

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Gregory John McAvoy	09/07/2010
Emma Rose Kerr	09/07/2010
Ronan Padraig Sean O'Reilly	09/07/2010
Vincent Patrick Lawlor	09/07/2010
Misty Bagnat	09/07/2010

RECEIVING PARTY DATA

Name:	SILVERBROOK RESEARCH PTY LTD
Street Address:	393 Darling Street
City:	Balmain
State/Country:	AUSTRALIA
Postal Code:	2041

PROPERTY NUMBERS Total: 10

Property Type	Number
Application Number:	12895856
Application Number:	12895857
Application Number:	12895858
Application Number:	12895859
Application Number:	12895860
Application Number:	12895861
Application Number:	12895862
Application Number:	12895863
Application Number:	12895864
Application Number:	12895865

CORRESPONDENCE DATA

CH \$400.00 12895856

Fax Number: (999)999-9999
Correspondence will be sent via US Mail when the fax attempt is unsuccessful.
Phone: +61 2 98186633
Email: pair@silverbrookresearch.com
Correspondent Name: Kia Silverbrook
Address Line 1: 393 Darling Street
Address Line 4: Balmain, AUSTRALIA 2041

ATTORNEY DOCKET NUMBER:	MMJ011US-MMJ020US
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NAME OF SUBMITTER:	Tegan O'Neill
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Total Attachments: 50

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ASSIGNMENT OF APPLICATION

Docket Number (Optional)
MMJ011US

Whereas, I, Gregory John McAvoy of 8 Fitzwilliam Square East, Dublin 2, hereafter referred to as applicant, have invented certain new and useful improvements in INKJET NOZZLE ASSEMBLY WITH DROP DIRECTIONALITY CONTROL VIA INDEPENDENTLY ACTUABLE ROOF PADDLES

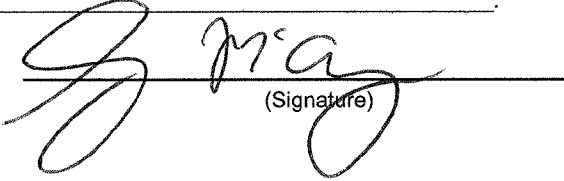
for which an application for a United States Patent was filed on _____, Application Number _____.

for which an application for a United States Patent was executed on September 7, 2010, and

Whereas, Silverbrook Research Pty Ltd of Balmain, New South Wales, Australia herein referred to "assignee" whose post office address is 393 Darling Street, Balmain, New South Wales, 2041 is desirous of acquiring the entire right, title and interest in the same;

Now, therefore, in consideration of the sum of one dollars (\$ 1.00), the receipt whereof is acknowledged, and other good and valuable consideration, I, the applicant, by these presents do sell, assign and transfer unto said assignee the full and exclusive right to the said invention in the United States and the entire right, title and interest in and to any and all Patents which may be granted therefor in the United States, I hereby authorize and request the Commissioner of Patents and Trademarks to issue said United States Patent to said assignee, of the entire right, title, and interest in and to the same, for his sole use and behoof; and for the use and behoof of his legal representatives, to the full end of the term for which said Patent may be granted, as fully and entirely as the same would have been held by me had this assignment and sale not been made.

Executed this 07 day of Sept, 20 10,
at 8 Fitzwilliam Square East, Dublin 2


(Signature)

State of _____) SS:
County of _____)
Before me personally appeared said _____
and acknowledged the foregoing instrument to be his free act and deed this _____
day of _____, 20____.

Seal

(Notary Public)

Burden Hour Statement: This form is estimated to take 0.1 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner of Patents and Trademarks, Washington, DC 20231.

ASSIGNMENT OF APPLICATION

Docket Number (Optional)
MMJ011US

Whereas, I, Emma Rose Kerr of 8 Fitzwilliam Square East, Dublin 2, hereafter referred to as applicant, have invented certain new and useful improvements in INKJET NOZZLE ASSEMBLY WITH DROP DIRECTIONALITY CONTROL VIA INDEPENDENTLY ACTUABLE ROOF PADDLES

for which an application for a United States Patent was filed on _____, Application Number _____.

for which an application for a United States Patent was executed on Sept. 7, 2010, and

Whereas, Silverbrook Research Pty Ltd of Balmain, New South Wales, Australia herein referred to "assignee" whose post office address is 393 Darling Street, Balmain, New South Wales, 2041 is desirous of acquiring the entire right, title and interest in the same;

Now, therefore, in consideration of the sum of one dollars (\$ 1.00), the receipt whereof is acknowledged, and other good and valuable consideration, I, the applicant, by these presents do sell, assign and transfer unto said assignee the full and exclusive right to the said invention in the United States and the entire right, title and interest in and to any and all Patents which may be granted therefor in the United States, I hereby authorize and request the Commissioner of Patents and Trademarks to issue said United States Patent to said assignee, of the entire right, title, and interest in and to the same, for his sole use and behoof; and for the use and behoof of his legal representatives, to the full end of the term for which said Patent may be granted, as fully and entirely as the same would have been held by me had this assignment and sale not been made.

Executed this 07 day of 09, 2010

at 8 Fitzwilliam Square East, Dublin 2

Emma Kerr
(Signature)

State of _____) SS:
County of _____)

Before me personally appeared said _____ and acknowledged the foregoing instrument to be his free act and deed this _____ day of _____, 20____.

Seal

(Notary Public)

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ASSIGNMENT OF APPLICATION

Docket Number (Optional)

MMJ011US

Whereas, I, Rónán Pádraig Seán O'Reilly of 8 Fitzwilliam Square East, Dublin 2, hereafter referred to as applicant, have invented certain new and useful improvements in _____
 INKJET NOZZLE ASSEMBLY WITH DROP DIRECTIONALITY CONTROL VIA INDEPENDENTLY ACTUABLE ROOF PADDLES

for which an application for a United States Patent was filed on _____,
 Application Number _____.

for which an application for a United States Patent was executed on Sept 7, 2010, and

Whereas, Silverbrook Research Pty Ltd of Balmain, New South Wales, Australia herein referred to "assignee" whose post office address is 393 Darling Street, Balmain, New South Wales, 2041 is desirous of acquiring the entire right, title and interest in the same;

Now, therefore, in consideration of the sum of one dollars (\$ 1.00), the receipt whereof is acknowledged, and other good and valuable consideration, I, the applicant, by these presents do sell, assign and transfer unto said assignee the full and exclusive right to the said invention in the United States and the entire right, title and interest in and to any and all Patents which may be granted therefor in the United States. I hereby authorize and request the Commissioner of Patents and Trademarks to issue said United States Patent to said assignee, of the entire right, title, and interest in and to the same, for his sole use and behoof; and for the use and behoof of his legal representatives, to the full end of the term for which said Patent may be granted, as fully and entirely as the same would have been held by me had this assignment and sale not been made.

Executed this 07 day of 09, 2010,

at 8 Fitzwilliam Square East, Dublin 2.

State of _____) SS:
 County of _____)

Before me personally appeared said _____
 and acknowledged the foregoing instrument to be his free act and deed this _____
 day of _____, 20_____.

Kieran 15 O'Reilly
 (Signature)

Seal

(Notary Public)

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ASSIGNMENT OF APPLICATION

Docket Number (Optional)
MMJ011US

Whereas, I, Vincent Patrick Lawlor of 8 Fitzwilliam Square East, Dublin 2, hereafter referred to as applicant, have invented certain new and useful improvements in INKJET NOZZLE ASSEMBLY WITH DROP DIRECTIONALITY CONTROL VIA INDEPENDENTLY ACTUABLE ROOF PADDLES

for which an application for a United States Patent was filed on _____, Application Number _____.

for which an application for a United States Patent was executed on Sept. 7, 2010, and

Whereas, Silverbrook Research Pty Ltd of Balmain, New South Wales, Australia herein referred to "assignee" whose post office address is 393 Darling Street, Balmain, New South Wales, 2041 is desirous of acquiring the entire right, title and interest in the same;

Now, therefore, in consideration of the sum of one dollars (\$ 1.00), the receipt whereof is acknowledged, and other good and valuable consideration, I, the applicant, by these presents do sell, assign and transfer unto said assignee the full and exclusive right to the said invention in the United States and the entire right, title and interest in and to any and all Patents which may be granted therefor in the United States, I hereby authorize and request the Commissioner of Patents and Trademarks to issue said United States Patent to said assignee, of the entire right, title, and interest in and to the same, for his sole use and behoof; and for the use and behoof of his legal representatives, to the full end of the term for which said Patent may be granted, as fully and entirely as the same would have been held by me had this assignment and sale not been made.

