

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
STEVEN DOUGLAS TAYLOR	02/01/2018
STUART JOHN LAWRENCE HARLEY	02/01/2018
JOHN HANDFORD	02/01/2018
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PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15569492
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ATTORNEY DOCKET NUMBER:	Q236129
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SIGNATURE:	/Nichole McRorie/
DATE SIGNED:	03/19/2019
Total Attachments: 6	
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ASSIGNMENT OF INVENTION & PATENT RIGHTS

Parties

- (1) **TAYLOR, STEVEN DOUGLAS** c/o Shimadzu Research Laboratory (Europe) Ltd., Wharfside, Trafford Wharf Road, Manchester, Greater Manchester, M17 1GP, United Kingdom;
- (2) **HARLEY, STUART JOHN LAWRENCE** c/o Shimadzu Research Laboratory (Europe) Ltd., Wharfside, Trafford Wharf Road, Manchester, Greater Manchester, M17 1GP, United Kingdom;
- (3) **HANDFORD, JOHN** c/o Shimadzu Research Laboratory (Europe) Ltd., Wharfside, Trafford Wharf Road, Manchester, Greater Manchester, M17 1GP, United Kingdom;

each an “**Inventor**” or together the “**Inventors**” as the context may indicate;

- (4) **SHIMADZU RESEARCH LABORATORY (EUROPE) LTD.** incorporated and registered in England & Wales with company number 03342183 whose registered office is at Wharfside Trafford Wharf Road, Manchester, M17 1GP (the “**Employer**”); and
- (5) **SHIMADZU CORPORATION** incorporated and registered in Japan whose administrative office is at 1 Nishinokyo Kuwabara-cho, Nakagyo-ku, Kyoto, Japan, 604-8511, Japan (the “**Assignee**”).

Agreed terms

1. Definitions

The definitions in this clause apply in this Assignment.

“**Completion Applications**” means the completion patent applications, short particulars of which are set out in Part 2 of the Schedule.

“**Invention**” means the invention entitled A CIRCUIT FOR GENERATING A VOLTAGE WAVEFORM AT AN OUTPUT NODE, being the subject matter of the Priority Application.

“**Patent Applications**” means the Priority Application, the Completion Applications and any future applications linked by one or more priorities to the Priority Application or the Completion Applications and all matter contained in such applications and any and all:

- (a) national and regional phase applications of all such applications; and
- (b) divisions, continuations and continuations-in-part of all such applications; and
- (c) patents that may be granted pursuant to any of the aforesaid applications for their full period, including any re-issues, re-examinations, renewals, extensions and Supplementary Protection Certificates.

“**Priority Application**” means the priority patent application, short particulars of which are set out in Part 1 of the Schedule.

2. Assignment

In consideration of the sum of £1 (sufficiency and receipt of which the Inventors and the Employer expressly acknowledge), each of the Inventors and the Employer hereby assign absolutely to the Assignee all their right, title and interest in all countries, regions and territories of the world in, to and arising from the Invention and, with effect from immediately prior to the filing of each, the Patent Applications, including (but not limited to):

- (a) in respect of the Invention and any invention that shall be disclosed in, and all matter that shall be contained in, any of the Patent Applications, the right to file applications, claim priority from such applications, and prosecute and obtain grant of patent or other intellectual property protection in respect of any country, region or territory in the world;
- (b) in respect of each and any Patent Application:
 - (i) the right to claim priority from and to prosecute and obtain grant of patents; and
 - (ii) the right to file divisional applications based on the Patent Applications and to prosecute and obtain grant of patent on each and any such divisional application;
- (c) the right to extend to, or register in or in respect of any country, region or territory in the world, each and any of the Patent Applications and to extend to or register in, or in respect of, any country, region or territory in the world any patent or other intellectual property protection granted on any of such applications;
- (d) the absolute entitlement to any patents granted pursuant to any Patent Application; and
- (e) the right to bring, make, oppose or defend claims or actions, appeal proceedings and obtain relief (and to retain any damages recovered) in respect of any infringement, or any other cause of action arising from ownership, of the Inventions and the Patent Applications, whether occurring before on or after the date of this Assignment.

