

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
KUNIHIO ASADA	06/15/2015
TETSUYA IIZUKA	06/11/2015
SATOSHI MIURA	06/19/2015
YOHEI ISHIZONE	06/08/2015
YOSHIMICHI MURAKAMI	06/19/2015
SHUNICHI KUBO	06/19/2015
SHUHEI YAMAMOTO	06/19/2015
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	THINE ELECTRONICS, INC.
<b>Street Address:</b>	9-1, KANDA-MITOSHIRO-CHO, CHIYODA-KU
<b>City:</b>	TOKYO
<b>State/Country:</b>	JAPAN
<b>Postal Code:</b>	101-0053
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	14428229
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	
<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>	
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<b>Correspondent Name:</b>	SUGHRUE MION, PLLC
<b>Address Line 1:</b>	2100 PENNSYLVANIA AVENUE NW
<b>Address Line 2:</b>	SUITE 800
<b>Address Line 4:</b>	WASHINGTON, D.C. 20037
<b>ATTORNEY DOCKET NUMBER:</b>	Q218329
<b>NAME OF SUBMITTER:</b>	ANDREW ANNIS
<b>SIGNATURE:</b>	/Andrew Annis/
<b>DATE SIGNED:</b>	07/27/2015

**Total Attachments: 4**

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# ASSIGNMENT

Whereas, I/we,

NameAddress

1) Kunihiro ASADA

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2-11-16, Yayoi,  
Bunkyo-ku, Tokyo 113-0032 Japan

2) Tetsuya IIZUKA

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5) Yoshimichi MURAKAMI

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6) Shunichi KUBO

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7) Shuhei YAMAMOTO

c/o THINE ELECTRONICS, INC.,  
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hereinafter called assignor(s), have invented certain improvements in  
**CLOCK-GENERATING DEVICE AND CLOCK DATA RECOVERY DEVICE**

and executed an application for Letters Patent of the United States of America therefor on even date herewith unless otherwise indicated below:

filed on March 13, 2015, Serial No. 14/428229; and

Whereas

THINE ELECTRONICS, INC.

9-1, Kanda-mitoshiro-cho,

Chiyoda-ku, Tokyo 101-0053 Japan

(assignee), desires to acquire the entire right, title and interest in the application and invention, and to any United States patents to be obtained therefor;

NOW THEREFORE, be it known that, for good and valuable consideration from assignee, the receipt of which is hereby acknowledged, I/WE, as assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the assignee, its lawful successors and assigns, MY/OUR entire right, title, and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof, and I/WE hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue all Letters Patent for this invention to assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, I/WE HEREBY further covenant and agree that I/WE will, without further consideration, communicate with assignee, its successors and assigns, any facts known to ME/US respecting this invention and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver all papers that may be necessary or desirable to perfect the title to this invention in said assignee, its successors and assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States, it being understood that any expense incident to the execution of such papers shall be borne by the assignee, its successors and assigns.

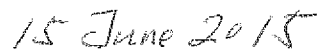
INVENTORSDATE SIGNED

1) :

Name :



Kunihiro ASADA



2) : Tetsuya IIZUKA  
Name : Tetsuya IIZUKA  
3) : Satoshi Miura  
Name : Satoshi MIURA  
4) : Yohei ISHIZONE  
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5) : Yoshimichi MURAKAMI  
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6) : Shunichi KUBO  
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Name : Shuhei YAMAMOTO

6/11/2015

6/19/2015

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19 June 2015

19 June 2015

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貴No: PCT0074 (US)  
弊No: FP13-0494-00US-XX

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INVENTORS

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Name : *Yohei Ishizone* 06/08/2015  
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Name : Shuhei YAMAMOTO

#1/

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