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Sheet	**1**	**of**	**9**	**Attorney Docket No: 5101-0005-C4**

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No.[1]	Document Number Number-Kind Code[2](if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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		4720860	01/19/1988	WEISS	
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		5065429	11/12/1991	LANG	
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		EP 1304848 A2	04/23/2003	MICROSOFT CORP		
		EP 1478156 A2	11/17/2004	SAMSUNG ELECTRONICS CO., LTD.		
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NON PATENT LITERATURE DOCUMENTS			
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		Barrett, Daniel and Sliverman, Richard, "SSH, The Secure Shell: The Definitive Guide, 2nd Edition", O'Reilly Media, Section 2.4, Section 3.3, Section 3.4, Section 6.1-6.7. May 1, 2005.	
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				Filing Date	
				First Named Inventor	Guy Fielder
				Art Unit	
				Examiner Name	
Sheet	**8**	**of**	**9**	**Attorney Docket No: 5101-0005-C4**	

		Schneier. B . "Why Cryptography is Harder Than it Looks". Counterpane Systems, www.counterpane.com/publish. html, 1997, (8 pages).	
		Sun et al.; "A New Design of Wearable Token System for Mobile Device Security"; IEEE Transactions on Consumer Electronics, vol. 54, no. 4; pp. 1784-1789; November 2008 (6 pages).	
		U.S. Department of Commerce, National Institute of Standards and Technology, "Secure Hash Standard", FIPS PUB 180-1, April 17, 1995. (24 pages).	
		Windows '95 Vulnerabilities, US Department of Energy, Computer Incident Advisory Committee, available at http://ftp. cerias.purdue.edu/pub/lists/academic-firewalls/academic-firewalls. 951224 (1995).	
		Yuill, J., Denning, D., Feer, F.; "Using Deception to Hide Things from Hackers: Processes, Principles, and Techniques", Journal of Information Warfare, (16 pages).	

EXAMINER SIGNATURE **DATE CONSIDERED**

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes ofUSPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by theUSPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

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Substitute for form 1449/PTO **INFORMATION DISCLOSURE STATEMENT BY APPLICANT** *(Use as many sheets as necessary)*				*Complete if Known*	
				Application Number	
				Filing Date	
				First Named Inventor	Guy Fielder
				Art Unit	
				Examiner Name	
Sheet	**9**	**of**	**9**	**Attorney Docket No: 5101-0005-C4**	

CERTIFICATION STATEMENT

Please see 37 CFR 1.97 and 1.98 to make the appropriate selection(s):

☐ That each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(1).

OR

☐ That no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(2).

☒ See attached certification statement.

☐ Fee set forth in 37 CFR 1.17 (p) has been submitted herewith.

☐ None

SIGNATURE

A signature of the applicant or representative is required in accordance with CFR 1.33, 10.18. Please see CFR 1.4(d) for the form of the signature.

Signature	/Tarek N. Fahmi/	Date (YYYY-MM-DD)	2017-01-06
Name/Print	Tarek N. Fahmi	Registration Number	41402

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR1.14. This collection is estimated to take 1 hour to complete, including gathering, preparing and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SENDFEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

Electronic Patent Application Fee Transmittal	
Application Number:	
Filing Date:	
Title of Invention:	SYSTEM AND METHOD FOR AUTHENTICATING USERS
First Named Inventor/Applicant Name:	Guy Fielder
Filer:	Tarek N. Fahmi/Sarah Zizzo
Attorney Docket Number:	5101-0005-C4
Filed as Small Entity	
Filing Fees for Utility under 35 USC 111(a)	

Description	Fee Code	Quantity	Amount	Sub-Total in USD($)
Basic Filing:				
UTILITY FILING FEE (ELECTRONIC FILING)	4011	1	70	70
UTILITY SEARCH FEE	2111	1	300	300
UTILITY EXAMINATION FEE	2311	1	360	360
Pages:				
Claims:				
Miscellaneous-Filing:				
Petition:				
Patent-Appeals-and-Interference:				

Description	Fee Code	Quantity	Amount	Sub-Total in USD($)
Post-Allowance-and-Post-Issuance:				
Extension-of-Time:				
Miscellaneous:				
		Total in USD ($)		**730**

Electronic Acknowledgement Receipt	
EFS ID:	27992068
Application Number:	15399983
International Application Number:	
Confirmation Number:	8554
Title of Invention:	SYSTEM AND METHOD FOR AUTHENTICATING USERS
First Named Inventor/Applicant Name:	Guy Fielder
Customer Number:	27571
Filer:	Tarek N. Fahmi/Sarah Zizzo
Filer Authorized By:	Tarek N. Fahmi
Attorney Docket Number:	5101-0005-C4
Receipt Date:	06-JAN-2017
Filing Date:	
Time Stamp:	13:11:40
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	CARD
Payment was successfully received in RAM	$730
RAM confirmation Number	010617INTEFSW13125300
Deposit Account	
Authorized User	
The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows:	

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Application Data Sheet	5101-0005-C4_ADS.pdf	1823636 2a0c23a81e2c099011c0c4f374918874f17fd669	no	9
Warnings:					
Information:					
2		5101-0005-C4_Specification.pdf	315053 d0c2c2f4f1d34b03732e32bc76146daae253be9b	yes	51

	Multipart Description/PDF files in .zip description		
	Document Description	**Start**	**End**
	Specification	1	48
	Claims	49	50
	Abstract	51	51

Warnings:					
Information:					
3	Drawings-only black and white line drawings	5101-0005-C4_Figures.pdf	389846 f2de5c6a34bc1ff514fdbd448ed162abfc8b3858	no	14
Warnings:					
Information:					
4	Oath or Declaration filed	5101-0005-C4_Declaration.pdf	51819 35dfc789539947343b0052b6e3589accc44ffbcf	no	1
Warnings:					
Information:					
5	Transmittal Letter	5101-0005-C4_IDS_Statement.pdf	73812 09b46c8095badae2aa859977ae3fd5f81daac973	no	2

Warnings:					
Information:					
6	Information Disclosure Statement (IDS) Form (SB08)	5101-0005-C4_IDS.pdf	296619 695773a9f232d79c0b331bca6e9334e12736438b	no	9
Warnings:					
Information:					
This is not an USPTO supplied IDS fillable form					
7	Fee Worksheet (SB06)	fee-info.pdf	34654 c8a164e6106e4cb233c4a1871d01b2094ffa5e93	no	2
Warnings:					
Information:					
		Total Files Size (in bytes):	2985439		

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

<u>New Applications Under 35 U.S.C. 111</u>
If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

<u>National Stage of an International Application under 35 U.S.C. 371</u>
If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

<u>New International Application Filed with the USPTO as a Receiving Office</u>
If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

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Application Data Sheet 37 CFR 1.76	Attorney Docket Number	5101-0005-C4
	Application Number	
Title of Invention	SYSTEM AND METHOD FOR AUTHENTICATING USERS	

The application data sheet is part of the provisional or nonprovisional application for which it is being submitted. The following form contains the bibliographic data arranged in a format specified by the United States Patent and Trademark Office as outlined in 37 CFR 1.76.
This document may be completed electronically and submitted to the Office in electronic format using the Electronic Filing System (EFS) or the document may be printed and included in a paper filed application.

Secrecy Order 37 CFR 5.2:

☐ Portions or all of the application associated with this Application Data Sheet may fall under a Secrecy Order pursuant to 37 CFR 5.2 (Paper filers only. Applications that fall under Secrecy Order may not be filed electronically.)

Inventor Information:

Inventor 1 — Remove

Legal Name

Prefix	Given Name	Middle Name	Family Name	Suffix
	Guy		Fielder	

Residence Information (Select One) ● US Residency Non US Residency Active US Military Service

City	Austin	State/Province	TX	Country of Residence	US

Mailing Address of Inventor:

Address 1	2616 Maria Anna Rd., Suite 500		
Address 2			
City	Austin	**State/Province**	TX
Postal Code	78703-1656	**Country**	US

All Inventors Must Be Listed - Additional Inventor Information blocks may be generated within this form by selecting the **Add** button. Add

Correspondence Information:

Enter either Customer Number or complete the Correspondence Information section below.
For further information see 37 CFR 1.33(a).

☐ **An Address is being provided for the correspondence Information of this application.**

Customer Number	27571		
Email Address	patents@ascendalaw.com	Add Email	Remove Email

Application Information:

Title of the Invention	SYSTEM AND METHOD FOR AUTHENTICATING USERS		
Attorney Docket Number	5101-0005-C4	**Small Entity Status Claimed**	☒
Application Type	Nonprovisional		
Subject Matter	Utility		
Total Number of Drawing Sheets (if any)	14	**Suggested Figure for Publication (if any)**	

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Application Data Sheet 37 CFR 1.76	Attorney Docket Number	5101-0005-C4
	Application Number	
Title of Invention	SYSTEM AND METHOD FOR AUTHENTICATING USERS	

Filing By Reference:

Only complete this section when filing an application by reference under 35 U.S.C. 111(c) and 37 CFR 1.57(a). Do not complete this section if application papers including a specification and any drawings are being filed. Any domestic benefit or foreign priority information must be provided in the appropriate section(s) below (i.e., "Domestic Benefit/National Stage Information" and "Foreign Priority Information").

For the purposes of a filing date under 37 CFR 1.53(b), the description and any drawings of the present application are replaced by this reference to the previously filed application, subject to conditions and requirements of 37 CFR 1.57(a).

Application number of the previously filed application	Filing date (YYYY-MM-DD)	Intellectual Property Authority or Country

Publication Information:

☐ Request Early Publication (Fee required at time of Request 37 CFR 1.219)

☐ **Request Not to Publish.** I hereby request that the attached application not be published under 35 U.S.C. 122(b) and certify that the invention disclosed in the attached application **has not and will not** be the subject of an application filed in another country, or under a multilateral international agreement, that requires publication at eighteen months after filing.

Representative Information:

Representative information should be provided for all practitioners having a power of attorney in the application. Providing this information in the Application Data Sheet does not constitute a power of attorney in the application (see 37 CFR 1.32).
Either enter Customer Number or complete the Representative Name section below. If both sections are completed the customer Number will be used for the Representative Information during processing.

Please Select One:	● Customer Number	US Patent Practitioner	○ Limited Recognition (37 CFR 11.9)
Customer Number	27571		

Domestic Benefit/National Stage Information:

This section allows for the applicant to either claim benefit under 35 U.S.C. 119(e), 120, 121, 365(c), or 386(c) or indicate National Stage entry from a PCT application. Providing benefit claim information in the Application Data Sheet constitutes the specific reference required by 35 U.S.C. 119(e) or 120, and 37 CFR 1.78.
When referring to the current application, please leave the "Application Number" field blank.

Prior Application Status	Pending		Remove
Application Number	Continuity Type	Prior Application Number	Filing or 371(c) Date (YYYY-MM-DD)
	Continuation of	15195606	2016-06-28

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Application Data Sheet 37 CFR 1.76	Attorney Docket Number	5101-0005-C4
	Application Number	
Title of Invention	SYSTEM AND METHOD FOR AUTHENTICATING USERS	

Prior Application Status	Patented				Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)	Patent Number	Issue Date (YYYY-MM-DD)
15195606	Continuation of	14861630	2015-09-22	9411972	2016-08-09
Prior Application Status	Patented				Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)	Patent Number	Issue Date (YYYY-MM-DD)
14861630	Continuation of	14228463	2014-03-28	9165153	2015-10-20
Prior Application Status	Patented				Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)	Patent Number	Issue Date (YYYY-MM-DD)
14228463	Continuation of	13203327	2011-08-25	8726032	2014-05-13
Prior Application Status	Expired				Remove
Application Number	Continuity Type	Prior Application Number	Filing or 371(c) Date (YYYY-MM-DD)		
13203327	a 371 of international	PCT/US10/28562	2010-03-25		
Prior Application Status	Expired				Remove
Application Number	Continuity Type	Prior Application Number	Filing or 371(c) Date (YYYY-MM-DD)		
PCT/US10/28562	Claims benefit of provisional	61163406	2009-03-25		
Additional Domestic Benefit/National Stage Data may be generated within this form by selecting the **Add** button.					Add

Foreign Priority Information:

This section allows for the applicant to claim priority to a foreign application. Providing this information in the application data sheet constitutes the claim for priority as required by 35 U.S.C. 119(b) and 37 CFR 1.55. When priority is claimed to a foreign application that is eligible for retrieval under the priority document exchange program (PDX)[i] the information will be used by the Office to automatically attempt retrieval pursuant to 37 CFR 1.55(i)(1) and (2). Under the PDX program, applicant bears the ultimate responsibility for ensuring that a copy of the foreign application is received by the Office from the participating foreign intellectual property office, or a certified copy of the foreign priority application is filed, within the time period specified in 37 CFR 1.55(g)(1).

			Remove
Application Number	Country[i]	Filing Date (YYYY-MM-DD)	Access Code[i] (if applicable)
Additional Foreign Priority Data may be generated within this form by selecting the **Add** button.			Add

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Application Data Sheet 37 CFR 1.76	Attorney Docket Number	5101-0005-C4
	Application Number	
Title of Invention	SYSTEM AND METHOD FOR AUTHENTICATING USERS	

Statement under 37 CFR 1.55 or 1.78 for AIA (First Inventor to File) Transition Applications

☐ This application (1) claims priority to or the benefit of an application filed before March 16, 2013 and (2) also contains, or contained at any time, a claim to a claimed invention that has an effective filing date on or after March 16, 2013.
NOTE: By providing this statement under 37 CFR 1.55 or 1.78, this application, with a filing date on or after March 16, 2013, will be examined under the first inventor to file provisions of the AIA.

Application Data Sheet 37 CFR 1.76	Attorney Docket Number	5101-0005-C4
	Application Number	
Title of Invention	SYSTEM AND METHOD FOR AUTHENTICATING USERS	

Authorization or Opt-Out of Authorization to Permit Access:

When this Application Data Sheet is properly signed and filed with the application, applicant has provided written authority to permit a participating foreign intellectual property (IP) office access to the instant application-as-filed (see paragraph A in subsection 1 below) and the European Patent Office (EPO) access to any search results from the instant application (see paragraph B in subsection 1 below).

Should applicant choose not to provide an authorization identified in subsection 1 below, applicant **must opt-out** of the authorization by checking the corresponding box A or B or both in subsection 2 below.

NOTE: This section of the Application Data Sheet is **ONLY** reviewed and processed with the **INITIAL** filing of an application. After the initial filing of an application, an Application Data Sheet cannot be used to provide or rescind authorization for access by a foreign IP office(s). Instead, Form PTO/SB/39 or PTO/SB/69 must be used as appropriate.

1. Authorization to Permit Access by a Foreign Intellectual Property Office(s)

A. Priority Document Exchange (PDX) - Unless box A in subsection 2 (opt-out of authorization) is checked, the undersigned hereby **grants the USPTO authority** to provide the European Patent Office (EPO), the Japan Patent Office (JPO), the Korean Intellectual Property Office (KIPO), the State Intellectual Property Office of the People's Republic of China (SIPO), the World Intellectual Property Organization (WIPO), and any other foreign intellectual property office participating with the USPTO in a bilateral or multilateral priority document exchange agreement in which a foreign application claiming priority to the instant patent application is filed, access to: (1) the instant patent application-as-filed and its related bibliographic data, (2) any foreign or domestic application to which priority or benefit is claimed by the instant application and its related bibliographic data, and (3) the date of filing of this Authorization. See 37 CFR 1.14(h)(1).

B. Search Results from U.S. Application to EPO - Unless box B in subsection 2 (opt-out of authorization) is checked, the undersigned hereby **grants the USPTO authority** to provide the EPO access to the bibliographic data and search results from the instant patent application when a European patent application claiming priority to the instant patent application is filed. See 37 CFR 1.14(h)(2).

The applicant is reminded that the EPO's Rule 141(1) EPC (European Patent Convention) requires applicants to submit a copy of search results from the instant application without delay in a European patent application that claims priority to the instant application.

2. Opt-Out of Authorizations to Permit Access by a Foreign Intellectual Property Office(s)

☐ A. Applicant **DOES NOT** authorize the USPTO to permit a participating foreign IP office access to the instant application-as-filed. If this box is checked, the USPTO will not be providing a participating foreign IP office with any documents and information identified in subsection 1A above.

☐ B. Applicant **DOES NOT** authorize the USPTO to transmit to the EPO any search results from the instant patent application. If this box is checked, the USPTO will not be providing the EPO with search results from the instant application.

NOTE: Once the application has published or is otherwise publicly available, the USPTO may provide access to the application in accordance with 37 CFR 1.14.

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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
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Application Data Sheet 37 CFR 1.76	Attorney Docket Number	5101-0005-C4
	Application Number	
Title of Invention	SYSTEM AND METHOD FOR AUTHENTICATING USERS	

Applicant Information:

Providing assignment information in this section does not substitute for compliance with any requirement of part 3 of Title 37 of CFR to have an assignment recorded by the Office.

Applicant 1 Remove

If the applicant is the inventor (or the remaining joint inventor or inventors under 37 CFR 1.45), this section should not be completed. The information to be provided in this section is the name and address of the legal representative who is the applicant under 37 CFR 1.43; or the name and address of the assignee, person to whom the inventor is under an obligation to assign the invention, or person who otherwise shows sufficient proprietary interest in the matter who is the applicant under 37 CFR 1.46. If the applicant is an applicant under 37 CFR 1.46 (assignee, person to whom the inventor is obligated to assign, or person who otherwise shows sufficient proprietary interest) together with one or more joint inventors, then the joint inventor or inventors who are also the applicant should be identified in this section.

Clear

● Assignee	Legal Representative under 35 U.S.C. 117	Joint Inventor
Person to whom the inventor is obligated to assign.	Person who shows sufficient proprietary interest	

If applicant is the legal representative, indicate the authority to file the patent application, the inventor is:

Name of the Deceased or Legally Incapacitated Inventor:

If the Applicant is an Organization check here. ☒

Organization Name	PACID TECHNOLOGIES, LLC		
Mailing Address Information For Applicant:			
Address 1	2616 Maria Anna Rd.		
Address 2	Suite 500		
City	Austin	**State/Province**	TX
Country	US	Postal Code	78703-1656
Phone Number		Fax Number	
Email Address			

Additional Applicant Data may be generated within this form by selecting the Add button. Add

Assignee Information including Non-Applicant Assignee Information:

Providing assignment information in this section does not substitute for compliance with any requirement of part 3 of Title 37 of CFR to have an assignment recorded by the Office.

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Application Data Sheet 37 CFR 1.76	Attorney Docket Number	5101-0005-C4
	Application Number	
Title of Invention	SYSTEM AND METHOD FOR AUTHENTICATING USERS	

Assignee 1

Complete this section if assignee information, including non-applicant assignee information, is desired to be included on the patent application publication. An assignee-applicant identified in the "Applicant Information" section will appear on the patent application publication as an applicant. For an assignee-applicant, complete this section only if identification as an assignee is also desired on the patent application publication.

Remove

If the Assignee or Non-Applicant Assignee is an Organization check here. ☐

Prefix	**Given Name**	Middle Name	**Family Name**	Suffix

Mailing Address Information For Assignee including Non-Applicant Assignee:

Address 1			
Address 2			
City		**State/Province**	
Country i		Postal Code	
Phone Number		Fax Number	
Email Address			

Additional Assignee or Non-Applicant Assignee Data may be generated within this form by selecting the Add button. Add

Signature:

Remove

NOTE: This Application Data Sheet must be signed in accordance with 37 CFR 1.33(b). **However, if this Application Data Sheet is submitted with the INITIAL filing of the application and either box A or B is not checked in subsection 2 of the "Authorization or Opt-Out of Authorization to Permit Access" section, then this form must also be signed in accordance with 37 CFR 1.14(c).**

This Application Data Sheet **must** be signed by a patent practitioner if one or more of the applicants is a **juristic entity** (e.g., corporation or association). If the applicant is two or more joint inventors, this form must be signed by a patent practitioner, **all** joint inventors who are the applicant, or one or more joint inventor-applicants who have been given power of attorney (e.g., see USPTO Form PTO/AIA/81) on behalf of **all** joint inventor-applicants.

See 37 CFR 1.4(d) for the manner of making signatures and certifications.

Signature	/Tarek N. Fahmi/			Date (YYYY-MM-DD)	2017-01-06
First Name	Tarek	Last Name	Fahmi	Registration Number	41402

Additional Signature may be generated within this form by selecting the Add button. Add

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Application Data Sheet 37 CFR 1.76	Attorney Docket Number	5101-0005-C4
	Application Number	
Title of Invention	SYSTEM AND METHOD FOR AUTHENTICATING USERS	

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Privacy Act Statement

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SYSTEM AND METHOD FOR AUTHENTICATING USERS

CROSS-REFERENCE TO RELATED APPLICATIONS

[0001] This is a CONTINUATION of and claims priority to U.S. Patent Application No. 15/195,606, filed June 28, 2016, which is a CONTINUATION of U.S. Patent Application No. 14/861,630, filed September 22, 2015, which is a CONTINUATION of U.S. Patent Application No. 14/228,463, filed March 28, 2014, which is a CONTINUATION of U.S. Patent Application No. 13/203,327, filed August 25, 2011, which is a 371 national stage filing of International Application PCT/USl0/28562, filed March 25, 2010, which claims priority to U.S. Provisional Application No. 61/163,406, filed March 25, 2009, each of which is incorporated herein by reference.

BACKGROUND

[0002] The computer system assists in managing (*e.g.*, storing, organizing, and communicating) a large amount of information. Some of the information managed by a computer system is confidential. In other words, access to such information is intended to be limited. Traditional protection schemes attempt to prevent unauthorized users from accessing the confidential information by requiring that a user provide authentication credential(s), for example a username and password, at a predefined entry point, to access an account that includes the confidential information. Protecting only the predefined entry points, however, fails to account for nefarious individuals creating other entry points by exploiting computer system vulnerabilities. For example, knowledge of a user's hardware and software system, system configuration, types of network connections, etc. may be used to create an entry point and gain access to the confidential information.