Executed this 07 day of 09, 20 10,
at 8 Fitzwilliam Square East, Dublin 2

Vincent Lawlor

(Signature)

State of _____) SS:
County of _____)

Before me personally appeared said _____
and acknowledged the foregoing instrument to be his free act and deed this _____
day of _____, 20_____.

Seal

(Notary Public)

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ASSIGNMENT OF APPLICATION

Docket Number (Optional)

MMJ011US

Whereas, I, Misty Bagnat of 8 Fitzwilliam Square East, Dublin 2, hereafter referred to as applicant, have invented certain new and useful improvements in INKJET NOZZLE ASSEMBLY WITH DROP DIRECTIONALITY CONTROL VIA INDEPENDENTLY ACTUABLE ROOF PADDLES

for which an application for a United States Patent was filed on _____, Application Number _____.

for which an application for a United States Patent was executed on Sept. 7, 2010, and

Whereas, Silverbrook Research Pty Ltd of Balmain, New South Wales, Australia herein referred to "assignee" whose post office address is 393 Darling Street, Balmain, New South Wales, 2041 is desirous of acquiring the entire right, title and interest in the same;

Now, therefore, in consideration of the sum of one dollars (\$ 1.00), the receipt whereof is acknowledged, and other good and valuable consideration, I, the applicant, by these presents do sell, assign and transfer unto said assignee the full and exclusive right to the said invention in the United States and the entire right, title and interest in and to any and all Patents which may be granted therefor in the United States, I hereby authorize and request the Commissioner of Patents and Trademarks to issue said United States Patent to said assignee, of the entire right, title, and interest in and to the same, for his sole use and behoof; and for the use and behoof of his legal representatives, to the full end of the term for which said Patent may be granted, as fully and entirely as the same would have been held by me had this assignment and sale not been made.

Executed this 07 day of 09, 20 10,

at 8 Fitzwilliam Square East, Dublin 2

MKBagnat

(Signature)

State of _____) SS:
County of _____)

Before me personally appeared said _____ and acknowledged the foregoing instrument to be his free act and deed this _____ day of _____, 20____.

Seal

(Notary Public)

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ASSIGNMENT OF APPLICATION

Docket Number (Optional)
MMJ012US

Whereas, I, Gregory John McAvoy of 8 Fitzwilliam Square East, Dublin 2, hereafter referred to as applicant, have invented certain new and useful improvements in PAGEWIDTH INKJET PRINTHEAD WITH DROP DIRECTIONALITY CONTROL

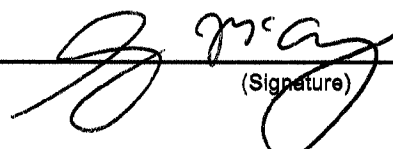
for which an application for a United States Patent was filed on _____, Application Number _____.

for which an application for a United States Patent was executed on Sept. 7, 2010, and

Whereas, Silverbrook Research Pty Ltd of Balmaln, New South Wales, Australia herein referred to "assignee" whose post office address is 393 Darling Street, Balmaln, New South Wales, 2041 is desirous of acquiring the entire right, title and interest in the same;

Now, therefore, in consideration of the sum of one dollars (\$ 1.00), the receipt whereof is acknowledged, and other good and valuable consideration, I, the applicant, by these presents do sell, assign and transfer unto said assignee the full and exclusive right to the said invention in the United States and the entire right, title and interest in and to any and all Patents which may be granted therefor in the United States, I hereby authorize and request the Commissioner of Patents and Trademarks to issue said United States Patent to said assignee, of the entire right, title, and interest in and to the same, for his sole use and behoof; and for the use and behoof of his legal representatives, to the full end of the term for which said Patent may be granted, as fully and entirely as the same would have been held by me had this assignment and sale not been made.

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(Signature)

State of _____) SS:
County of _____)

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ASSIGNMENT OF APPLICATION

Docket Number (Optional)

MMJ012US

Whereas, I, Emma Rose Kerr of 8 Fitzwilliam Square East, Dublin 2, hereafter referred to as applicant, have invented certain new and useful improvements in PAGEWIDTH INKJET PRINTHEAD WITH DROP DIRECTIONALITY CONTROL

for which an application for a United States Patent was filed on _____, Application Number _____.

for which an application for a United States Patent was executed on Sept. 7, 2010, and

Whereas, Silverbrook Research Pty Ltd of Balmain, New South Wales, Australia herein referred to "assignee" whose post office address is 393 Darling Street, Balmain, New South Wales, 2041 is desirous of acquiring the entire right, title and interest in the same;

Now, therefore, in consideration of the sum of one dollars (\$ 1.00), the receipt whereof is acknowledged, and other good and valuable consideration, I, the applicant, by these presents do sell, assign and transfer unto said assignee the full and exclusive right to the said invention in the United States and the entire right, title and interest in and to any and all Patents which may be granted therefor in the United States, I hereby authorize and request the Commissioner of Patents and Trademarks to issue said United States Patent to said assignee, of the entire right, title, and interest in and to the same, for his sole use and behoof; and for the use and behoof of his legal representatives, to the full end of the term for which said Patent may be granted, as fully and entirely as the same would have been held by me had this assignment and sale not been made.

Executed this 07 day of 09, 20 10,
at 8 Fitzwilliam Square East, Dublin 2

Emma Kerr
(Signature)

State of _____) SS:
County of _____)

Before me personally appeared said _____
and acknowledged the foregoing instrument to be his free act and deed this _____
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Seal

(Notary Public)

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ASSIGNMENT OF APPLICATION

Docket Number (Optional)
MMJ012US

Whereas, I, Rónán Pádraig Seán O'Reilly of 8 Fitzwilliam Square East, Dublin 2, hereafter referred to as applicant, have invented certain new and useful improvements in PAGEWIDTH INKJET PRINTHEAD WITH DROP DIRECTIONALITY CONTROL

for which an application for a United States Patent was filed on _____, Application Number _____.

for which an application for a United States Patent was executed on Sept. 7, 2010, and

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Executed this 07 day of 09, 2010
at 8 Fitzwilliam Square East, Dublin 2

Kevin J. M... (Signature)
(Signature)

State of _____) SS:
County of _____)

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Seal

(Notary Public)

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ASSIGNMENT OF APPLICATION

Docket Number (Optional)

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Whereas, I, Vincent Patrick Lawlor of 8 Fitzwilliam Square East, Dublin 2, hereafter referred to as applicant, have invented certain new and useful improvements in PAGEWIDTH INKJET PRINTHEAD WITH DROP DIRECTIONALITY CONTROL

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at 8 Fitzwilliam Square East, Dublin 2

Vincent Lawlor

(Signature)

State of _____) SS:
County of _____)

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ASSIGNMENT OF APPLICATION

Docket Number (Optional)

MMJ012US

Whereas, I, Misty Bagnat of 8 Fitzwilliam Square East, Dublin 2, hereafter referred to as applicant, have invented certain new and useful improvements in PAGEWIDTH INKJET PRINTHEAD WITH DROP DIRECTIONALITY CONTROL

for which an application for a United States Patent was filed on _____, Application Number _____.

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ASSIGNMENT OF APPLICATION

Docket Number (Optional)
MMJ013US

Whereas, I, Gregory John McAvoy of 8 Fitzwilliam Square East, Dublin 2, hereafter referred to as applicant, have invented certain new and useful improvements in PAGEWIDTH INKJET PRINTHEAD CONFIGURED SUCH THAT PRINTED DOT DENSITY EXCEEDS NOZZLE DENSITY

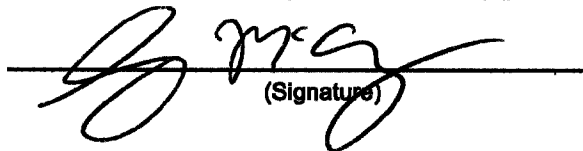
- for which an application for a United States Patent was filed on _____, Application Number _____.
- for which an application for a United States Patent was executed on Sept 7, 2010, and

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(Signature)

Seal

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ASSIGNMENT OF APPLICATION

Docket Number (Optional)
MMJ013US

Whereas, I, Emma Rose Kerr of 8 Fitzwilliam Square East, Dublin 2, hereafter referred to as applicant, have invented certain new and useful Improvements in PAGEWIDTH INKJET PRINTHEAD CONFIGURED SUCH THAT PRINTED DOT DENSITY EXCEEDS NOZZLE DENSITY

- for which an application for a United States Patent was filed on _____, Application Number _____.
- for which an application for a United States Patent was executed on Sept 7, 2010, and

Whereas, Silverbrook Research Pty Ltd of Balmain, New South Wales, Australia herein referred to "assignee" whose post office address is 393 Darling Street, Balmain, New South Wales, 2041 is desirous of acquiring the entire right, title and interest in the same;

Now, therefore, in consideration of the sum of one dollars (\$ 1.00), the receipt whereof is acknowledged, and other good and valuable consideration, I, the applicant, by these presents do sell, assign and transfer unto said assignee the full and exclusive right to the said invention in the United States and the entire right, title and interest in and to any and all Patents which may be granted therefor in the United States, I hereby authorize and request the Commissioner of Patents and Trademarks to issue said United States Patent to said assignee, of the entire right, title, and interest in and to the same, for his sole use and behoof; and for the use and behoof of his legal representatives, to the full end of the term for which said Patent may be granted, as fully and entirely as the same would have been held by me had this assignment and sale not been made.

