

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT3816472

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
JOAO DE OLIVEIRA	02/08/2016
SCOTT DARREN WHITE	02/08/2016
CATHERINE RAMSDALE	02/08/2016
RECEIVING PARTY DATA	
Name:	PRAGMATIC PRINTING LTD
Street Address:	NATIONAL CENTRE FOR PRINTABLE ELECTRONICS
Internal Address:	THOMAS WRIGHT WAY NETPARK
City:	SEDFIELD, DURHAM
State/Country:	UNITED KINGDOM
Postal Code:	TS21 3FG
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14905737
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ATTORNEY DOCKET NUMBER:	5585-96302-01
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DATE SIGNED:	04/05/2016
Total Attachments: 2	
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ASSIGNMENT

WHEREAS, we, Joao de Oliveira, of Longstanton, United Kingdom, Scott Darren White, of Cambridge, United Kingdom, and Catherine Ramsdale, of Cambridge, United Kingdom have invented a certain invention, as described in the following patent applications:

United Kingdom Patent Application No. GB1312809.5, filed on July 17, 2013, entitled
"ELECTRONIC CIRCUITS,"

PCT Patent Application No. PCT/GB2014/052175, filed on July 16, 2014, entitled
"ELECTRONIC CIRCUITS,"

U.S. Patent Application No. 14/905,737, filed on January 15, 2016, entitled
"ELECTRONIC CIRCUITS,"

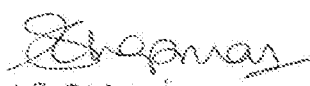
which applications are collectively referred to as "the patent applications."

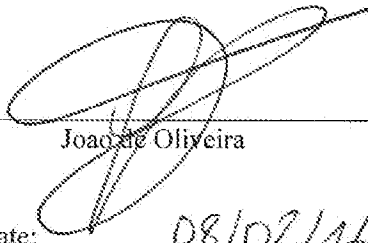
WHEREAS, Pragmatic Printing Ltd, having a place of business at National Centre for Printable Electronics, Thomas Wright Way NETPark, Sedgefield Co, Durham, TS21 3FG, United Kingdom, desires to acquire an interest therein:

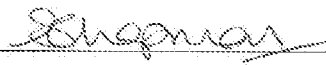
NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, we, Joao de Oliveira, Scott Darren White, and Catherine Ramsdale hereby sell, assign, and transfer to Pragmatic Printing Ltd, the full and exclusive right, title, and interest in and to said invention, the patent applications, and patent rights throughout the world, including foreign patent priority rights, the right to file and prosecute International Applications under the Patent Cooperation Treaty, and the right to file and prosecute applications under the European Patent Convention; said invention, the patent applications, and letters patent in this or any foreign country, and all corresponding non-provisional applications, divisions, continuations, continuations-in-part, reissues, and extensions thereof, to be held and enjoyed by Pragmatic Printing Ltd, for its own use and benefit, and for its successors and assigns to the full end of the term for which letters patent may be granted by the United States or any foreign country, as fully and entirely as the same would have been held by us had this assignment and sale not been made, and covenant that we have full right so to do, and agree that we will communicate to Pragmatic Printing Ltd, or its successors and assigns, any facts known to us respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, and

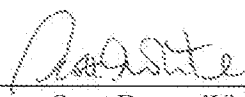
reissue applications, make all rightful oaths, and do everything possible to aid Pragmatic Printing Ltd, its successors, and assigns to obtain and enforce proper patent protection for said invention in the United States or any foreign country.


We hereby grant the law firm of Klarquist Sparkman, LLP, the power to insert on this Assignment any further information that may be necessary or desirable in order to comply with all applicable legal requirements, including the rules of the United States Patent and Trademark Office, for submitting and recording this document.

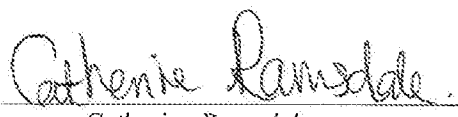
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Date: 8 FEB 16


Joao de Oliveira
Date: 08/02/16

Witness: 
Print Name: S. CHAPMAN
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Scott Darren White
Date: 8/2/16

Witness: 
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Catherine Ramsdale
Date: 08/02/16