[0003] In order to prevent unauthorized access to the confidential information, the confidential information may be encrypted. Encryption is a process of transforming the clear text confidential information into an encrypted format that is unreadable by anyone or anything that does not possess a corresponding

decryption key. An encryption algorithm and an encryption key are used to perform the transformation. Encryption technology is classified into two primary technology types: symmetric encryption technology and asymmetric encryption technology. Symmetric encryption technology uses the same encryption key to both encrypt and decrypt confidential information. Asymmetric encryption technology uses a pair of corresponding encryption keys: this key pair share a relationship such that data encrypted using one encryption key can only be decrypted using the other encryption key of the pair.

BRIEF DESCRIPTION OF DRAWINGS

[0004] Fig. 1 shows a schematic diagram of a system in accordance with one or more embodiments of the invention.

[0005] Figs. 2A-5B show flowcharts in accordance with one or more embodiments of the invention.

[0006] Figs. 6A-7E show examples in accordance with one or more embodiments of the invention.

[0007] Fig. 8 shows a computing device in accordance with one or more embodiments of the invention.

DETAILED DESCRIPTION

[0008] In general, in one aspect, the invention relates to a method for protecting a first secrets file. The method includes an n-bit generator generating a secrets file name for the secrets file and generating a decoy file names for decoy files. The secrets file includes a secret. Each of the decoy files includes decoy file contents, are a same size as the secrets file, and is associated with a modification time within a range of modification times. The modification time of the secrets file is within the range of modification times. The secrets file and decoy files are stored in a secrets directory.

[0009] In general, in one aspect, the invention relates to a method for encrypting communication. The method includes receiving a request to communicate with a group, obtaining a group agreed connect name corresponding to the group, obtaining a username and password of a user of a member connecting to the group, and generating a first message digest using the group agreed connect name, the username, the password, and an n-bit generator. The method further includes extracting a secrets file name from the first message digest, obtaining an encrypted secrets file from a secrets directory, decrypting the encrypted secrets file to obtain a secrets file using a secrets file encryption key obtained from the first message digest, generating a second message digest using the n-bit generator and a first secret and a second secret from the secrets file, and encrypting communication between the member and the group using an encryption key obtained, at least in part, from the second message digest.

[0010] In general, in one aspect, the invention relates to a computing device for protecting a secrets file that includes a processor, a memory, and software instructions stored in memory. The software instructions cause the computing device to generate a secrets file name for the secrets file and generating a decoy file names for decoy files. The secrets file includes a secret. Each of the decoy files includes decoy file contents, are a same size as the secrets file, and is associated with a modification time within a range of modification times. The modification time of the secrets file is within the range of modification times. The secrets file and decoy files are stored in a secrets directory.

[0011] In general, in one aspect, the invention relates to a computing device for protecting a secrets file that includes a processor, a memory, and software instructions stored in memory. The software instructions cause the computing device to receive a request to communicate with a group, obtain a group agreed connect name corresponding to the group, obtain a username and password of a user of a member connecting to the group, and generate a first message digest using the group agreed connect name, the username, the password, and an n-bit

generator. The software instructions further cause the computing device to extract a secrets file name from the first message digest, obtain an encrypted secrets file from a secrets directory, decrypt the encrypted secrets file to obtain a secrets file using a secrets file encryption key obtained from the first message digest, generate a second message digest using the n-bit generator and a first secret and a second secret from the secrets file, and encrypt communication between the member and the group using an encryption key obtained, at least in part, from the second message digest.

[0012] In general, in one aspect, the invention relates to a computer readable medium comprising computer readable program code embodied therein for causing a computer system to perform a method for protecting a first secrets file. The method includes an n-bit generator generating a secrets file name for the secrets file and generating a decoy file names for decoy files. The secrets file includes a secret. Each of the decoy files includes decoy file contents, are a same size as the secrets file, and is associated with a modification time within a range of modification times. The modification time of the secrets file is within the range of modification times. The secrets file and decoy files are stored in a secrets directory.

[0013] In general, in one aspect, the invention relates to a computer readable medium comprising computer readable program code embodied therein for causing a computer system to perform a method for protecting a first secrets file. The method includes receiving a request to communicate with a group, obtaining a group agreed connect name corresponding to the group, obtaining a username and password of a user of a member connecting to the group, and generating a first message digest using the group agreed connect name, the username, the password, and an n-bit generator. The method further includes extracting a secrets file name from the first message digest, obtaining an encrypted secrets file from a secrets directory, decrypting the encrypted secrets file to obtain a secrets file using a secrets file encryption key obtained from the first message digest, generating a second message digest using the n-bit

generator and a first secret and a second secret from the secrets file, and encrypting communication between the member and the group using an encryption key obtained, at least in part, from the second message digest.

[0014] Specific embodiments of the invention will now be described in detail with reference to the accompanying figures. Like elements in the various figures are denoted by like reference numerals for consistency.

[0015] In the following detailed description of embodiments of the invention, numerous specific details are set forth in order to provide a more thorough understanding of the invention. However, it will be apparent to one of ordinary skill in the art that the invention may be practiced without these specific details. In other instances, well-known features have not been described in detail to avoid unnecessarily complicating the description.

[0016] In general, embodiments of the invention relate to securing communication between members of a group, where each member is a computing device. In one or more embodiments of the invention, the group is two or more members that share (or intend to share) confidential information. The confidential information may be transmitted as communication (or portion thereof). Examples of communications include, but are not limited to, short messaging service (SMS) messages, electronic mail (e-mail), chat messages, audio messages, graphics, audio-visual messages (*e.g.*, video file, streaming video, etc.). As used herein, a communication is encrypted when at least a portion of the communication is encrypted.

[0017] In one embodiment of the invention, a computing device is any physical or virtual device that may be used to perform embodiments of the invention. The physical device may correspond to any physical system with functionality to implement one or more embodiments of the invention. For example, the physical device may be implemented on a general purpose computing device (*i.e.*, a device with a processor(s) and an operating system) such as, but not

limited to, a desktop computer, a laptop computer, a gaming console, a mobile device (*e.g.*, smart phone, a personal digital assistant, gaming device).

[0018] Alternatively, the physical device may be a special purpose computing device that includes an application-specific processor(s)/hardware configured to only execute embodiments of the invention. In such cases, the physical device may implement embodiments of the invention in hardware as a family of circuits and limited functionality to receive input and generate output in accordance with various embodiments of the invention. In addition, such computing devices may use a state-machine to implement various embodiments of the invention.

[0019] In another embodiment of the invention, the physical device may correspond to a computing device that include both a general purposes processor(s) and an application-specific processor(s)/hardware. In such cases, one or more portions of the invention may be implemented using the operating system and general purpose processor(s) and one or more portions of the invention may be implemented using the application-specific processor(s)/hardware.

[0020] The virtual device may correspond to a virtual machine. Broadly speaking, the virtual machines are distinct operating environments configured to inherit underlying functionality of the host operating system (and access to the underlying host hardware) via an abstraction layer. In one or more embodiments of the invention, a virtual machine includes a separate instance of an operating system, which is distinct from the host operating system. For example, one or more embodiments of the invention may be implemented on VMware® architectures involving: (i) one or more virtual machines executing on a host computer system such that each virtual machine serves as host to an instance of a guest operating system; and (ii) a hypervisor layer serving to facilitate intra-host communication between the one or more virtual machines and host computer system hardware. Alternatively, one or more embodiments of the invention may be implemented on Xen® architectures involving: (i) a

control host operating system (*e.g.*, Dom 0) including a hypervisor; and (ii) one or more VMs (*e.g.*, Dom U) executing guest operating system instances. The invention is not limited to the aforementioned exemplary architectures VMware® is a registered trademark of VMware, Inc. Xen® is a trademark overseen by the Xen Project Advisory Board.

[0021] Each of the members may be used by, for example, an individual, a business entity, a family, any other entity, or any combination thereof. For example, a group may have members John Smith's computing device and Jane Doe's computing device. As another example, a group may have members John Smith's smart phone, John Smith's personal computer, and John Smith's gaming console. As another example, a group may have members John Smith's computing device, Jane Smith's computing device, and the servers of the Smith's financial advisors. Other possible groups may exist without departing from the scope of the invention.

[0022] In one or more embodiments of the invention, each member creates a secrets file that has secret(s). The name of the secrets file and the secret is generated by an n-bit generator. The secret(s) is used to secure communications between the members of the group. The n-bit generator also generates decoy file names and decoy file contents for decoy files. The decoy files and the secrets file are stored together in the same secrets directory. Thus, the secrets file is indistinguishable from the decoy files. Whenever the secrets file is updated, each of the decoy files are also updated such that the secrets file remains indistinguishable from the decoy files.

[0023] Fig. 1 shows a schematic diagram of a system in accordance with one or more embodiments of the invention. As shown in Fig. 1, the system includes a security application (102) and a security directory (104). Both of these components are discussed below.

[0024] In one or more embodiments of the invention, each member includes a security application (102). The security application (102) on each member may

be instances of the same application, different versions of the same application, or different applications. Further, the security application may correspond to a complete program product or a programming module of another application. For example, the security application may be a part of and provide security for banking and/or commerce applications. In one or more embodiments of the invention, the security application (102) includes an n-bit generator (106), an encryption module (108), and a user interface (110). Each of the components of the security application (102) may be implemented in hardware, software, firmware, or a combination thereof. The components of the security application are discussed below.

[0025] In one or more embodiments of the invention, an n-bit generator (106) includes functionality to receive and process one or more inputs to generate a message digest. A message digest is a string of characters, which may be represented as a bit-string, in accordance with one or more embodiments of the invention. In one or more embodiments of the invention, the message digest is a bit string. Further, the n-bit generator includes functionality to generate a deterministic and repeatable message digest, which appears pseudo-random or random, in accordance with one or more embodiments of the invention. A pseudo-random output (*e.g.*, message digest) is output that is repeatable and predictable but appears random. Specifically, in one or more embodiments of the invention, although the message digest is repeatable and calculable when the inputs and the operations performed by the n-bit generator (106) are known, the message digest appears random. The apparent randomness may be with respect to someone who knows or does not know the inputs in accordance with one or more embodiments of the invention. Alternatively, or additionally, the apparent randomness may be with respect to someone who does not know the operations performed by the n-bit generator in accordance with one or more embodiments of the invention. In one or more embodiments of the invention, the message digest is deterministic in that a single output exists for a given set of inputs. Moreover, the message digest may be a fixed length. In other

words, regardless of the input length, the same n-bit generator (106) may produce a message digest with a fixed length.

[0026] The number of bits in the input to the n-bit generator may be different or the same as the number of bits in the output produced by the n-bit generator. For example, if the n-bit generator accepts n number of bits for input and produces m number of bits for output, m may be less than, equal to, or greater than n. Multiple iterations of the n-bit generator may be performed to construct an ever-increasing m-bit result that includes multiple message digests.

[0027] Further, the n-bit generator (106) includes functionality to generate a deterministic message digest. Specifically, the n-bit generator (106) has the following two properties. First, the n-bit generator (106) generates the same message digest when provided with the same input(s). Second, the n-bit generator generates, with a high probability, a different message digest when provided with different input(s). For example, a single bit change in the input may result in a significant change of the bits in the resulting message digest. In the example, the change may be fifty percent of the bits depending on the type of n-bit generator used. However, a greater percentage or less percentage of bits may change without departing from the scope of the invention.

[0028] The n-bit generator (106) may include multiple sub-routines, such as a bit shuffler (not shown) and a hash function (not shown). In one or more embodiments of the invention, the bit shuffler includes functionality to combine multiple inputs into a single output. Specifically, the bit shuffler applies a function to the bit level representation of inputs to generate a resulting set of output bits. The output of the bit shuffler may appear as a shuffling of bits in each of inputs and may or may not have the same ratio of 1's to 0's as the input. In one or more embodiments of the invention, the bit shuffling by the bit shuffler has a commutative property. In other words, the order that inputs are provided to the bit shuffler does not affect the output. For example, consider the scenario in which the inputs are input X, input Y, and input Z. Bit

shuffling on input X, input Y, and input Z produces the same output as bit shuffling on input Y, input Z, and input X.

[0029] In one embodiment of the invention, the bit shuffler may correspond to any function or series of functions for combining inputs. For example, the bit shuffler may correspond to the XOR function, the multiplication function, an addition function, or another function that may be used to combine inputs. As another example, the security application with the bit shuffler may correspond to a function that orders the inputs and then uses a non-commutative function to generate an output. The bit shuffler may correspond to other mechanisms for combining multiple inputs without departing from the scope of the invention.

[0030] In one or more embodiments of the invention, a hash function is a function that includes functionality to receive an input and produce a pseudo-random output. In one or more embodiments of the invention, the hash function may include functionality to convert a variable length input into a fixed length output. For example, the hash function may correspond to GOST, HAVAL, MD2, MD4, MD5, PANAMA, SNEERU, a member of the RIPEMD family of hash functions, a member of the SHA family of hash functions, Tiger, Whirlpool, S-Box, P-Box, any other hash function, or combination thereof.

[0031] Although the above description discusses the use of the bit shuffler prior to the hash function, in one or more embodiments of the invention, the hash function operations may be performed prior to the bit shuffler operations. For example, the hash function may be performed separately on each of the inputs to create hashed inputs. The hashed inputs may then be combined by the bit shuffler. Alternatively, the bit shuffler may be first performed on the inputs to create a single intermediate result before the intermediate result is provided to the hash function. The intermediate result may be stored to be used later to create subsequent message digests.

[0032] Further, in one or more embodiments of the invention, the n-bit generator includes a random character generator, such as a random number generator. The random character generator includes functionality to generate a random string of characters of a specified length. The n-bit generator may use the random character generator, for example, to generate the decoy file names (*e.g.*, 134A, 134X) and/or the decoy data (*e.g.*, 132A, 132X).

[0033] The n-bit generator (106) is operatively connected to an encryption module (108) in accordance with one or more embodiments of the invention. An encryption module (108) includes functionality to manage the encryption and decryption of information for the computing device. Specifically, the encryption module (108) includes functionality to request generation of a secrets file (112) (discussed below) and decoy files (*e.g.*, 114A, 114X) (discussed below). The encryption module (108) may further include functionality to update files in the security directory (104) (discussed below) so that all files in the secrets directory (104) appear indistinguishable from each other.

[0034] For example, the encryption module may include functionality to receive information, request one or more message digests from the n-bit generator (106), extract an encryption key from the one or more message digests, and/or encrypt the information using the encryption key. Alternatively, or additionally, the encryption module (108) may include functionality to receive encrypted information, request one or more message digests from the n-bit generator (106), extract an encryption key from the one or more message digests, and/or decrypt the encrypted information using the encryption key.

[0035] In one or more embodiments of the invention, the encryption module (108) is identically configured across all members of a group to request the same number of message digests. The configuration may be based, for example, on the type of communication, the encryption algorithm, and/or the type of data to be extracted from the message digest.

[0036] The encryption module (108) implements one or more encryption algorithms. In one or more embodiments of the invention, the encryption algorithm includes functionality to transform information in a clear text format into an encrypted format that is unreadable by anyone or anything that does not possess a corresponding encryption key. For example, the encryption algorithm may correspond to Data Encryption Algorithm (DEA) specified in the Data Encryption Standard (DES), Triple DES, Advanced Encryption Standard (AES), FEAL, SKIPJACK, any other encryption algorithm, or any combination thereof. In one or more embodiments of the invention, the encryption module implements only symmetric encryption algorithm(s).

[0037] Although not shown in Fig. 1, the encryption module (108) may also include or be operatively connected to an algorithm selector table (not shown). An algorithm selector table is a logical association between encryption algorithms and an algorithm identifier. The algorithm identifier may be, for example, a numeric, binary, or another such value. In one or more embodiments of the invention, all algorithm identifiers in a range are present. For example, the algorithm identifier may be a range of integers (e.g., 0…15), a sequence of binary values (e.g., 000, 001, 010,…111). Further, the same encryption algorithm may be associated with multiple algorithm identifiers in the table. For example, "0" may correspond to AES, "1" may correspond to Triple DES, "2" may correspond FEAL, and "3" may correspond to Triple DES. The use of the term, "table", is only to denote a logical representation, various data structures may be used to implement the algorithm selector table without departing from the scope of the invention.

[0038] Further, in one or more embodiments of the invention, the association between the encryption algorithm identifiers and the encryption algorithms is not based on a pre-defined ordering of encryption algorithms. Specifically, the association may be randomly defined.

[0039] The use of the term, "table", is only to denote a logical representation, various implementations of the algorithm selector table may be used without

departing from the scope of the invention. For example, the algorithm selector table may be implemented in computer instructions using a series of conditional statements. Specifically, when a conditional statement is satisfied, the code corresponding to the implementation of the encryption algorithm is executed. By way of another example, the algorithm selector table may be implemented as a data structure that associates the consecutive encryption algorithm identifiers with identifiers used by the security application for each of the encryption algorithms. The above are only a few examples of possible implementations for the algorithm selector table and not intended to limit the scope of the invention.

[0040] Further, all members associate the same encryption algorithm identifiers with the same corresponding encryption algorithms. For example, if one member associates "0" with AES, "1" with Triple DES, "2" with FEAL, and "3" with Triple DES, then the remaining members associates "0" with AES, "1" with Triple DES, "2" with FEAL, and "3" with Triple DES. Further, all members may or may not use the same implementation of the algorithm selector table.

[0041] In one or more embodiments of the invention, the algorithm selector table includes separate entries for each encryption algorithm and key length pair. In one or more embodiments of the invention, the encryption module may identify the encryption algorithm from the algorithm selector table and use the key length associated with the encryption algorithm to extract the appropriate number of bits for the encryption key. For example, an entry may exist for Blowfish with an encryption key length 256 bits and a separate entry may exist for Blowfish with an encryption key length of 384 bits. In the example, if the first entry is specified in the algorithm selector bits of the message digest (discussed below), then 256 bits are extracted from the message digest(s) for the encryption key. Alternatively, in the example, if the second entry is specified, then 384 bits are extracted from the message digest for the encryption key.

[0042] Further, each entry in the algorithm selector table may include a starting bit value. The starting bit value may be used to identify a first secret to use in the secrets repository or a starting bit for the encryption key in the message digest.

[0043] Alternatively, although not shown in Fig. 1, the system may include a key length table. The key length table may specify an identifier with a corresponding encryption key length. Similar to the algorithm selector table, multiple different possible implementations of the key length table may be used without departing from the scope of the invention. Further, all members of the group have the associations between key length identifiers and key lengths, but may not have the same implementation of key length table. For example, "1" may be associated with "256 bits", 2 may be associated with "128 bits", etc.

[0044] In one or more embodiment of the invention, when a key length table is used, the algorithm selector table may be used to specify the encryption algorithm, and the key length table may be used to specify the number of bits in the encryption key. Specifically, a key length field (discussed below) in the message digest may index the corresponding entry in the key length table. In one or more embodiments of the invention, if the specified encryption algorithm does not allow for variable key length, then the key length field in the message digest is ignored.

[0045] Continuing with the security application (102), in one or more embodiments of the invention, the user interface (110) includes functionality to communicate with a user of the computing device. For example, the user interface (110) may include functionality to guide a user through configuring the security application to communicate with one or more groups of which the computing device is a member. Further, the user interface (110) may include functionality to inform a user when another member of a group is requesting communication and provide the user with the option of allowing the communication with the user's computing device. The user interface (110) may include hardware and/or software components, such as information boxes,

menu buttons, drop down boxes, input boxes, hardware lights, hardware buttons, and/or other user interface components.

[0046] Although not shown in Fig. 1, the security application may include an application programming interface (API). The security application may be configured to communicate with other applications executing on the same or different computing devices using the API. Thus, for example, the API of member A may include functionality to communicate via the network with member B's security application. As another example, the API may include functionality to receive an encrypted format of a file and provide a clear text format of the file to another application executing on member A. Conversely, the API may include functionality to receive, from another application on member A, a clear text format of a file and provide an encrypted format of the file to another application executing on member A on member B.

[0047] In one or more embodiments of the invention, the security application (102) includes functionality to access and use a security directory (104). A security directory (104) is located within a file system for storage of the secrets file (112) and the decoy files (*e.g.*, 114A, 114X). Alternatively, the file system merely includes an access point for the security directory, which is stored on an external physical storage medium that is accessible via the file system (*e.g.,* the external physical storage medium is mounted to the file system). In one or more embodiments of the invention, the security directory (104) does not include any partitioning (*e.g.*, in the form of subdirectories or subfolders) of the secrets file (112) and the decoy files (*e.g.*, 114A, 114X). Further, in one or more embodiments of the invention, secrets files (112) and decoy files (*e.g.*, 114A, 114X) generated for different groups of users are not partitioned in the security directory (104). Alternatively, the security directory (104) may include a partitioning of files for each group of which the user is a member.

[0048] In one embodiment of the invention, the secrets directory (104) (or portions thereof) is located on an external device that is accessible to the security application. Examples of external devices include, but are not limited

to, a mobile phone, a smart phone, a personal digital assistant, a portable gaming device, a memory device (*e.g.,* any device with non-volatile memory) with a contactless interface (*e.g.,* a BlueTooth Interface), a memory device (*e.g.,* any device with non-volatile memory) with a contact interface (*e.g.,* a Universal Serial Bus (USB) interface), etc.

[0049] Although Fig. 1 shows the security directory (104) as only including the secrets file (112) and the decoy files (*e.g.*, 114A, 114X), the security directory (104) may include other files without departing from the scope of the invention. For example, the security directory (104) may include general files for the member, general files for a computer system (not shown) connected to the member, configuration files for the security application (102), and/or any other files. Further, the other files may or may not be in the same partition in the security directory as the secrets file (112) and the decoy files (*e.g.*, 114A, 114X).

