

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT2797863

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	SILVERBROOK RESEARCH PTY. LIMITED	05/03/2012
RECEIVING PARTY DATA		
Name:	ZAMTEC LIMITED	
Street Address:	61/62 FITZWILLIAM LANE	
City:	DUBLIN 2	
State/Country:	IRELAND	
PROPERTY NUMBERS Total: 1		
	Property Type	Number
	Application Number:	13787624
CORRESPONDENCE DATA		
Fax Number:	(202)842-7899	
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>		
Phone:	858-550-6000	
Email:	zpatdcdocting@cooley.com, rlopez@cooley.com	
Correspondent Name:	COOLEY LLP	
Address Line 1:	1299 PENNSYLVANIA AVE., NW	
Address Line 2:	ATTN: PATENT GROUP	
Address Line 4:	WASHINGTON, DISTRICT OF COLUMBIA 20004	
ATTORNEY DOCKET NUMBER:	MJET-453/04US 313617	
NAME OF SUBMITTER:	KEVIN J. ZIMMER	
SIGNATURE:	/Kevin J. Zimmer/	
DATE SIGNED:	04/02/2014	
Total Attachments: 5		
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FIRST CONFIRMATORY ASSIGNMENT OF PATENT RIGHTS

WHEREAS, Silverbrook Research Pty. Limited, having a principal place of business at 393 Darling Street, Balmain NSW 2041, Australia, the Memjet Companies, and others have entered into that certain agreement dated 3 May 2012 (the "Agreement") respecting the "Memjet IP Rights" as described in said Agreement;

WHEREAS, Zamtec Limited (the "Assignee"), having a principal place of business at 8 Fitzwilliam Square, Dublin 2, Ireland, is one of the Memjet Companies;

WHEREAS, pursuant to the Agreement, Silverbrook Research Pty. Limited and its Affiliates (as defined in the Agreement) (the "Assignors") assigned to the Assignee all right, title and interest in and to the Memjet IP Rights and in and to any and all granted patents and all pending patent applications in respect of the Memjet IP Rights;

WHEREAS, pursuant to the Agreement, the Assignors assigned to Assignee all right, title, and interest in those patent applications and patents set forth in Schedule 14.6 attached to that certain assignment dated 3 May 2102 among the Assignors and the Assignee (the "Assignment");

WHEREAS, pursuant to the Agreement, the Assignors assigned to Assignee all right, title, and interest in the Memjet IP Rights, which include those patent applications and patents set forth in Exhibit A attached hereto (the "Patents");

WHEREAS, this First Confirmatory Assignment of Patent Rights ("First Confirmatory Assignment") shall not be deemed to effect assignment of any rights in those patents and patent applications set forth in Schedule 14.6 with respect to which the Assignment has been effectively recorded or otherwise registered in the applicable jurisdiction (the "Recorded Patent Rights") and shall not be effective as an instrument of assignment separate from the Assignment with respect to such Recorded Patent Rights;

WHEREAS, pursuant to this First Confirmatory Assignment, the Assignors and the Assignee desire to confirm the assignment, to the Assignee, of those patents and patent applications not included within the Recorded Patent Rights.

NOW THEREFORE, for \$1.00 and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged:

Effective 3 May 2012 (Pacific Standard Time, USA), the Assignors do hereby sell, assign, transfer and set over unto Assignee, its legal representatives, successors, and assigns, all right, title and interest in and to the Memjet IP Rights, the Patents, and all patents and patent applications related to the Memjet IP Rights and the Patents, including but not limited to any provisionals, nonprovisionals, continuations, continuations-in-part, divisionals, reissues, reexaminations, substitutes, renewals, or improvements thereof, and in and to any and all patents which may be issued for said Memjet IP Rights or Patents, including the right to sue and collect damages for past, present, and future infringement of those patents (the "Assigned IP").

The Assignors hereby request that any and all patents for said Memjet IP Rights be issued to Assignee, its successors, assigns and legal representatives, or to such nominees as they may designate to the full end of the term for which said patents may be granted.

The Assignors hereby agree that, when requested, the Assignors will in good faith, without charge to Assignee but at the Assignee's expense, sign all papers, take all rightful oaths, communicate to Assignee all known facts relating to any improvements and the history thereof, and do all acts which may be necessary, desirable or convenient for securing, maintaining and enforcing patents for said inventions in any and all countries and for vesting title thereto in Assignee, its successors, assigns, legal representatives or nominees.

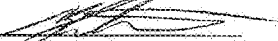
The Assignors hereby authorize and empower Assignee, its successors, assigns, legal representatives or nominees, to invoke and claim for any application for patent or other form of protection for all inventions related to the Assigned IP filed by it or them, the benefit of the right of priority, including but not limited to such right provided by the provisions of any convention or treaty, and to invoke and claim such right of priority without further written or oral authorization from the Assignors.

