

RECORDATION FORM COVER SHEET
PATENTS ONLY

Atty Ref/Docket No.: 1592.181US1

Patent and Trademark Office

To the Director of the U.S. Patent and Trademark Office: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Lyle Howard Sandler, William Lidwell, Jill Butler,
Mariel Pina, Jared Thorn

Additional name(s) of conveying party(ies) attached?

☐ Yes ☒ No

2. Name and address of receiving party(ies):

Name: NCR Corporation

Street Address: NCR Corporation, Law Dept.
3097 Satellite Blvd, 2nd FloorCity: Duluth State: GA Zip: 30096Country: United States of America

3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement ☐ Change of Name☐ OtherAdditional name(s) & address(es) attached? ☐ Yes ☒ NoExecution Date: January 24, 2013, January 15, 2013,
January 15, 2013, January 15, 2013, January 15, 2013

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s)

B. Patent No.(s)

Serial No. 13/739,474, filed January 11, 2013

Additional numbers attached? ☐ Yes ☒ No5. Name and address of party to whom correspondence
concerning document should be mailed:Name: Joseph P. Mehrle

Address:

Schwegman, Lundberg & Woessner, P.A.
P.O. Box 2938
Minneapolis, MN 55402--09386. Total number of applications and patents involved: 17. Total fee (37 CFR 3.41): \$ 40.00☐ Enclosed☒ Authorized to be charged to deposit account
14-02258. Please charge any additional fees or credit any over
payments to our Deposit Account No.: 14-0225

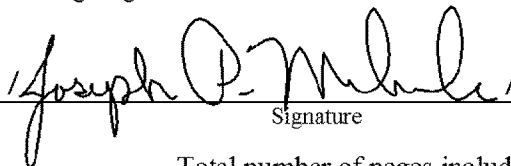
DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy
of the original document.

Joseph P. Mehrle/Reg. No. 45,535

Name of Person Signing



Signature

01-29-2013

Date

Total number of pages including cover sheet: 8

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents and Trademarks
Mail Stop Assignment Recordation Services
P.O. Box 1450
Alexandria, VA 22313-1450**PATENT****700499854****REEL: 029726 FRAME: 0767**

CH \$40.00 140225 13739474

Attorney Docket No. 1592.181US1
Client Ref. No. 12-149US

ASSIGNMENT

WHEREAS, Lyle Howard Sandler, William Lidwell, Jill Butler, Mariel Pina and Jared Thorn (hereinafter the "Undersigned") have made one or more inventions and other subject matter (hereinafter collectively referred to as the "Invention") which are described in a patent application filed on January 11, 2013, which application was assigned US patent application serial number 13/739,474, and which is titled TECHNIQUES FOR TRANSACTING VIA AN ANIMATED ASSISTANT; which are described in a provisional patent application filed on January 11, 2012, which application was assigned US application serial number 61/585,312, and which is titled ESSENTIAL SERVICES ASSISTANT.

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency, and adequacy of which are hereby acknowledged by the Undersigned, the Undersigned do hereby irrevocably and unconditionally:

CONVEY, ASSIGN, AND TRANSFER to NCR Corporation (the "Assignee"), a corporation of the State of Maryland, having a place of business at NCR Corporation, Law Dept., 3097 Satellite Blvd, 2nd Floor, Duluth, GA 30096, the Undersigned's entire right, title, and interest for the United States and all foreign countries and jurisdictions in and to:

the Invention which is disclosed in the above-identified application or applications (including the provisional application 61/585,312);

such application or applications, provisional applications, and all divisional, continuing (including continuation-in-part), substitute, renewal, reissue, and all other applications for a patent or patents which have been or shall be filed in the United States (including all provisional and non-provisional applications), and in all foreign countries and jurisdictions based in whole or in part on any of such Invention (including any application for a utility model or an innovation patent application);

all original and reissued patents which have been or shall be issued in the United States and all foreign countries and jurisdictions based in whole or in part on any of such Invention;

including the right to claim priority to the above-identified patent application or applications in relation to subject matter based in whole or in part on the above-identified patent application or applications and any of the foregoing including the right to file foreign applications under the provisions of any convention or treaty;

and including the right to all causes of action, remedies, and other enforcement rights related to the above-identified application or applications, including without limitation the right to sue for past, present, or future infringement, misappropriation, or violation of any and all rights related to the above-identified patent application or applications and any of the foregoing, including the right to obtain and collect damages for past, present, or future infringement;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such Invention to the Assignee;

Assignment

Assignors: Lyle Howard Sandler et al.