[0050] The secrets file (112) is a file for storing secrets (118). Secrets in the secrets file (112) are shared secrets. Shared secrets (118) correspond to data known only to the members of the group. Specifically, the security application (102) of each member of the group independently generates the secrets (118) using an n-bit generator (106) and the same group agreed seed as inputs to the n-bit generator (106). The group agreed seed may be any password, passphrase, or series of characters agreed upon by members of the group or their corresponding users. For example, the group agreed seed may be "the cow jumped over the moon," "#8$#DsaVA(@12w@," or any other collection of characters (*e.g.*, symbols and/or alphanumeric characters).

[0051] In one or more embodiments of the invention, because each secret is generated by the n-bit generator (106), each secret is pseudo-random. For example, when interpreted in textual-based format, each secret appears as random string of characters (*e.g.*, ASCII symbols or any other character set used to represent characters).

[0052] In one or more embodiments of the invention, each security application generates the same set of secrets (118). Each secret (118) in the secrets file may be associated with a unique secret identifier. The unique secret identifier may be a consecutive integer specifying when the secret was generated. For example, the first generated secret may be associated with the number one, while the second generated may be associated with the number two, etc. The consecutive integer may be explicitly or implicitly associated with the secret. For example, the number one may be stored in the secrets file (112) with the first generated secret. Alternatively, the first generated secret may be in the first position in the secrets file to indirectly associate the first generated secret with the first integer.

[0053] Secrets (118) in the secrets file (112) are each associated with a given group and may be further organized according to type of communication in accordance with one or more embodiments of the invention. For example, secrets used for encryption in a chat session may be different than secrets used for encryption in an email communication. Alternatively or additionally, the secrets may be organized based on the clear text file format of a file to be encrypted. For example, secrets used to encrypt portable document formatted (PDF) files may be different than secrets used to encrypt extensible markup language (XML) files.

[0054] In one or more embodiments of the invention, each shared secret may include a static secret, a dynamic secret, or both a static secret and a dynamic secret. The static secret may remain unchanged throughout the lifetime of the group in accordance with one or more embodiments of the invention. For example, the static secret may be used to recover secure communications by providing a new set of secrets when the members of the group lose synchronization with regards to the dynamic secrets. In contrast, the dynamic secret may periodically change, such as at the end of each communication session or prior to beginning a communication session.

[0055] In one or more embodiments of the invention, a communication session may be a set of related communications (*e.g.*, related short messaging service messages (SMS), related emails, chat messages, or other related communications). Alternatively, or additionally, a communication session may correspond to a set of communications starting at a first time and having a duration of a pre-defined amount of time. The pre-defined amount of time may be defined, for example, according to the amount of time after the last communication is sent and/or received.

[0056] In one or more embodiments of the invention, secrets (118) are protected in the secrets file. The protection of the secrets (118) may be performed by encrypting the file. Specifically, the secrets file (112) may have an encryption key (not shown) associated with the secrets file (112), such that only the encryption module (108) can decrypt the file. Protection may further include making the secrets (118) inaccessible to the member having the secrets directory (104). Specifically, the member (or user of the member) may be unable to identify the secrets (118) or even the secrets file (112). By hiding the secrets (118) even from the member (and the user of the member) having the security application (102) and the security directory (104), the secrets (118) are highly unlikely to be compromised by the member (or the user of the member).

[0057] In addition to secrets (118), the secrets file (112) also include secrets file metadata (116). The secrets file metadata (116) includes information about the secrets file (112). As shown in Fig. 1, the secrets file metadata (116) may include a file name (120), a created timestamp (122), an accessed timestamp (124), a modified timestamp (126), and a file size (128).

[0058] The file name (120) is the unique identifier of the file within the security directory (104). In one or more embodiments of the invention, the file name appears randomly generated. Specifically, the file name (120) is a pseudo-random string of characters (*e.g.*, symbols and/or alphanumeric characters) of a pre-defined length. The file name may be generated by the n-bit generator and may be converted to textual based format.

[0059] The created timestamp (122) specifies when the secrets file (112) was created. If the secrets file (112) is a copy of an original secrets file (112), then the created timestamp specifies when the copy was created. Similarly, the accessed timestamp specifies when the secrets file (112) was last accessed by the user or the program. For example, the accessed timestamp may correspond to the last time in which the secrets file (112) was opened. The modified timestamp (126) specifies when the secrets file (112) was last modified. Specifically, the modified timestamp (126) specifies when a change was saved to the secrets file (112). The file size (128) provides the size of the secrets file (112). Specifically, the file size (128) may specify, for example, the amount of physical storage space required to store the secrets file.

[0060] In addition to the secrets file (112), the security directory (104) also includes decoy files (*e.g.*, 114A, 114X) in accordance with one or more embodiments of the invention. In one or more embodiments of the invention, the decoy files (*e.g.*, 114A, 114X) are indistinguishable from the secrets file (112). Specifically, like the secrets file (112), the decoy files include metadata (*e.g.*, 130A, 130X) [130X was omitted from Fig 1] and data (*e.g.*, 132A, 132X). The decoy file metadata (*e.g.*, 130A, 130X) may include a file name (*e.g.*, 134A, 134X), a created timestamp (*e.g.*, 136A, 136X), accessed timestamp (*e.g.*, 138A, 138X), modified timestamp (*e.g.*, 140A, 140X), and file size (*e.g.*, 142A, 142X).

[0061] In one or more embodiments of the invention, the file name (*e.g.*, 134A, 134X) of the decoy files (*e.g.*, 114A, 114X) are similar to the file name (120) of the secrets file (112). Specifically, like the secrets file name (120), the decoy file name (*e.g.*, 134A, 134X) is a pseudo-random string of characters. Further, the decoy file name (*e.g.*, 134A, 134X) includes only characters that may be present in the secrets file name (120). For example, if the secrets file name (120) includes only alphanumeric characters, then the decoy file names (*e.g.*, 134A, 134X) also only include alphanumeric characters. Thus, the secrets

file name (120) appears indistinguishable from the decoy file name (*e.g.*, 114A, 114X).

[0062] Further, in one or more embodiments of the invention, the created timestamp (*e.g.*, 136A, 136X), the accessed timestamp (*e.g.*, 138A, 138X), the modified timestamp (*e.g.*, 140A, 140X), and the file size (*e.g.*, 142A, 142X) of the decoy files (*e.g.*, 114A, 114X) are identical to created timestamp (122), accessed timestamp (124), modified timestamp (126), and the file size (128) of the secrets file (112). Rather than being completely identical, the aforementioned components may be substantially identical (*e.g.*, have only a difference of a few seconds or millisecond). Moreover, the values of the aforementioned components of the secrets file (112) are within the range of values of the aforementioned components of the various decoy files (*e.g.*, 114A, 114X). For example, if the modified timestamp of the secrets file is 10:21:45 AM on August 1, 2010, the modified timestamp of the decoy files may range from 10:21:36 AM on August 1, 2010 to 10:21:59 AM on August 1, 2010. A broader range of timestamps may exist without departing from the scope of the invention.

[0063] Similar to the file name (*e.g.*, 134A, 134X) of the decoy files (*e.g.*, 114A, 114X) and the file name (120) of the secrets file (112), the decoy data (*e.g.*, 132A, 132X) appear indistinguishable to the secrets (118). In particular, the decoy data (*e.g.*, 132A, 132X) has the same apparent randomization of characters as the secrets. Further, if the secrets file is partitioned into secrets (*e.g.,* static and dynamic secrets), then the decoy data is also partitioned into strings of the same number of characters as the secrets. Similarly, if the secrets file includes identifiers, then the decoy data also includes similar identifiers. Thus, the decoy data (*e.g.*, 132A, 132X) includes the same amount, same identifier, same file structure and the same apparent randomization of characters as the secrets (118) in accordance with one or more embodiments of the invention. The decoy data (*e.g.*, 132A, 132X) may be encrypted, for example, using the same encryption algorithm to encrypt the secrets (118).

[0064] Although Fig. 1 shows the secrets file (112) as the first file, the secrets file (112) may be intermingled between the decoy files (*e.g.*, 114A, 114X). For example, the ordering of the files within the secrets directory does not account for fact that the secrets file is a secrets file. Thus, the secrets file (112) is not in a pre-defined position within the secrets directory.

[0065] Further, a portion of the security application (102) may be remote from the computing device. For example, a portion of the security application may be stored on an external storage device. As another example, an external device that is connected to the computing device may be configured to process and display a user interface for the security application (102) executing on the computing device.

[0066] Further, the metadata shown in Fig. 1 may be only a portion of the metadata (*e.g.*, 116, 130A, 130X) that is manipulated to be identical or substantially identical for the secrets file (112) and the decoy files (*e.g.*, 114A, 114X). Specifically, the secrets file (112) and the decoy files (*e.g.*, 114A, 114X) may include additional metadata without departing from the scope of the invention. Further, the additional metadata may or may not be updated to be identical or substantially identical without departing from the scope of the invention. For example, if the metadata includes the file creator, then the secrets file and decoy files are forced to have the same file creator in accordance with one or more embodiments of the invention. In the example, the file creator may be the user or a pre-specified name.

[0067] Figs. 2A-5B show flowcharts in accordance with one or more embodiments of the invention. While the various steps in these flowcharts are presented and described sequentially, one of ordinary skill will appreciate that some or all of the steps may be executed in different orders, may be combined or omitted, and some or all of the steps may be executed in parallel. Further, in the following flowcharts, a member of the group is deemed to perform the actions when the security application of the member performs the actions on behalf of the member.

[0068] Figs. 2A-2B show a flowchart for configuring the security application in accordance with one or more embodiments of the invention. As shown in Fig. 2A, in Step 201, execution of a configuration utility in the security application is started. In one or more embodiments of the invention, the first time that a user starts the security application, the configuration utility is started. Further, in one or more embodiments of the invention, the user may use the configuration utility after the first configuration, such as to add additional groups. As discussed below, the configuration utility may guide the user through configuring the security application to communicate with the groups of which the user's computing device is a member. Those skilled in the art will appreciate that a process executing on the computing device may initiate the configuration of the security instead of the user.

[0069] Continuing with Fig. 2A, in Step 203, the security application receives new user credentials. In one or more embodiments of the invention, the new user credentials may include, for example, a username and password. Other forms of user credentials may be used without departing from the scope of the invention. After the user provides the new user credentials, the user may be required later to use the provided credentials to use the security application.

[0070] Alternatively, rather than the user providing new user credentials in Step 203, the security application may be pre-configured with user credentials. For example, consider the scenario in which the security application is provided to the user by a business entity that pre-associates the security application with user credentials. In such a scenario, the user in Step 203 may be requested to provide the pre-associated credentials in order to configure the security application.

[0071] Continuing with Fig. 2A, in Step 205, a configuration of a new group is initiated. For example, a user may select a menu option or software button to indicate that the user would like to add a new group. Alternatively or additionally, the configuration may be based on the user receiving an invite via the security application. The user may be invited by other members to the

group. For example, consider the scenario in which the user is an employee of a company. An administrator of the company may trigger the administrator's security application to send, to the employee's work computer, an invitation to join the group. Based on the invite, the security application on the employees work computer starts the configuration of the new group.

[0072] In Step 207, the name of the group is received. In one or more embodiments of the invention, the user provides a nickname for the group. The user may provide a name that the user is capable of remembering. For example, the name may be the names of the users who have computing devices that are members of the group. For example, if John's computing device, Angie's computing device, and Joe's computing device are members, then the group name may be John-Angie-Joe. Further, in one or more embodiments of the invention, the names are alphabetically ordered. For example, the group name may be Angie-Joe-John. Rather than using names associated with the members of the group, the group name may be a description of the group (*e.g.*, "financial management team," "work group," "lawsuit strategy team," etc.).

[0073] In Step 209, a group agreed connect name for the new group is received. In one or more embodiments of the invention, a group agreed connect name is an identifier of the group used by all of the members. Specifically, each member of the group associates the same group agreed connect name with the group. Thus, whereas the name of the group in Step 207 may be a name used by a single member, the group agreed connect name is an identifier shared by all members. Further, the group agreed connect name may be an alphanumeric value which would be very difficult to memorize. Because all members associate the same group with the same group agreed connect name, the group agreed connect name may be used by a member of the group when triggering the start of a communication session with other members of the group. For example, consider the scenario in which group A includes Angie's computing device, Joe's computing device, and John's computing device, and has a connect name of 32. Group B includes only Joe's computing device and

Angie's computing device, and has connect name 43. In the scenario, Joe's computing device may start communication with the Group A by using connect name 32. Thus, Angie's computing device uses the correct set of secrets for Group A.

[0074] The group may agree on a group agreed connect name by using a negotiation protocol. For example, one or more members may broadcast a proposed connect name, which is either accepted or rejected by the other group members. If all members agree, then the agreed proposed connect name may be a group agreed connect name. Alternatively, the group agreed connect name may be assigned. For example, an administrator of the group, who may or may not be a member, may assign the group agreed connect name to the group. As another example, users of the members may communicate the group agreed connect name in person, over the phone, via postal mail, or using any other alternative communication channel.

[0075] In Step 211, a first message digest is generated using the group agreed connect name and the user credentials as inputs into the n-bit generator. Specifically, the encryption module calls the n-bit generator using the group agreed connect name and the user credentials as the input values. The n-bit generator generates the first message digest by applying the operations of the n-bit generator (discussed above) to the input values.

[0076] In Step 213, a secrets file name and a secrets file encryption key is extracted from the first message digest. Specifically, the encryption module identifies each portion of the message digest corresponding to a secrets file name and a secrets file encryption key. For example, in a 512-bit message digest, bits in bit positions 0-255 may correspond to the secrets file name, bits in bit positions corresponding to 256-383 may correspond to the secrets file encryption key, and the final 128 bits may correspond to discard bits that remain unused. In the example, the security application extracts the secrets file name by obtaining 0-255 bits and extracts the secrets file encryption key by obtaining the next 128 bits. In one or more embodiments of the invention,

because the user credentials are part of the input in Step 211, with a high probability, a different message digest is generated by each member of the group. Thus, the secrets file name and the secrets file encryption key are different for each member of the group. Thus, a nefarious individual or computer system cannot correlate file names on different members to identify the secrets file or decrypt an encrypted secrets file using a secrets file encryption key generated by another member.

[0077] In Step 215, a determination is made whether a file naming conflict exists in the security directory. Specifically, a determination is made whether the file name matches an existing file name in the security directory. If a file naming conflict exists, the naming conflict is corrected in Step 217. Different techniques may be used to correct the naming conflict. For example, the member having the naming conflict may request that a new group agreed connect name is used. The new group agreed connect name may be generated by incrementing or appending a value on the previous group agreed connect name or repeating Step 209. Other methods to correct the naming conflict may be used without departing from the scope of the invention.

[0078] Continuing with Fig. 2B, in Step 219, regardless of whether a naming conflict exists, a group agreed seed is received for the secrets file. Specifically, the members of the group and/or their corresponding users communicate and agree on a group agreed seed. If the users communicate and agree on the group agreed seed, then the user may submit the group agreed seed to the security application. In such embodiments, the security application obtains the group agreed seed from the member. If the members communicate with the other members regarding the group agreed seed, then the member obtains the group agreed seed as the one agreed upon. The group agreed seed may be any password, passphrase, or series of characters. For example, the group agreed seed may be "the cow jumped over the moon," "#8$#DsaVA(@12w@," or any other collection of characters (*e.g.*, symbols and/or alphanumeric characters). Users of the members may communicate the group agreed seed in person, over

the phone, via postal mail, or using any other alternative communication channel. Each member may independently submit the group agreed seed to the security application. When prompted, the user of each member may enter the group agreed seed in a field of the user interface of the security application.

[0079] In Step 221, a second message digest is generated using the group agreed seed as input into the n-bit generator. Specifically, the encryption module calls the n-bit generator using the group agreed seed as the input value. The n-bit generators of each of the members performs the same one or more functions for all of the members of the group. Thus, the same message digest (*i.e.,* the second message digest) is generated by all members of the group.

[0080] In Step 223, secrets are obtained from the second message digest. Specifically, the encryption module identifies each portion of the second message digest relating to a secret. The following examples are not intended to limit the scope of the invention. Turning to an example, in a 512-bit message digest, bits in bit positions 0-127 may correspond to the static secret, bits in bit position corresponding to 128-383 may correspond to the dynamic secret and the final 128 bits may correspond to discard bits that remain unused or to a change (increment) value to be included as an input to an iterative pass of the n-bit generator. In the example, the security application extracts the static secret by obtaining the first 128 bits of the message digest and extracts the dynamic secret by obtaining the next 256 bits. As discussed, the above is only an example. For example, the ordering of the static secrets, dynamic secret, and discard bits may be different from the previous example, the discard bits may be omitted, the static secret or a portion thereof may be in different message digests, the dynamic secret or a portion thereof may be in different message digests, or one of the secrets may be omitted. In one or more embodiments of the invention, each security application extracts the same bits for each of the secrets. Thus, each member of the group generates the same set of secrets.

[0081] As another example for extracting secrets, bits in the message digest may indicate the starting position of each of the secrets. For example, the first four bits low order or least significant of the message digest may be used as shift bits defining the start of a secret. In such an example, the first bit of a secret may start following the shift value. By way of an example, if the shift bits in the message digest is "0001" (or one in base 10), then the secret starts at bit position two. As another example, if the shift bits is "1000" (or eight in base 10), the secret starts a bit 9.

[0082] Additional secrets may be generated for the group by repeating Steps 221 and 223 using the second message digest (or a portion thereof) and subsequent message digests (or a portion thereof) as an input to the n-bit generator. Alternatively, or additionally, Steps 221 and 223 may be repeated multiple times to generate a succession of new secrets. For example, each subsequent time may use, as input, the message digest from the previously time. Alternatively or additionally, additional secrets may be generated by repeating Steps 203-205 in which new group agreed seeds are used.

[0083] In Step 225, the secrets are stored in the secrets file. As discussed above, each secret may be stored with the unique secret identifier and/or a secrets grouping identifier.

[0084] In Step 227, the secrets are encrypted using the secrets file encryption key (obtained in Step 213). Specifically, the encryption module applies an encryption algorithm to the secrets file using the secrets file encryption key. Thus, the secrets in the secrets file may be protected even if the secrets file is identified.

[0085] In Step 229, decoy file names and contents are generated for the decoy files. Different techniques may be used to create the decoy file names and contents. For example, the encryption module may request that the n-bit generator uses a random character generator to generate a random set of characters of an identical length as the secrets and secrets file name. As

another example, the encryption module may call the n-bit generator with pseudo-randomly generated input to create the decoy files. As another example, the encryption module may use the final generated secret (*e.g.,* secret(s) obtained in Step 223) with or without modification input as input to the n-bit generator to produce additional content.

[0086] In one or more embodiments of the invention, two or three decoy files are created each time a secrets file is created. More or fewer decoy files may be created without departing from the scope of the invention. Further, once the security directory has a threshold number of files (secrets file and decoy files), the encryption module may stop creating decoy files in one or more embodiments of the invention.

[0087] In Step 231, the decoy files are stored in the security directory with the secrets file. In one or more embodiments of the invention, the creation storage of the decoy files is the same time as the creation and storage of the encrypted secrets file. Thus, the decoy files and the secrets file have the same timestamps. Those skilled in the art will appreciate that the timestamps on the decoy files and/or the secrets file may be modified such that all timestamps are the same or within an appropriate range (as defined above).

[0088] In Step 233, identifiers of members of the group are received. Specifically, an identifier for each member of the group is received. The identifier may be a unique identifier, a nickname, or another identifier.

[0089] In Step 235, connection information to create a secure connection to each member of the group is received. Specifically, the connection information identifies how to access the member through a secure communication channel if it exists. Alternatively, the connection information may specify general contact information, such as a phone number, an internet protocol (IP) address, or other contact information. In Step 237, the connection information is stored with the identifiers for the group. The connection information and the identifiers may be stored in a separate file, such as a configuration file

associated with the security application. Further, the same connection information may be used by the member for multiple groups that have common members.

[0090] Although not shown in Figs. 2A-2B, additional groups may be added by repeating Steps 205-237 for each group. In one or more embodiments of the invention, when a new group is created, the timestamps of all existing files are updated to match the new group. The timestamps may be updated, for example, using APIs provided by the operating system to force an update of the timestamps.

[0091] Fig. 3 shows a flowchart for communicating between members of the group in one or more embodiments of the invention. In Step 231, a request for group communication is received. The request may be received from the user using the member, an application executing on the member or executing on a computer system connected to the member, another member, etc.

[0092] For example, the user may start the security application and select a group using the group name to start sending communications. The user may also select the application (*e.g.*, email application, chat application, etc.) that the user will use for the communication. In response, the security application may access the connection information for other members of the group and send an invite to the other members using the connection information. The invite may include the group agreed connect name and indicate that the member is starting a communication session for the group having the specified connect name. Additionally, or alternatively, the invite may be sent with the first communication from the member.

[0093] As a second example, the user may use an application (*e.g.*, a email application, a chat application, an internet browser) to start a communication session with another user. The security application may intercept the user's connection request, identify the members of the group corresponding to the recipient users, and invite the other members of the group to the

communication session using the group agreed connect name and the connection information for the other members.

[0094] As a third example, the request for group communication may be initiated by the security application receiving an invite to the communication session from another member of the group. In response, the security application may notify the user that a communication session is requested in accordance with one or more embodiments of the invention.

[0095] The above are only some examples of how a request for communication is received. The request for communication may be received in other manner without departing from the scope of the invention.

[0096] In Step 233, user credentials are received. In one or more embodiments of the invention, the member prompts the user to provide the user credentials. For example, the user interface of the security application may display one or more input boxes for the user to submit the user's credentials.