The Assignors hereby consent that a copy of this First Confirmatory Assignment shall be deemed a full legal and formal equivalent of any assignment, consent to file or like document which may be required in any country for any purpose and more particularly in proof of the right of the Assignee or its nominees to claim the aforesaid benefit of the right of priority, including but not limited to that provided by any convention or treaty.

The Assignors hereby covenant with Assignee, its successors, assigns and legal representatives, that the rights and property herein conveyed are free and clear of any encumbrance, that the Assignors have full right to convey the same as herein expressed free and clear of all liens, claims, and encumbrances, and that this First Confirmatory Assignment shall be binding on each of the Assignors' heirs, assigns, representatives and successors.


In the event Assignee is unable, after reasonable effort, to secure either of the Assignor's signature on any documents relating to protection or maintenance of the inventions, applications or patents to which this First Confirmatory Assignment relates, whether because of an Assignor's physical or mental incapacity or for any other reason, the Assignors hereby irrevocably designate and appoint Assignee and its duly authorized officers and agents as their agent and attorney-in-fact, to act for and on their behalf to execute and file any documents necessary to register the Assignee as proprietor of the Assigned IP and to file any application or applications and to do all other lawfully permitted acts to further the prosecution, issuance, and maintenance of the Assigned IP with the same legal force and effect as if personally executed by an Assignor.

This First Confirmatory Assignment shall be subject to, and interpreted by and in accordance with, the laws of England.

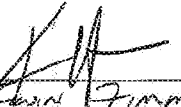
Witness Signature 
Witness Name NICHOLAS CHRISTENSEN
Date 1 February 2013

Silverbrook Research Pty. Limited

By 
Kia Silverbrook

Witness Signature 
Witness Name NICHOLAS CHRISTENSEN
Date 1 February 2013

By 
Janette Lee

Witness Signature 
Witness Name KEVIN ZIMMER
Date JANUARY 10, 2013

Zamtec Limited


By 

EXHIBIT A**PATENTS AND PATENT APPLICATIONS**

	Country	Official No.	Case Status	Title
1	USA	6067797	Granted	Thermal Actuator
2	USA	6071750	Granted	Method of Manufacture of a Paddle Type Ink Jet Printer Method of Manufacture of a Thermal Elastic Rotary Impeller
3	USA	6110754	Granted	Ink Jet Print Head A Method of Manufacture of a Radial Back-Curling
4	USA	6171875	Granted	Thermoelastic Ink Jet Printer A Method of Manufacture of a Thermally Actuated Ink Jet
5	USA	6180427	Granted	including a Tapered Heater Element Ink Jet Printer having a Thermal Actuator Comprising an
6	USA	6188415	Granted	External Coil Spring A Method of Manufacture of a Linear Spring Electromagnetic
7	USA	6190931	Granted	Grill Ink Jet Printer
8	USA	6209989	Granted	Dual Chamber Single Actuator Ink Jet Printing Mechanism
9	USA	6213588	Granted	Electrostatic Ink Jet Printing Mechanism Planar Thermoelastic Bend Actuator Ink Jet Printing
10	USA	6213589	Granted	Mechanism Method of Manufacture of a Reverse Spring Lever Ink Jet
11	USA	6214244	Granted	Printer Single Bend Actuator Cupped Paddle Ink Jet Printing
12	USA	6217153	Granted	Mechanism
13	USA	6217165	Granted	Ink and Media Cartridge with Axial Ink Chambers
14	USA	6220694	Granted	Pulsed Magnetic Field Ink Jet Printing Mechanism Method of Manufacture of a Radiant Plunger Electromagnetic
15	USA	6224780	Granted	Ink Jet Printer Method of Manufacture of a Pulsed Magnetic Field Ink Jet
16	USA	6225138	Granted	Printer
17	USA	6227652	Granted	Radiant Plunger Ink Jet Printer
18	USA	6227653	Granted	Bend Actuator Direct Ink Supply Ink Jet Printing Mechanism
19	USA	6227654	Granted	Ink Jet Printing Mechanism Method of Manufacture of a Thermally Actuated Ink Jet
20	USA	6228668	Granted	Printer having a Series of Thermal Actuator Units
21	USA	6231163	Granted	Stacked Electrostatic Ink Jet Printing Mechanism
22	USA	6231772	Granted	Method of Manufacture of an Iris Motion Ink Jet Printer A Method of Manufacture of a Tapered Magnetic Pole
23	USA	6231773	Granted	Electromagnetic Ink Jet Printer High Young's Modulus Thermoelastic Ink Jet Printing
24	USA	6234609	Granted	Mechanism
25	USA	6234610	Granted	Gear Driven Shutter Ink Jet Printing Mechanism
26	USA	6234611	Granted	Curling Calyx Thermoelastic Ink Jet Printing Mechanism
27	USA	6235211	Granted	Method of Manufacture of an Image Creation Apparatus
28	USA	6235212	Granted	Method of Manufacture of an Electrostatic Ink Jet Printer Thermally Actuated Slotted Chamber Wall Ink Jet Printing
29	USA	6238040	Granted	Mechanism