Executed this 07 day of 09, 20 10,
at 8 Fitzwilliam Square East, Dublin 2

Emma Kerr

(Signature)

State of _____) SS:
County of _____)
Before me personally appeared said _____
and acknowledged the foregoing instrument to be his free act and deed this _____
day of _____, 20____.

Seal

(Notary Public)

Burden Hour Statement: This form is estimated to take 0.1 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner of Patents and Trademarks, Washington, DC 20231.

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ASSIGNMENT OF APPLICATION

Docket Number (Optional)

MMJ013US

Whereas, I, Rónán Pádraig Seán O'Reilly of 8 Fitzwilliam Square East, Dublin 2, hereafter referred to as applicant, have invented certain new and useful improvements in PAGEWIDTH INKJET PRINTHEAD CONFIGURED SUCH THAT PRINTED DOT DENSITY EXCEEDS NOZZLE DENSITY

for which an application for a United States Patent was filed on _____, Application Number _____.

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Now, therefore, in consideration of the sum of one dollars (\$ 1.00), the receipt whereof is acknowledged, and other good and valuable consideration, I, the applicant, by these presents do sell, assign and transfer unto said assignee the full and exclusive right to the said invention in the United States and the entire right, title and interest in and to any and all Patents which may be granted therefor in the United States, I hereby authorize and request the Commissioner of Patents and Trademarks to issue said United States Patent to said assignee, of the entire right, title, and interest in and to the same, for his sole use and behoof; and for the use and behoof of his legal representatives, to the full end of the term for which said Patent may be granted, as fully and entirely as the same would have been held by me had this assignment and sale not been made.

Executed this 07 day of 09, 20 10,

at 8 Fitzwilliam Square East, Dublin 2

Rónán O'Reilly
(Signature)

State of _____) SS:
County of _____)

Before me personally appeared said _____ and acknowledged the foregoing instrument to be his free act and deed this _____ day of _____, 20____.

Seal

(Notary Public)

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ASSIGNMENT OF APPLICATION

Docket Number (Optional)
MMJ013US

Whereas, I, Vincent Patrick Lawlor of 8 Fitzwilliam Square East, Dublin 2, hereafter referred to as applicant, have invented certain new and useful improvements in PAGEWIDTH INKJET PRINTHEAD CONFIGURED SUCH THAT PRINTED DOT DENSITY EXCEEDS NOZZLE DENSITY

for which an application for a United States Patent was filed on _____, Application Number _____.

for which an application for a United States Patent was executed on Sept 7, 2010, and

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Now, therefore, in consideration of the sum of one dollars (\$ 1.00), the receipt whereof is acknowledged, and other good and valuable consideration, I, the applicant, by these presents do sell, assign and transfer unto said assignee the full and exclusive right to the said invention in the United States and the entire right, title and interest in and to any and all Patents which may be granted therefor in the United States, I hereby authorize and request the Commissioner of Patents and Trademarks to issue said United States Patent to said assignee, of the entire right, title, and interest in and to the same, for his sole use and behoof; and for the use and behoof of his legal representatives, to the full end of the term for which said Patent may be granted, as fully and entirely as the same would have been held by me had this assignment and sale not been made.

Executed this 07 day of 09, 20 10,
at 8 Fitzwilliam Square East, Dublin 2

Vincent Lawlor
(Signature)

State of _____) SS:
County of _____)

Before me personally appeared said _____
and acknowledged the foregoing instrument to be his free act and deed this _____
day of _____, 20____.

Seal

(Notary Public)

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ASSIGNMENT OF APPLICATION

Docket Number (Optional)
MMJ013US

Whereas, I, Misty Bagnat of 8 Fitzwilliam Square East, Dublin 2, hereafter referred to as applicant, have invented certain new and useful improvements in PAGEWIDTH INKJET PRINTHEAD CONFIGURED SUCH THAT PRINTED DOT DENSITY EXCEEDS NOZZLE DENSITY

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- for which an application for a United States Patent was executed on Sept 7, 2010, and

Whereas, Silverbrook Research Pty Ltd of Balmain, New South Wales, Australia herein referred to "assignee" whose post office address is 393 Darling Street, Balmain, New South Wales, 2041 is desirous of acquiring the entire right, title and interest in the same;

Now, therefore, in consideration of the sum of one dollars (\$ 1.00), the receipt whereof is acknowledged, and other good and valuable consideration, I, the applicant, by these presents do sell, assign and transfer unto said assignee the full and exclusive right to the said invention in the United States and the entire right, title and interest in and to any and all Patents which may be granted therefor in the United States, I hereby authorize and request the Commissioner of Patents and Trademarks to issue said United States Patent to said assignee, of the entire right, title, and interest in and to the same, for his sole use and behoof; and for the use and behoof of his legal representatives, to the full end of the term for which said Patent may be granted, as fully and entirely as the same would have been held by me had this assignment and sale not been made.

Executed this 07 day of 09, 20 10,
at 8 Fitzwilliam Square East, Dublin 2

MKBagnat
(Signature)

State of _____) SS:
County of _____)
Before me personally appeared said _____
and acknowledged the foregoing instrument to be his free act and deed this _____
day of _____, 20____.

Seal

(Notary Public)

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ASSIGNMENT OF APPLICATION

Docket Number (Optional)
MMJ014US

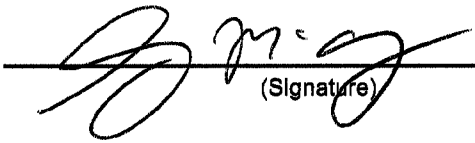
Whereas, I, Gregory John McAvoy of 8 Fitzwilliam Square East, Dublin 2, hereafter referred to as applicant, have invented certain new and useful improvements in STATIONARY INKJET PRINthead WITH DEAD NOZZLE COMPENSATION PROVIDED BY NOZZLES IN SAME NOZZLE ROW

- for which an application for a United States Patent was filed on _____, Application Number _____.
- for which an application for a United States Patent was executed on Sept 7, 2010, and

Whereas, Silverbrook Research Pty Ltd of Balmain, New South Wales, Australia herein referred to "assignee" whose post office address is 393 Darling Street, Balmain, New South Wales, 2041 is desirous of acquiring the entire right, title and interest in the same;

Now, therefore, in consideration of the sum of one dollars (\$ 1.00), the receipt whereof is acknowledged, and other good and valuable consideration, I, the applicant, by these presents do sell, assign and transfer unto said assignee the full and exclusive right to the said invention in the United States and the entire right, title and interest in and to any and all Patents which may be granted therefor in the United States, I hereby authorize and request the Commissioner of Patents and Trademarks to issue said United States Patent to said assignee, of the entire right, title, and interest in and to the same, for his sole use and behoof; and for the use and behoof of his legal representatives, to the full end of the term for which said Patent may be granted, as fully and entirely as the same would have been held by me had this assignment and sale not been made.

Executed this 07 day of 09, 2010,
at 8 Fitzwilliam Square East, Dublin 2.