Title: TECHNIQUES FOR TRANSACTING VIA AN ANIMATED ASSISTANT

Page 2 of 7

Docket No: 1592.181US1

Client Ref. No. 12-149US

AUTHORIZE AND REQUEST that any attorney associated with U.S. Patent and Trademark Office (USPTO) Customer No. 107681 may (directly or through his/her designee) delete, insert, or alter any information related to the above-identified patent application or applications or any of the foregoing, after execution of this Assignment;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or shall be made to others by the Undersigned, and that the full right to convey the same as herein expressed is possessed by the Undersigned;

COVENANT, that when requested and without compensation, but at the expense of the Assignee, in order to carry out in good faith the intent and purpose of this Assignment, the Undersigned shall (1) execute all provisional, non-provisional, divisional, continuing (including continuation-in-part), substitute, renewal, reissue, and all other patent applications for the Invention; (2) execute all rightful oaths, declarations, assignments, powers of attorney and other papers for the Invention; (3) communicate to the Assignee all facts known to the Undersigned relating to the Invention and the history thereof; (4) cooperate with the Assignee in any interference, reexamination, reissue, opposition, dispute, or litigation involving any of the applications or patents for the Invention; and (5) take such further actions as the Assignee shall reasonably consider necessary or desirable for vesting title to such Invention in the Assignee, or for securing, maintaining and enforcing proper patent protection for the Invention;

COVENANT, that should any provision of this agreement be held unenforceable by an authority of competent jurisdiction, such a ruling shall not affect the validity and enforceability of the remaining provisions. To the extent that any such provision is found to be unenforceable, the Undersigned, when requested and without compensation shall act in good faith to substitute for such provision a new provision with content and purpose as close as possible to the provision deemed unenforceable.

THIS AGREEMENT IS TO BE BINDING on the heirs, assigns, representatives, and successors of the Undersigned, and is to extend to the benefit of the successors, assigns, and nominees of the Assignee.

AGREED as of the date of my signature below:

PATENT**REEL: 029726 FRAME: 0769**

Assignment

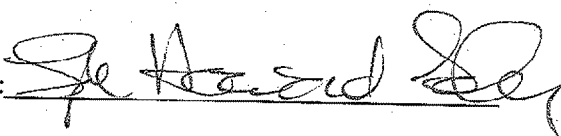
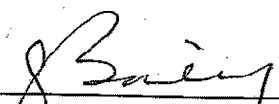
Assignors: Lyle Howard Sandler et al.

Title: TECHNIQUES FOR TRANSACTING VIA AN ANIMATED ASSISTANT

Page 3 of 7

Docket No: 1592.181US1

Client Ref. No. 12-149US

Assignor:(Signature): Name: Lyle Howard SandlerCity/State: Morganville, NJDate: 1/24/2013(Witness Signature): Print Name: CHANAD BaileyEXECUTED on 1/24/2013 (date)

PATENT

REEL: 029726 FRAME: 0770

Assignment

Assignors: Lyle Howard Sandler et al.

Title: TECHNIQUES FOR TRANSACTING VIA AN ANIMATED ASSISTANT

Page 4 of 7

Docket No: 1592.181US1

Client Ref. No. 12-149US

Assignor:

(Signature):

Name: William LidwellCity/State: Houston, TXDate: 111512013

(Witness Signature):



Print Name:

Ross W. MasonEXECUTED on 111512013(date)**PATENT****REEL: 029726 FRAME: 0771**

Assignment


Assignors: Lyle Howard Sandler et al.

Title: TECHNIQUES FOR TRANSACTING VIA AN ANIMATED ASSISTANT

Page 5 of 7

Docket No: 1592.181US1

Client Ref. No. 12-149US

Assignor:(Signature): Name: Jill ButlerCity/State: Houston, TXDate: 15 JANUARY 2013(Witness Signature): Print Name: WILLIAM LIDWELLEXECUTED on 1/15/2013 (date)**PATENT****REEL: 029726 FRAME: 0772**

Assignment

Assignors: Lyle Howard Sandler et al.

Title: TECHNIQUES FOR TRANSACTING VIA AN ANIMATED ASSISTANT


Page 6 of 7

Docket No: 1592.181US1

Client Ref. No. 12-149US

Assignor:

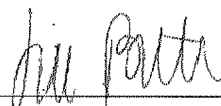
(Signature):

Name: Mariel PinaCity/State: Houston, TX

Date:

1/15/13

(Witness Signature):



Print Name:

JILL BUTLER

EXECUTED on

1/15/2013

(date)

PATENT**REEL: 029726 FRAME: 0773**

Assignment

Assignors: Lyle Howard Sandler et al.

Title: TECHNIQUES FOR TRANSACTING VIA AN ANIMATED ASSISTANT

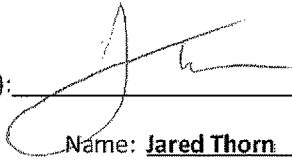
Page 7 of 7

Docket No: 1592.181US1

Client Ref. No. 12-149US

Assignor:

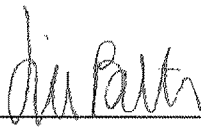
(Signature):

Name: Jared ThornCity/State: Houston, TX

Date:

1/15/13

(Witness Signature):



Print Name:

JILL BUTLEREXECUTED on 1/15/2013 (date)**PATENT****RECORDED: 01/30/2013****REEL: 029726 FRAME: 0774**