[0097] In Step 235, the n-bit generator generates the secrets file name and the secrets file encryption key using the user's credentials and the group agreed connect name. Specifically, the n-bit generator generates a message digest having the secrets file name and the secrets file encryption key using the aforementioned inputs. The encryption module extracts the aforementioned components from the message digest. Generating the message digest and extracting the secrets file encryption key may be performed as discussed above with reference to Steps 211 and 213 in Fig. 2.

[0098] In Step 237, a determination is made whether a matching file name is found in the security directory. If a matching file name is found, then the user's credentials are correct and the secrets file is identified. If the matching file name is not found, then the received user's credentials may be incorrect. The security application may allow the user to re-submit the credentials and/or deny access to the user.

[0099] In Step 239, if the matching file name is found, the secrets file is decrypted using the secrets file encryption key. Specifically, the encryption module applies the encryption algorithm to the encrypted secrets file (*i.e.,* the file identified in Step 237) using the secrets file encryption key to create a decrypted secrets file.

[00100] In Step 241, the secrets are obtained from the decrypted secrets file. In one or more embodiments of the invention, the secrets may be obtained based on the type of unique secret identifier and/or a secrets grouping identifier. For example, the communication request may specify an application used in the communication. Accordingly, encryption module may identify the secrets grouping identifier corresponding to the specified application. The encryption module obtains the secrets from the secrets file having the specified secrets grouping identifier.

[00101] In one or more embodiments of the invention, rather than opening the secrets file to obtain the secrets, the secrets file may be copied to a temporary memory location, such as cache memory, and the copy may be opened to obtain the secrets. Thus, if the dynamic secrets are not updated at the end of the communication session, then the metadata of the secrets file remains unchanged. When the metadata of the secrets file remains unchanged, then the metadata of the decoy files does not need to change. Further, the contents of the temporary memory location may be destroy so as to destroy the copy of the secrets file. The destruction may include overwriting the temporary location multiple times in accordance with one or more embodiments of the invention.

[00102] As another example, the communication request may include the unique secret identifier. In the example, the encryption module may extract the secret having the unique secrets identifier from the secrets file.

[00103] By way of another example, the encryption module may randomly select secrets (*e.g.,* a static and dynamic secret) and send the unique secrets identifier of the randomly selected secrets to the other members of the group.

[00104] The above are only a few examples for obtaining secrets from the secrets file. Other methods may be used without departing from the scope of the invention.

[00105] In Step 243, the n-bit generator generates one or more message digests using the secrets. Generating one or more message digests is discussed below and in Figs. 4A and 4B.

[00106] Continuing with Fig. 3, the encryption module encrypts and decrypts communications transferred between the members of the group using an encryption key parsed from the message digest. As discussed below, from the message digest(s), an encryption key is generated. The encryption module applies the encryption key and an encryption algorithm to each communication for sending to encrypt the communication. The encrypted communication is sent to the other members of the group. Similarly, the encryption module applies the encryption key and the encryption algorithm to each received communication to decrypt the received communication.

[00107] In one or more embodiments of the invention, the encryption module intercepts the communications sent and received from the member to the group or from a computer system connected to the member to the group. The encryption module performs the encryption and decryption steps without input from and transparently to the user (or other computer system to which the security application is connected) in one or more embodiments of the invention.

[00108] In one or more embodiments of the invention, the security application may be used for communications between subgroups, in which only some of the members are present using the secrets for the group. In one or more embodiments of the invention, the sub-group may be spawned into a new group. Additionally, or alternatively, when only the subgroup is communicating, the dynamic secret is not updated for the entire group.

[00109] Figs. 4A and 4B show flowcharts for using the initial message digest to generate an encryption key. As shown in Fig. 4A, in Step 251, a shared secret(s) is obtained from the secrets file. In Step 253, a new message digest is generated using the shared secret(s) as inputs for the n-bit generator. For example, the encryption module may call the n-bit generator and pass the parameters of the shared secret(s).

[00110] In Step 255, an encryption key is extracted from the resulting message digest. Extracting the encryption key may include the encryption module identifying the bit positions corresponding to the encryption key and separately storing the series of bits in the identified bit positions as the encryption key. In addition to extracting the encryption key, algorithm selector bits, key length and other components of the message digest may be extracted. The algorithm selector bits may be used, for example, as an index to the algorithm selector table to identify an encryption algorithm to use to encrypt the communications.

[00111] Fig. 4B shows another example flowchart for using the initial message digest. Specifically, Fig. 4B shows an example for generating multiple message digests, where each message digest includes some of the components for encrypting a communication. In Step 257, the shared secret and dynamic secret are obtained from the secrets file. Obtaining the shared secret and the dynamic secret may be performed as discussed above.

[00112] In Step 259, a second message digest is generated using the shared secret and the dynamic secret as inputs for the n-bit generator. Generating the second message digest may be performed in a similar manner to that discussed above with reference to Step 253 in Fig. 4A.

[00113] In Step 261, the change value and other components are extracted from the second message digest. Extracting the components may be performed in a manner similar to the extraction of the encryption key as discussed above in Step 255 of Fig. 4A. The other components that are extracted may include, for

example, the most significant bits of the encryption key, the least significant bits of the encryption key, the algorithm selector bits, etc.

[00114] In Step 263 of Fig. 4B, the change value is combined with the dynamic secret to create an interim dynamic secret. Combining the change value with the dynamic secret may be performed, for example, by a bit shuffler. Specifically, any of the operations discussed above with respect to the bit shuffler may be performed to combine the change value with the dynamic secret. In one or more embodiments of the invention, a prime number is added to the change value or result to account for a possibility that the change value may be zero. For example, the combination may be the change value XOR'd with the dynamic secret plus one.

[00115] In Step 265, a third message digest is generated using the interim dynamic secret and the static secret as inputs to the n-bit generator. Step 265 may be performed, for example, in a manner similar to the above discussion with reference to Step 259. In one or more embodiments of the invention, rather than performing Step 263 to create an interim dynamic secret and then performing Step 265 to generate a third message digest using the interim dynamic secret, the third message digest may be generated using the change value, the dynamic secret, and the static secrets as inputs into the n-bit generator.

[00116] In Step 267, the change value and other components are extracted from the third message digest in accordance with one or more embodiments of the invention. Extracting the change value and the other components may be in a manner similar to the above discussion with reference to Step 261.

[00117] In Step 269, a determination is made whether to create another message digest. In one or more embodiments of the invention, each security application is configured to create an identical number of message digests. Additional message digests may be generated to create additional bits for an encryption key or to create additional components.

[00118] If a determination is made to create an additional message digest, then the steps repeat starting with Step 263. In Step 263, the change value extracted in Step 267 is used with the dynamic secret to create a new interim dynamic secret. Alternatively, rather than using the dynamic secret for subsequent message digests, the previously created interim dynamic secret may be used.

[00119] Alternatively, if a determination is made not to create another message digest, an encryption solution is created from the components of the message digests in Step 271. For example, the least significant bits of the encryption key may be combined with the most significant bits of the encryption key to create a single encryption key. The encryption solution may be used to encrypt and decrypt communications. Encrypting a communication may be performed for example, by accessing the algorithm selector table to identify the encryption algorithm corresponding to the algorithm selector bits in the message digest. The communication to be encrypted is encrypted by applying the identified encryption algorithm with the encryption key to the communication. The resulting encrypted communication may be sent to the members and/or stored (*e.g.*, stored on a local or remote storage device). In one or more embodiments of the invention, when an encrypted communication is stored, dynamic secrets are not used to create the encryption key used to encrypt the communication.

[00120] During or at the end of a session, the members of a group may agree to change the encryption key and/or the dynamic secret values. For example, the agreement may be based on a signal passed between the members when one of the members elects that the encryption key should change. As another example, the agreement may be based on a pre-agreed period at which a new encryption key is generated. For example, the members may agree that a new encryption key should be generated every five minutes, with every 20 communications, after 256K bits are exchanged, etc.

[00121] Fig. 5A shows a flowchart for changing an encryption key. In Step 281, a change of encryption key is initiated by the group or one of the members

thereof. As discussed above, the initiation may be based on a message, a pre-agreed period, etc.

[00122] In Step 283, intermediate results of the last performance of the n-bit generator and the last generated change value are obtained. As discussed above, the intermediate results may correspond to the output of the bit shuffler prior to performing the hash function. Further, each member may extract the change value from the last generated message digest.

[00123] In Step 285, each member generates a new message digest using the intermediate results and the last change value as inputs to the n-bit generator. In Steps 283 and 285, rather than using the intermediate results, the dynamic secret, the dynamic secret and the static secret, or the interim dynamic secret may be used in accordance with one or more embodiments of the invention.

[00124] In Step 287, a new encryption key is extracted from the new message digest. Extracting the new encryption key may be performed as discussed above with reference to Step 255 of Fig. 4A. After the new encryption key is extracted the new encryption key may be used to encrypt and decrypt communications between the members of the group. In one or more embodiments of the invention, the encryption key could be an encryption solution. The encryption solution may include, for example, the encryption key, algorithm selector bits for selecting an encryption algorithm, and/or other components used for encryption.

[00125] Fig. 5B shows an example flowchart for changing the dynamic secret values at the end of a communication session in accordance with one or more embodiments of the invention. In Step 289, a communication session is finalized with the group. For example, the group members may send a message ending the communication session. Each member may wait until the member receives confirmation from all other members of the group.

[00126] In Step 291, the initial dynamic secret and the final change value used in the communication session are obtained. For example, the initial dynamic

secret may be the secret generated in the initial message digest or a secret stored in the secrets repository. The final change value may correspond to the last generated change value. For example, the final change value may be obtained as discussed above with reference to Step 283 in Fig. 5A.

[00127] Continuing with Fig. 5B, in Step 293, a new message digest is generated using the initial dynamic secret and the change value as inputs to the n-bit generator. In Step 295, the new dynamic secret is extracted from the new message digest. The new dynamic secret may replace the initial dynamic secret in the secrets file. Specifically, in Step 297, each member of the group may store the new dynamic secret in their corresponding secrets repository. Because each member generates and stores the same new dynamic secret, the members use the same secrets in the next communication session.

[00128] Further, each member updates the secrets files and the decoy files to update the file time stamps in Step 299. Specifically, each files may be opened, modified, and closed. The modification may be changing a character into a new randomly generated character and saving the changed decoy file. As another example, the modification may be writing a character to the decoy file, saving the decoy file, and then removing the character from the decoy file and the secrets files. In one or more embodiments of the invention, the update to the secrets file is performed after some of the decoy files are updated and prior to the final decoy files are updated. By modifying the decoy files when the secrets file is modified, the timestamps of the decoy files may be automatically updated. Rather than performing the modification, the metadata of the files may be updated by manipulating the metadata directly, such as through an API of an operating system, or accessing the metadata. Thus, a nefarious user or computer system could not access the modification timestamp to identify the secrets file.

[00129] Figs. 6A-6B shows an example communication session in accordance with one or more embodiments of the invention. The following is for example purposes only. In the following example, consider the scenario in which Opal

and Andrew want to communicate via a chat application. Opal's computing device is an external token device that connects to a computer system that includes a chat application. Opal's token executes the security application and includes the secrets file. Opal's computing device is referred to below as the originating member. Similarly, Andrew's computing device is a smart phone that has a chat application and a security application. Andrew's smart phone is referred to below as the answering member.

[00130] In the example, Opal opens her chat application on her computer system and connects her token to the computer system. Opal selects Andrew as the recipient of the communication. The chat application sends a request to the token to open a communication session with Andrew. The security application executing on the token receives the request and obtains the group agreed connect name for the group having only Opal and Andrew. The security application also identifies the connection information for Andrew. The security application sends Andrew a communication request to communicate via chat.

[00131] Figs. 6A-6B shows flowcharts from the perspective of the answering member (*i.e.*, Andrew's smart phone). Starting with Fig. 6A, in Step 301, the answering member receives a communication request to communicate using a chat application. Specifically, Andrew's smart phone receives, from Opal's token, a request specifying the group agreed connect name, and an identifier of a chat session. Accordingly, in Step 303, the group agreed connect name is obtained from the communication request.

[00132] In Step 305, the answering member informs Andrew of the communication request. Specifically, the security application on the smart phone may have a notification mechanism, such as an icon, ring tone, or other notification mechanism, that informs Andrew that a communication request is received. At this stage, Andrew may decide whether to accept or reject the communication request. If Andrew rejects the communication request, then the answering member ends the communication session with Opal. (not shown)

[00133] However, if Andrew accepts the communication request, then Andrew submits his username and password. Accordingly, in Step 307, the answering system receives a username and password from Andrew.

[00134] In Step 309, the n-bit generator executing on the answering system generates a first message digest using the username, password, and the group agreed connect name as inputs. For example, the n-bit generator may XOR the username, password, and group agreed connect name to create an intermediate result. The intermediate result may be input to an MD5 hash function to create a pseudo-random string as the first message digest.

[00135] In Step 311, the answering member extracts the secrets file name and the secrets file encryption key from the first message digest. The secrets file name may be, in the example, the last 128 bits of the first message digest and the secrets file encryption key may be, in the example, the first 256 bits of the message digest. Based on the extracted secrets file name, the answering member identifies the secrets file on Andrew's smart phone. Because the first message digest is a pseudo-random bit string, the secrets file name is also pseudo random and can only be identified if the username, group agreed identifier, and password are correct. Thus, by finding the secrets file name, the security application authenticates Andrew as the user of the smart phone. Alternatively, the smart phone might verify the user name and password independent of the secure chat application.

[00136] In Step 313, the answering member decrypts the identified secrets file using the secrets file encryption key. Specifically, the answering member uses the secrets file encryption key and a symmetric encryption algorithm to decrypt the secrets file. From the decrypted secrets file, the answering member extracts the secrets corresponding to the chat application in Step 315. For example, the answering member may identify that the fifth secret is the secret corresponding to the chat application based on a pre-defined configuration parameter or an identifier stored with the fifth secret which is 384 bits and the beginning bit is bit 84.

[00137] Continuing with Fig. 6B, in Step 317, the n-bit generator on the answering system generates a second message digest using the secret. The answering system's encryption module may extract from the fifth secret, the dynamic secret and the static secret and provide the dynamic secret and the static secret as inputs to the n-bit generator. The n-bit generator combines the dynamic secret and the static secret to produce the second message digest. For example, the initial message digest may correspond to message digest (350) shown in example Fig. 6C. Referring to Fig. 6C, a message digest (350) may include an originating member's one-time password (352), discard bits (354), an encryption key most significant bits (356), and a change value (358).

[00138] The originating member's one-time password (352) is a series of bits generated by the n-bit generator for the answering member to authenticate the originating member. Specifically, because both the originating member and the answering member generate the same message digest (*e.g.*, example message digest (350)), the originating member's one-time password (352) is the same for the first member and the second member. Accordingly, if the first member's one-time password (352) that the first member sends to the second member is identical to the second member's generated first member's one time password, then the second member knows that the first member is authentic. Specifically, the first member knows that the second member received the same input and had an n-bit generator that was capable of performing the same operations. Further, in one or more embodiments, once the first member and second member passwords have been confirmed, an extremely high probability exists that the other corresponding bits of the message digest also match between systems.

[00139] In one or more embodiments of the invention, prior to sending the one-time passwords, the one-time passwords are encrypted using an encryption algorithm and an encryption key. In such embodiments, the one-time passwords are sent encrypted. The receiver may encrypt their generated one-time password and compared the encrypted generated one-time password with

the received one-time password. As an alternative, the receiver may decrypt the received one-time password and then compare the decrypted one-time password with the generated one-time password.

[00140] Discard bits (354) are bits that are ignored when creating the encryption solution. Specifically, discard bits are bits that prevent the nefarious user or computer system from understanding the message digest. By having discard bits, the nefarious user or computer system may be unable to ascertain which bits are actually used for the encryption solution.

[00141] The session encryption key most significant bits (MSB) (356) correspond to a portion of the encryption key. Specifically, the encryption key may be divided into one or more parts. A portion of the encryption key may be located in a first message digest while a second portion is located in another message digest. Because all members use the instances of the same n-bit generator to generate the message digests, the encryption key generated by each of the members is the same. Thus, the encryption key does not need to be communicated between the members. Moreover, the encryption key may be stored in the security application and not provided through any interface to any user. Thus, members (and users of the members) that leave the group remain unaware of the encryption key used to encrypt the data.

[00142] In one or more embodiments of the invention, a change value (358) provides a pseudo-random value to spawn a new message digest. For example, the change value may be used to create a new encryption key or create a new dynamic secret. Further, the stored secrets may be inputted to the n-bit generator to spawn temporary use secrets. All of the spawned secrets are used only during a session in accordance with one or more embodiments of the invention. After the session, the spawned secrets are destroyed so as to be no longer accessible or otherwise obtainable through any nefarious methods. Similar to the temporary use secrets, the change value is destroyed once combined with the appropriate dynamic secret value.

[00143] Returning to the example message digest (350), Fig. 6C is only one example of the components of a message digest. Some of the components may be removed while other components may be added.

[00144] Returning to Fig. 6B, in Step 319, the encryption module on the answering system extracts the originating member's one time password, the encryption key's most significant bits, and a change value from the second message digest. The extracted change value is combined with the original dynamic secret in Step 321 to create an interim dynamic secret in the example. The interim dynamic secret may be obtained by performing an XOR operation on the change value and the original dynamic secret plus one.

[00145] Using the interim dynamic secret, the n-bit generator generates the third message digest in Step 323. For example, the initial message digest may correspond to message digest (360) shown in example Fig. 6D. Referring to Fig. 6D, a message digest (360) may include an answering member's one-time password (362), discard bits (364), an encryption key least significant bits (366), and a change value (368). The answering member's one-time password (362), discard bits (364), an encryption key least significant bits (366), and a change value (368) are similar to the originating member's one-time password (352), discard bits (354), an encryption key most significant bits (356), and a change value (358) in Fig. 6C.

[00146] Specifically, the answering member's one-time password (362) is a series of bits generated by the n-bit generator for the originating member to authenticate the answering member. Discard bits (364) are bits that are ignored when creating the encryption solution. The session encryption key least significant bits (LSB) (366) correspond to a second portion of the encryption key. The change value (368) provides a random value to create a new message digest.

[00147] Returning to the example message digest (360), Fig. 6D is only one example of the components of a message digest. Some of the components may be removed while other components may be added.

[00148] Returning to Fig. 6B, the answering member extracts the answering member's one-time password, the encryption key's least significant bits, the change value from the third message digest.

[00149] Although not discussed above, after the originating member finds the secrets file located on the originating member, the originating member performs the same steps as the answering member. Thus, both the originating member and the answering member generate the second and third message digests. The answering member sends the answering member's one-time password to the originating member in Step 327. The originating member sends the originating member's one-time password to the answering member. Accordingly, the answering member receives the originating member's one-time password in Step 329.

[00150] Both the originating member and the answering member compare the received one-time password with the generated one-time password to determine if the received password is identical to the generated password. For example, in Step 331, the answering member determines whether the received originating member's one-time password is equal to the generated originating member's one-time password. If the two passwords are not equal, then the answering member may stop communication with the originating member. Similarly, although not shown, the originating member determines whether the received answering member's one-time password is equal to the generated answering member's one-time password. If the two passwords are not equal, then the originating member may stop communication with the answering member.

[00151] However, in Step 333, if the passwords are equal, then the encryption key's most significant bits are concatenated with the encryption key's least significant bits to create the encryption key.

[00152] At this stage, Opal and Andrew may start communicating via the chat application. The encryption modules intercept each outgoing communication and encrypt it using the encryption key in Step 335. Similarly, the encryption modules intercept each incoming communication and decrypt it using the encryption key (not shown). Further, Steps 301, 303, and 309-335 in Figs. 6A and 6B may be performed transparently to both Opal and Andrew. Thus, neither Opal nor Andrew need to be aware of the encryption. Further, in one or more embodiments of the invention, both Opal and Andrew cannot view the secrets or the encryption key. Thus, neither Opal nor Andrew can consciously or unconsciously provide a nefarious user with access to the shared secrets.

[00153] Figs. 7A-7E show an example in accordance with one or more embodiments of the invention. The following example is for example purposes only and not intended to limit the scope of the invention. Fig. 7A-7C show an example user interface for the configuration utility in accordance with one or more embodiments of the invention.

[00154] As shown in Fig. 7A, the initial configuration utility window (400) includes an input box for the user to specify the location of the security directory (402) and an input box for the user to specify a location for storing a database about users (404). Input box (402) and input box (404) may be constrained such that only a user corresponding to an administrator can change the location. Alternatively, or additionally, the input box (402) and input box (404) may be constrained so that the user can only provide locations that are on the member itself.

[00155] Additionally, in the example, the initial configuration utility window (400) includes a user manager (406). The user manager (406) allows a user to enter data specific to the user. Specifically, a user name input box (408) and

password input box (410) allows the user to enter the username and password, respectively, that the user will use each time the user uses the security application. The user may be prompted to re-enter the user password in an input box (not shown) to verify that the user entered his/her intended password.

[00156] Text box (412) provides a list of groups with whom the user may communicate. Specifically, text box (412) shows a list of the groups that the member has already added. Entries in the list may be displayed as a nickname of the group, the connect name, or other information useful to the user.

[00157] Check box (414), nick name input box (416), connect name input box (418), and connect input box (420) allows the user to submit data for a specific group. For example, if selected, check box (414) designates that the group includes more than two members. The user may submit the nick name of the group in the nick name input box (416). The user may submit the group agreed connect name of the group in the connect name input box (418). The user may submit the connection information for the group in the connect input box (420). The connect input box (420) may be used for providing the connection information for the entire group. If the check box (414) is selected, the user interface may display additional input boxes to allow a user to submit nick names and connection information for each member of the group. The additional input boxes may be displayed to provide member specific connection information.

