

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT4997811

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
ALEXANDER WILLIAM WHYTOCK	05/10/2018
SCOTT LOW COLSTON	05/10/2018
ROSS JOHNSTON	05/10/2018
CRAIG SCOTT NICOL	05/09/2018
ANTHONY JAMES STOREY	05/10/2018
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	NCR CORPORATION
<b>Street Address:</b>	864 SPRING STREET NW
<b>Internal Address:</b>	LAW DEPARTMENT
<b>City:</b>	ATLANTA
<b>State/Country:</b>	GEORGIA
<b>Postal Code:</b>	30308
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	15963287
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(404)592-6170
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
<b>Phone:</b>	678-808-5231
<b>Email:</b>	PTOMail.Law@ncr.com
<b>Correspondent Name:</b>	NCR CORPORATION
<b>Address Line 1:</b>	864 SPRING STREET NW
<b>Address Line 2:</b>	LAW DEPARTMENT
<b>Address Line 4:</b>	ATLANTA, GEORGIA 30308
<b>ATTORNEY DOCKET NUMBER:</b>	18-0231-U02
<b>NAME OF SUBMITTER:</b>	PAUL W. MARTIN
<b>SIGNATURE:</b>	/Paul W. Martin/
<b>DATE SIGNED:</b>	06/08/2018

**Total Attachments: 20**

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United States Patent Application

**COMBINED DECLARATION AND ASSIGNMENT**

As a below named inventor I hereby declare that:

My residence and post office are as stated below next to my name.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application entitled:

**'Modular Valuable Media Recycling Device'**

and identified by NCR Corporation Docket No. 18-0231-U02, the specification of which:

- a. ☐ is attached hereto
- b. ☒ was filed on **26 April 2018** as United States Application Number or PCT International Application Number **15/963,287** and was amended on \_\_\_\_\_ (if applicable), which I have reviewed and for which I solicit a United States patent.

The above-identified application was made or authorized to be made by me.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I am aware of and do hereby acknowledge the duty to disclose all information, which is material to patentability of this application as defined in Title 37, Code of Federal Regulations, § 1.56.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

**ASSIGNMENT OF UNITED STATES PATENT APPLICATION**

WHEREAS, I, **Alexander William Whytock of 27 Gean Grove, Blairgowrie, Perthshire PH10 6TL, Scotland, United Kingdom**, (hereinafter called "the inventor"), have invented certain new and useful improvements in **'Modular Valuable Media Recycling Device'** Docket No. **18-0231-U02** (hereinafter called "the invention"), for which I have executed an application for Letters Patent of the United States of America (hereinafter called "the application") on **26 April 2018** respectively; and

WHEREAS, the invention being made in the circumstances set out in Section 39 (1) of the United Kingdom Patents Act 1977, belongs to our employer at that time, namely NCR Financial Solutions Group Limited, a company incorporated in England whose registered address is 9th Floor, 5 Merchant Square, London W2 1BQ, United Kingdom; and

WHEREAS, NCR Corporation, a corporation of the State of Maryland, having its principal place of business at 864 Spring St. NW, Atlanta, GA 30308-1007, USA, is desirous of acquiring from NCR Financial Solutions Group Limited, the entire right, title, and interest in and to the invention and the application; and

WHEREAS, NCR Financial Solutions Group Limited and NCR Corporation have authorized and requested my/our executing the application; and

NOW, THEREFORE, to all whom it may concern be it known that I, the inventor, confirm the ownership by NCR Financial Solutions Group Limited of the invention and the application by operation of law under the United Kingdom Patents Act 1977 and if, under the law of the United States, or any other countries in the world, I the inventor have any ownership right, title, and interest in the invention and the application (which I do not believe to be the case and claim no ownership right, title, or interest in the invention and the application based on the Law of the United Kingdom), in consideration of the sum of One Dollar (\$1.00) and of other valuable considerations, the receipt of which is hereby acknowledged, I, the inventor, nevertheless hereby assign and transfer such ownership right, title, and interest in and to the invention and application to NCR Financial Solutions Group Limited, its successors and assigns. NCR Financial Solutions Group Limited in turn hereby assigns and transfers to NCR Corporation, its successors and assigns, the entire right, title, and interest in and to the invention and the application (including any right to claim priority under the International Convention), and in and to any divisions, continuations, reissues, and extensions thereof.

FURTHER, I, the inventor, and NCR Financial Solutions Group Limited hereby authorize and request any Letters Patent arising therefrom in the United States of America be issued to NCR Corporation, its successors and assigns.


FURTHER, I, the inventor, agree that I will communicate to NCR Corporation, or its representatives, any facts known to myself respecting the invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitution, renewal, and reissue applications, execute all necessary assignment papers to cause any Letters Patent arising therefrom in the United States of America to be issued to NCR Corporation, make all rightful oaths and generally to do everything possible to aid NCR Corporation, its successors and assigns, to obtain and enforce protection for the invention in the United States of America and in any other countries in the world.

