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YOR920110361US2

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| 4. Application number(s) or patent number(s): | I document is being filed together with a new application. | |
| A. Patent Application No.(s): | B. Patent No.(s): | |
| 13/458,818 | | |
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| concerning document should be mailed: | and/or patents involved: I | |
| - | 7. Total fee (37 CFR 3.41):\$40.00 | |
| Name: Alan L. Stern, | | |
| Address: Harrington & Smith, | Enclosed | |
| Attorneys At Law, LLC | | |
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| Page 1 of 3. | | |

IBM DOCKET MUMBER: YOR920110361US2

ASSIGNMENT

Whereas, the undersigned (aventor(s) has/have made certain inventions; improvements, and discoveries (herein referred to as the "invention") in:

Title of the invention: Fully Homomorphic Encryption

and further identified by the IBM Docket Number provided above in the header of this Assignment, for which an application for a United States Patent was executed concurrently horewith or was filed having:

Application No.: 13/458.818 (insert series code /serial humber here if when available)

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

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[Inventor Signature Page(s) Follows]

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|------------------------|----------------|--------------------|
| Signature: | Card B. Genery | Date: July 15, Low |
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