[00158] Continuing with the example, Fig. 7B shows a user interface window (422) for submitting the group agreed seed. Specifically, the user interface window (422) may be displayed while the user is adding a new group in one or more embodiments of the invention. The user may enter the group agreed seed in input box (424) and select okay (426) to submit the group agreed seed.

[00159] In response to the user entering the group and/or the user's information, the user interface may display the window (428) shown in Fig. 7C to show that

the group has been added. Thus, the secrets file for the group may be generated.

[00160] Fig. 7D shows an example schematic diagram for generating the secrets file name and encryption key/solution. As shown in Fig. 7D, the username (430) that the user submitted in the username input box (408 in Fig. 7A), the password (432) that the user submitted in the password input box (410 in Fig. 7A), and the group agreed connect name (434) that the user submitted in connect name input box (418) are provided as inputs to the n-bit generator (436).

[00161] With the inputs, the n-bit generator (436) produces message digest (438). The message digest includes a secrets file name (440) and a secrets file encryption key (442). Accordingly, secrets created using the group agreed seed submitted in input box (424 in Fig. 7B) are stored in a secrets file, which is saved with secrets file name (440). The secrets file encryption key (442) is used to encrypt the secrets file. Accordingly, the secrets file is stored in the secrets file directory.

[00162] Fig. 7E shows an example file interface window (444) showing the secrets files directory (referred as key files in Fig. 7E) (446). As shown in the example, the contents of the secrets file directory (448) includes the secrets file and decoy files. However, because the secrets file name and the decoy file names are pseudo-random strings of characters and the secrets file and the decoy files have the same metadata, the secrets file is indistinguishable from the decoy files. For example, the security application may use the n-bit generator and similar procedures to generate the secrets as to generate the decoy files. In the example, the encryption module may call the n-bit generator four times to produce the desired number of secrets bits, and, therefore, times to produce the sufficient bits for each of ten decoy files. As another example, the encryption module may request fifty iterations of the n-bit generator to produce the decoy files and the secrets file. Because the decoy files in the example are similarly produced so as to be indistinguishable, the nefarious

computer system or user could not identify the secrets file based on the information provided in the list of files in the file interface window (444).

[00163] Embodiments of the invention may be implemented on virtually any type of computer system regardless of the platform being used. The computing device may be the computer system, execute on the computer system, be an external device of the computer system, etc. For example, as shown in Fig. 8, a computer system (500) includes one or more computing processor(s) (502), associated memory (504) (*e.g.*, random access memory (RAM), cache memory, flash memory, etc.), an internal and/or external storage device (506) (*e.g.*, a hard disk, an optical drive such as a compact disk drive or digital video disk (DVD) drive, a flash memory stick, universal serial bus (USB) drive, smart card, smart phone, etc.), and numerous other elements and functionalities typical of today's computers (not shown). The computer system (500) may also include input means, such as a keyboard (508), a touch screen (512), a mouse (510), or a microphone (not shown). Further, the computer system (500) may include output means, such as a monitor (512) (*e.g.*, a liquid crystal display (LCD), a plasma display, or cathode ray tube (CRT) monitor). The computer system (500) may be connected to a network (514) (*e.g.*, a local area network (LAN), a wide area network (WAN) such as the Internet, or any other type of network) via a network interface connection; wired or wireless (not shown). Those skilled in the art will appreciate that many different types of computer systems exist, and the aforementioned input and output means may take other forms. Generally speaking, the computer system (500) includes at least the minimal processing, input, and/or output means necessary to practice embodiments of the invention.

[00164] Computer readable program code to perform embodiments of the invention may be stored on a computer readable medium such as a compact disc (CD), a diskette, a tape, physical memory, or any other physical computer readable storage medium that includes functionality to store computer readable program code to perform embodiments of the invention. In one embodiment of

the invention the computer readable program code, when executed by a processor(s), is configured to perform embodiments of the invention.

[00165] While the invention has been described with respect to a limited number of embodiments, those skilled in the art, having benefit of this disclosure, will appreciate that other embodiments can be devised which do not depart from the scope of the invention as disclosed herein. Accordingly, the scope of the invention should be limited only by the attached claims.

CLAIMS

What is claimed is:

1. A method for authenticating a user, comprising:

receiving, by an application running on a mobile phone, a unique user input and generating by said application a secret based upon said unique user input,

storing said secret stored at the mobile phone, said secret being stored with an identifier so as to be retrievable when the unique user input is received again by the mobile phone;

receiving at the mobile phone from a remote computer-based station a first communication, said first communication including the identifier associated with the secret;

responsive to said receiving, the mobile phone prompting a user via a user interface for the user input, verifying said unique user input, and transmitting to the remote computer-based station a second communication encoded using the secret.

2. The method of claim 1, wherein the secret comprises an encryption key and is stored along with other information and the identifier is used to distinguish the encryption key from the other information.

3. The method of claim 1, wherein the other information comprises decoy encryption keys.

4. The method of claim 1, wherein the first communication comprises a request for user credentials of the user of the computing device.

5. The method of claim 1, wherein the secret is stored in an encrypted format.

6. The method of claim 1, wherein the unique user input comprises user credentials.

7. The method of claim 6, further comprising receiving at the computing device an invitation to create the secret prior to generating the secret.

8. The method of claim 7, wherein the invitation to create the secret is received from the remote computer-based station.

9. The method of claim 1, wherein the first and second communications comprise two related communications of a communication session.

ABSTRACT

A security application for a computing device, e.g., a mobile phone, allows generation of a secret according to a unique user input (e.g., user credentials). The secret is stored in a directory such that it is retrievable when the unique user input is received via a user interface of a device on which the security application executes or is coupled with. Responsive to receiving an identifier associated with the secret, the security application prompts, e.g., via a user interface of the mobile phone, entry of the unique user input; and, subsequently, verifies the unique user input. Following such verification, the security application provides the secret for use in encoding a communication with a remote computer-based station. Entry of the user credentials may be required prior to the security application generating the secret, and may be responsive to receipt of an invitation (e.g., from the remote computer-based station) to generate it.

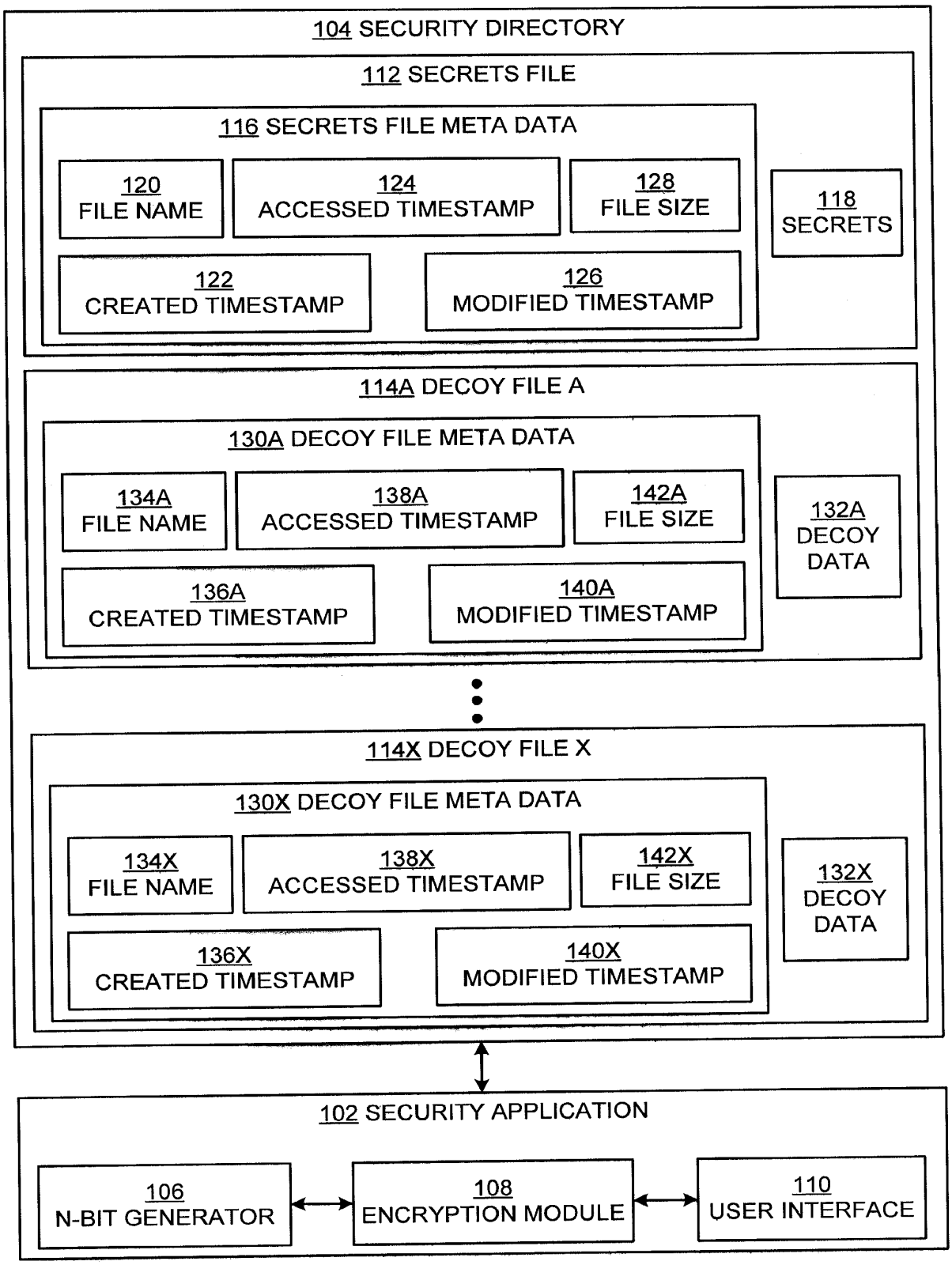

104 SECURITY DIRECTORY
112 SECRETS FILE
116 SECRETS FILE META DATA
120 FILE NAME
124 ACCESSED TIMESTAMP
128 FILE SIZE
118 SECRETS
122 CREATED TIMESTAMP
126 MODIFIED TIMESTAMP
114A DECOY FILE A
130A DECOY FILE META DATA
134A FILE NAME
138A ACCESSED TIMESTAMP
142A FILE SIZE
132A DECOY DATA
136A CREATED TIMESTAMP
140A MODIFIED TIMESTAMP
114X DECOY FILE X
130X DECOY FILE META DATA
134X FILE NAME
138X ACCESSED TIMESTAMP
142X FILE SIZE
132X DECOY DATA
136X CREATED TIMESTAMP
140X MODIFIED TIMESTAMP
102 SECURITY APPLICATION
106 N-BIT GENERATOR
108 ENCRYPTION MODULE
110 USER INTERFACE

FIG. 1

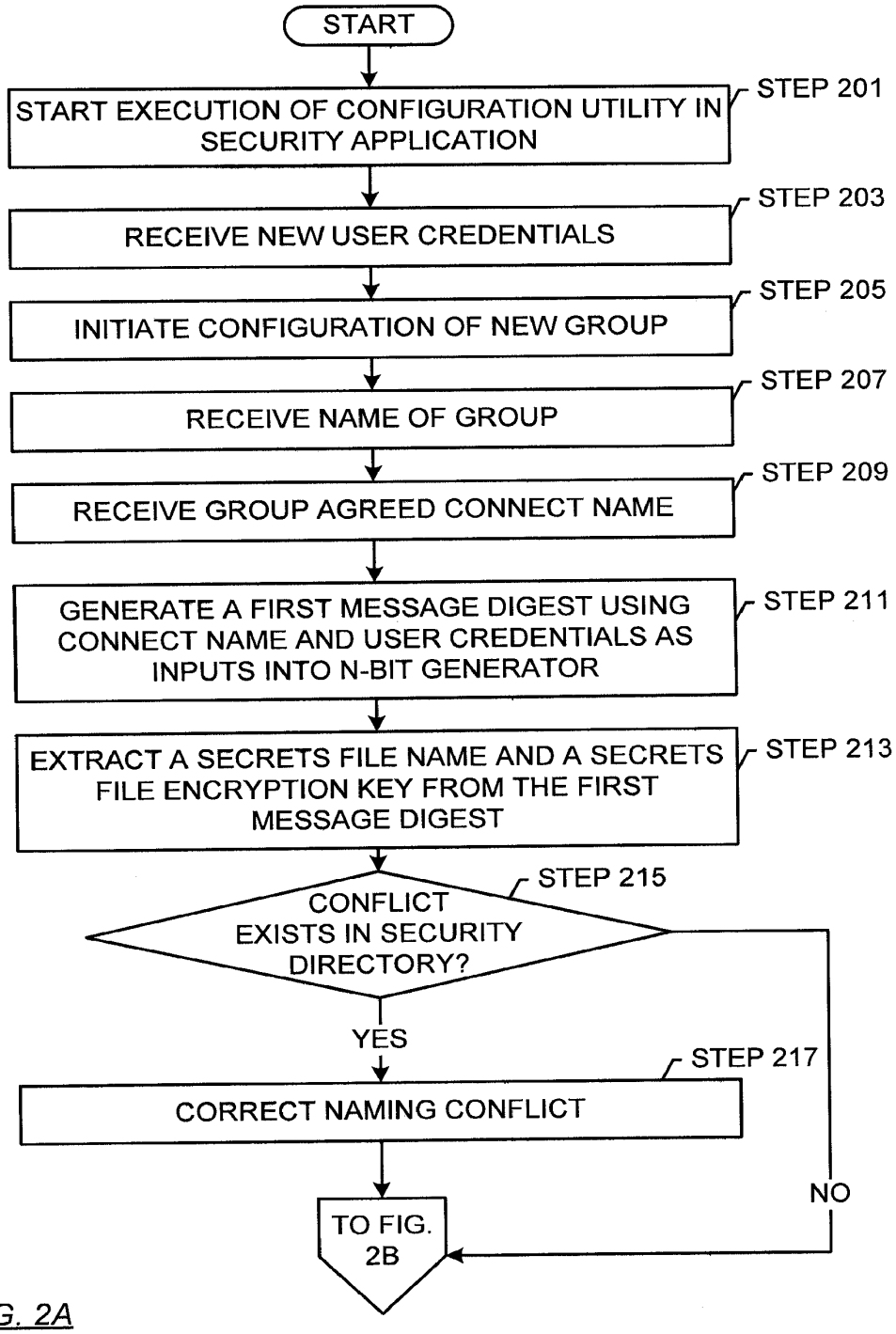

START
START EXECUTION OF CONFIGURATION UTILITY IN SECURITY APPLICATION
STEP 201
RECEIVE NEW USER CREDENTIALS
STEP 203
INITIATE CONFIGURATION OF NEW GROUP
STEP 205
RECEIVE NAME OF GROUP
STEP 207
RECEIVE GROUP AGREED CONNECT NAME
STEP 209
GENERATE A FIRST MESSAGE DIGEST USING CONNECT NAME AND USER CREDENTIALS AS INPUTS INTO N-BIT GENERATOR
STEP 211
EXTRACT A SECRETS FILE NAME AND A SECRETS FILE ENCRYPTION KEY FROM THE FIRST MESSAGE DIGEST
STEP 213
CONFLICT EXISTS IN SECURITY DIRECTORY?
STEP 215
YES
NO
CORRECT NAMING CONFLICT
STEP 217
TO FIG. 2B

FIG. 2A

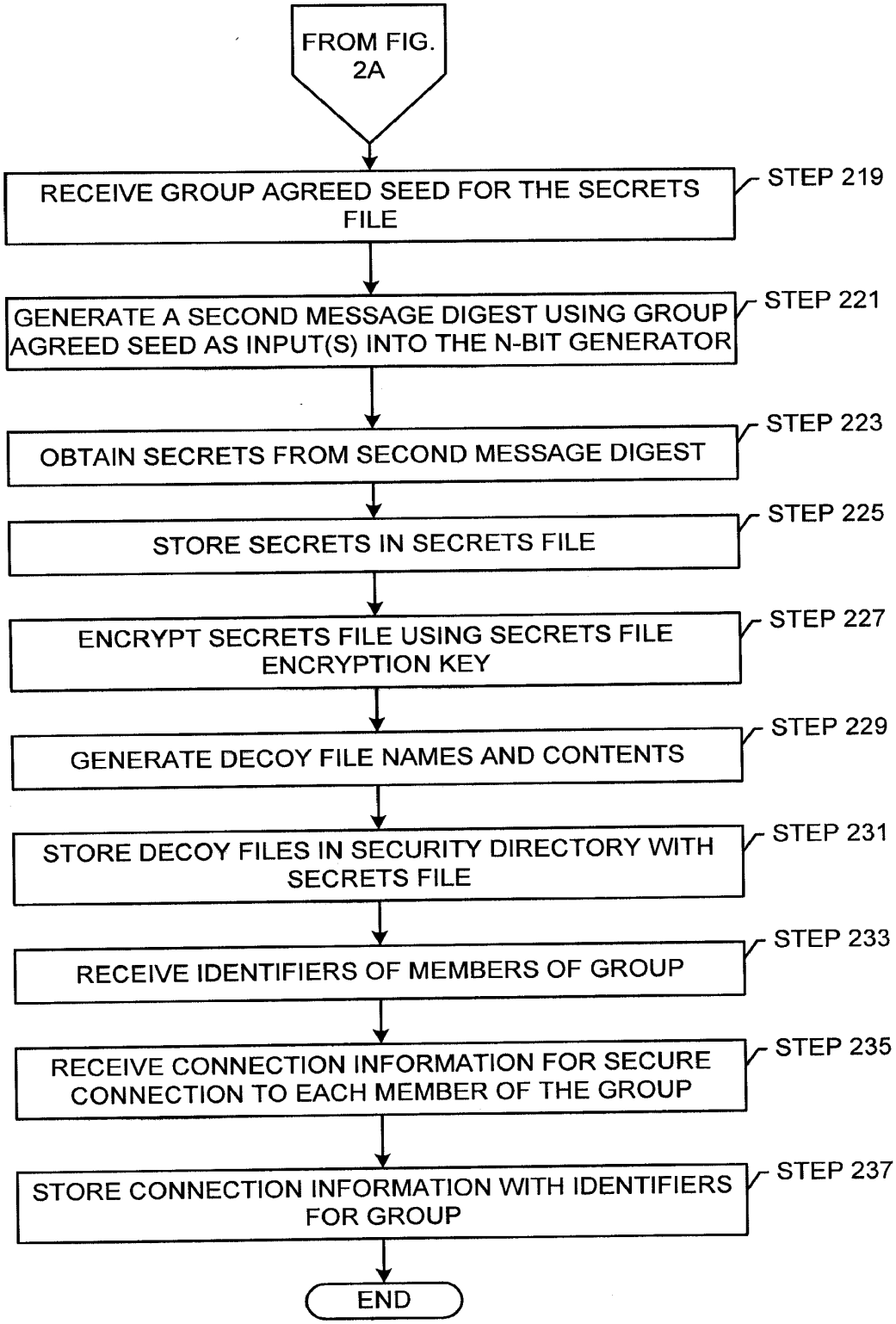

FROM FIG. 2A
RECEIVE GROUP AGREED SEED FOR THE SECRETS FILE
STEP 219
GENERATE A SECOND MESSAGE DIGEST USING GROUP AGREED SEED AS INPUT(S) INTO THE N-BIT GENERATOR
STEP 221
OBTAIN SECRETS FROM SECOND MESSAGE DIGEST
STEP 223
STORE SECRETS IN SECRETS FILE
STEP 225
ENCRYPT SECRETS FILE USING SECRETS FILE ENCRYPTION KEY
STEP 227
GENERATE DECOY FILE NAMES AND CONTENTS
STEP 229
STORE DECOY FILES IN SECURITY DIRECTORY WITH SECRETS FILE
STEP 231
RECEIVE IDENTIFIERS OF MEMBERS OF GROUP
STEP 233
RECEIVE CONNECTION INFORMATION FOR SECURE CONNECTION TO EACH MEMBER OF THE GROUP
STEP 235
STORE CONNECTION INFORMATION WITH IDENTIFIERS FOR GROUP
STEP 237
END