FURTHER, it is hereby declared that the transaction hereby effected does not form part of a larger transaction or of a series of transactions in respect of which the amount or value or the aggregate amount or value, of the consideration exceeds £60,000 (Sterling).

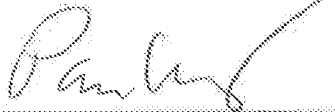
SIGNED at Dundee this 10<sup>th</sup> day of May, 2018

Full name of inventor	Alexander William Whytock	
Inventor's signature	Alexander W. Whytock	Date: 10 May 2018
Residence	27 Gean Grove, Balmgowrie, Perthshire PH10 6TL, Scotland, United Kingdom	
Post Office Address	Same as above	

Signed at Dundee, this 10<sup>th</sup> day of May, 2018

Signature   
Name (print) Louise Middleton  
Title Attorney  
NCR Financial Solutions Group Limited

Signed at ~~ATLANTA~~ this 1<sup>st</sup> day of June, 2018

Signature   
Name (print) Paul W Martin  
Title Senior Attorney  
NCR Corporation

United States Patent Application

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- a. ☐ is attached hereto
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I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I am aware of and do hereby acknowledge the duty to disclose all information, which is material to patentability of this application as defined in Title 37, Code of Federal Regulations, § 1.56.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

**ASSIGNMENT OF UNITED STATES PATENT APPLICATION**

WHEREAS, I, **Scott Low Colston** of **111 Seafield Road, Broughty Ferry, Dundee DD5 3AP, Scotland, United Kingdom**, (hereinafter called "the inventor"), have invented certain new and useful improvements in **'Modular Valuable Media Recycling Device'** Docket No. **18-0231-U02** (hereinafter called "the invention"), for which I have executed an application for Letters Patent of the United States of America (hereinafter called "the application") on **26 April 2018** respectively; and

WHEREAS, the invention being made in the circumstances set out in Section 39 (1) of the United Kingdom Patents Act 1977, belongs to our employer at that time, namely NCR Financial Solutions Group Limited, a company incorporated in England whose registered address is 9th Floor, 5 Merchant Square, London W2 1BQ, United Kingdom; and

WHEREAS, NCR Corporation, a corporation of the State of Maryland, having its principal place of business at 864 Spring St. NW, Atlanta, GA 30308-1007, USA, is desirous of acquiring from NCR Financial Solutions Group Limited, the entire right, title, and interest in and to the invention and the application; and

WHEREAS, NCR Financial Solutions Group Limited and NCR Corporation have authorized and requested my/our executing the application; and

NOW, THEREFORE, to all whom it may concern be it known that I, the inventor, confirm the ownership by NCR Financial Solutions Group Limited of the invention and the application by operation of law under the United Kingdom Patents Act 1977 and if, under the law of the United States, or any other countries in the world, I the inventor have any ownership right, title, and interest in the invention and the application (which I do not believe to be the case and claim no ownership right, title, or interest in the invention and the application based on the Law of the United Kingdom), in consideration of the sum of One Dollar (\$1.00) and of other valuable considerations, the receipt of which is hereby acknowledged, I, the inventor, nevertheless hereby assign and transfer such ownership right, title, and interest in and to the invention and application to NCR Financial Solutions Group Limited, its successors and assigns. NCR Financial Solutions Group Limited in turn hereby assigns and transfers to NCR Corporation, its successors and assigns, the entire right, title, and interest in and to the invention and the application (including any right to claim priority under the International Convention), and in and to any divisions, continuations, reissues, and extensions thereof.

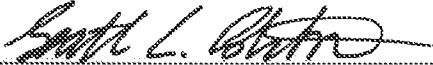
FURTHER, I, the inventor, and NCR Financial Solutions Group Limited hereby authorize and request any Letters Patent arising therefrom in the United States of America be issued to NCR Corporation, its successors and assigns.




FURTHER, I, the inventor, agree that I will communicate to NCR Corporation, or its representatives, any facts known to myself respecting the invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitution, renewal, and reissue applications, execute all necessary assignment papers to cause any Letters Patent arising therefrom in the United States of America to be issued to NCR Corporation, make all rightful oaths and generally to do everything possible to aid NCR Corporation, its successors and assigns, to obtain and enforce protection for the invention in the United States of America and in any other countries in the world.

FURTHER, it is hereby declared that the transaction hereby effected does not form part of a larger transaction or of a series of transactions in respect of which the amount or value or the aggregate amount or value, of the consideration exceeds £60,000 (Sterling).