(Signature)

State of _____) SS:
County of _____)
Before me personally appeared said _____
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Seal

(Notary Public)

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ASSIGNMENT OF APPLICATION

Docket Number (Optional)
MMJ014US

Whereas, I, Emma Rose Kerr of 8 Fitzwilliam Square East, Dublin 2, hereafter referred to as applicant, have invented certain new and useful improvements in STATIONARY INKJET PRINthead WITH DEAD NOZZLE COMPENSATION PROVIDED BY NOZZLES IN SAME NOZZLE ROW

for which an application for a United States Patent was filed on _____, Application Number _____.

for which an application for a United States Patent was executed on Sept 7, 2010, and

Whereas, Silverbrook Research Pty Ltd of Balmaln, New South Wales, Australia herein referred to "assignee" whose post office address is 393 Darling Street, Balmaln, New South Wales, 2041 is desirous of acquiring the entire right, title and interest in the same;

Now, therefore, in consideration of the sum of one dollars (\$ 1.00), the receipt whereof is acknowledged, and other good and valuable consideration, I, the applicant, by these presents do sell, assign and transfer unto said assignee the full and exclusive right to the said invention in the United States and the entire right, title and interest in and to any and all Patents which may be granted therefor in the United States, I hereby authorize and request the Commissioner of Patents and Trademarks to issue said United States Patent to said assignee, of the entire right, title, and interest in and to the same, for his sole use and behoof; and for the use and behoof of his legal representatives, to the full end of the term for which said Patent may be granted, as fully and entirely as the same would have been held by me had this assignment and sale not been made.

Executed this 07 day of 09, 2010,
at 8 Fitzwilliam Square East, Dublin 2.

Emma Rose Kerr
(Signature)

State of _____) SS:
County of _____)

Before me personally appeared said _____
and acknowledged the foregoing instrument to be his free act and deed this _____
day of _____, 20____.

Seal

(Notary Public)

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ASSIGNMENT OF APPLICATION

Docket Number (Optional)
MMJ014US

Whereas, I, Rónán Pádraig Seán O'Reilly of 8 Fitzwilliam Square East, Dublin 2, hereafter referred to as applicant, have invented certain new and useful improvements in STATIONARY INKJET PRINTHEAD WITH DEAD NOZZLE COMPENSATION PROVIDED BY NOZZLES IN SAME NOZZLE ROW

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Whereas, Silverbrook Research Pty Ltd of Balmain, New South Wales, Australia herein referred to "assignee" whose post office address is 393 Darling Street, Balmain, New South Wales, 2041 is desirous of acquiring the entire right, title and interest in the same;

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Executed this 07 day of 09, 2010.

at 8 Fitzwilliam Square East, Dublin 2.

Kris 1.0 Day

(Signature)

State of _____) SS:
County of _____)
Before me personally appeared said _____
and acknowledged the foregoing instrument to be his free act and deed this _____
day of _____, 20____.

Seal _____
(Notary Public)

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ASSIGNMENT OF APPLICATION

Docket Number (Optional)
MMJ014US

Whereas, I, Vincent Patrick Lawlor of 8 Fitzwilliam Square East, Dublin 2, hereafter referred to as applicant, have invented certain new and useful improvements in STATIONARY INKJET PRINthead WITH DEAD NOZZLE COMPENSATION PROVIDED BY NOZZLES IN SAME NOZZLE ROW

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for which an application for a United States Patent was executed on Sept 7, 2010, and

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Executed this 07 day of 09, 20 10.

at 8 Fitzwilliam Square East, Dublin 2.

Vincent Lawlor
(Signature)

State of _____) SS:
County of _____)

Before me personally appeared said _____ and acknowledged the foregoing instrument to be his free act and deed this _____ day of _____, 20____.

Seal

(Notary Public)

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ASSIGNMENT OF APPLICATION

Docket Number (Optional)
MMJ014US

Whereas, I, Misty Bagnat of 8 Fitzwilliam Square East, Dublin 2, hereafter referred to as applicant, have invented certain new and useful improvements in STATIONARY INKJET PRINTHEAD WITH DEAD NOZZLE COMPENSATION PROVIDED BY NOZZLES IN SAME NOZZLE ROW

for which an application for a United States Patent was filed on _____ Application Number _____.

for which an application for a United States Patent was executed on Sept 7, 2010, and

Whereas, Silverbrook Research Pty Ltd of Balmain, New South Wales, Australia herein referred to "assignee" whose post office address is 393 Darling Street, Balmain, New South Wales, 2041 is desirous of acquiring the entire right, title and interest in the same;

Now, therefore, in consideration of the sum of one dollars (\$ 1.00), the receipt whereof is acknowledged, and other good and valuable consideration, I, the applicant, by these presents do sell, assign and transfer unto said assignee the full and exclusive right to the said invention in the United States and the entire right, title and interest in and to any and all Patents which may be granted therefor in the United States, I hereby authorize and request the Commissioner of Patents and Trademarks to issue said United States Patent to said assignee, of the entire right, title, and interest in and to the same, for his sole use and behoof; and for the use and behoof of his legal representatives, to the full end of the term for which said Patent may be granted, as fully and entirely as the same would have been held by me had this assignment and sale not been made.

Executed this 07 day of 09, 20 10,

at 8 Fitzwilliam Square East, Dublin 2.

MKBagnat

(Signature)

State of _____) SS:
County of _____)

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Seal

(Notary Public)

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ASSIGNMENT OF APPLICATION

Docket Number (Optional)

MMJ015US

Whereas, I, Gregory John McAvoy of 8 Fitzwilliam Square East, Dublin 2, hereafter referred to as applicant, have invented certain new and useful improvements in INKJET PRINTHEAD WITH JOIN REGIONS SEAMLESSLY COMPENSATED BY DIRECTIONAL NOZZLES

for which an application for a United States Patent was filed on _____, Application Number _____.

for which an application for a United States Patent was executed on Sept 7, 2010, and

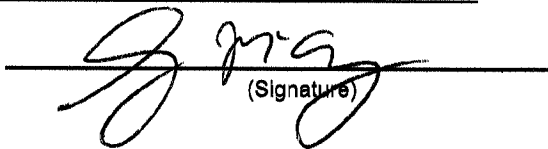
Whereas, Silverbrook Research Pty Ltd of Balmain, New South Wales, Australia herein referred to "assignee" whose post office address is 393 Darling Street, Balmain, New South Wales, 2041 is desirous of acquiring the entire right, title and interest in the same;

Now, therefore, in consideration of the sum of one dollars (\$ 1.00), the receipt whereof is acknowledged, and other good and valuable consideration, I, the applicant, by these presents do sell, assign and transfer unto said assignee the full and exclusive right to the said invention in the United States and the entire right, title and interest in and to any and all Patents which may be granted therefor in the United States, I hereby authorize and request the Commissioner of Patents and Trademarks to issue said United States Patent to said assignee, of the entire right, title, and interest in and to the same, for his sole use and behoof; and for the use and behoof of his legal representatives, to the full end of the term for which said Patent may be granted, as fully and entirely as the same would have been held by me had this assignment and sale not been made.

Executed this 07 day of 09, 2010,
at 8 Fitzwilliam Square East, Dublin 2

State of _____) SS:
County of _____)

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and acknowledged the foregoing instrument to be his free act and deed this _____
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(Signature)

Seal

(Notary Public)

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ASSIGNMENT OF APPLICATION

Docket Number (Optional)

MMJ015US

Whereas, I, Emma Rose Kerr of 8 Fitzwilliam Square East, Dublin 2, hereafter referred to as applicant, have invented certain new and useful improvements in INKJET PRINTHEAD WITH JOIN REGIONS SEAMLESSLY COMPENSATED BY DIRECTIONAL NOZZLES

for which an application for a United States Patent was filed on _____, Application Number _____.

for which an application for a United States Patent was executed on Sept 7, 2010, and

Whereas, Silverbrook Research Pty Ltd of Balmain, New South Wales, Australia herein referred to "assignee" whose post office address is 393 Darling Street, Balmain, New South Wales, 2041 is desirous of acquiring the entire right, title and interest in the same;

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Executed this 07 day of Oct, 20 10

at 8 Fitzwilliam Square East, Dublin 2

Emma Kerr
(Signature)

State of _____) SS:
County of _____)

Before me personally appeared said _____ and acknowledged the foregoing instrument to be his free act and deed this _____ day of _____, 20____.