FIG. 2B

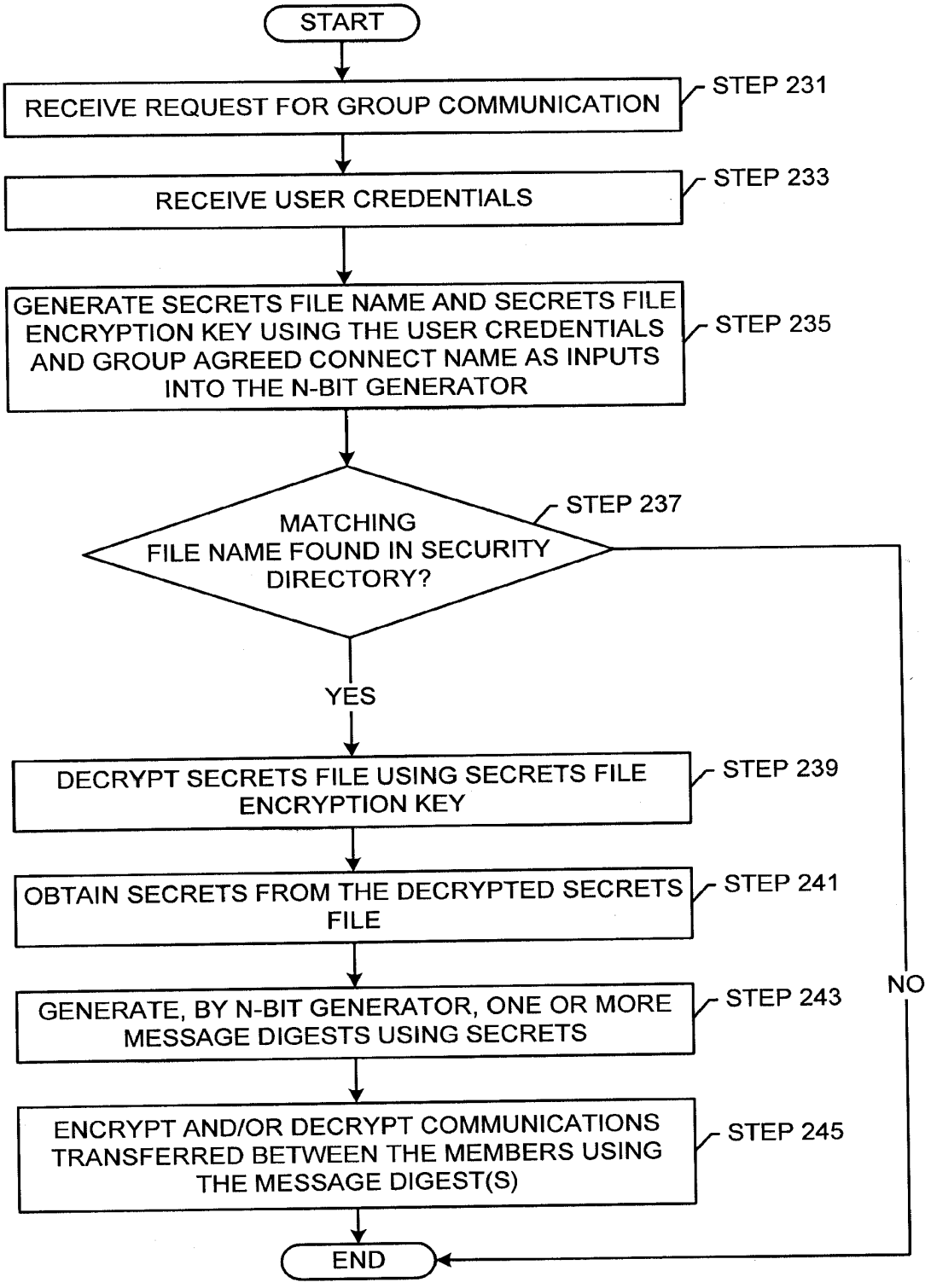

START
RECEIVE REQUEST FOR GROUP COMMUNICATION
STEP 231
RECEIVE USER CREDENTIALS
STEP 233
GENERATE SECRETS FILE NAME AND SECRETS FILE ENCRYPTION KEY USING THE USER CREDENTIALS AND GROUP AGREED CONNECT NAME AS INPUTS INTO THE N-BIT GENERATOR
STEP 235
MATCHING FILE NAME FOUND IN SECURITY DIRECTORY?
STEP 237
YES
NO
DECRYPT SECRETS FILE USING SECRETS FILE ENCRYPTION KEY
STEP 239
OBTAIN SECRETS FROM THE DECRYPTED SECRETS FILE
STEP 241
GENERATE, BY N-BIT GENERATOR, ONE OR MORE MESSAGE DIGESTS USING SECRETS
STEP 243
ENCRYPT AND/OR DECRYPT COMMUNICATIONS TRANSFERRED BETWEEN THE MEMBERS USING THE MESSAGE DIGEST(S)
STEP 245
END

FIG. 3

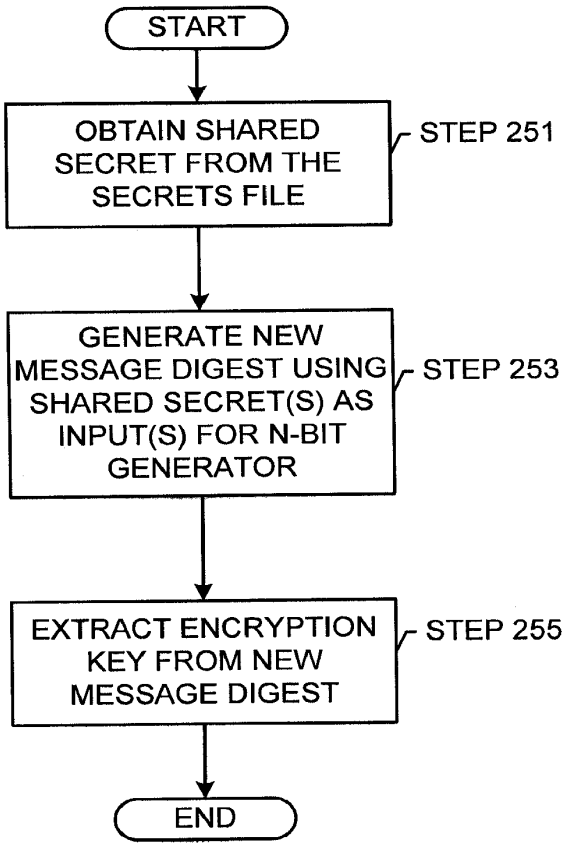

START
OBTAIN SHARED SECRET FROM THE SECRETS FILE
STEP 251
GENERATE NEW MESSAGE DIGEST USING SHARED SECRET(S) AS INPUT(S) FOR N-BIT GENERATOR
STEP 253
EXTRACT ENCRYPTION KEY FROM NEW MESSAGE DIGEST
STEP 255
END

FIG. 4A

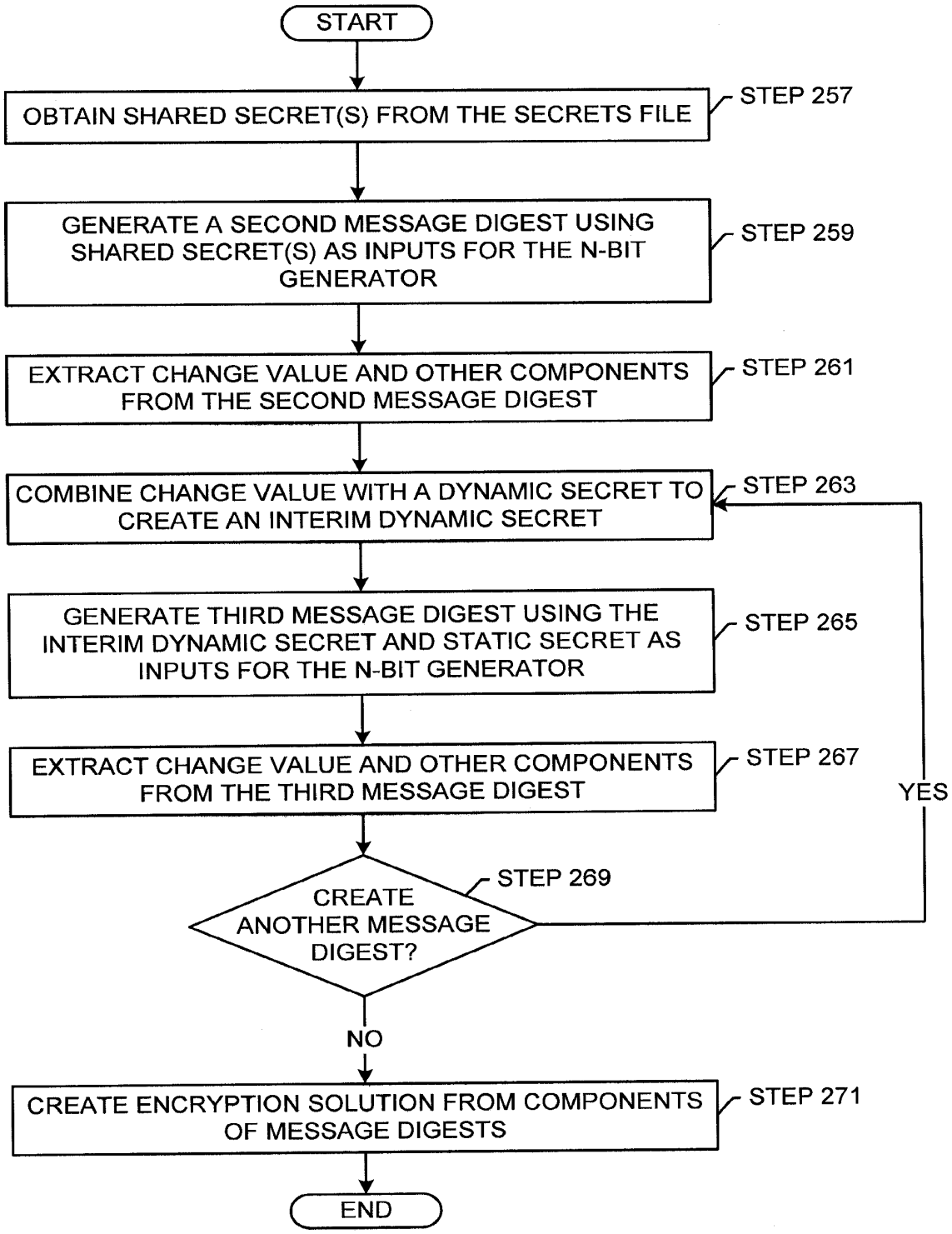

START
OBTAIN SHARED SECRET(S) FROM THE SECRETS FILE
STEP 257
GENERATE A SECOND MESSAGE DIGEST USING SHARED SECRET(S) AS INPUTS FOR THE N-BIT GENERATOR
STEP 259
EXTRACT CHANGE VALUE AND OTHER COMPONENTS FROM THE SECOND MESSAGE DIGEST
STEP 261
COMBINE CHANGE VALUE WITH A DYNAMIC SECRET TO CREATE AN INTERIM DYNAMIC SECRET
STEP 263
GENERATE THIRD MESSAGE DIGEST USING THE INTERIM DYNAMIC SECRET AND STATIC SECRET AS INPUTS FOR THE N-BIT GENERATOR
STEP 265
EXTRACT CHANGE VALUE AND OTHER COMPONENTS FROM THE THIRD MESSAGE DIGEST
STEP 267
CREATE ANOTHER MESSAGE DIGEST?
STEP 269
YES
NO
CREATE ENCRYPTION SOLUTION FROM COMPONENTS OF MESSAGE DIGESTS
STEP 271
END

FIG. 4B

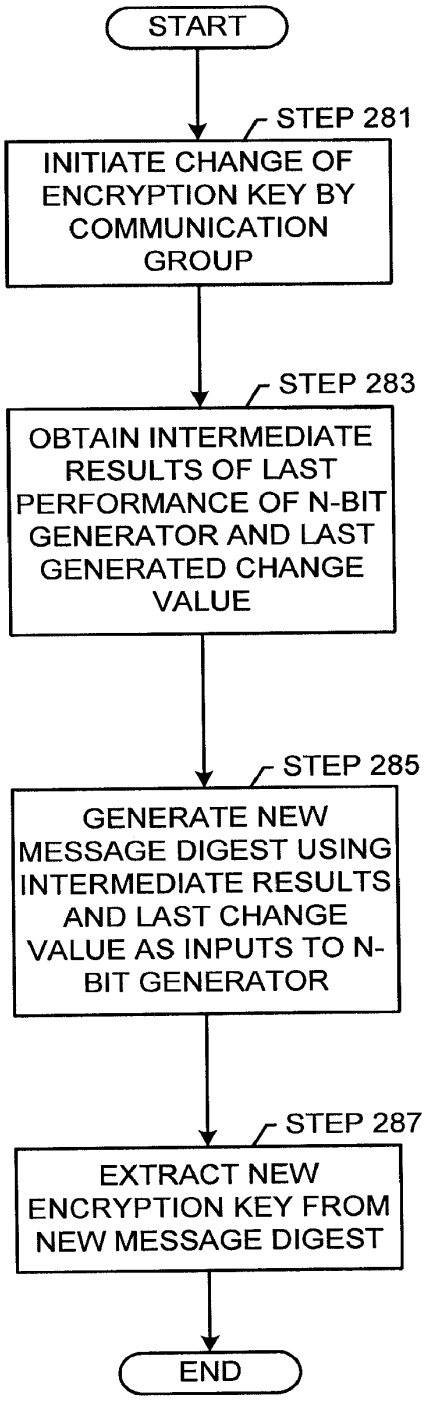

START
STEP 281
INITIATE CHANGE OF ENCRYPTION KEY BY COMMUNICATION GROUP
STEP 283
OBTAIN INTERMEDIATE RESULTS OF LAST PERFORMANCE OF N-BIT GENERATOR AND LAST GENERATED CHANGE VALUE
STEP 285
GENERATE NEW MESSAGE DIGEST USING INTERMEDIATE RESULTS AND LAST CHANGE VALUE AS INPUTS TO N-BIT GENERATOR
STEP 287
EXTRACT NEW ENCRYPTION KEY FROM NEW MESSAGE DIGEST
END

FIG. 5A

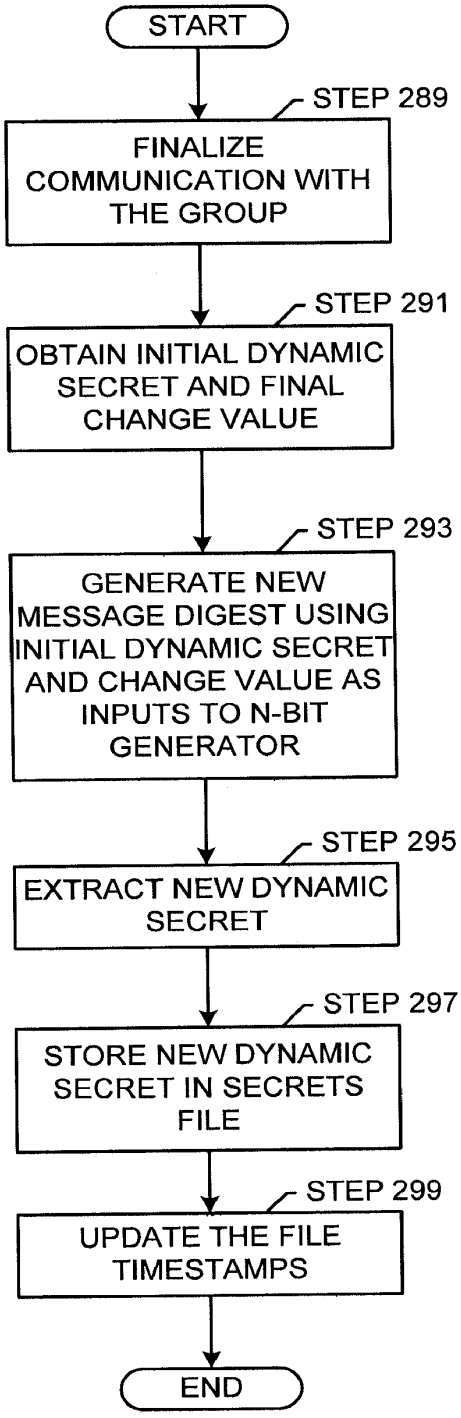

START
STEP 289
FINALIZE COMMUNICATION WITH THE GROUP
STEP 291
OBTAIN INITIAL DYNAMIC SECRET AND FINAL CHANGE VALUE
STEP 293
GENERATE NEW MESSAGE DIGEST USING INITIAL DYNAMIC SECRET AND CHANGE VALUE AS INPUTS TO N-BIT GENERATOR
STEP 295
EXTRACT NEW DYNAMIC SECRET
STEP 297
STORE NEW DYNAMIC SECRET IN SECRETS FILE
STEP 299
UPDATE THE FILE TIMESTAMPS
END

FIG. 5B

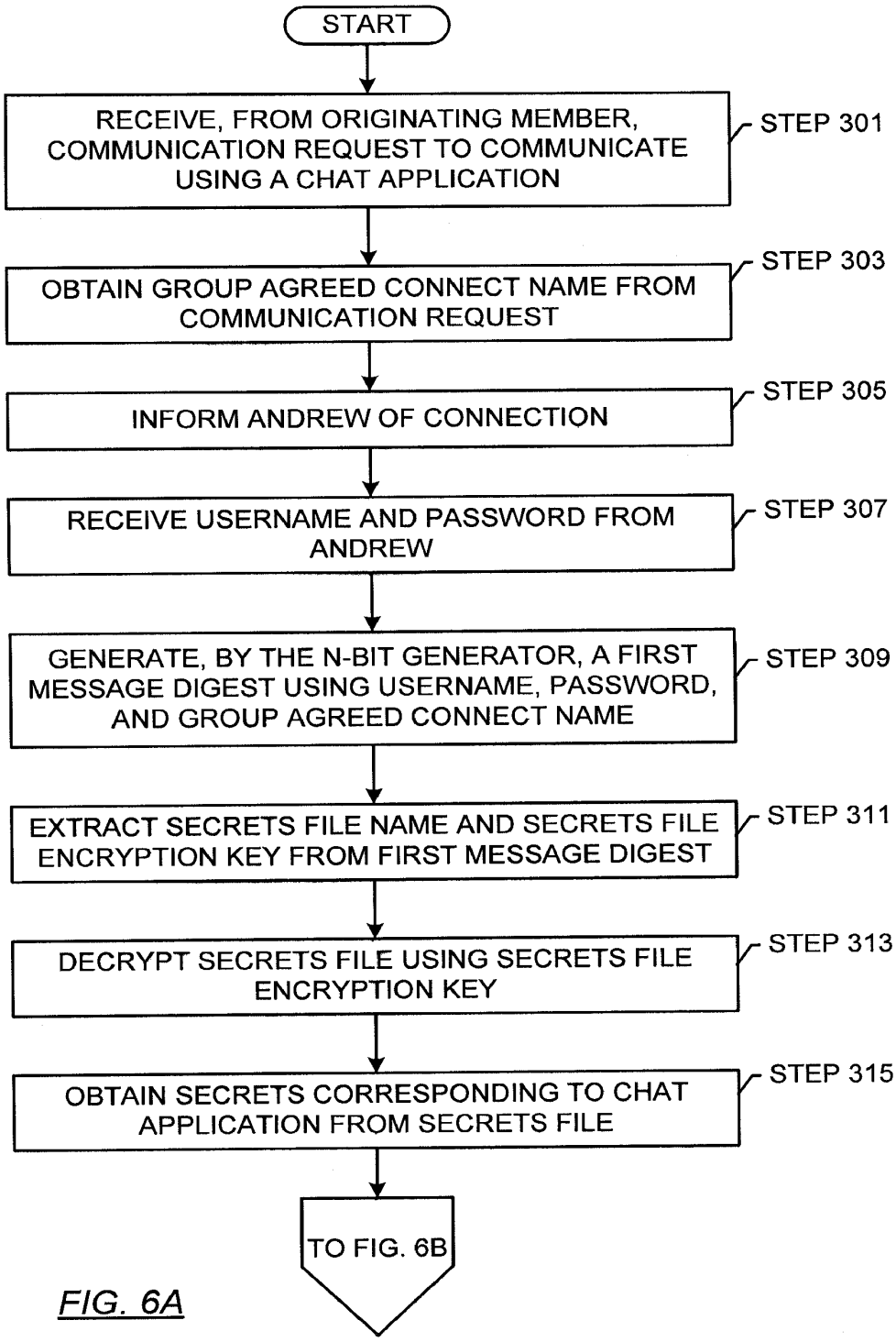

START
RECEIVE, FROM ORIGINATING MEMBER, COMMUNICATION REQUEST TO COMMUNICATE USING A CHAT APPLICATION
STEP 301
OBTAIN GROUP AGREED CONNECT NAME FROM COMMUNICATION REQUEST
STEP 303
INFORM ANDREW OF CONNECTION
STEP 305
RECEIVE USERNAME AND PASSWORD FROM ANDREW
STEP 307
GENERATE, BY THE N-BIT GENERATOR, A FIRST MESSAGE DIGEST USING USERNAME, PASSWORD, AND GROUP AGREED CONNECT NAME
STEP 309
EXTRACT SECRETS FILE NAME AND SECRETS FILE ENCRYPTION KEY FROM FIRST MESSAGE DIGEST
STEP 311
DECRYPT SECRETS FILE USING SECRETS FILE ENCRYPTION KEY
STEP 313
OBTAIN SECRETS CORRESPONDING TO CHAT APPLICATION FROM SECRETS FILE
STEP 315
TO FIG. 6B

