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To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below:

<p><b>1. Name of conveying part(ies)/Execution Date(s):</b></p> <p>(1) PAUL M. GRECO <u>11/18/2005</u>                  (2) MELANIE J. SANDBERG <u>11/21/2005</u>                  (3) SCOTT J. SCHAFFER <u>11/21/2005</u></p> <p>Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p><b>2. Name and address of receiving party(ies):</b></p> <p><b>International Business Machines Corporation</b>  <b>New Orchard Road</b>  <b>Armonk, New York 10504</b></p>
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**3. Nature of conveyance:**

Assignment  Merger  
 Security Agreement  Change of Name  
 Government Interest Assignment  
 Executive Order 9242, Confirmatory License  
 Other \_\_\_\_\_

**4. Application or patent numbers(s):**  This document is being filed together with a new application.

A. Patent Application No.(s) 11/285,408 B. File Date: 11/22/2005

Additional numbers attached?  Yes  No

**5. Name and address to whom correspondence concerning document should be mailed:**

**Justin M. Dillon**  
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**6. Total number of applications and patents involved:** 1

**7. Total Fee (37 CFR 1.21.(h) & 3.41) \$ 40.00**

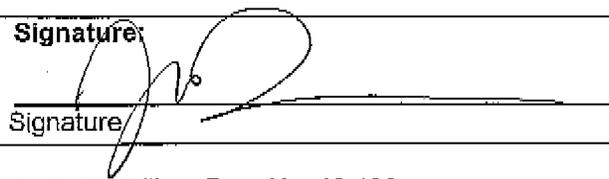
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**8. Payment Information**

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 Authorized User Name Dillon & Yudell LLP

**9. Signature:**

  
 Signature \_\_\_\_\_ Date 1-31-06

Justin M. Dillon, Reg. No. 42,486  
 Name of Person Signing

Total number of pages including cover: 3

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**ASSIGNMENT**

Whereas, we,

- (1) **PAUL M. GRECO** of TUCSON  
County of PIMA and State of ARIZONA
- (2) **MELANIE J. SANDBERG** of TUCSON  
County of PIMA and State of ARIZONA
- (3) **SCOTT J. SCHAFFER** of TUCSON  
County of PIMA and State of ARIZONA

have invented certain improvements in

**METHOD, SYSTEM AND APPARATUS FOR DYNAMICALLY VALIDATING A DATA ENCRYPTION OPERATION**

and executed, respectively, a United States patent application therefore on

- (Dates Inventors Signed Declaration) (1) Nov 18, (2005); (2) Nov 21, (2005);  
(3) Nov 21, (2005)

Whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at Armonk, New York 10504, (hereinafter called IBM), desires to acquire the entire right, title and interest in the said application and invention, and to any United States and foreign patents to be obtained therefore;

Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, we, the above named, hereby sell, assign, and transfer to IBM, its successors and assigns, the entire right, title and interest in the said application and invention therein disclosed for the United States and foreign countries, and all rights of priority resulting from the filing of said United States application, and we request the Commissioner of Patents to issue any Letters Patent granted upon the invention set forth in said application to IBM, its successors and assigns; and we hereby agree that IBM may apply for foreign Letters Patent on said invention and we will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by IBM.

(1) Signed at TUCSON on Nov 18, 2005.  
(City) (Date)

  
\_\_\_\_\_  
PAUL M. GRECO

TUC920050060US1

(2) Signed at Tucson on Nov 21, 2005.  
(City) (Date)

  
MELANIE J. SANDBERG

(3) Signed at Tucson on Nov 21, 2005.  
(City) (Date)

  
SCOTT J. SCHAFFER