3. Further assurance

Each Inventor and the Employer shall, at the Assignee's cost, perform all further acts and things, and execute all further documents, required by law or which the Assignee requests to vest in the Assignee the full benefit of the right, title and interest assigned to the Assignee under this Assignment, including (but not limited to):

- (a) documents required to be signed by or on behalf of the Inventors or the Employer in the course of any applications which relate to the Invention or to any inventions that shall be disclosed in any of the Patent Applications;
- (b) registration of the Assignee as applicant for, or proprietor of, the Patent Applications; and
- (c) assisting the Assignee in obtaining, defending and enforcing any of the Patent Applications, and assisting with any other proceedings which may be brought by or against the Assignee by any third party or in the resolution of any question

concerning the Invention, or the Patent Applications or any inventions that shall be disclosed in any of the Patent Applications.

4. Right to amend the Schedule

The Inventors, the Employer and the Assignee grant the firm of Mewburn Ellis LLP the right to insert in Part 3 of the Schedule to this Assignment any further identification of any existing or future patent applications in any countries, regions or territories of the world, which shall fall within the scope of clause 2 above, or as may be necessary or desirable in order to comply with the rules of a patent office for the recordal of this Assignment.

5. Counterparts

This Assignment may be executed in any number of counterparts, each of which when executed shall constitute an original of this Assignment, but all the counterparts shall together constitute the same agreement.

6. Governing law and jurisdiction

This Assignment is governed by the laws of England and Wales and subject to the exclusive jurisdiction of its courts.

Schedule: The Patent Applications

Part 1: Priority Application

Country	Application No.	Application Date	Title
GB	1507474.3	30/04/2015	A CIRCUIT FOR GENERATING A VOLTAGE WAVEFORM AT AN OUTPUT NODE

Part 2: Completion Applications

Country/region	Application No.	Application Date	Title
WO	PCT/EP2016/056653	24/03/2016	A CIRCUIT FOR GENERATING A VOLTAGE WAVEFORM AT AN OUTPUT NODE
EP	16711677.1	24/03/2016	A CIRCUIT FOR GENERATING A VOLTAGE WAVEFORM AT AN OUTPUT NODE
CN	201680037324.X	24/03/2016	A CIRCUIT FOR GENERATING A VOLTAGE WAVEFORM AT AN OUTPUT NODE
JP	2017-556620	24/03/2016	A CIRCUIT FOR GENERATING A VOLTAGE WAVEFORM AT AN OUTPUT NODE
US	15/569,492	24/03/2016	A CIRCUIT FOR GENERATING A VOLTAGE WAVEFORM AT AN OUTPUT NODE

Part 3: Identification of some, but not necessarily all, patent applications falling within the scope of clause 2 of this Assignment

Country/region	Application No.	Application Date	Title	Signature for Mewburn Ellis LLP

Executed by STEVEN DOUGLAS TAYLOR in
the presence of:

Steven Douglas Taylor


SIGNATURE OF INVENTOR

SIGNATURE OF WITNESS

NAME: Hikaru Morimoto

ADDRESS: Wharfside, Trafford Wharf Road, Manchester, M17 1GP, UK

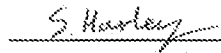
OCCUPATION: Administrator

DATE: 01 February 2018

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HARLEY in the presence of:

Stuart John Lawrence Harley


SIGNATURE OF INVENTOR

SIGNATURE OF WITNESS

NAME: Hikaru Morimoto

ADDRESS: Wharfside, Trafford Wharf Road, Manchester, M17 1GP, UK

OCCUPATION: Administrator

DATE: 01 February 2018

Executed by JOHN HANDFORD in the
presence of:

John Handford


SIGNATURE OF INVENTOR

SIGNATURE OF WITNESS

NAME: Hikaru Morimoto

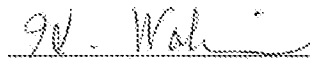
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DATE: 01 February 2018

Executed by SHIMADZU RESEARCH
LABORATORY (EUROPE) LTD. acting by
Hiroaki Waki, an authorised
representative, in the presence of:

Hiroaki Waki


SIGNATURE OF A DIRECTOR

SIGNATURE OF WITNESS

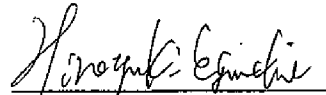
NAME: Hikaru Morimoto

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DATE: 01 February 2018

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SIGNATURE OF A DIRECTOR

佐藤 洋子
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DATE: 5 February 2018