Seal

(Notary Public)

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ASSIGNMENT OF APPLICATION

Docket Number (Optional)
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Executed this 07 day of 09, 20 10,
at 8 Fitzwilliam Square East, Dublin 2

Rónán O'Reilly
(Signature)

State of _____) SS:
County of _____)

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ASSIGNMENT OF APPLICATION

Docket Number (Optional)
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Whereas, I, Vincent Patrick Lawlor of 8 Fitzwilliam Square East, Dublin 2, hereafter referred to as applicant, have invented certain new and useful improvements in INKJET PRINthead WITH JOIN REGIONS SEAMLESSLY COMPENSATED BY DIRECTIONAL NOZZLES

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for which an application for a United States Patent was executed on Sept 7, 2010, and

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Executed this 07 day of 09, 20 10,
at 8 Fitzwilliam Square East, Dublin 2

Vincent Lawlor

(Signature)

State of _____) SS:
County of _____)

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ASSIGNMENT OF APPLICATION

Docket Number (Optional)
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Whereas, I, Misty Bagnat of 8 Fitzwilliam Square East, Dublin 2, hereafter referred to as applicant, have invented certain new and useful improvements in INKJET PRINthead WITH JOIN REGIONS SEAMLESSLY COMPENSATED BY DIRECTIONAL NOZZLES

for which an application for a United States Patent was filed on _____, Application Number _____.

for which an application for a United States Patent was executed on Sept 7, 2010, and

Whereas, Silverbrook Research Pty Ltd of Balmain, New South Wales, Australia herein referred to "assignee" whose post office address is 393 Darling Street, Balmain, New South Wales, 2041 is desirous of acquiring the entire right, title and interest in the same;

Now, therefore, in consideration of the sum of one dollars (\$ 1.00), the receipt whereof is acknowledged, and other good and valuable consideration, I, the applicant, by these presents do sell, assign and transfer unto said assignee the full and exclusive right to the said invention in the United States and the entire right, title and interest in and to any and all Patents which may be granted therefor in the United States, I hereby authorize and request the Commissioner of Patents and Trademarks to issue said United States Patent to said assignee, of the entire right, title, and interest in and to the same, for his sole use and behoof; and for the use and behoof of his legal representatives, to the full end of the term for which said Patent may be granted, as fully and entirely as the same would have been held by me had this assignment and sale not been made.

Executed this 07 day of 09, 20 10,
at 8 Fitzwilliam Square East, Dublin 2

MKBagnat

(Signature)

State of _____) SS:
County of _____)

Before me personally appeared said _____
and acknowledged the foregoing instrument to be his free act and deed this _____
day of _____, 20____.

Seal

(Notary Public)

Burden Hour Statement: This form is estimated to take 0.1 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner of Patents and Trademarks, Washington, DC 20231.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

ASSIGNMENT OF APPLICATION	Docket Number (Optional) MMJ016US
----------------------------------	--------------------------------------

Whereas, I, Gregory John McAvoy of 8 Fitzwilliam Square East, Dublin 2, hereafter referred to as applicant, have invented certain new and useful improvements in PRINTHEAD INTEGRATED CIRCUIT WITH END NOZZLES FIRING AT MULTIPLE DOT POSITIONS

for which an application for a United States Patent was filed on _____, Application Number _____.

for which an application for a United States Patent was executed on Sept 7, 2010, and

Whereas, Silverbrook Research Pty Ltd of Balmain, New South Wales, Australia herein referred to "assignee" whose post office address is 393 Darling Street, Balmain, New South Wales, 2041 is desirous of acquiring the entire right, title and interest in the same;

Now, therefore, in consideration of the sum of one dollars (\$ 1.00), the receipt whereof is acknowledged, and other good and valuable consideration, I, the applicant, by these presents do sell, assign and transfer unto said assignee the full and exclusive right to the said invention in the United States and the entire right, title and interest in and to any and all Patents which may be granted therefor in the United States, I hereby authorize and request the Commissioner of Patents and Trademarks to issue said United States Patent to said assignee, of the entire right, title, and interest in and to the same, for his sole use and behoof; and for the use and behoof of his legal representatives, to the full end of the term for which said Patent may be granted, as fully and entirely as the same would have been held by me had this assignment and sale not been made.

Executed this 07 day of 09, 20 10,
at 8 Fitzwilliam Square East, Dublin 2

State of _____) SS:
County of _____)
Before me personally appeared said _____
and acknowledged the foregoing instrument to be his free act and deed this _____
day of _____, 20____.

(Signature)

(Notary Public)

Burden Hour Statement: This form is estimated to take 0.1 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner of Patents and Trademarks, Washington, DC 20231.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

ASSIGNMENT OF APPLICATION	Docket Number (Optional) MMJ016US
<p>Whereas, I, <u>Emma Rose Kerr</u> of <u>8 Fitzwilliam Square East, Dublin 2</u>, hereafter referred to as applicant, have invented certain new and useful improvements in <u>PRINTHEAD INTEGRATED CIRCUIT WITH END NOZZLES FIRING AT MULTIPLE DOT POSITIONS</u></p> <p><input type="checkbox"/> for which an application for a United States Patent was filed on _____, Application Number _____.</p> <p><input checked="" type="checkbox"/> for which an application for a United States Patent was executed on <u>Sept 7, 2010</u>, and</p> <p>Whereas, <u>Silverbrook Research Pty Ltd</u> of <u>Balmain, New South Wales, Australia</u> herein referred to "assignee" whose post office address is <u>393 Darling Street, Balmain, New South Wales, 2041</u> is desirous of acquiring the entire right, title and interest in the same;</p> <p>Now, therefore, in consideration of the sum of <u>one</u> dollars (\$ <u>1.00</u>), the receipt whereof is acknowledged, and other good and valuable consideration, I, the applicant, by these presents do sell, assign and transfer unto said assignee the full and exclusive right to the said invention in the United States and the entire right, title and interest in and to any and all Patents which may be granted therefor in the United States, I hereby authorize and request the Commissioner of Patents and Trademarks to issue said United States Patent to said assignee, of the entire right, title, and interest in and to the same, for his sole use and behoof; and for the use and behoof of his legal representatives, to the full end of the term for which said Patent may be granted, as fully and entirely as the same would have been held by me had this assignment and sale not been made.</p> <p>Executed this <u>07</u> day of <u>09</u>, 20<u>10</u>, at <u>8 Fitzwilliam Square East, Dublin 2</u></p> <p style="text-align: right;"><u>Emma Kerr</u> _____ (Signature)</p> <p>State of _____) SS: County of _____) Before me personally appeared said _____ and acknowledged the foregoing instrument to be his free act and deed this _____ day of _____, 20____.</p> <p style="text-align: center;">Seal _____ (Notary Public)</p>	

Burden Hour Statement: This form is estimated to take 0.1 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner of Patents and Trademarks, Washington, DC 20231.

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ASSIGNMENT OF APPLICATION	Docket Number (Optional) MMJ016US
----------------------------------	--------------------------------------

Whereas, I, Rónán Pádraig Seán O'Reilly of 8 Fitzwilliam Square East, Dublin 2, hereafter referred to as applicant, have invented certain new and useful improvements in PRINTHEAD INTEGRATED CIRCUIT WITH END NOZZLES FIRING AT MULTIPLE DOT POSITIONS

for which an application for a United States Patent was filed on _____, Application Number _____.

for which an application for a United States Patent was executed on Sept 7, 2010, and

Whereas, Silverbrook Research Pty Ltd of Balmain, New South Wales, Australia herein referred to "assignee" whose post office address is 393 Darling Street, Balmain, New South Wales, 2041 is desirous of acquiring the entire right, title and interest in the same;

Now, therefore, in consideration of the sum of one dollars (\$ 1.00), the receipt whereof is acknowledged, and other good and valuable consideration, I, the applicant, by these presents do sell, assign and transfer unto said assignee the full and exclusive right to the said invention in the United States and the entire right, title and interest in and to any and all Patents which may be granted therefor in the United States, I hereby authorize and request the Commissioner of Patents and Trademarks to issue said United States Patent to said assignee, of the entire right, title, and interest in and to the same, for his sole use and behoof; and for the use and behoof of his legal representatives, to the full end of the term for which said Patent may be granted, as fully and entirely as the same would have been held by me had this assignment and sale not been made.

Executed this 07 day of 09, 20 10,
at 8 Fitzwilliam Square East, Dublin 2.

Hein Mude

(Signature)

State of _____) SS:
County of _____)
Before me personally appeared said _____
and acknowledged the foregoing instrument to be his free act and deed this _____
day of _____, 20____.

Seal _____
(Notary Public)

Burden Hour Statement: This form is estimated to take 0.1 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner of Patents and Trademarks, Washington, DC 20231.

