

PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

EPAS ID: PAT3415571

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
STEVEN J. BIRNIE	04/29/2015
MARSHALL MUNRO	04/29/2015
STEVEN W. SWAINE	04/29/2015
RECEIVING PARTY DATA	
Name:	NCR CORPORATION
Street Address:	3097 SATELLITE BLVD.
Internal Address:	2ND FLOOR, LAW DEPARTMENT
City:	DULUTH
State/Country:	GEORGIA
Postal Code:	30096
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	29531546
CORRESPONDENCE DATA	
Fax Number:	(404)487-8949
<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>	
Phone:	678-808-5231
Email:	PTOMail.Law@ncr.com
Correspondent Name:	NCR CORPORATION
Address Line 1:	3097 SATELITE BOULEVARD
Address Line 2:	BUILDING 700, 2ND FLOOR, LAW DEPARTMENT
Address Line 4:	DULUTH, GEORGIA 30096
ATTORNEY DOCKET NUMBER:	15-212-D
NAME OF SUBMITTER:	PAUL W. MARTIN
SIGNATURE:	/Paul W. Martin/
DATE SIGNED:	06/26/2015
Total Attachments: 12	
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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:

'TERMINAL'

and identified by NCR Corporation Docket No. **15-212-D**, the specification of which:

- a. is attached hereto
- b. was filed on _____ as United States Application Number or PCT International Application Number _____ 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, **Steven J Birnie of 2 Gauldie Place, Dundee DD3 0RY, Scotland, United Kingdom**, (hereinafter called "the inventor"), have invented certain new and useful improvements in **TERMINAL**, Docket No. **15-212-D** (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 same date herewith, 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 206 Marylebone Road, London NW1, 6LY, United Kingdom; and

WHEREAS, NCR Corporation, a corporation of the State of Maryland, having its principal place of business at 3097 Satellite Boulevard, Duluth, Georgia 30096 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

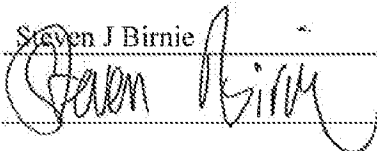
NOW, THEREFORE, to all whom it may concern be it known that I, the inventor, confirm the ownership by NCR Financial Solutions Group Limited of the invention and the application by operation of law under the United Kingdom Patents Act 1977 and if, under the law of the United States, or any other countries 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 29th day of April, 2015

Full name of inventor	Steven J Birnie	
Inventor's signature		Date: 29 th April 2015
Residence	2 Gauldie Place, Dundee DD3 0RY, Scotland, United Kingdom	
Post Office Address	Same as above	

Signed at Glenfarg, this 29th day of April, 2015

Signature Rory MacLeod
Name (print) Rory MacLeod
Title Head of International Patents
NCR Financial Solutions Group Limited

Signed at Delaware this 27th day of June, 2015
USA

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

United States Patent Application

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and identified by NCR Corporation Docket No. **15-212-D**, the specification of which:

- a. is attached hereto
- b. was filed on _____ as United States Application Number or PCT International Application Number _____ 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, **Marshall Munro of 4 Middlebank Close, Dunfermline KY11 8LT, Scotland, United Kingdom**, (hereinafter called "the inventor"), have invented certain new and useful improvements in **TERMINAL**, Docket No. **15-212-D** (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 same date herewith, 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 206 Marylebone Road, London NW1, 6LY, United Kingdom; and

WHEREAS, NCR Corporation, a corporation of the State of Maryland, having its principal place of business at 3097 Satellite Boulevard, Duluth, Georgia 30096 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 29th day of April, 2015

Full name of inventor	Marshall Munro	
Inventor's signature	<i>M. Munro</i>	Date: 29 th April 2015
Residence	4 Middlebank Close, Dunfermline KY11 8LT, Scotland, United Kingdom	
Post Office Address	Same as above	

Signed at Glenfarg, this 29th day of April, 2015

Signature Rory MacLeod
Name (print) Rory MacLeod
Title Head of International Patents
NCR Financial Solutions Group Limited

Signed at Delaware this 27th day of June, 2015
USA

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

United States Patent Application
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and identified by NCR Corporation Docket No. **15-212-D**, the specification of which:

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- b. was filed on _____ as United States Application Number or PCT International Application Number _____ and was amended on _____ (if applicable), which I have reviewed and for which I solicit a United States patent.

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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, **Stephen W Swaine of Hill of Errol Farmhouse, Hill of Errol, Errol, Perthshire PH2 7TQ, Scotland, United Kingdom**, (hereinafter called "the inventor"), have invented certain new and useful improvements in **TERMINAL**, Docket No. **15-212-D** (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 same date herewith, 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 206 Marylebone Road, London NW1, 6LY, United Kingdom; and

WHEREAS, NCR Corporation, a corporation of the State of Maryland, having its principal place of business at 3097 Satellite Boulevard, Duluth, Georgia 30096 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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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 29th day of April, 2015

Full name of inventor	Stephen W Swaine	
Inventor's signature		Date: 29 th April 2015
Residence	Hill of Errol Farmhouse, Hill of Errol, Errol, Perthshire PH2 7TQ, Scotland, United Kingdom	
Post Office Address	Same as above	

Signed at Glenfarg, this 29th day of April, 2015

Signature Rory MacLeod
Name (print) Rory MacLeod
Title Head of International Patents
NCR Financial Solutions Group Limited

Signed at Delaware this 27th day of June, 2015
USA

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