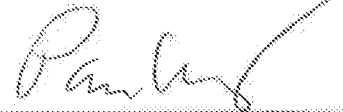
SIGNED at Dundee this 10<sup>th</sup> day of May, 2018

Full name of inventor	Scott Low Colston	
Inventor's signature		Date: 10 May 2018
Residence	111 Seafield Road, Broughty Ferry, Dundee DD5 3AP, Scotland, United Kingdom	
Post Office Address	Same as above	

Signed at Dundee, this 10<sup>th</sup> day of May, 2018

Signature   
Name (print) Louise Middleton  
Title Attorney  
NCR Financial Solutions Group Limited

Signed at ~~ATLANTA~~ this 1<sup>st</sup> day of June, 2018

Signature   
Name (print) Paul W Martin  
Title Senior Attorney  
NCR Corporation

United States Patent Application

**COMBINED DECLARATION AND ASSIGNMENT**

As a below named inventor I hereby declare that:

My residence and post office are as stated below next to my name.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application entitled:

**'Modular Valuable Media Recycling Device'**

and identified by NCR Corporation Docket No. 18-0231-U02, the specification of which:

- a. ☐ is attached hereto
- b. ☒ was filed on **26 April 2018** as United States Application Number or PCT International Application Number **15/963,287** and was amended on \_\_\_\_\_ (if applicable), which I have reviewed and for which I solicit a United States patent.

The above-identified application was made or authorized to be made by me.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I am aware of and do hereby acknowledge the duty to disclose all information, which is material to patentability of this application as defined in Title 37, Code of Federal Regulations, § 1.56.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

**ASSIGNMENT OF UNITED STATES PATENT APPLICATION**

WHEREAS, I, **Ross Johnston of Braemar Villa, Haughmill Lane, Windygates, Leven, Fife, KY8 5DH, Scotland, United Kingdom**, (hereinafter called "the inventor"), have invented certain new and useful improvements in **'Modular Valuable Media Recycling Device'** Docket No. **18-0231-U02** (hereinafter called "the invention"), for which I have executed an application for Letters Patent of the United States of America (hereinafter called "the application") on **26 April 2018** respectively; and

WHEREAS, the invention being made in the circumstances set out in Section 39 (1) of the United Kingdom Patents Act 1977, belongs to our employer at that time, namely NCR Financial Solutions Group Limited, a company incorporated in England whose registered address is 9th Floor, 5 Merchant Square, London W2 1BQ, United Kingdom; and

WHEREAS, NCR Corporation, a corporation of the State of Maryland, having its principal place of business at 864 Spring St. NW, Atlanta, GA 30308-1007, USA, is desirous of acquiring from NCR Financial Solutions Group Limited, the entire right, title, and interest in and to the invention and the application; and

WHEREAS, NCR Financial Solutions Group Limited and NCR Corporation have authorized and requested my/our executing the application; and


NOW, THEREFORE, to all whom it may concern be it known that I, the inventor, confirm the ownership by NCR Financial Solutions Group Limited of the invention and the application by operation of law under the United Kingdom Patents Act 1977 and if, under the law of the United States, or any other countries in the world, I the inventor have any ownership right, title, and interest in the invention and the application (which I do not believe to be the case and claim no ownership right, title, or interest in the invention and the application based on the Law of the United Kingdom), in consideration of the sum of One Dollar (\$1.00) and of other valuable considerations, the receipt of which is hereby acknowledged, I, the inventor, nevertheless hereby assign and transfer such ownership right, title, and interest in and to the invention and application to NCR Financial Solutions Group Limited, its successors and assigns. NCR Financial Solutions Group Limited in turn hereby assigns and transfers to NCR Corporation, its successors and assigns, the entire right, title, and interest in and to the invention and the application (including any right to claim priority under the International Convention), and in and to any divisions, continuations, reissues, and extensions thereof.

FURTHER, I, the inventor, and NCR Financial Solutions Group Limited hereby authorize and request any Letters Patent arising therefrom in the United States of America be issued to NCR Corporation, its successors and assigns.


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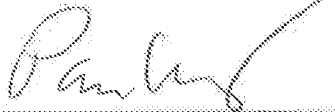
SIGNED at Dundee this 10<sup>th</sup> day of May, 2018

Full name of inventor	Ross Johnston	
Inventor's signature		Date: 10 May 2018
Residence	Braemar Villa, Haughmill Lane, Windygates, Leven, Fife, KY8 5DH, Scotland, United Kingdom	
Post Office Address	Same as above	

Signed at Dundee, this 10<sup>th</sup> day of May, 2018

Signature   
Name (print) Louise Middleton  
Title Attorney  
NCR Financial Solutions Group Limited

Signed at ~~ATLANTA~~ this 1<sup>st</sup> day of June, 2018

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Name (print) Paul W Martin  
Title Senior Attorney  
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- a. ☐ is attached hereto
- b. ☒ was filed on **26 April 2018** as United States Application Number or PCT International Application Number **15/963,287** and was amended on \_\_\_\_\_ (if applicable), which I have reviewed and for which I solicit a United States patent.

