

## PATENT ASSIGNMENT

Electronic Version v1.1  
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| SUBMISSION TYPE:                                          | NEW ASSIGNMENT       |
|-----------------------------------------------------------|----------------------|
| NATURE OF CONVEYANCE:                                     | ASSIGNMENT           |
| CONVEYING PARTY DATA                                      |                      |
| Name                                                      | Execution Date       |
| Silverbrook Research Pty. Limited and Clamate Pty Limited | 05/03/2012           |
| RECEIVING PARTY DATA                                      |                      |
| Name:                                                     | Zamtec Limited       |
| Street Address:                                           | 8 Fitzwilliam Square |
| City:                                                     | Dublin 2             |
| State/Country:                                            | IRELAND              |
| PROPERTY NUMBERS Total: 20                                |                      |
| Property Type                                             | Number               |
| Patent Number:                                            | 7187468              |
| Patent Number:                                            | 7187469              |
| Patent Number:                                            | 7187470              |
| Patent Number:                                            | 7188419              |
| Patent Number:                                            | 7188928              |
| Patent Number:                                            | 7188933              |
| Patent Number:                                            | 7188935              |
| Patent Number:                                            | 7188938              |
| Patent Number:                                            | 7189334              |
| Patent Number:                                            | 7191978              |
| Patent Number:                                            | 7192106              |
| Patent Number:                                            | 7192119              |
| Patent Number:                                            | 7192120              |
| Patent Number:                                            | 7192125              |
| Patent Number:                                            | 7193743              |
| Patent Number:                                            | 7195328              |

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| Patent Number: | 7195329 |
| Patent Number: | 7195336 |
| Patent Number: | 7195338 |
| Patent Number: | 7195339 |

# CORRESPONDENCE DATA

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|-------------------------|------------------|
| ATTORNEY DOCKET NUMBER: | MJET 313617-2001 |
|-------------------------|------------------|

|                    |                 |
|--------------------|-----------------|
| NAME OF SUBMITTER: | KEVIN J. ZIMMER |
|--------------------|-----------------|

Total Attachments: 5  
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COMPLETE COPY – 3 May 2012

Exhibit 9.1

Patent Assignment

ASSIGNMENT

WHEREAS, Silverbrook Research Pty. Limited and Clamate Pty Ltd (the "Assignors"), the Memjet Companies, and others have entered into that certain agreement dated 3 May 2012 among Assignors, the Memjet Companies, and others (the "Agreement") respecting the "Memjet IP Rights" as described in said Agreement;

WHEREAS, Zamtec Limited (the "Assignee") is one of the Memjet Companies;

WHEREAS, pursuant to 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 Letters of Patent of the United States and all foreign countries which have been or may be obtained respecting 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 Exhibit A attached hereto (the "Patents").

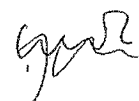
NOW THEREFORE, for \$1.00 and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged:

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 of the United States and foreign countries 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



**PATENT**

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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 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.

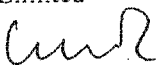
The Assignors hereby covenant with Assignee, its successors, assigns and legal representatives, that the rights and property herein conveyed are free and clear of any encumbrance, that the Assignors have full right to convey the same as herein expressed free and clear of all liens, claims, and encumbrances,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

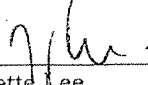
In cases where such information is missing, the Assignors grant Assignee and its agents or representatives the right to modify this document to indicate the filing date and serial number assigned to the U.S. Provisional and/or Nonprovisional Patent Application(s) this Assignment relates to.

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

Silverbrook Research Pty. Limited  
and Clamate Pty Limited

By   
Kia Silverbrook

By   
Janette Lee

Zamtec Limited

By \_\_\_\_\_

COMPLETE COPY - 3 May 2012

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 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 Assignment shall be binding on each of the Assignors' heirs, assigns, representatives and successors.

