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### PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:			NEW ASSIGNMENT		
NATURE OF CONVEYANCE:			ASSIGNMENT		
CONVEYING PARTY	DATA				
		N	lame	Execution Date	
JEFFREY B. LOTSPIECH				12/23/2013	
RECEIVING PARTY [	DATA				
Name:	INTERNATIO	INTERNATIONAL BUSINESS MACHINES CORPORATION			
Street Address:	NEW ORCHA	NEW ORCHARD ROAD			
City:	ARMONK	ARMONK			
State/Country:	NEW YORK	NEW YORK			
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Application Number: 1		141765	Number 14176515		
Application Number:		11 14 1 / hh			
		141700	010		
CORRESPONDENCE	E DATA	141700	010		
CORRESPONDENCE	E DATA	141700	513		
Fax Number: Phone:	212-	-837-600	00		
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Fax Number: Phone: Email: Correspondence will a Correspondent Name Address Line 1: Address Line 4:  ATTORNEY DOCKET  NAME OF SUBMITTE  Signature:	212- pate be sent via US Ma : HUG ONE NEV	-837-600 ents@hue ail when GHES HU	gheshubbard.com  the email attempt is unsuccessful.  UBBARD & REED LLP  ERY PARK PLAZA  5, NEW YORK 10004  ARC920130073US1 (01300)  STEPHEN KENNY  /Stephen Kenny/	ation (37 CFR 1.63).	

PATENT REEL: 032210 FRAME: 0466

# IBM DOCKET NUMBER: ARC920130073USI (632037-01300)

# DECLARATION (37 C.F.R. 1.63) FOR UTILITY PATENT APPLICATION USING AN APPLICATION DATA SHEET (37 C.F.R. 1.76) AND ASSIGNMENT

Take of Invention: COUNTERING SERVER-BASED ATTACKS ON ENCRYPTED

#### CONTENT

As a bolice mand and undersigned inventor. I hereby declare that
This declaration is directed to six estached application, or (if following box is checked):
[] Dipacel States application or PCC international application numberBled on
The above identified application was made or authorized to be made by mo.
I helieve that I am the original inventor or an original joint inventor of a claimed invention in the application.
These reviewed and understand the contents of the application, including the claims.
Languages of the duty to discluse 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.
and the second s

Whereas, 1 ("ASSIGNOR") have made certain inventions, improvements, and discoveries Gierein referred to so the "bivention") disclosed in the above-identified patent application and further identified by the IBM Docket Number provided above in the bander of this document:

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

Now, therefore, for good and valuable consideration, the receipt and sufficiency thereof being hereby acknowledged, I bereby sell or have sold, usign or have and good, and otherwise transfer or have transferred to the ASSIONEE, its successors, legal representatives, and assigns, my entire worldwide right, title, and interest in and to the Invention, the above-identified United States patent application, and any and all other patent applications and patents for the invention which may be applied for or granted therefor in the United States and in all foreign countries and prisdictions, including all divisions. confineditions, reissues, reasoninations, renewals, extensions, counterparts, substitutes, and extensions thereof, and all rights of priority resulting from the fitting of such applications and granting of such patents. In addition, thereby authorize and request the Director of the United States Patent and Tradelmark Office to issue any United States Patent, and foreign patent authorities to issue any foreign patent, granted for the invention, to the ASSIGNEE, its successors, legal representatives, and assigns, my entire worldwide right, title, and interest in and to the some to be held and enjoyed by the ASSIGNEE, its successors, legal representatives, and assigns to the full end of the terms for which any and all such patents roug be granted, as fully and entirely as would have been held and enjoyed by me had this Assignment and been made, and I agree to execute any and all documents and instruments and perform all lawful acts reasonably related to recording this Assignment or perfecting title to the Invention and all related patents and applications, in the ASSIGNEE, its successors, legal representatives, and assigns, whenever requested by the ASSIGNEE, its successors, legal representatives, or usugus.

Page 1 of 2

## IBM DOCKET NUMBER: ANC920130073USI (032037-01300)

t acknowledge my prior and engoing obligations to self-assign, and transfer my rights under this Assignment to the ASSIGNEE and are unaware of any reason why I may not have the full and unesconsisted right to sell, assign, and transfer my rights hereby sold, assigned, and transferred, and have per executed, and will not execute, any document or instrument in conflict herewith. Take hereby grant the ASSIGNEE, its auccessors, legal representatives, and assigns, the right to usert in this Assignment any turnise identification (including, but not limited to, putent Application Number) which may be necessary or desirable for recordation of this Assignment. This Assignment is governed by the enhagentive laws of the State of New York, and any disputes will be resolved in a New York state court or findered court sized in New York.

Thereby acknowledge that any willful fidse diatement made in this declaration is punishable under 18 U.S.E. 1001 by fine or insprisonment of not more than five (5) years, or both.

(1) Local Name of Inventor, Julievy B. Lotopiech

Page 2 of 2

**PATENT REEL: 032210 FRAME: 0468**