

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4200175

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
RICHARD PRICE	02/11/2016
CATHERINE RAMSDALE	02/11/2016
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:	GREAT BRITAIN
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PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15303982
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NAME OF SUBMITTER:	THOMAS J. ENGELLENER
SIGNATURE:	/Thomas J. Engellenner/
DATE SIGNED:	12/23/2016
Total Attachments: 4	
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ASSIGNMENT BY INVENTORS

THIS ASSIGNMENT made by Richard Price and Catherine Ramsdale, (hereinafter referred to as Assignors) respectively;

WHEREAS, Assignor has invented certain new and useful improvements in **ELECTRONIC CIRCUIT AND DATA STORAGE SYSTEM** set forth in U.S. National Patent Application 15/303,982, filed October 13, 2016; and

WHEREAS, PRAGMATIC PRINTING LTD, a corporation having a place of business at National Centre for Printable Electronics, Thomas Wright Way, NETPark, Sedgefield, Durham, Great Britain TS21 3FG (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to said inventions and said Patent Application, and in and to any Letters Patent of the United States to be obtained therefore and thereon.

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, Assignor has sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions and application for Letters Patent, and in and to any and all direct and indirect divisions, continuations and continuations-in-part of said application, and any and all Letters Patent in the United States and all foreign countries which may be granted therefor and thereon, and reissues, reexaminations and extensions of said Letters Patent, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee, for its own use and benefit and the use and benefit of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent may be granted and/or extended, as fully and entirely as the same would have been held and enjoyed by Assignor, had this sale and assignment not been made.

AND for the same consideration, Assignor hereby represent and warrant to Assignee, its successors, legal representatives and assigns, that, at the time of execution and

delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignee under law or that have already been transferred to Assignee, Assignor is the sole and lawful owner of the entire right, title and interest in and to the said inventions and application for Letters Patent above-mentioned, and that the same are unencumbered and that Assignor has good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, Assignor hereby covenants and agrees to and with Assignee, its successors, legal representatives and assigns, that Assignor will sign all papers and documents, take all lawful oaths and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent and applications for Letters Patent for said inventions, without charge to Assignee, its successors, legal representatives and assigns, whenever counsel of Assignee, or counsel of its successors, legal representatives and assigns, shall advise: that any proceeding in connection with said inventions, or said patent application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions in any country, including but not limited to interference proceedings, is lawful and desirable; or, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.

AND Assignor hereby requests the Commissioner of Patent and Trademarks to issue said Letters Patent of the United States to Assignee, as Assignee of said inventions and the Letters Patent to be issued thereon, for the sole use and benefit of Assignee, its successors, legal representatives and assigns.

AND Assignor acknowledges an obligation of assignment of this invention to Assignee at the time the invention was made.

By: Richard Price

Date: 20 November, 2016

Richard Price

Witness Signature: [Signature]

Date: 2/11/16

Print Witness Name: Geordon Cameron

Address: 3 SOUTH ROAD, IMPINGTON,
CAMBRIDGE CB24 9PE

Witness Signature: [Signature]

Date: 2/11/16

Print Witness Name: Geordon Cameron

Address: 3 SOUTH ROAD, IMPINGTON,
CAMBRIDGE CB24 9PE

By: Catherine Ramsdale

Date: 2nd August 2016

Catherine Ramsdale

Witness Signature: [Signature] Date: 2/11/16
Print Witness Name: GOLDEN CAMERON
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CAMBRIDGE CB24 9PB

Witness Signature: [Signature] Date: 2/11/16
Print Witness Name: SARAH CHARMAN
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