

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT5066346

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
SERGEY SMIRNOV	06/28/2017
LI DING	06/28/2017
ALEKSANDR RUSINOV	06/28/2017
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PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16072550
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NAME OF SUBMITTER:	CHRISTOPHER KNIGHT
SIGNATURE:	/CHRISTOPHER KNIGHT/
DATE SIGNED:	07/25/2018
Total Attachments: 5	
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ASSIGNMENT OF INVENTION & PATENT RIGHTS

Parties

- (1) **SMIRNOV, SERGEY** c/o Shimadzu Research Laboratory Europe Ltd, Wharfside, Trafford Wharf Road, Manchester, Greater Manchester M17 1GP, United Kingdom;
- (2) **DING, LI** c/o Shimadzu Research Laboratory Europe Ltd, Wharfside, Trafford Wharf Road, Manchester, Greater Manchester, M17 1GP, United Kingdom;
- (3) **RUSINOV, ALEKSANDR** 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, Greater Manchester, M17 1GP United Kingdom. (the "Employer"); and
- (5) **SHIMADZU CORPORATION** incorporated and registered in Japan whose registered office is at 1, Nishinokyo-Kuwabaracho, Nakagyo-ku, Kyoto-shi, Kyoto, Japan, 604-8511, Japan (the "Assignee").

Agreed terms

1. Definitions

The definitions in this clause apply in this Assignment.

"Completion Application" means the completion patent application, short particulars of which are set out in Part 2 of the Schedule.

"Invention" means the invention entitled A METHOD OF PROCESSING AN IMAGE CHARGE/CURRENT SIGNAL, being the subject matter of the Priority Applications.

"Patent Applications" means the Priority Applications, the Completion Application and any future applications linked by one or more priorities to the Priority Applications or the Completion Application 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 Applications" means the priority patent applications, 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 assigns 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 Applications

Country	Application No.	Application Date	Title
GB	1605084.1	24/03/2016	A METHOD OF PROCESSING AN IMAGE CHARGE/CURRENT SIGNAL
WO	PCT/EP2017/053297	14/02/2017	A METHOD OF PROCESSING AN IMAGE CHARGE/CURRENT SIGNAL

Part 2: Completion Application

Country/region	Application No.	Application Date	Title
WO	PCT/EP2017/056887	22/03/2017	A METHOD OF PROCESSING AN IMAGE CHARGE/CURRENT SIGNAL

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 SERGEY SMIRNOV in the
presence of:

モリモト ヒカル

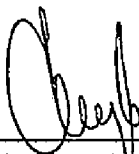
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OCCUPATION: Administrator

DATE: 28 June 2017


SIGNATURE OF INVENTOR

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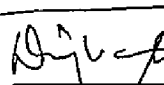
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佐藤 洋子
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DATE: 30 June 2017