Exhibit A, Page 1

	Country	Official No.	Case Status	Title
2951	USA	12832909	Pending	PRINthead INTEGRATED CIRCUIT WITH THERMALLY SENSING HEATER ELEMENTS
2952	USA	12976394	Pending	PRINthead INTEGRATED CIRCUIT HAVING EXPOSED ACTIVE BEAM COATED WITH POLYMER LAYER
2953	USA	12497693	Pending	PRINthead MODULE FOR WIDE FORMAT PAGEWIDTH INKJET PRINTER
2954	USA	12509490	Pending	METHOD OF FABRICATING INKJET PRINthead ASSEMBLY HAVING BACKSIDE ELECTRICAL CONNECTIONS
2955	USA	12510912	Pending	Key Generation In An Integrated Circuit
2956	USA	12557461	Pending	Printhead Assembly Incorporating Printhead Module
2957	USA	12558550	Pending	Retention Channel
2958	USA	12568640	Pending	MODULAR PRINthead ASSEMBLY
2959	USA	12646737	Pending	Device With A Printhead And Media Drive Shaft
2960	USA	12687865	Pending	FEED MECHANISM FOR WIDE FORMAT PRINTER
2961	USA	12699018	Pending	Modular Inkjet Printhead With Mating Formations
2962	USA	12720590	Pending	Inkjet Printhead With Pressure Pulse Priming
2963	USA	12720655	Pending	PRINT CARTRIDGE CRADLE UNIT INCORPORATING MAINTENANCE ASSEMBLY
2964	USA	12749252	Pending	MODULAR PRINthead WITH A PLURALITY OF PRINthead MODULES
2965	USA	12749307	Pending	RESERVOIR ASSEMBLY FOR SUPPLYING FLUID TO PRINthead
2966	USA	12750564	Pending	INKJET PRINTERWITH ACTIVE CONTROL OF INK PRESSURE
2967	USA	12751625	Pending	PRINTER HAVING GUIDED PRINT ZONE
2968	USA	12756999	Pending	NON-CONTACT METHOD OF REMOVING FLOODED INK FROM PRINthead FACE
2969	USA	12765839	Pending	PRINTER WITH PRESSURE REGULATED INK SUPPLY
2970	USA	12773655	Pending	INKJET PRINTER WITH BUBBLEPOINT PRESSURE REGULATOR
2971	USA	12773695	Pending	AND RECIRCULATING INK SUPPLY
2972	USA	12773710	Pending	CARTRIDGE FOR PRINTER HAVING FLUID FLOW ARRANGEMENT
2973	USA	12778082	Pending	INK SUPPLY FOR PRINthead INK CHAMBERS
2974	USA	12778966	Pending	PRINTER WITH RESOLUTION REDUCTION BY NOZZLE DATA SHARING
2975	USA	12781596	Pending	PRINTING SYSTEM HAVING MEDIA GUIDING DRYER
2976	USA	12783539	Pending	INTEGRATED CIRCUIT FOR VALIDATING AND DECRYPTING SOFTWARE DATA
2977	USA	12785477	Pending	METHOD OF THREE DIMENSIONALLY LOCATING PRINthead ON PRINTER
2978	USA	12786346	Pending	PRINthead ASSEMBLY WITH MULTIPLE PRINthead MODULES AND PRINTED CIRCUIT BOARDS IN SINGLE CASING
2979	USA	12794777	Pending	PRINthead CARTRIDGE WITH COLLAPSIBLE INK BAGS
2980	USA	12796617	Pending	CARTRIDGE UNIT FOR PRINTER
2981	USA	12813439	Pending	Method for Hydrophilizing Surfaces of a Print head Assembly
2982	USA	12817145	Pending	INKJET PRINTER WITH RELEASABLE PRINT CARTRIDGE
2983	USA	12817169	Pending	INK USAGE TRACKING IN A PRINT CARTRIDGE
				PRINTING SYSTEM FOR VALIDATING PRINTING CONSUMABLE
				THERMAL INKJET PRINthead INTERGRATED CIRCUIT WITH

Exhibit A, Page 96