

## PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

EPAS ID: PAT4238682

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
PETER JOHN FRITH	01/18/2017
YONGSHENG XU	01/18/2017
A. MARTIN MALLINSON	01/18/2017
ROBERT LYNN BLAIR	01/19/2017
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	ESS TECHNOLOGY, INC.
<b>Street Address:</b>	237 SOUTH HILLVIEW DRIVE
<b>City:</b>	MILPITAS
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	95035
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15261939
<b>CORRESPONDENCE DATA</b>	
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<b>Phone:</b>	650-305-3050
<b>Email:</b>	info@gardkaslow.com
<b>Correspondent Name:</b>	GARD & KASLOW LLP
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<b>ATTORNEY DOCKET NUMBER:</b>	PA1339US
<b>NAME OF SUBMITTER:</b>	V. RANDALL GARD
<b>SIGNATURE:</b>	/V. Randall Gard/
<b>DATE SIGNED:</b>	01/23/2017
<b>Total Attachments: 4</b>	
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**ASSIGNMENT**

For good and valuable consideration, the receipt of which is hereby acknowledged, we, the undersigned, **Peter John Frith, Yongsheng Xu, A. Martin Mallinson and Robert Lynn Blair**, do hereby sell, assign, and transfer to **ESS Technology, Inc.**, a corporation with offices at **237 South Hillview Drive, Milpitas, CA 95035** ("Assignee"), and its successors, assigns, and legal representatives, the entire right, title and interest for the United States and all foreign countries, in and to any and all improvements which are disclosed in the United States patent application serial No. **15/261,939** filed on **September 10, 2016**, and entitled:

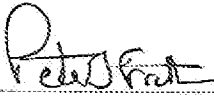
**“Apparatus and Method for Achieving Very High-Output Signal Swing  
From Class-D Amplifier”**

and in and to said application and all utility, divisional, continuing, substitute, renewal, reissue, and all other patent applications which have been or shall be filed in the United States and all foreign countries on any of said improvements; and in and to all original and reissued patents which have been or shall be issued in the United States and all foreign countries on said improvements; and in and to all rights of priority resulting from the filing of said United States patent application; and

Agree that said Assignee may apply for and receive patents for said improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said improvements; execute all rightful oaths, assignments, powers of attorney and

other papers; communicate to said Assignee, its successors, assigns, and representatives, all facts known to the undersigned relating to said improvements and the history thereof; and generally do everything possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns and legal representatives; and

Covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Date: 18th January 2017 Name:   
**Peter John Frith**

Date: \_\_\_\_\_ Name: \_\_\_\_\_  
**Yongsheng Xu**

Date: \_\_\_\_\_ Name: \_\_\_\_\_  
**A. Martin Mallinson**

Date: \_\_\_\_\_ Name: \_\_\_\_\_  
**Robert Lynn Blair**

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Date: \_\_\_\_\_

Name: \_\_\_\_\_

**Peter John Frith**

Date: Jan 18<sup>th</sup>, 2017

Name: \_\_\_\_\_

**Yongsheng Xu**

Date: Jan 18<sup>th</sup> 2017

Name: \_\_\_\_\_

**A. Martin Mallinson**

Date: \_\_\_\_\_

Name: \_\_\_\_\_

**Robert Lynn Blair**

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Date: \_\_\_\_\_

Name: \_\_\_\_\_

**Peter John Frith**

Date: \_\_\_\_\_

Name: \_\_\_\_\_

**Yongsheng Xu**

Date: \_\_\_\_\_

Name: \_\_\_\_\_

**A. Martin Mallinson**Date: January 19, 2017

Name: \_\_\_\_\_

**Robert Lynn Blair**