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ASSIGNMENT OF APPLICATION	Docket Number (Optional) MMJ016US
<p>Whereas, I, <u>Vincent Patrick Lawlor</u> of <u>8 Fitzwilliam Square East, Dublin 2</u>, hereafter referred to as applicant, have invented certain new and useful improvements in <u>PRINTHEAD INTEGRATED CIRCUIT WITH END NOZZLES FIRING AT MULTIPLE DOT POSITIONS</u></p> <p><input type="checkbox"/> for which an application for a United States Patent was filed on _____, Application Number _____.</p> <p><input checked="" type="checkbox"/> for which an application for a United States Patent was executed on <u>Sept 7, 2009</u>, and</p> <p>Whereas, <u>Silverbrook Research Pty Ltd</u> of <u>Balmain, New South Wales, Australia</u> herein referred to "assignee" whose post office address is <u>393 Darling Street, Balmain, New South Wales, 2041</u> is desirous of acquiring the entire right, title and interest in the same;</p> <p>Now, therefore, in consideration of the sum of <u>one</u> dollars (\$ <u>1.00</u>), the receipt whereof is acknowledged, and other good and valuable consideration, I, the applicant, by these presents do sell, assign and transfer unto said assignee the full and exclusive right to the said invention in the United States and the entire right, title and interest in and to any and all Patents which may be granted therefor in the United States, I hereby authorize and request the Commissioner of Patents and Trademarks to issue said United States Patent to said assignee, of the entire right, title, and interest in and to the same, for his sole use and behoof; and for the use and behoof of his legal representatives, to the full end of the term for which said Patent may be granted, as fully and entirely as the same would have been held by me had this assignment and sale not been made.</p> <p>Executed this <u>07</u> day of <u>09</u>, 20 <u>10</u>, at <u>8 Fitzwilliam Square East, Dublin 2</u></p> <p style="text-align: right;"><u>Vincent Lawlor</u> _____ (Signature)</p> <p>State of _____) SS: County of _____) Before me personally appeared said _____ and acknowledged the foregoing instrument to be his free act and deed this _____ day of _____, 20 _____.</p> <p style="text-align: center;">Seal _____ (Notary Public)</p>	

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ASSIGNMENT OF APPLICATION	Docket Number (Optional) MMJ016US
----------------------------------	--------------------------------------

Whereas, I, Misty Bagnat of 8 Fitzwilliam Square East, Dublin 2, hereafter referred to as applicant, have invented certain new and useful improvements in PRINTHEAD INTEGRATED CIRCUIT WITH END NOZZLES FIRING AT MULTIPLE DOT POSITIONS

for which an application for a United States Patent was filed on _____, Application Number _____.

for which an application for a United States Patent was executed on Sept 7, 2010, and

Whereas, Silverbrook Research Pty Ltd of Balmain, New South Wales, Australia herein referred to "assignee" whose post office address is 393 Darling Street, Balmain, New South Wales, 2041 is desirous of acquiring the entire right, title and interest in the same;

Now, therefore, in consideration of the sum of one dollars (\$ 1.00), the receipt whereof is acknowledged, and other good and valuable consideration, I, the applicant, by these presents do sell, assign and transfer unto said assignee the full and exclusive right to the said invention in the United States and the entire right, title and interest in and to any and all Patents which may be granted therefor in the United States, I hereby authorize and request the Commissioner of Patents and Trademarks to issue said United States Patent to said assignee, of the entire right, title, and interest in and to the same, for his sole use and behoof; and for the use and behoof of his legal representatives, to the full end of the term for which said Patent may be granted, as fully and entirely as the same would have been held by me had this assignment and sale not been made.

Executed this 07 day of 09, 2010,
at 8 Fitzwilliam Square East, Dublin 2

MKBagnat

(Signature)

State of _____) SS:
County of _____)
Before me personally appeared said _____
and acknowledged the foregoing instrument to be his free act and deed this _____
day of _____, 20____.

(Notary Public)

Seal

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ASSIGNMENT OF APPLICATION

Docket Number (Optional)

MMJ017US

Whereas, I, Gregory John McAvoy of 8 Fitzwilliam Square East, Dublin 2, hereafter referred to as applicant, have invented certain new and useful improvements in PRINthead INTEGRATED CIRCUIT WITH PRINTABLE ZONE LONGER THAN NOZZLE ROW

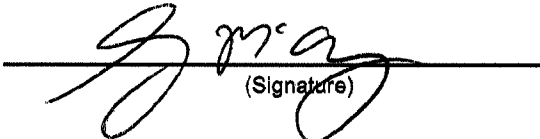
for which an application for a United States Patent was filed on _____, Application Number _____.

for which an application for a United States Patent was executed on Sept 7, 2010, and

Whereas, Silverbrook Research Pty Ltd of Balmain, New South Wales, Australia herein referred to "assignee" whose post office address is 393 Darling Street, Balmain, New South Wales, 2041 is desirous of acquiring the entire right, title and interest in the same;

Now, therefore, in consideration of the sum of one dollars (\$ 1.00), the receipt whereof is acknowledged, and other good and valuable consideration, I, the applicant, by these presents do sell, assign and transfer unto said assignee the full and exclusive right to the said invention in the United States and the entire right, title and interest in and to any and all Patents which may be granted therefor in the United States, I hereby authorize and request the Commissioner of Patents and Trademarks to issue said United States Patent to said assignee, of the entire right, title, and interest in and to the same, for his sole use and behoof; and for the use and behoof of his legal representatives, to the full end of the term for which said Patent may be granted, as fully and entirely as the same would have been held by me had this assignment and sale not been made.

Executed this 07 day of 09, 2010,
at 8 Fitzwilliam Square East, Dublin 2.


(Signature)

State of _____) SS:
County of _____)
Before me personally appeared said _____
and acknowledged the foregoing instrument to be his free act and deed this _____
day of _____, 20____.

Seal

(Notary Public)

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ASSIGNMENT OF APPLICATION

Docket Number (Optional)

MMJ017US

Whereas, I, Emma Rose Kerr of 8 Fitzwilliam Square East, Dublin 2, hereafter referred to as applicant, have invented certain new and useful improvements in PRINTHEAD INTEGRATED CIRCUIT WITH PRINTABLE ZONE LONGER THAN NOZZLE ROW

for which an application for a United States Patent was filed on _____, Application Number _____.

for which an application for a United States Patent was executed on Sept 7, 2010, and

Whereas, Silverbrook Research Pty Ltd of Balmain, New South Wales, Australia herein referred to "assignee" whose post office address is 393 Darling Street, Balmain, New South Wales, 2041 is desirous of acquiring the entire right, title and interest in the same;

Now, therefore, in consideration of the sum of one dollars (\$ 1.00), the receipt whereof is acknowledged, and other good and valuable consideration, I, the applicant, by these presents do sell, assign and transfer unto said assignee the full and exclusive right to the said invention in the United States and the entire right, title and interest in and to any and all Patents which may be granted therefor in the United States, I hereby authorize and request the Commissioner of Patents and Trademarks to issue said United States Patent to said assignee, of the entire right, title, and interest in and to the same, for his sole use and behoof; and for the use and behoof of his legal representatives, to the full end of the term for which said Patent may be granted, as fully and entirely as the same would have been held by me had this assignment and sale not been made.

Executed this 07 day of 09, 20 10
at 8 Fitzwilliam Square East, Dublin 2

Emma Kerr
(Signature)

State of _____) SS:
County of _____)

Before me personally appeared said _____ and acknowledged the foregoing instrument to be his free act and deed this _____ day of _____, 20____.

Seal

(Notary Public)

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ASSIGNMENT OF APPLICATION

Docket Number (Optional)

MMJ017US

Whereas, I, Rónán Pádraig Seán O'Reilly of 8 Fitzwilliam Square East, Dublin 2, hereafter referred to as applicant, have invented certain new and useful improvements in PRINTHEAD INTEGRATED CIRCUIT WITH PRINTABLE ZONE LONGER THAN NOZZLE ROW

for which an application for a United States Patent was filed on _____, Application Number _____.

for which an application for a United States Patent was executed on Sept 7, 2010, and

Whereas, Silverbrook Research Pty Ltd of Balmain, New South Wales, Australia herein referred to "assignee" whose post office address is 393 Darling Street, Balmain, New South Wales, 2041 is desirous of acquiring the entire right, title and interest in the same;

Now, therefore, in consideration of the sum of one dollars (\$ 1.00), the receipt whereof is acknowledged, and other good and valuable consideration, I, the applicant, by these presents do sell, assign and transfer unto said assignee the full and exclusive right to the said invention in the United States and the entire right, title and interest in and to any and all Patents which may be granted therefor in the United States, I hereby authorize and request the Commissioner of Patents and Trademarks to issue said United States Patent to said assignee, of the entire right, title, and interest in and to the same, for his sole use and behoof; and for the use and behoof of his legal representatives, to the full end of the term for which said Patent may be granted, as fully and entirely as the same would have been held by me had this assignment and sale not been made.

Executed this 07 day of 09, 20 10,
at 8 Fitzwilliam Square East, Dublin 2

Mian Dany

(Signature)

State of _____) SS:
County of _____)

Before me personally appeared said _____
and acknowledged the foregoing instrument to be his free act and deed this _____
day of _____, 20____.