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I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

**ASSIGNMENT OF UNITED STATES PATENT APPLICATION**

WHEREAS, I, **Craig Scott Nicol** of **3 Meadowview Place, Inchtute, Perth PH14 9TG, Scotland, United Kingdom**, (hereinafter called "the inventor"), have invented certain new and useful improvements in **'Modular Valuable Media Recycling Device'** Docket No. 18-0231-U02 (hereinafter called "the invention"), for which I have executed an application for Letters Patent of the United States of America (hereinafter called "the application") on **26 April 2018** respectively; and

WHEREAS, the invention being made in the circumstances set out in Section 39 (1) of the United Kingdom Patents Act 1977, belongs to our employer at that time, namely NCR Financial Solutions Group Limited, a company incorporated in England whose registered address is 9th Floor, 5 Merchant Square, London W2 1BQ, United Kingdom; and

WHEREAS, NCR Corporation, a corporation of the State of Maryland, having its principal place of business at 864 Spring St. NW, Atlanta, GA 30308-1007, USA, is desirous of acquiring from NCR Financial Solutions Group Limited, the entire right, title, and interest in and to the invention and the application; and

WHEREAS, NCR Financial Solutions Group Limited and NCR Corporation have authorized and requested my/our executing the application; and

NOW, THEREFORE, to all whom it may concern be it known that I, the inventor, confirm the ownership by NCR Financial Solutions Group Limited of the invention and the application by operation of law under the United Kingdom Patents Act 1977 and if, under the law of the United States, or any other countries in the world, I the inventor have any ownership right, title, and interest in the invention and the application (which I do not believe to be the case and claim no ownership right, title, or interest in the invention and the application based on the Law of the United Kingdom), in consideration of the sum of One Dollar (\$1.00) and of other valuable considerations, the receipt of which is hereby acknowledged, I, the inventor, nevertheless hereby assign and transfer such ownership right, title, and interest in and to the invention and application to NCR Financial Solutions Group Limited, its successors and assigns. NCR Financial Solutions Group Limited in turn hereby assigns and transfers to NCR Corporation, its successors and assigns, the entire right, title, and interest in and to the invention and the application (including any right to claim priority under the International Convention), and in and to any divisions, continuations, reissues, and extensions thereof.

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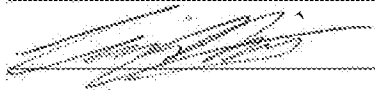
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SIGNED at Dundee this 9<sup>th</sup> day of May, 2018

Full name of inventor Craig Scott Nicol

Inventor's signature



Date: 9 May 2018


Residence

3 Meadowview Place, Inchtute, Perth PH14 9TG, Scotland, United Kingdom

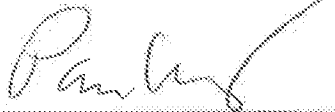
Post Office Address

Same as above

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Signature   
Name (print) Louise Middleton  
Title Attorney  
NCR Financial Solutions Group Limited

Signed at ~~ATLANTA~~ this 1<sup>st</sup> day of June, 2018

Signature   
Name (print) Paul W Martin  
Title Senior Attorney  
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**ASSIGNMENT OF UNITED STATES PATENT APPLICATION**

WHEREAS, I, **Anthony James Storey** of **39 Bernham Avenue, Stonehaven AB39 2WD, Kincardineshire, Scotland, United Kingdom**, (hereinafter called "the inventor"), have invented certain new and useful improvements in **'Modular Valuable Media Recycling Device'** Docket No. **18-0231-U02** (hereinafter called "the invention"), for which I have executed an application for Letters Patent of the United States of America (hereinafter called "the application") on **26 April 2018** respectively; and

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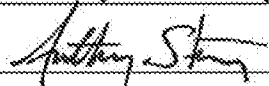
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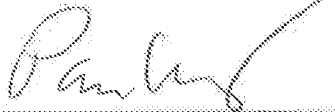
SIGNED at Dundee this 10<sup>th</sup> day of May, 2018

Full name of inventor	Anthony James Storey	
Inventor's signature		Date: 10 May 2018
Residence	39 Bernham Avenue, Stonehaven AB39 2WD, Kincardineshire, Scotland, United Kingdom	
Post Office Address	Same as above	

Signed at Dundee, this 10<sup>th</sup> day of May, 2018

Signature   
Name (print) Louise Middleton  
Title Attorney  
NCR Financial Solutions Group Limited

Signed at ~~ATLANTA~~ this 1<sup>st</sup> day of June, 2018

Signature   
Name (print) Paul W Martin  
Title Senior Attorney  
NCR Corporation