## 505066094 08/28/2018

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5112850

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
YUKA INOUE	08/20/2018
MITSUNORI FUKURA	08/23/2018
NOBUYOSHI TAKAHASHI	08/21/2018
MASAHIRO ODA	08/21/2018
HISASHI YANO	08/20/2018
YUTAKA ITO	08/20/2018
YASUNORI MORINAGA	08/20/2018

#### **RECEIVING PARTY DATA**

Name:	TOWERJAZZ PANASONIC SEMICONDUCTOR CO., LTD.
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City:	TOYAMA
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#### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	16114303

### **CORRESPONDENCE DATA**

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DATE SIGNED:	08/28/2018	

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PATENT REEL: 046957 FRAME: 0950

#### <u>ASSIGNMENT</u>

WHEREAS we, Yuka INOUE of c/o TowerJazz Panasonic Semiconductor Co., Ltd., 800
Higashiyama, Uozu City, Toyama 937-8585, Japan, Mitsunori FUKURA of c/o TowerJazz
Panasonic Semiconductor Co., Ltd., 800 Higashiyama, Uozu City, Toyama 937-8585,
Japan, Nobuyoshi TAKAHASHI of c/o TowerJazz Panasonic Semiconductor Co., Ltd., 800
Higashiyama, Uozu City, Toyama 937-8585, Japan, Masabiro ODA of c/o TowerJazz
Panasonic Semiconductor Co., Ltd., 800 Higashiyama, Uozu City, Toyama 937-8585,
Japan, Hisashi YANO of c/o TowerJazz Panasonic Semiconductor Co., Ltd., 800
Higashiyama, Uozu City, Toyama 937-8585, Japan, Yutaka ITO of c/o TowerJazz
Panasonic Semiconductor Co., Ltd., 800 Higashiyama, Uozu City, Toyama 937-8585,
Japan and Yasunori MORINAGA of c/o TowerJazz Panasonic Semiconductor Co., Ltd.,
800 Higashiyama, Uozu City, Toyama 937-8585, Japan (hereinafter referred to as
"ASSIGNOR") of have invented certain new and useful improvements in:

SEMICONDUCTOR DEVICE AND METHOD FOR MANUFACTURING SAME which is a continuation of International Patent Application No. <u>PCT/JP2017/004961</u> filed on <u>February 10, 2017</u> which claims priority to **Japanese** Application No. <u>2016-036622</u> filed on <u>February 29, 2016</u>, and for which we are about to file or have filed an application for Letters Patent of the United States;

AND WHEREAS, TowerJazz Panasonic Semiconductor Co., Ltd. (hereinafter referred to as "ASSIGNEE"), a corporation organized and existing under the laws of Japan having a place of business at 800 Higashiyama, Uozu City, Toyama 937-8585, Japan is desirous of acquiring an interest in the United States and all foreign countries, in and to the said invention and Letters Patent to be obtained therefor:

NOW THEREFORE, TO ALL WHOM IT MAY CONCERN, be it known that for good and valuable consideration, the receipt of which is hereby acknowledged, we, the said ASSIGNOR, have assigned and transferred, and hereby assign and transfer unto the said ASSIGNEE, the entire right, title and interest in and to said invention in the United States and in all foreign countries, including priority rights, as fully set forth and described in said application; and we do hereby authorize and request the Commissioner of Patents to issue said Letters Patent on said application, and any and all Letters Patent that may be issued upon any and all revivals, refilings, continuations, continuations-in-part, divisions and reissues thereof, to the said ASSIGNEE, an assignee of the entire right, title and interest in and to the same, for the sole use and behoof of ASSIGNEE, its successors and assigns; and we do hereby agree that

PATENT REEL: 046957 FRAME: 0951 the said ASSIGNEE, may apply for foreign Letters Patent on said invention and that we will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by the said ASSIGNEE, its successors or assigns, and that we will, at the cost and expense of the said ASSIGNEE fully assist and cooperate in all matters in connection with the United States and foreign applications and patents issuing thereon.

The undersigned declare that all statements made herein of his/her own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Date: <u>August 20, 2018</u>	Yuka Inoue L.S. Yuka INOUE
Date: August 23, 2018	Miteunori Fukura L.S. Mitsunori FUKURA
Date: August, 21, 20/8	<u>Nobuyoshi Pakohashi L.S</u> Nobuyoshi TAKAHASHI
Date: August, 21, 2018	<u>Masahuo Oda</u> L.S Masahiro ODA
Date: August 20, 2018	<u>/Liashi Yawo</u> L.S Hisashi YANO

PATENT REEL: 046957 FRAME: 0952 Date: <u>Pozust 20, 2018</u> <u>Jutaka</u> ITO

Date: August 20, 2018 Yasunori Morinaga L.S. Yasunori MORINAGA

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**RECORDED: 08/28/2018**