505901007 02/05/2020

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JUN-ICHI OKAMURA	04/28/2010
AKIRA YASUDA	04/30/2010

RECEIVING PARTY DATA

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PROPERTY NUMBERS Total: 1

Property Type	Number
Patent Number:	9693136

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NAME OF SUBMITTER:	YOON S. HAM
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DATE SIGNED:	02/05/2020

Total Attachments: 1

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PATENT 505901007 REEL: 051728 FRAME: 0029

Attorney Docket No.: 2124.1002

U.S. ASSIGNMENT

S&11 1/06

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter, "ASSIGNOR") by

(Insert Name(s) & Address(es) of ASSIGNEE(S))

Trigence Semiconductor, Inc. 4-6-13-404, Kudanminami, Chiyoda-ku, Tokyo, 1020074 JAPAN

(hereinafter, "ASSIGNEE"), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled (Title of Invention)

DIGITAL SPEAKER DRIVING APPARATUS

executed on even date herewith or, if not so executed, wa	S:
(a) executed on;	(Insert date of execution of application, if not concurrent)
(b) filed on <u>March 22, 2010</u> , Serial No. <u>12/659,813</u> ;	Any registered attorney of STAAS & HALSEY LLP, 1201 New York Avenue, N.W., Suite 700 Washington, D.C. 20005 (202/434-1500) is hereby authorized to insert in (b) the specified data, when known.

relating to International Patent Application PCT/JP2009/059867 and/or for which application for Letters Patent of the United States was

and to said application and all Letters Patent(s) of the United States granted on said application and any continuation, division, renewal, substitute, reissue or reexamination application based thereon, for the full term or terms for which the said Letters Patent(s) may be granted and including any extensions thereof (collectively, hereinafter, "said application(s) and Letters Patent(s)").

The ASSIGNOR agree(s), when requested by said ASSIGNEE and without charge to but at the expense of said ASSIGNEE, to do all acts which the ASSIGNEE may deem necessary, desirable or expedient, for securing, maintaining and enforcing protection for said invention, including in the preparation and prosecution of said application(s) and the issuance of said Letters Patent(s), in any interference, reissue, reexamination, or public use proceeding, and in any litigation or other legal proceeding which may arise or be declared in relation to same, such acts to include but not be limited to executing all papers, including separate assignments and declarations, taking all rightful oaths, providing sworn testimony, and obtaining and producing evidence.

IN WITNESS WHEREOF, the undersigned inver	ntor(s) has (have) affixed his/her	/their signature(s).
(Typed Name & Signature of Inventor(s))	(Date)	(Typed Name & Signature of Witness(es))
1) Aud Cann	2010 Apr 28	Meleapi Makayan Hideak: Nakayama
Jun-ichi OKAMURA	,	Hidashi Nakovanas
$I \cap I \cap I \cap I$. 4	Maear. Marayana
2) Chris Janda	30 Apr. 2010_	Schelent Makayan
Akira YASUDA	7	Odiclenki Makayan Hidealc: Nalcayana
3)		
4)		