Seal

(Notary Public)

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ASSIGNMENT OF APPLICATION

Docket Number (Optional)

MMJ017US

Whereas, I, Vincent Patrick Lawlor of 8 Fitzwilliam Square East, Dublin 2, hereafter referred to as applicant, have invented certain new and useful improvements in PRINTHEAD INTEGRATED CIRCUIT WITH PRINTABLE ZONE LONGER THAN NOZZLE ROW

for which an application for a United States Patent was filed on _____, Application Number _____.

for which an application for a United States Patent was executed on Sept 7, 2010, and

Whereas, Silverbrook Research Pty Ltd of Balmain, New South Wales, Australia herein referred to "assignee" whose post office address is 393 Darling Street, Balmain, New South Wales, 2041 is desirous of acquiring the entire right, title and interest in the same;

Now, therefore, in consideration of the sum of one dollars (\$ 1.00), the receipt whereof is acknowledged, and other good and valuable consideration, I, the applicant, by these presents do sell, assign and transfer unto said assignee the full and exclusive right to the said invention in the United States and the entire right, title and interest in and to any and all Patents which may be granted therefor in the United States, I hereby authorize and request the Commissioner of Patents and Trademarks to issue said United States Patent to said assignee, of the entire right, title, and interest in and to the same, for his sole use and behoof; and for the use and behoof of his legal representatives, to the full end of the term for which said Patent may be granted, as fully and entirely as the same would have been held by me had this assignment and sale not been made.

Executed this 07 day of 09, 20 10,
at 8 Fitzwilliam Square East, Dublin 2

Vincent Lawlor
(Signature)

State of _____) SS:
County of _____)

Before me personally appeared said _____
and acknowledged the foregoing instrument to be his free act and deed this _____
day of _____, 20____.

Seal

(Notary Public)

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ASSIGNMENT OF APPLICATION

Docket Number (Optional)

MMJ017US

Whereas, I, Misty Bagnat of 8 Fitzwilliam Square East, Dublin 2, hereafter referred to as applicant, have invented certain new and useful improvements in PRINTHEAD INTEGRATED CIRCUIT WITH PRINTABLE ZONE LONGER THAN NOZZLE ROW

for which an application for a United States Patent was filed on _____ Application Number _____.

for which an application for a United States Patent was executed on Sept 7, 2010, and

Whereas, Silverbrook Research Pty Ltd of Balmain, New South Wales, Australia herein referred to "assignee" whose post office address is 393 Darling Street, Balmain, New South Wales, 2041 is desirous of acquiring the entire right, title and interest in the same;

Now, therefore, in consideration of the sum of one dollars (\$ 1.00), the receipt whereof is acknowledged, and other good and valuable consideration, I, the applicant, by these presents do sell, assign and transfer unto said assignee the full and exclusive right to the said invention in the United States and the entire right, title and interest in and to any and all Patents which may be granted therefor in the United States, I hereby authorize and request the Commissioner of Patents and Trademarks to issue said United States Patent to said assignee, of the entire right, title, and interest in and to the same, for his sole use and behoof; and for the use and behoof of his legal representatives, to the full end of the term for which said Patent may be granted, as fully and entirely as the same would have been held by me had this assignment and sale not been made.

Executed this 07 day of 09, 20 10
at 8 Fitzwilliam Square East, Dublin 2

MKBagnat

(Signature)

State of _____) SS:
County of _____)

Before me personally appeared said _____
and acknowledged the foregoing instrument to be his free act and deed this _____
day of _____, 20____.

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(Notary Public)

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ASSIGNMENT OF APPLICATION

Docket Number (Optional)
MMJ018US

Whereas, I, Gregory John McAvoy of 8 Fitzwilliam Square East, Dublin 2, hereafter referred to as applicant, have invented certain new and useful improvements in METHOD OF CONTROLLING DROP DIRECTIONALITY FROM INKJET NOZZLE USING MULTIPLE INDEPENDENTLY-ACTUABLE ROOF PADDLES

for which an application for a United States Patent was filed on _____, Application Number _____.

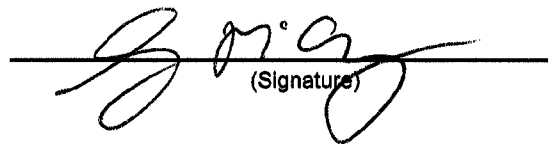
for which an application for a United States Patent was executed on Sept 7, 2010, and

Whereas, Silverbrook Research Pty Ltd of Balmain, New South Wales, Australia herein referred to "assignee" whose post office address is 393 Darling Street, Balmain, New South Wales, 2041 is desirous of acquiring the entire right, title and interest in the same;

Now, therefore, in consideration of the sum of one dollars (\$ 1.00), the receipt whereof is acknowledged, and other good and valuable consideration, I, the applicant, by these presents do sell, assign and transfer unto said assignee the full and exclusive right to the said invention in the United States and the entire right, title and interest in and to any and all Patents which may be granted therefor in the United States, I hereby authorize and request the Commissioner of Patents and Trademarks to issue said United States Patent to said assignee, of the entire right, title, and interest in and to the same, for his sole use and behoof; and for the use and behoof of his legal representatives, to the full end of the term for which said Patent may be granted, as fully and entirely as the same would have been held by me had this assignment and sale not been made.

Executed this 07 day of 09, 20 10,
at 8 Fitzwilliam Square East, Dublin 2.

State of _____) SS:
County of _____)


(Signature)

Before me personally appeared said _____
and acknowledged the foregoing instrument to be his free act and deed this _____
day of _____, 20____.

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(Notary Public)

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ASSIGNMENT OF APPLICATION

Docket Number (Optional)

MMJ018US

Whereas, I, Emma Rose Kerr of 8 Fitzwilliam Square East, Dublin 2, hereafter referred to as applicant, have invented certain new and useful improvements in METHOD OF CONTROLLING DROP DIRECTIONALITY FROM INKJET NOZZLE USING MULTIPLE INDEPENDENTLY-ACTUABLE ROOF PADDLES

for which an application for a United States Patent was filed on _____, Application Number _____.

for which an application for a United States Patent was executed on Sept 7, 2010, and

Whereas, Silverbrook Research Pty Ltd of Balmain, New South Wales, Australia herein referred to "assignee" whose post office address is 393 Darling Street, Balmain, New South Wales, 2041 is desirous of acquiring the entire right, title and interest in the same;

Now, therefore, in consideration of the sum of one dollars (\$ 1.00), the receipt whereof is acknowledged, and other good and valuable consideration, I, the applicant, by these presents do sell, assign and transfer unto said assignee the full and exclusive right to the said invention in the United States and the entire right, title and interest in and to any and all Patents which may be granted therefor in the United States, I hereby authorize and request the Commissioner of Patents and Trademarks to issue said United States Patent to said assignee, of the entire right, title, and interest in and to the same, for his sole use and behoof; and for the use and behoof of his legal representatives, to the full end of the term for which said Patent may be granted, as fully and entirely as the same would have been held by me had this assignment and sale not been made.

Executed this 07 day of 09, 20 10,
at 8 Fitzwilliam Square East, Dublin 2

Emma Kerr
(Signature)

State of _____) SS:
County of _____)

Before me personally appeared said _____
and acknowledged the foregoing instrument to be his free act and deed this _____
day of _____, 20____.

Seal

(Notary Public)

Burden Hour Statement: This form is estimated to take 0.1 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner of Patents and Trademarks, Washington, DC 20231.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

ASSIGNMENT OF APPLICATION

Docket Number (Optional)

MMJ018US

Whereas, I, Rónán Pádraig Seán O'Reilly of 8 Fitzwilliam Square East, Dublin 2, hereafter referred to as applicant, have invented certain new and useful improvements in METHOD OF CONTROLLING DROP DIRECTIONALITY FROM INKJET NOZZLE USING MULTIPLE INDEPENDENTLY-ACTUABLE ROOF PADDLES

for which an application for a United States Patent was filed on _____, Application Number _____.

for which an application for a United States Patent was executed on Sept 7, 2010, and

Whereas, Silverbrook Research Pty Ltd of Balmain, New South Wales, Australia herein referred to "assignee" whose post office address is 393 Darling Street, Balmain, New South Wales, 2041 is desirous of acquiring the entire right, title and interest in the same;

Now, therefore, in consideration of the sum of one dollars (\$ 1.00), the receipt whereof is acknowledged, and other good and valuable consideration, I, the applicant, by these presents do sell, assign and transfer unto said assignee the full and exclusive right to the said invention in the United States and the entire right, title and interest in and to any and all Patents which may be granted therefor in the United States, I hereby authorize and request the Commissioner of Patents and Trademarks to issue said United States Patent to said assignee, of the entire right, title, and interest in and to the same, for his sole use and behoof; and for the use and behoof of his legal representatives, to the full end of the term for which said Patent may be granted, as fully and entirely as the same would have been held by me had this assignment and sale not been made.

