

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT3193768

|                                                                                                                                                                                                 |                                             |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|
| <b>SUBMISSION TYPE:</b>                                                                                                                                                                         | NEW ASSIGNMENT                              |
| <b>NATURE OF CONVEYANCE:</b>                                                                                                                                                                    | ASSIGNMENT                                  |
| <b>CONVEYING PARTY DATA</b>                                                                                                                                                                     |                                             |
| <b>Name</b>                                                                                                                                                                                     | <b>Execution Date</b>                       |
| RICK A. HAMILTON II                                                                                                                                                                             | 01/05/2015                                  |
| NEAL M. KELLER                                                                                                                                                                                  | 01/03/2015                                  |
| BRIAN M. O'CONNELL                                                                                                                                                                              | 01/14/2015                                  |
| CLIFFORD A. PICKOVER                                                                                                                                                                            | 01/01/2015                                  |
| KEITH R. WALKER                                                                                                                                                                                 | 01/02/2015                                  |
| <b>RECEIVING PARTY DATA</b>                                                                                                                                                                     |                                             |
| <b>Name:</b>                                                                                                                                                                                    | International Business Machines Corporation |
| <b>Street Address:</b>                                                                                                                                                                          | New Orchard Road                            |
| <b>City:</b>                                                                                                                                                                                    | Armonk                                      |
| <b>State/Country:</b>                                                                                                                                                                           | NEW YORK                                    |
| <b>Postal Code:</b>                                                                                                                                                                             | 10504                                       |
| <b>PROPERTY NUMBERS Total: 1</b>                                                                                                                                                                |                                             |
| <b>Property Type</b>                                                                                                                                                                            | <b>Number</b>                               |
| <b>Application Number:</b>                                                                                                                                                                      | 14602728                                    |
| <b>CORRESPONDENCE DATA</b>                                                                                                                                                                      |                                             |
| <b>Fax Number:</b>                                                                                                                                                                              | (703)848-2981                               |
| <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>Email:</b>                                                                                                                                                                                   | garana@rmsclaw.com                          |
| <b>Correspondent Name:</b>                                                                                                                                                                      | ANDREW M. CALDERON                          |
| <b>Address Line 1:</b>                                                                                                                                                                          | 7918 JONES BRANCH DRIVE, SUITE 500          |
| <b>Address Line 4:</b>                                                                                                                                                                          | MCLEAN, VIRGINIA 22102                      |
| <b>ATTORNEY DOCKET NUMBER:</b>                                                                                                                                                                  | END920070458US3                             |
| <b>NAME OF SUBMITTER:</b>                                                                                                                                                                       | ANDREW M. CALDERON                          |
| <b>SIGNATURE:</b>                                                                                                                                                                               | /Andrew M. Calderon/                        |
| <b>DATE SIGNED:</b>                                                                                                                                                                             | 01/22/2015                                  |
| This document serves as an Oath/Declaration (37 CFR 1.63).                                                                                                                                      |                                             |
| <b>Total Attachments: 10</b>                                                                                                                                                                    |                                             |
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**DECLARATION (37 C.F.R. 1.63) FOR UTILITY PATENT APPLICATION USING AN  
APPLICATION DATA SHEET (37 C.F.R. 1.76) AND ASSIGNMENT**

Title of Invention: SYSTEM AND METHOD FOR VIRTUAL ENVIRONMENT PRESERVATION  
BASED ON AUTOMATED ITEM REDUCTION

As a below named and undersigned inventor, I hereby declare that:

This declaration is directed to the attached application, or (if following box is checked):

☐ United States application or PCT international application number \_\_\_\_\_  
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The above-identified application was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the  
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I have reviewed and understand the contents of the application, including the claims.

I am aware of the duty to disclose to the United States Patent and Trademark Office all information  
known to me to be material to patentability as defined in 37 CFR Section 1.56.

Whereas, I ("ASSIGNOR") have made certain inventions, improvements, and discoveries (herein referred  
to as the "Invention") disclosed in the above-identified patent application and further identified by the  
IBM Docket Number provided above in the header of this document;

Whereas, International Business Machines Corporation (herein referred to as the "ASSIGNEE"), a  
corporation of New York having a place of business at Armonk, New York, desires to acquire, and I  
desire to grant to the ASSIGNEE, my entire worldwide right, title, and interest in and to the Invention and  
in and to any and all patent applications and patents directed thereto;

Now, therefore, for good and valuable consideration, the receipt and sufficiency thereof being hereby  
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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.

(1) Legal Name of Inventor: Rick A. HAMILTON II

Signature:  Date: 1/5/15

(2) Legal Name of Inventor: Neal M. KELLER

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

(3) Legal Name of Inventor: Brian M. O'CONNELL

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

(4) Legal Name of Inventor: Clifford A. PICKOVER

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

(5) Legal Name of Inventor: Keith R. WALKER

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Signature: \_\_\_\_\_ Date: \_\_\_\_\_

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Signature: Neal M. Keller Date: 1/3/2015

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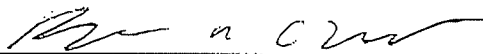
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Signature: Keith R. Walker Date: Jan. 2, 2015