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

Silverbrook Research Pty. Limited  
and Clamate Pty Limited

By \_\_\_\_\_  
Kia Silverbrook

By \_\_\_\_\_  
Janette Lee

Zamtec Limited

By \_\_\_\_\_  
ANTHONY DUDDY

## Exhibit A

### Patents and Patent Applications Included in Memjet IP Rights

| Official # | Country                  | Title                                                                                      | Status  | Priority date     | Sealing date     |
|------------|--------------------------|--------------------------------------------------------------------------------------------|---------|-------------------|------------------|
| 6067797    | United States of America | Thermal Actuator                                                                           | Granted | 15 July 1997      | 30 May 2000      |
| 6071750    | United States of America | Method of Manufacture of a Paddle Type Ink Jet Printer                                     | Granted | 15 July 1997      | 6 June 2000      |
| 6110754    | United States of America | Method of Manufacture of a Thermal Elastic Rotary Impeller Ink Jet Print Head              | Granted | 15 July 1997      | 29 August 2000   |
| 6171875    | United States of America | A Method of Manufacture of a Radial Back-Curling Thermoelastic Ink Jet Printer             | Granted | 15 July 1997      | 9 January 2001   |
| 6180427    | United States of America | A Method of Manufacture of a Thermally Actuated Ink Jet Including a Tapered Heater Element | Granted | 15 July 1997      | 30 January 2001  |
| 6188415    | United States of America | Ink Jet Printer Having a Thermal Actuator Comprising an External Coil Spring               | Granted | 15 July 1997      | 13 February 2001 |
| 6190931    | United States of America | A Method of Manufacture of a Linear Spring Electromagnetic Grill Ink Jet Printer           | Granted | 15 July 1997      | 20 February 2001 |
| 6209989    | United States of America | Dual Chamber Single Actuator Ink Jet Printing Mechanism                                    | Granted | 15 July 1997      | 3 April 2001     |
| 6213588    | United States of America | Electrostatic Ink Jet Printing Mechanism                                                   | Granted | 15 July 1997      | 10 April 2001    |
| 6213589    | United States of America | Planar Thermoelastic Bend Actuator Ink Jet Printing Mechanism                              | Granted | 15 July 1997      | 10 April 2001    |
| 6214244    | United States of America | Method of Manufacture of a Reverse Spring Lever Ink Jet Printer                            | Granted | 15 July 1997      | 10 April 2001    |
| 6217153    | United States of America | Single Bend Actuator Cupped Paddle Ink Jet Printing Mechanism                              | Granted | 15 July 1997      | 17 April 2001    |
| 6217165    | United States of America | Ink and Media Cartridge with Axial Ink Chambers                                            | Granted | 15 July 1997      | 17 April 2001    |
| 6220694    | United States of America | Pulsed Magnetic Field Ink Jet Printing Mechanism                                           | Granted | 15 July 1997      | 24 April 2001    |
| 6224780    | United States of America | Method of Manufacture of a Radiant Plunger Electromagnetic Ink Jet Printer                 | Granted | 23 September 1997 | 1 May 2001       |
| 6225138    | United States of America | Method of Manufacture of a Pulsed Magnetic Field Ink Jet Printer                           | Granted | 15 July 1997      | 1 May 2001       |
| 6227652    | United States of America | Radiant Plunger Ink Jet Printer                                                            | Granted | 15 July 1997      | 8 May 2001       |

| Official # | Country                  | Title                                                                                                                                               | Status  | Priority date    | Sealing date  |
|------------|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|---------|------------------|---------------|
| 7187468    | United States of America | Method for Ensuring Consistent Dot Size in an Inkjet Printhead                                                                                      | Granted | 9 November 1998  | 6 March 2007  |
| 7187469    | United States of America | Pagewidth Inkjet Printer with High Data Rate Printer Architecture                                                                                   | Granted | 9 November 1998  | 6 March 2007  |
| 7187470    | United States of America | Print Engine Mechanism                                                                                                                              | Granted | 16 December 1998 | 6 March 2007  |
| 7188419    | United States of America | Method of Producing Nozzle Plate Formed In-Situ On Printhead Substrate                                                                              | Granted | 23 November 2002 | 13 March 2007 |
| 7188928    | United States of America | Printer Comprising Two Uneven Printhead Modules and At Least Two Printer Controllers One of Which Sends Print Data to Both of the Printhead Modules | Granted | 9 June 1998      | 13 March 2007 |
| 7188933    | United States of America | Printhead Chip That Incorporates Nozzle Chamber Reduction Mechanisms                                                                                | Granted | 8 June 1998      | 13 March 2007 |
| 7188935    | United States of America | Printhead Wafer with Individual Ink Feed to Each Nozzle                                                                                             | Granted | 16 October 1998  | 13 March 2007 |
| 7188938    | United States of America | Ink Jet Printhead Assembly Incorporating a Data and Power Connection Assembly                                                                       | Granted | 16 October 1998  | 13 March 2007 |
| 7189334    | United States of America | Printhead Fabrication Method                                                                                                                        | Granted | 16 October 1998  | 13 March 2007 |
| 7191978    | United States of America | Media Web Cartridge for a Printing System                                                                                                           | Granted | 15 July 1997     | 20 March 2007 |
| 7192106    | United States of America | Print Engine/Controller for Driving an Inkjet Printhead                                                                                             | Granted | 24 May 2000      | 20 March 2007 |
| 7192119    | United States of America | Printhead Nozzle Arrangement with Micro-Electromechanical Shape Memory Alloy Based Actuators                                                        | Granted | 15 July 1997     | 20 March 2007 |
| 7192120    | United States of America | Ink Printhead Nozzle Arrangement with Thermal Bend Actuator                                                                                         | Granted | 8 June 1998      | 20 March 2007 |
| 7192125    | United States of America | Ink Jet Printer That Incorporates an Ink Distribution Assembly                                                                                      | Granted | 16 December 1998 | 20 March 2007 |
| 7193743    | United States of America | Printer Driver Software Product with Edge Runlength Encoder                                                                                         | Granted | 9 November 1998  | 20 March 2007 |
| 7195328    | United States of America | Symmetric Nozzle Arrangement                                                                                                                        | Granted | 9 June 1998      | 27 March 2007 |
| 7195329    | United States of America | Feedback Arrangement for a Printer Having a Micro-Electromechanical Printhead                                                                       | Granted | 9 November 1998  | 27 March 2007 |
| 7195336    | United States of America | High Volume Printing Assembly                                                                                                                       | Granted | 8 August 2003    | 27 March 2007 |
| 7195338    | United States of America | Inkjet Printhead Heater with High Surface Area                                                                                                      | Granted | 23 November 2002 | 27 March 2007 |
| 7195339    | United States of America | Ink Jet Nozzle Assembly with a Thermal Bend Actuator                                                                                                | Granted | 15 July 1997     | 27 March 2007 |