FIG. 6A

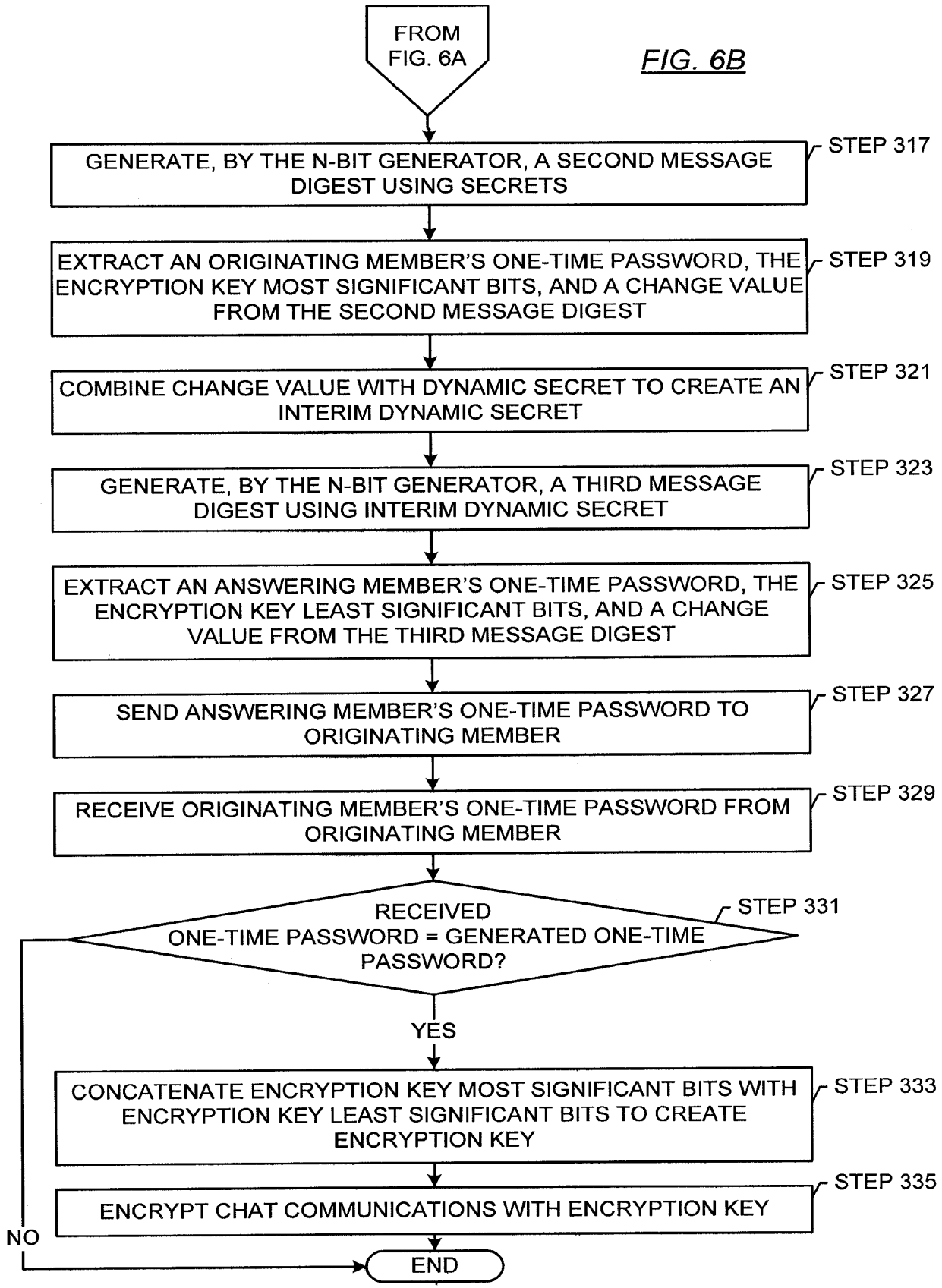

FROM FIG. 6A
GENERATE, BY THE N-BIT GENERATOR, A SECOND MESSAGE DIGEST USING SECRETS
STEP 317
EXTRACT AN ORIGINATING MEMBER'S ONE-TIME PASSWORD, THE ENCRYPTION KEY MOST SIGNIFICANT BITS, AND A CHANGE VALUE FROM THE SECOND MESSAGE DIGEST
STEP 319
COMBINE CHANGE VALUE WITH DYNAMIC SECRET TO CREATE AN INTERIM DYNAMIC SECRET
STEP 321
GENERATE, BY THE N-BIT GENERATOR, A THIRD MESSAGE DIGEST USING INTERIM DYNAMIC SECRET
STEP 323
EXTRACT AN ANSWERING MEMBER'S ONE-TIME PASSWORD, THE ENCRYPTION KEY LEAST SIGNIFICANT BITS, AND A CHANGE VALUE FROM THE THIRD MESSAGE DIGEST
STEP 325
SEND ANSWERING MEMBER'S ONE-TIME PASSWORD TO ORIGINATING MEMBER
STEP 327
RECEIVE ORIGINATING MEMBER'S ONE-TIME PASSWORD FROM ORIGINATING MEMBER
STEP 329
RECEIVED ONE-TIME PASSWORD = GENERATED ONE-TIME PASSWORD?
STEP 331
YES
NO
CONCATENATE ENCRYPTION KEY MOST SIGNIFICANT BITS WITH ENCRYPTION KEY LEAST SIGNIFICANT BITS TO CREATE ENCRYPTION KEY
STEP 333
ENCRYPT CHAT COMMUNICATIONS WITH ENCRYPTION KEY
STEP 335
END

FIG. 6B

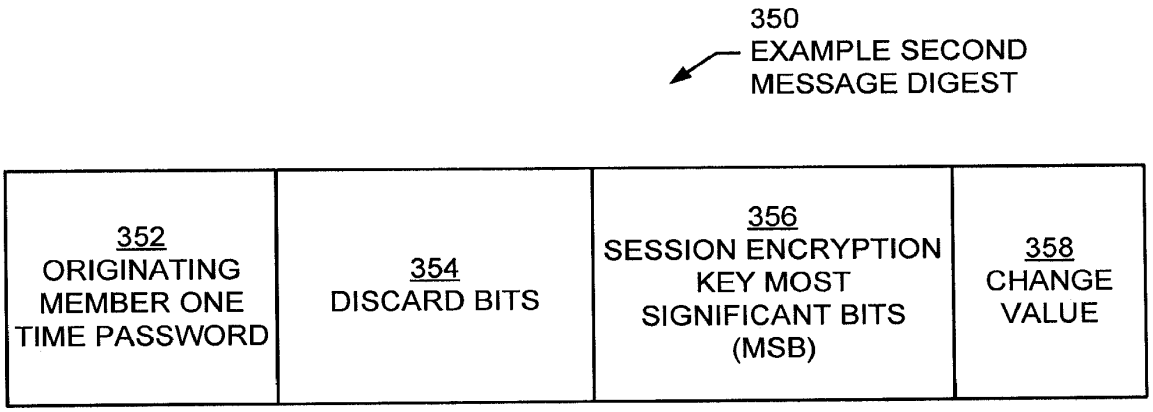

350
EXAMPLE SECOND MESSAGE DIGEST
352
ORIGINATING MEMBER ONE TIME PASSWORD
354
DISCARD BITS
356
SESSION ENCRYPTION KEY MOST SIGNIFICANT BITS (MSB)
358
CHANGE VALUE

FIG. 6C

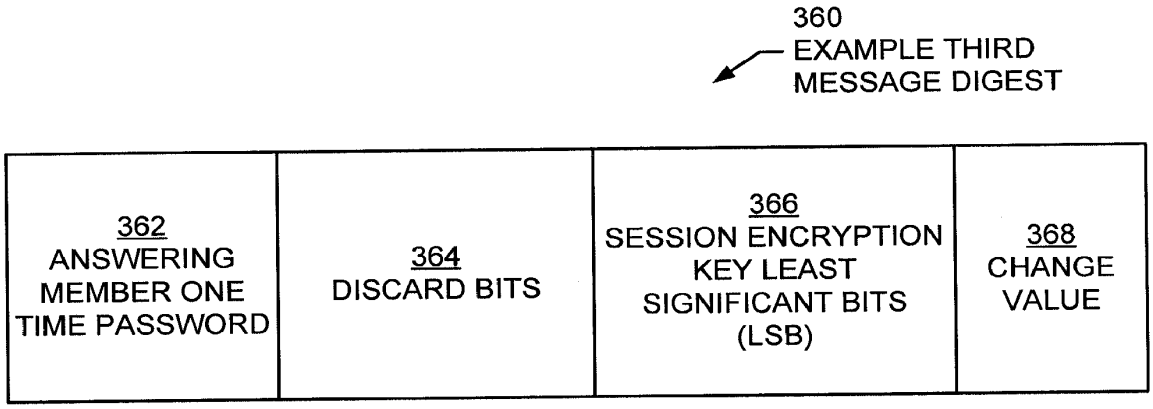

360
EXAMPLE THIRD MESSAGE DIGEST
362
ANSWERING MEMBER ONE TIME PASSWORD
364
DISCARD BITS
366
SESSION ENCRYPTION KEY LEAST SIGNIFICANT BITS (LSB)
368
CHANGE VALUE

FIG. 6D

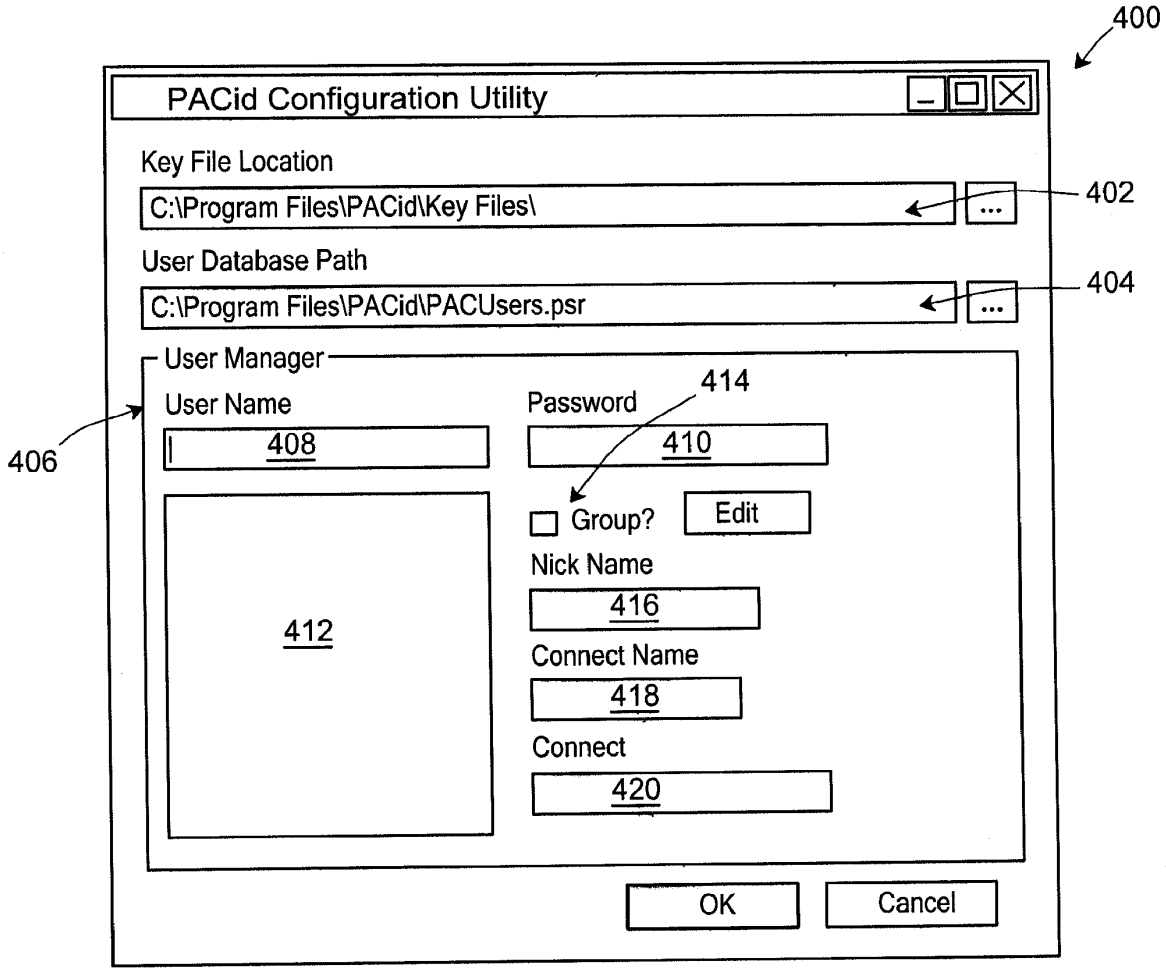

400
PACid Configuration Utility
Key File Location
C:\Program Files\PACid\Key Files\
...
402
User Database Path
C:\Program Files\PACid\PACUsers.psr
...
404
User Manager
User Name
408
406
Password
410
414
412
Group?
Edit
Nick Name
416
Connect Name
418
Connect
420
OK
Cancel

FIG.7A

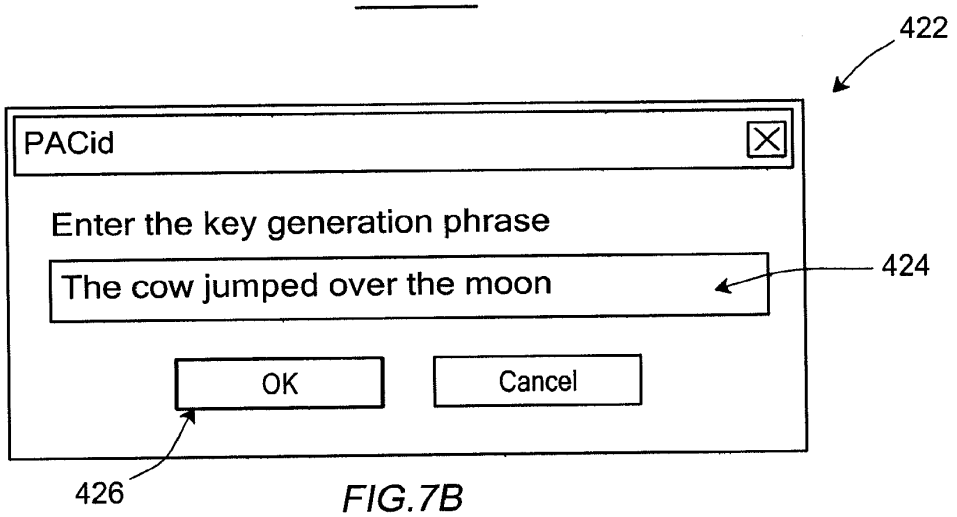

422
PACid
Enter the key generation phrase
The cow jumped over the moon
424
OK
Cancel
426

FIG.7B

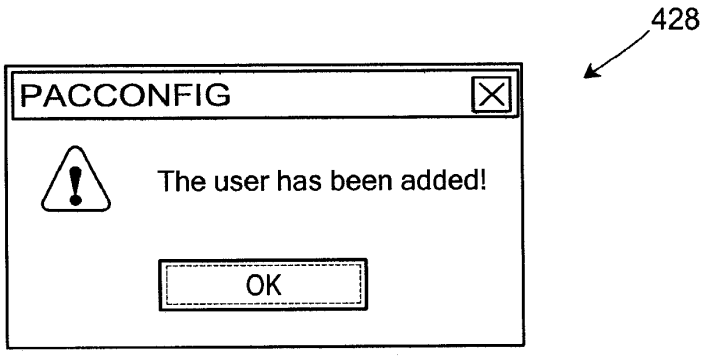

428
PACCONFIG
The user has been added!
OK

FIG.7C

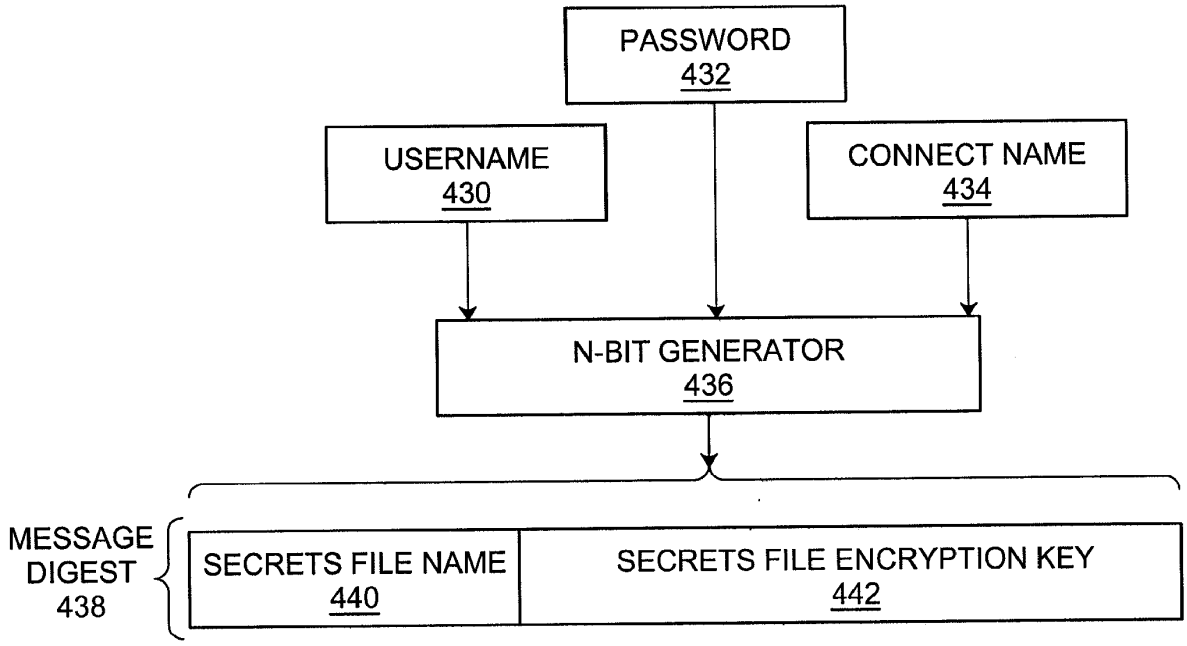

PASSWORD
432
USERNAME
430
CONNECT NAME
434
N-BIT GENERATOR
436
MESSAGE DIGEST
438
SECRETS FILE NAME
440
SECRETS FILE ENCRYPTION KEY
442

FIG.7D

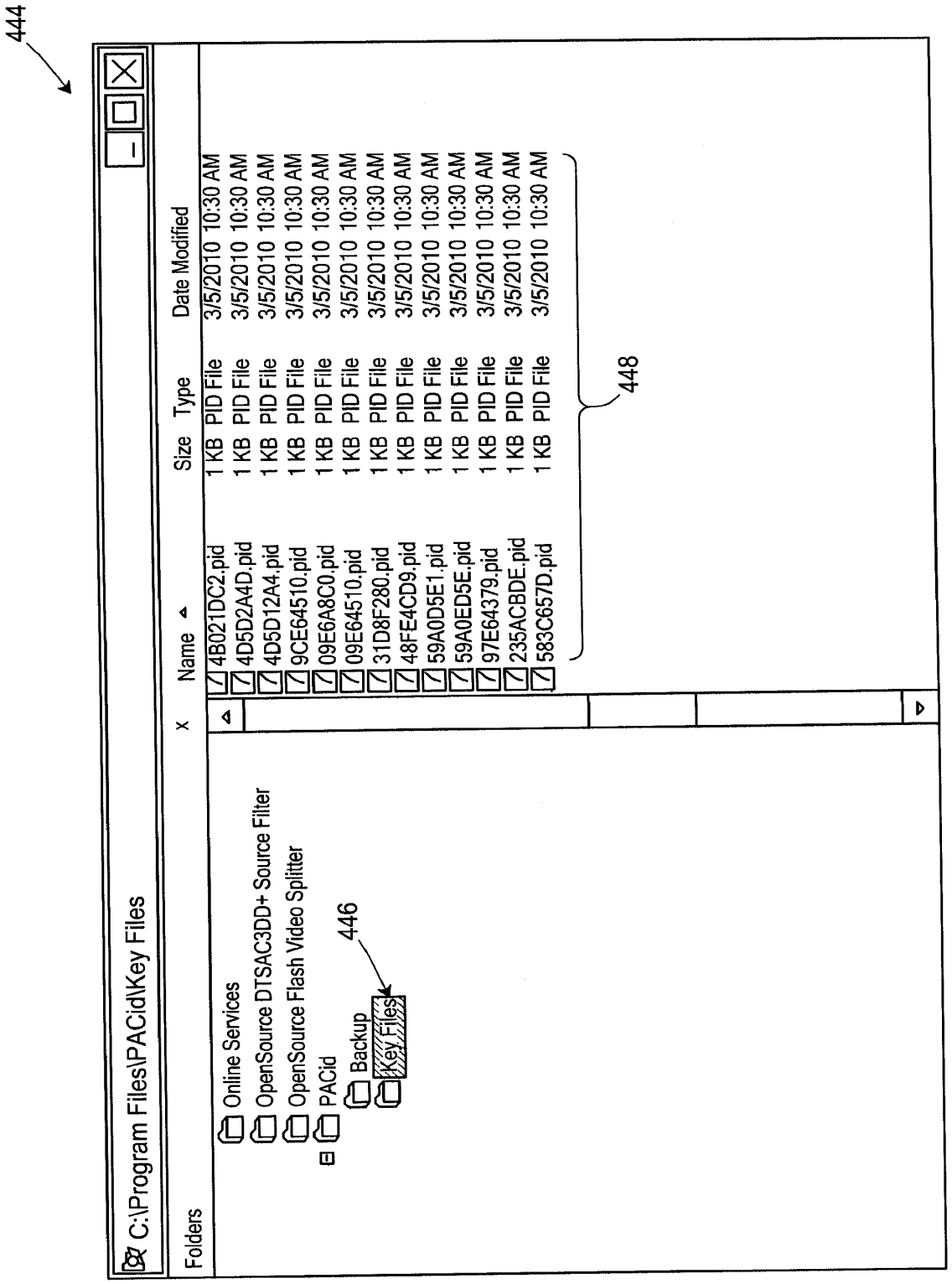

444
C:\Program Files\PACid\Key Files
Folders
Name
Size
Type
Date Modified
Online Services
OpenSource DTSAC3DD+ Source Filter
OpenSource Flash Video Splitter
PACid
Backup
Key Files
446
4B021DC2.pid 1 KB PID File 3/5/2010 10:30 AM
4D5D2A4D.pid 1 KB PID File 3/5/2010 10:30 AM
4D5D12A4.pid 1 KB PID File 3/5/2010 10:30 AM
9CE64510.pid 1 KB PID File 3/5/2010 10:30 AM
09E6A8C0.pid 1 KB PID File 3/5/2010 10:30 AM
09E64510.pid 1 KB PID File 3/5/2010 10:30 AM
31D8F280.pid 1 KB PID File 3/5/2010 10:30 AM
48FE4CD9.pid 1 KB PID File 3/5/2010 10:30 AM
59A0D5E1.pid 1 KB PID File 3/5/2010 10:30 AM
59A0ED5E.pid 1 KB PID File 3/5/2010 10:30 AM
97E64379.pid 1 KB PID File 3/5/2010 10:30 AM
235ACBDE.pid 1 KB PID File 3/5/2010 10:30 AM
583C657D.pid 1 KB PID File 3/5/2010 10:30 AM
448

