PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT2835645

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
GORDON CHISHOLM	04/29/2014
KEVIN HORGAN	04/29/2014
CAMPBELL BENN	04/29/2014

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:	14265603

CORRESPONDENCE DATA

Fax Number: (404)487-8949

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via

US Mail.

Phone: 678-808-5231

Email: PTOMail.Law@ncr.com NCR CORPORATION Correspondent Name:

Address Line 1: 3097 SATELITE BOULEVARD

BUILDING 700, 2ND FLOOR, LAW DEPARTMENT Address Line 2:

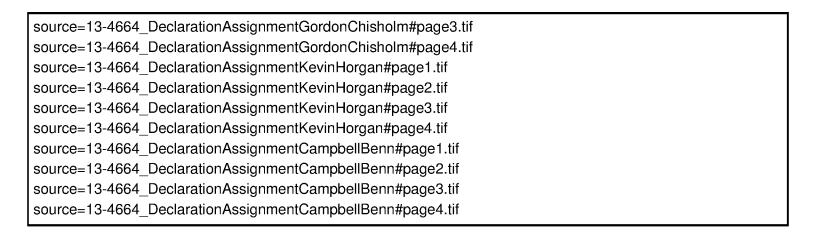
Address Line 4: DULUTH, GEORGIA 30096

ATTORNEY DOCKET NUMBER:	13-4664
NAME OF SUBMITTER:	PAUL W. MARTIN
SIGNATURE:	/Paul W. Martin/
DATE SIGNED:	04/30/2014

Total Attachments: 12

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PATENT REEL: 032787 FRAME: 0772 502789050



PATENT REEL: 032787 FRAME: 0773

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:

'Self-Service Terminal (SST) Secure Boot'

and iden	atified by NCR Corporation Docket No.13-4664, 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.			
•	state that I have reviewed and understand the contents of the above-identified ation, 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, Gordon Chisholm of 38 Cavendish Avenue, Perth, PH2 0JT, Scotland, United Kingdom, (hereinafter called "the inventor"), have invented certain new and useful improvements in 'Self-Service Terminal (SST) Secure Boot', Docket No. 13-4664 (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

1

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, 2014

Full name of inventor Gordon Chisholm

Inventor's signature

Residence

Post Office Address

Date: 29th April 2014

38 Cavendish Avenue, Perth, PH2 0JT, Scotland, United Kingdom

Same as above

Signed at Dundee, this 29th day of April, 2014

Signature

Name (print) Rory MacLeod

Title Head of International Patents

Roy Machead

NCR Financial Solutions Group Limited

Signed at During this 29th day of APRIL, 2014

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:

'Self-Service Terminal (SST) Secure Boot'

and	d iden	tified by NCR Corporation Docket No.13-4664, the specification of which:
a.	\boxtimes	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.
Th	e abov	re-identified application was made or authorized to be made by me.
	-	state that I have reviewed and understand the contents of the above-identified tion, including the claims, as amended by any amendment referred to above.
		re of and do hereby acknowledge the duty to disclose all information, which is material ability 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		

ASSIGNMENT OF UNITED STATES PATENT APPLICATION

under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

WHEREAS, I, Kevin Horgan of 28 Elcho Drive, Broughty Ferry, Dundee DD53TB, Scotland, United Kingdom, (hereinafter called "the inventor"), have invented certain new and useful improvements in 'Self-Service Terminal (SST) Secure Boot', Docket No. 13-4664 (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

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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, 2014

Full name of inventor
Inventor's signature
Residence

Residence

Post Office Address

Keyin Horgan

Date: 29th April 2014

28 Elcho Drive, Broughty Ferry, Dundee DD53TB, Scotland, United Kingdom

Same as above

Signed at Dundee, this 29th day of April, 2014

Signature

Name (print) Rory MacLeod

Title Head of International Patents

NCR Financial Solutions Group Limited

Signed at Murach this 29th day of APRIL, 2014

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:

'Self-Service Terminal (SST) Secure Boot'

an	d iden	tified by NCR Corporation Docket No.13-4664, the specification of which:
a.	\boxtimes	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.		
	•	state that I have reviewed and understand the contents of the above-identified tion, including the claims, as amended by any amendment referred to above.
		are of and do hereby acknowledge the duty to disclose all information, which is material ability 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, Campbell Benn of 3 Glamis Terrace, Dundee DD2 1NA, Scotland, United Kingdom, (hereinafter called "the inventor"), have invented certain new and useful improvements in 'Self-Service Terminal (SST) Secure Boot', Docket No. 13-4664 (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, 2014

Full name of inventor	Campbell Benn	
Inventor's signature	Caylett do	Date: 29 th April 2014
Residence	3 Glamis Terrace, Dundee D	D2 1NA, Scotland, United Kingdom
Post Office Address	Same as above	

Signed at Dundee, this 29th day of April, 2014

Signature

Name (print) Rory MacLeod

Title Head of International Patents

NCR Financial Solutions Group Limited

Signed at Dunnited this 29th day of APRIL, 2014

Signature

Name (print) Paul W Martin

Title Senior Attorney

NCR Corporation