Executed this 07 day of 09, 20 10,
at 8 Fitzwilliam Square East, Dublin 2.

Krim Muly
(Signature)

State of _____) SS:
County of _____)

Before me personally appeared said _____
and acknowledged the foregoing instrument to be his free act and deed this _____
day of _____, 20____.

Seal

(Notary Public)

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ASSIGNMENT OF APPLICATION

Docket Number (Optional)

MMJ018US

Whereas, I, Vincent Patrick Lawlor of 8 Fitzwilliam Square East, Dublin 2, hereafter referred to as applicant, have invented certain new and useful improvements in METHOD OF CONTROLLING DROP DIRECTIONALITY FROM INKJET NOZZLE USING MULTIPLE INDEPENDENTLY-ACTUABLE ROOF PADDLES

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Executed this 07 day of 09, 20 10,
at 8 Fitzwilliam Square East, Dublin 2.

Vincent Lawlor
(Signature)

State of _____) SS:
County of _____)

Before me personally appeared said _____
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(Notary Public)

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ASSIGNMENT OF APPLICATION

Docket Number (Optional)
MMJ018US

Whereas, I, Misty Bagnat of 8 Fitzwilliam Square East, Dublin 2, hereafter referred to as applicant, have invented certain new and useful improvements in METHOD OF CONTROLLING DROP DIRECTIONALITY FROM INKJET NOZZLE USING MULTIPLE INDEPENDENTLY-ACTUABLE ROOF PADDLES

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Executed this 07 day of 09, 20 10,
at 8 Fitzwilliam Square East, Dublin 2

MtBagnat
(Signature)

State of _____) SS:
County of _____)

Before me personally appeared said _____
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ASSIGNMENT OF APPLICATION

Docket Number (Optional)

MMJ019US

Whereas, I, Gregory John McAvoy of 8 Fitzwilliam Square East, Dublin 2, hereafter referred to as applicant, have invented certain new and useful improvements in METHOD OF COMPENSATING FOR DEAD NOZZLES IN STATIONARY PAGEWIDTH PRINTHEAD

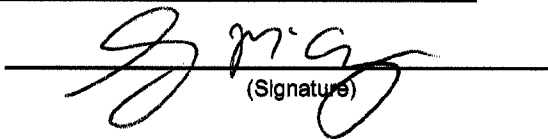
for which an application for a United States Patent was filed on _____, Application Number _____.

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Executed this 07 day of 09, 20 10, at 8 Fitzwilliam Square East, Dublin 2.


(Signature)

State of _____) SS:
County of _____)

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ASSIGNMENT OF APPLICATION

Docket Number (Optional)

MMJ019US

Whereas, I, Emma Rose Kerr of 8 Fitzwilliam Square East, Dublin 2, hereafter referred to as applicant, have invented certain new and useful improvements in METHOD OF COMPENSATING FOR DEAD NOZZLES IN STATIONARY PAGEWIDTH PRINTHEAD

for which an application for a United States Patent was filed on _____, Application Number _____.

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Whereas, Silverbrook Research Pty Ltd of Balmain, New South Wales, Australia herein referred to "assignee" whose post office address is 393 Darling Street, Balmain, New South Wales, 2041 is desirous of acquiring the entire right, title and interest in the same;

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Executed this 07 day of 09, 20 10,
at 8 Fitzwilliam Square East, Dublin 2

Emma Rose Kerr
(Signature)

State of _____) SS:
County of _____)

Before me personally appeared said _____
and acknowledged the foregoing instrument to be his free act and deed this _____
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Seal

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ASSIGNMENT OF APPLICATION

Docket Number (Optional)

MMJ019US

Whereas, I, Rónán Pádraig Seán O'Reilly of 8 Fitzwilliam Square East, Dublin 2, hereafter referred to as applicant, have invented certain new and useful improvements in METHOD OF COMPENSATING FOR DEAD NOZZLES IN STATIONARY PAGEWIDTH PRINTHEAD

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Executed this 07 day of 09, 20 10,
at 8 Fitzwilliam Square East, Dublin 2

Horizon Musk
(Signature)

State of _____) SS:
County of _____)

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ASSIGNMENT OF APPLICATION

Docket Number (Optional)

MMJ019US

Whereas, I, Vincent Patrick Lawlor of 8 Fitzwilliam Square East, Dublin 2, hereafter referred to as applicant, have invented certain new and useful improvements in METHOD OF COMPENSATING FOR DEAD NOZZLES IN STATIONARY PAGEWIDTH PRINTHEAD

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Vincent Lawlor
(Signature)

State of _____) SS:
County of _____)

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ASSIGNMENT OF APPLICATION

Docket Number (Optional)

MMJ019US

Whereas, I, Misty Bagnat of 8 Fitzwilliam Square East, Dublin 2, hereafter referred to as applicant, have invented certain new and useful improvements in METHOD OF COMPENSATING FOR DEAD NOZZLES IN STATIONARY PAGEWIDTH PRINTHEAD

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Executed this 07 day of 09, 20 10, at 8 Fitzwilliam Square East, Dublin 2

MtBagnat

(Signature)

State of _____) SS:
County of _____)

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ASSIGNMENT OF APPLICATION

Docket Number (Optional)

MMJ020US

Whereas, I, Gregory John McAvoy of 8 Fitzwilliam Square East, Dublin 2, hereafter referred to as applicant, have invented certain new and useful improvements in METHOD OF PRINTING AT DOT DENSITY EXCEEDING NOZZLE DENSITY IN STATIONARY PAGEWIDTH PRINTHEAD

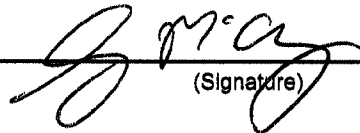
for which an application for a United States Patent was filed on _____, Application Number _____.

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Executed this 07 day of 09, 20 10,
at 8 Fitzwilliam Square East, Dublin 2


(Signature)

State of _____) SS:
County of _____)
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ASSIGNMENT OF APPLICATION

Docket Number (Optional)

MMJ020US

Whereas, I, Emma Rose Kerr of 8 Fitzwilliam Square East, Dublin 2, hereafter

referred to as applicant, have invented certain new and useful improvements in METHOD OF PRINTING AT DOT DENSITY EXCEEDING NOZZLE DENSITY IN STATIONARY PAGEWIDTH PRINTHEAD

for which an application for a United States Patent was filed on _____,
Application Number _____.

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entire right, title and interest in and to any and all Patents which may be granted therefor in the United States,
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and for the use and behoof of his legal representatives, to the full end of the term for which said Patent may
be granted, as fully and entirely as the same would have been held by me had this assignment and sale not
been made.

Executed this 07 day of 09, 20 10,
at 8 Fitzwilliam Square East, Dublin 2.

Emma Kerr
(Signature)

State of _____) SS:
County of _____)

Before me personally appeared said _____
and acknowledged the foregoing instrument to be his free act and deed this _____
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Seal

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Washington, DC 20231.

ASSIGNMENT OF APPLICATION

Docket Number (Optional)

MMJ020US

Whereas, I, Rónán Pádraig Seán O'Reilly of 8 Fitzwilliam Square East, Dublin 2, hereafter referred to as applicant, have invented certain new and useful improvements in METHOD OF PRINTING AT DOT DENSITY EXCEEDING NOZZLE DENSITY IN STATIONARY PAGEWIDTH PRINTHEAD

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Executed this 07 day of 07, 20 10 at 8 Fitzwilliam Square East, Dublin 2

Rónán Pádraig Seán O'Reilly
(Signature)

State of _____) SS:
County of _____)

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ASSIGNMENT OF APPLICATION

Docket Number (Optional)

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Vincent Lawlor
(Signature)

State of _____) SS:
County of _____)

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ASSIGNMENT OF APPLICATION

Docket Number (Optional)

MMJ020US

Whereas, I, Misty Bagnat of 8 Fitzwilliam Square East, Dublin 2, hereafter referred to as applicant, have invented certain new and useful improvements in METHOD OF PRINTING AT DOT DENSITY EXCEEDING NOZZLE DENSITY IN STATIONARY PAGEWIDTH PRINTHEAD

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MKBagnat

(Signature)

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