Code:	162-0041	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13305829

CORRESPONDENCE DATA

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PATENT

DP \$40,00 1330582

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ATTORNEY DOCKET NUMBER:	01_2286
NAME OF SUBMITTER:	David G. Posz
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PATENT REEL: 027522 FRAME: 0618

Attorney Docket No. 01 2286
140050-US-AT-mik

ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which is hereby expressly acknowledged, the undersigned hereby agree(s) to assign, and hereby sell(s), assign(s) and transfer(s) to

DENSO CORPORATION, 1-1, Showa-cho, Kariya-city, Aichi-pref., 448-8661 Japan Waseda University, 104 Totsukamachi 1-chome, Shinjuku-ku, Tokyo 162-0041 Japan as Assignee, and its successors, assigns or other legal representatives, the entire right, title and interest, in the United States of America and its territories, dependencies and possessions, to certain inventions known as FREQUENCY MULTIPLIER described in an application for Letters Patent of the United States executed on even date herewith as U.S. Application Serial No. filed on as well as any and all continuations, divisions, and reissues of said application and all Letters Patents that may be granted therefor. The undersigned hereby authorize(s) and request(s) the United States Commissioner of Patents and Trademarks to issue said Letters Patent or Letters Patents to said Assignee. The undersigned agree(s), when requested, to sign all papers, take all rightful oaths, and perform all acts which may be necessary for securing and maintaining patents for said inventions and for vesting title thereto in said Assignee. The undersigned authorize(s) and empower(s) said Assignee to invoke and claim the benefit of the right of priority provided under any and all international conventions and treaties in respect of said inventions, as may be necessary in connection with said application. The undersigned also authorize(s) Posz Law Group, PLC to insert hereon any further identification that may be necessary or desirable for recordation of this document. Nov. 26, 2011 Inventor 1: Toshihiko Yoshimasu Inventor 2: Takayuki Shibata Date Witness

PATENT REEL: 027522 FRAME: 0619

Attorney Docket No. O

ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which is hereby expressly acknowledged, the undersigned hereby agree(s) to assign, and hereby sell(s), assign(s) and transfer(s) to

DENSO CORPORATION, 1-1, Showa-cho, Kariya-city, Aichi-pref., 448-8661 Japan Waseda University, 104 Totsukamachi 1-chome, Shinjuku-ku, Tokyo 162-0041 Japan as Assignee, and its successors, assigns or other legal representatives, the entire right, title and interest, in the United States of America and its territories, dependencies and possessions, to certain inventions known as FREQUENCY MULTIPLIER described in an application for Letters Patent of the United States executed X on even date herewith as U.S. Application Serial No. _____ filed on as well as any and all continuations, divisions, and reissues of said application and all Letters Patents that may be granted therefor. The undersigned hereby authorize(s) and request(s) the United States Commissioner of Patents and Trademarks to issue said Letters Patent or Letters Patents to said Assignee. The undersigned agree(s), when requested, to sign all papers, take all rightful oaths, and perform all acts which may be necessary for securing and maintaining patents for said inventions and for vesting title thereto in said Assignee. The undersigned authorize(s) and empower(s) said Assignee to invoke and claim the benefit of the right of priority provided under any and all international conventions and treaties in respect of said inventions. as may be necessary in connection with said application. The undersigned also authorize(s) Posz Law Group, PLC to insert hereon any further identification that may be necessary or desirable for recordation of this document. Inventor 1: Toshihiko Yoshimasu Date Witness November 29, 2011 Shinji Hashinada Witness

PATENT REEL: 027522 FRAME: 0620

RECORDED: 01/12/2012

Takayuki Shibata