

<b>PATENT ASSIGNMENT COVER SHEET</b>
--------------------------------------

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT5825760

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
MASARU HARAGUCHI	09/06/2019
TAKASHI KUBO	09/06/2019
YASUHIKO TSUKIKAWA	09/06/2019
TAKESHI HAMAMOTO	09/06/2019
HIRONORI IGA	09/06/2019
KENICHI YASUDA	09/06/2019
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	ZENTEL JAPAN CORPORATION
<b>Street Address:</b>	21-3, SHIMBASHI 6-CHOME
<b>Internal Address:</b>	MINATO-KU
<b>City:</b>	TOKYO
<b>State/Country:</b>	JAPAN
<b>Postal Code:</b>	1050004
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16491899
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(719)623-0141
<i>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.</i>	
<b>Phone:</b>	7194757103
<b>Email:</b>	unum@huffmanlaw.net
<b>Correspondent Name:</b>	HUFFMAN LAW GROUP, PC
<b>Address Line 1:</b>	6925 SNOW MASS DR.
<b>Address Line 4:</b>	COLORADO SPRINGS, COLORADO 80908
<b>ATTORNEY DOCKET NUMBER:</b>	10094740-50634774
<b>NAME OF SUBMITTER:</b>	TAYSIE J. LOCKE
<b>SIGNATURE:</b>	/Taysie J. Locke/
<b>DATE SIGNED:</b>	11/18/2019

**Total Attachments: 2**

source=10094740-50634774\_Assignment#page1.tif

source=10094740-50634774\_Assignment#page2.tif

## ASSIGNMENT

<b>TITLE OF INVENTION</b>	CONTROL DEVICE, SEMICONDUCTOR MEMORY DEVICE AND CONTROL METHOD FOR A SEMICONDUCTOR MEMORY DEVICE
<b>DOCKET NUMBER</b>	

WHEREAS, I, the undersigned inventor (or one of the undersigned joint inventors), of residence as listed, having invented certain new and useful improvements as below entitled, for which application for United States Letters Patent is made, the said application having been executed on even date herewith;

AND WHEREAS, ZENTEL JAPAN CORPORATION, together with any successors, legal representatives, or assigns thereof, with its principal office at 21-3, Shimbashi 6-chome, Minato-ku, Tokyo 1050004, Japan, wants to acquire the entire right, title and interest in and to the said invention(s), and to the said application and any Letters Patent that may issue thereon;

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledge, I have sold, assigned, transferred and set over, and do hereby sell, assign, transfer and set over to the said ZENTEL JAPAN CORPORATION, its successors and assigns, the entire right, title and interest in and to the said invention and in and to the said application and all patents which may be granted thereon, and all divisions, reissues, substitutions, continuations, and extensions thereof, and I/we hereby authorize and request the Commissioner of Patents, and any officials of foreign countries whose duty it is to issue patents on applications, to issue all patents for said invention, or patents resulting therefrom, insofar as my interest in concerned, to the said ZENTEL JAPAN CORPORATION, as assignee of my entire right, title and interest;

I ALSO HEREBY sell and assign to ZENTEL JAPAN CORPORATION, its successors and assigns, my foreign rights to the invention disclosed in said application, in all countries of the world, including the right to file applications and obtain patents under the terms of the International Convention for the Protection of Industrial Property, and of the European Patent Convention, and further agree to execute any and all patent applications, assignments, affidavits, and any other papers in connection therewith necessary to perfect such patent rights;

AND I HEREBY covenant that I have full right to convey the entire interest herein assigned, and that I have not executed, and will not execute, any agreement in conflict herewith;

AND I HEREBY further covenant that I will communicate to said ZENTEL JAPAN CORPORATION or to its successors, assigns and legal representatives, any facts known to me respecting said invention, and at the expense of said ZENTEL JAPAN CORPORATION testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, reissue and substitute applications, make all lawful oaths, and generally do everything possible to aid said ZENTEL JAPAN CORPORATION its successors, assigns and nominees to obtain and enforce proper patent protection for said invention in all countries.

IN WITNESS WHEREOF, I hereunto set my hand this day and year:

INVENTOR NAME(S)	RESIDENCE AND MAILING ADDRESS	CITIZENSHIP	SIGNATURE	DATE
Masaru HARAGUCHI	21-3, Shimbashi 6-chome, Minato-ku, Tokyo 1050004, Japan	JP	<i>Masaru Haraguchi</i>	Sep. 6th, 2019
Takashi KUBO	21-3, Shimbashi 6-chome, Minato-ku, Tokyo 1050004, Japan	JP	<i>Takashi Kubo</i>	September 6 2019

Docket: 10030910- 50458727  
Assignment

Yasuhiko TSUKIKAWA	21-3, Shimbashi 6-chome, Minato-ku, Tokyo 1050004, Japan	JP	<i>Yasuhiko Tsukikawa</i>	<i>Sep. 6<sup>th</sup>, 2019</i>
Takeshi HAMAMOTO	21-3, Shimbashi 6-chome, Minato-ku, Tokyo 1050004, Japan	JP	<i>Takeshi Hamamoto</i>	<i>Sep. 6<sup>th</sup> 2019</i>
Hironori IGA	21-3, Shimbashi 6-chome, Minato-ku, Tokyo 1050004, Japan	JP	<i>Hironori Iga</i>	<i>Sep. 6<sup>th</sup> 2019</i>
Kenichi YASUDA	21-3, Shimbashi 6-chome, Minato-ku, Tokyo 1050004, Japan	JP	<i>Kenichi Yasuda</i>	<i>Sep. 6<sup>th</sup> 2019</i>