FIG.7E

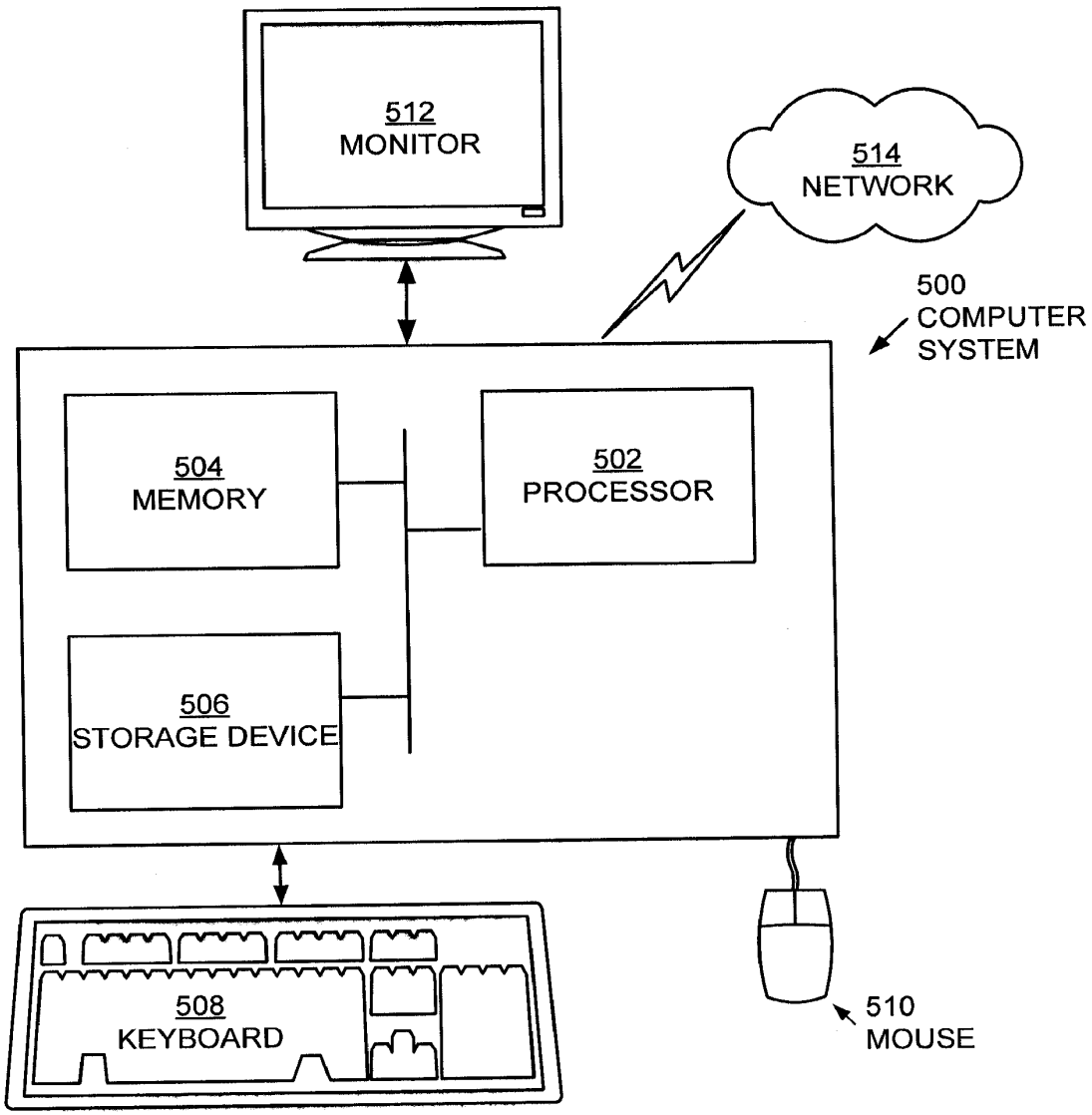

512
MONITOR
514
NETWORK
500
COMPUTER
SYSTEM
504
MEMORY
502
PROCESSOR
506
STORAGE DEVICE
508
KEYBOARD
510
MOUSE

FIG. 8

PTO/AIA/01 (06-12)
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DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76)

Title of Invention	SYSTEM AND METHOD FOR PROTECTING SECRETS FILE

As the below named inventor, I hereby declare that:

This declaration is directed to:
- [x] The attached application, or
- [ ] United States application or PCT international application number _____ filed on _____.

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 application.

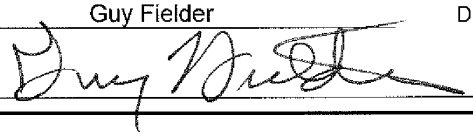
I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

WARNING:

Petitioner/applicant is cautioned to avoid submitting personal information in documents filed in a patent application that may contribute to identity theft. Personal information such as social security numbers, bank account numbers, or credit card numbers (other than a check or credit card authorization form PTO-2038 submitted for payment purposes) is never required by the USPTO to support a petition or an application. If this type of personal information is included in documents submitted to the USPTO, petitioners/applicants should consider redacting such personal information from the documents before submitting them to the USPTO. Petitioner/applicant is advised that the record of a patent application is available to the public after publication of the application (unless a non-publication request in compliance with 37 CFR 1.213(a) is made in the application) or issuance of a patent. Furthermore, the record from an abandoned application may also be available to the public if the application is referenced in a published application or an issued patent (see 37 CFR 1.14). Checks and credit card authorization forms PTO-2038 submitted for payment purposes are not retained in the application file and therefore are not publicly available.

LEGAL NAME OF INVENTOR

Inventor: Guy Fielder Date (Optional): Mar 26, 2014

Signature: 

Note: An application data sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form or must have been previously filed. Use an additional PTO/AIA/01 form for each additional inventor.

22511
PATENT TRADEMARK OFFICE

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named Inventor: Guy Fielder

Application No.: Not yet assigned
Filed: Herewith

Examiner: Not Yet Assigned
Art Unit: Not Yet Assigned

Docket No.: 5101-0005-C4

Customer No.: 27571

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §1.97

In accordance with the duty of disclosure, enclosed is a copy of IDS Citation Form PTO/SB/08, together with copies of the documents cited on that form, except for copies not required to be submitted (e.g. copies of U.S. patents and U.S. published patent applications that need not be included and copies of Non Patent Literature documents that were previously provided in parent application Nos. 14/861,630 filed 09-22-2015 and 13/203,327 filed 08-25-2011). This IDS and IDS Citation Form are being submitted before the mailing of a First Office Action. It is respectfully requested that the cited references be considered and that the enclosed copy of PTO/SB/08 be initialed by the Examiner to indicate such consideration and a copy thereof returned to applicant(s).

The submission of this Information Disclosure Statement is not to be construed as a representation that a search has been made in the subject application and is not to be construed as an admission that the information cited in this statement is material to patentability.

Please charge any fees due to Deposit Account No. 50-5798.

Respectfully submitted,

Date: January 6, 2017

/Tarek N. Fahmi/
Tarek N. Fahmi
Reg. No. 41,402

ASCENDA LAW GROUP, PC
333 W. San Carlos St., Suite 200
San Jose, CA 95110-2730
(866) 877-4883

Doc Code: PA..
Document Description: Power of Attorney

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Application Number	15/399,983
Filing Date	01-06-2017
First Named Inventor	Guy Fielder
Title	SYSTEM AND METHOD FOR AUTHENTICATING USERS
Art Unit	
Examiner Name	
Attorney Docket Number	5101-0005-C4

SIGNATURE of Applicant or Patent Practitioner

Signature	/Tarek N. Fahmi	Date (Optional)	2017-01-06
Name	Tarek N. Fahmi	Registration Number	41402
Title (if Applicant is a juristic entity)			
Applicant Name (if Applicant is a juristic entity)			

NOTE: This form must be signed in accordance with 37 CFR 1.33. See 37 CFR 1.4(d) for signature requirements and certifications. If more than one applicant, use multiple forms.

☐ *Total of _____ forms are submitted.

This collection of information is required by 37 CFR 1.131, 1.32, and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Doc Code: PA..
Document Description: Power of Attorney

PTO/AIA/82B (07-13)
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POWER OF ATTORNEY BY APPLICANT

I hereby revoke all previous powers of attorney given in the application identified in either the attached transmittal letter or the boxes below.

Application Number	Filing Date

(Note: The boxes above may be left blank if information is provided on form PTO/AIA/82A.)

☑ I hereby appoint the Patent Practitioner(s) associated with the following Customer Number as my/our attorney(s) or agent(s), and to transact all business in the United States Patent and Trademark Office connected therewith for the application referenced in the attached transmittal letter (form PTO/AIA/82A) or identified above: 27571

OR

☐ I hereby appoint Practitioner(s) named in the attached list (form PTO/AIA/82C) as my/our attorney(s) or agent(s), and to transact all business in the United States Patent and Trademark Office connected therewith for the patent application referenced in the attached transmittal letter (form PTO/AIA/82A) or identified above. (Note: Complete form PTO/AIA/82C.)

Please recognize or change the correspondence address for the application identified in the attached transmittal letter or the boxes above to:

☐ The address associated with the above-mentioned Customer Number

OR

☐ The address associated with Customer Number:

OR

Firm or Individual Name					
Address					
City		State		Zip	
Country					
Telephone		Email			

I am the Applicant (if the Applicant is a juristic entity, list the Applicant name in the box):

PACid Technologies, LLC

☐ Inventor or Joint Inventor (title not required below)

☐ Legal Representative of a Deceased or Legally Incapacitated Inventor (title not required below)

☑ Assignee or Person to Whom the Inventor is Under an Obligation to Assign (provide signer's title if applicant is a juristic entity)

☐ Person Who Otherwise Shows Sufficient Proprietary Interest (e.g., a petition under 37 CFR 1.46(b)(2) was granted in the application or is concurrently being filed with this document) (provide signer's title if applicant is a juristic entity)

SIGNATURE of Applicant for Patent

The undersigned (whose title is supplied below) is authorized to act on behalf of the applicant (e.g., where the applicant is a juristic entity).

Signature		Date (Optional)	
Name	Guy L. Fielder		
Title	Chief Executive Officer/Founder, PACid Technologies, LLC		

NOTE: Signature - This form must be signed by the applicant in accordance with 37 CFR 1.33. See 37 CFR 1.4 for signature requirements and certifications. If more than one applicant, use multiple forms.

☑ Total of 1 forms are submitted.

This collection of information is required by 37 CFR 1.131, 1.32, and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

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EFS ID:	28000460
Application Number:	15399983
International Application Number:	
Confirmation Number:	8554
Title of Invention:	SYSTEM AND METHOD FOR AUTHENTICATING USERS
First Named Inventor/Applicant Name:	Guy Fielder
Customer Number:	27571
Filer:	Tarek N. Fahmi/Sarah Zizzo
Filer Authorized By:	Tarek N. Fahmi
Attorney Docket Number:	5101-0005-C4
Receipt Date:	06-JAN-2017
Filing Date:	
Time Stamp:	19:11:42
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	no

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Assignee showing of ownership per 37 CFR 3.73	5101-0005-C4_Statement_3-73c.pdf	95905 5b6c49025811b1e244ec1031f4429ec6410eb1aa	no	3
Warnings:					

Information:					
2	Power of Attorney	5101-0005-C4_POA.pdf	357955 90257e7427fed6d595a98b4698e4a44ee3cadb9a	no	2
Warnings:					
Information:					
			Total Files Size (in bytes):	453860	

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111
If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371
If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office
If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

PTO/AIA/96 (08-12)
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STATEMENT UNDER 37 CFR 3.73(c)

Applicant/Patent Owner: PACID TECHNOLOGIES, LLC

Application No./Patent No.: 15/399,983 Filed/Issue Date: 01-06-2017

Titled: SYSTEM AND METHOD FOR AUTHENTICATING USERS

PACID TECHNOLOGIES, LLC, a company

(Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that, for the patent application/patent identified above, it is (choose **one** of options 1, 2, 3 or 4 below):

1. ☑ The assignee of the entire right, title, and interest.

2. ☐ An assignee of less than the entire right, title, and interest (check applicable box):

   ☐ The extent (by percentage) of its ownership interest is _____%. Additional Statement(s) by the owners holding the balance of the interest must be submitted to account for 100% of the ownership interest.

   ☐ There are unspecified percentages of ownership. The other parties, including inventors, who together own the entire right, title and interest are:

   Additional Statement(s) by the owner(s) holding the balance of the interest must be submitted to account for the entire right, title, and interest.

3. ☐ The assignee of an undivided interest in the entirety (a complete assignment from one of the joint inventors was made). The other parties, including inventors, who together own the entire right, title, and interest are:

   Additional Statement(s) by the owner(s) holding the balance of the interest must be submitted to account for the entire right, title, and interest.

4. ☐ The recipient, via a court proceeding or the like (*e.g.*, bankruptcy, probate), of an undivided interest in the entirety (a complete transfer of ownership interest was made). The certified document(s) showing the transfer is attached.

The interest identified in option 1, 2 or 3 above (not option 4) is evidenced by either (choose **one** of options A or B below):

A. ☑ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel 024869, Frame 0590, or for which a copy thereof is attached.

B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as follows:

   1. From: _____ To: _____

      The document was recorded in the United States Patent and Trademark Office at

      Reel _____, Frame _____, or for which a copy thereof is attached.

   2. From: _____ To: _____

      The document was recorded in the United States Patent and Trademark Office at

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This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

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STATEMENT UNDER 37 CFR 3.73(c)

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☐ Additional documents in the chain of title are listed on a supplemental sheet(s).

☑ As required by 37 CFR 3.73(c)(1)(i), the documentary evidence of the chain of title from the original owner to the assignee was, or concurrently is being, submitted for recordation pursuant to 37 CFR 3.11.

[NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, to record the assignment in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

/Tarek N. Fahmi/	2017-01-06
Signature	Date
Tarek N. Fahmi	41402
Printed or Typed Name	Title or Registration Number

Privacy Act Statement

The **Privacy Act of 1974 (P.L. 93-579)** requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether disclosure of these records is required by the Freedom of Information Act.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (*i.e.*, GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspection or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

PATENT APPLICATION FEE DETERMINATION RECORD

Substitute for Form PTO-875

Application or Docket Number: 15/399,983

APPLICATION AS FILED - PART I

FOR	(Column 1) NUMBER FILED	(Column 2) NUMBER EXTRA	SMALL ENTITY RATE($)	SMALL ENTITY FEE($)	OR	OTHER THAN SMALL ENTITY RATE($)	OTHER THAN SMALL ENTITY FEE($)
BASIC FEE (37 CFR 1.16(a), (b), or (c))	N/A	N/A	N/A	70		N/A	
SEARCH FEE (37 CFR 1.16(k), (i), or (m))	N/A	N/A	N/A	300		N/A	
EXAMINATION FEE (37 CFR 1.16(o), (p), or (q))	N/A	N/A	N/A	360		N/A	
TOTAL CLAIMS (37 CFR 1.16(i))	9 minus 20 =	*	x 40 =	0.00	OR		
INDEPENDENT CLAIMS (37 CFR 1.16(h))	1 minus 3 =	*	x 210 =	0.00			
APPLICATION SIZE FEE (37 CFR 1.16(s))	If the specification and drawings exceed 100 sheets of paper, the application size fee due is $310 ($155 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).			0.00			
MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(j))				0.00			
* If the difference in column 1 is less than zero, enter "0" in column 2.			TOTAL	730		TOTAL	

APPLICATION AS AMENDED - PART II

		(Column 1) CLAIMS REMAINING AFTER AMENDMENT		(Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR	(Column 3) PRESENT EXTRA	SMALL ENTITY RATE($)	SMALL ENTITY ADDITIONAL FEE($)	OR	OTHER THAN SMALL ENTITY RATE($)	OTHER THAN SMALL ENTITY ADDITIONAL FEE($)
AMENDMENT A	Total (37 CFR 1.16(i))	*	Minus	**	=	x =		OR	x =	
	Independent (37 CFR 1.16(h))	*	Minus	***	=	x =		OR	x =	
	Application Size Fee (37 CFR 1.16(s))									
	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))							OR		
						TOTAL ADD'L FEE		OR	TOTAL ADD'L FEE	

		(Column 1) CLAIMS REMAINING AFTER AMENDMENT		(Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR	(Column 3) PRESENT EXTRA	RATE($)	ADDITIONAL FEE($)	OR	RATE($)	ADDITIONAL FEE($)
AMENDMENT B	Total (37 CFR 1.16(i))	*	Minus	**	=	x =		OR	x =	
	Independent (37 CFR 1.16(h))	*	Minus	***	=	x =		OR	x =	
	Application Size Fee (37 CFR 1.16(s))									
	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))							OR		
						TOTAL ADD'L FEE		OR	TOTAL ADD'L FEE	

* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.

** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".

*** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".

The "Highest Number Previously Paid For" (Total or Independent) is the highest found in the appropriate box in column 1.

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APPLICATION NUMBER	FILING or 371(c) DATE	GRP ART UNIT	FIL FEE REC'D	ATTY.DOCKET.NO	TOT CLAIMS	IND CLAIMS
15/399,983	01/06/2017		730	5101-0005-C4	9	1

CONFIRMATION NO. 8554

FILING RECEIPT

27571
Ascenda Law Group, PC
333 W San Carlos St.
Suite 200
San Jose, CA 95110

OC000000088472739

Date Mailed: 01/17/2017

Receipt is acknowledged of this non-provisional patent application. The application will be taken up for examination in due course. Applicant will be notified as to the results of the examination. Any correspondence concerning the application must include the following identification information: the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. **If an error is noted on this Filing Receipt, please submit a written request for a Filing Receipt Correction. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections**

Inventor(s)

Guy Fielder, Austin, TX;

Applicant(s)

PACID TECHNOLOGIES, LLC, Austin, TX;

Power of Attorney: The patent practitioners associated with Customer Number 27571

Domestic Priority data as claimed by applicant

This application is a CON of 15/195,606 06/28/2016
which is a CON of 14/861,630 09/22/2015 PAT 9411972
which is a CON of 14/228,463 03/28/2014 PAT 9165153
which is a CON of 13/203,327 08/25/2011 PAT 8726032
which is a 371 of PCT/US10/28562 03/25/2010
which claims benefit of 61/163,406 03/25/2009

Foreign Applications for which priority is claimed (You may be eligible to benefit from the **Patent Prosecution Highway** program at the USPTO. Please see http://www.uspto.gov for more information.) - None.
Foreign application information must be provided in an Application Data Sheet in order to constitute a claim to foreign priority. See 37 CFR 1.55 and 1.76.

Permission to Access Application via Priority Document Exchange: Yes

Permission to Access Search Results: Yes

Applicant may provide or rescind an authorization for access using Form PTO/SB/39 or Form PTO/SB/69 as appropriate.

If Required, Foreign Filing License Granted: 01/12/2017

The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is **US 15/399,983**

Projected Publication Date: 04/27/2017

Non-Publication Request: No

Early Publication Request: No
** **SMALL ENTITY** **
Title

SYSTEM AND METHOD FOR AUTHENTICATING USERS

Preliminary Class

Statement under 37 CFR 1.55 or 1.78 for AIA (First Inventor to File) Transition Applications: No

PROTECTING YOUR INVENTION OUTSIDE THE UNITED STATES

Since the rights granted by a U.S. patent extend only throughout the territory of the United States and have no effect in a foreign country, an inventor who wishes patent protection in another country must apply for a patent in a specific country or in regional patent offices. Applicants may wish to consider the filing of an international application under the Patent Cooperation Treaty (PCT). An international (PCT) application generally has the same effect as a regular national patent application in each PCT-member country. The PCT process **simplifies** the filing of patent applications on the same invention in member countries, but **does not result** in a grant of "an international patent" and does not eliminate the need of applicants to file additional documents and fees in countries where patent protection is desired.

Almost every country has its own patent law, and a person desiring a patent in a particular country must make an application for patent in that country in accordance with its particular laws. Since the laws of many countries differ in various respects from the patent law of the United States, applicants are advised to seek guidance from specific foreign countries to ensure that patent rights are not lost prematurely.

Applicants also are advised that in the case of inventions made in the United States, the Director of the USPTO must issue a license before applicants can apply for a patent in a foreign country. The filing of a U.S. patent application serves as a request for a foreign filing license. The application's filing receipt contains further information and guidance as to the status of applicant's license for foreign filing.

Applicants may wish to consult the USPTO booklet, "General Information Concerning Patents" (specifically, the section entitled "Treaties and Foreign Patents") for more information on timeframes and deadlines for filing foreign patent applications. The guide is available either by contacting the USPTO Contact Center at 800-786-9199, or it can be viewed on the USPTO website at http://www.uspto.gov/web/offices/pac/doc/general/index.html.

For information on preventing theft of your intellectual property (patents, trademarks and copyrights), you may wish to consult the U.S. Government website, http://www.stopfakes.gov. Part of a Department of Commerce initiative, this website includes self-help "toolkits" giving innovators guidance on how to protect intellectual property in specific countries such as China, Korea and Mexico. For questions regarding patent enforcement issues, applicants may call the U.S. Government hotline at 1-866-999-HALT (1-866-999-4258).

LICENSE FOR FOREIGN FILING UNDER

Title 35, United States Code, Section 184

Title 37, Code of Federal Regulations, 5.11 & 5.15

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NOT GRANTED

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).

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APPLICATION NUMBER	FILING OR 371(C) DATE	FIRST NAMED APPLICANT	ATTY. DOCKET NO./TITLE
15/399,983	01/06/2017	Guy Fielder	5101-0005-C4

CONFIRMATION NO. 8554

27571
Ascenda Law Group, PC
333 W San Carlos St.
Suite 200
San Jose, CA 95110

PUBLICATION NOTICE



Title:SYSTEM AND METHOD FOR AUTHENTICATING USERS

Publication No.US-2017-0118182-A1
Publication Date:04/27/2017

NOTICE OF PUBLICATION OF APPLICATION

The above-identified application will be electronically published as a patent application publication pursuant to 37 CFR 1.211, et seq. The patent application publication number and publication date are set forth above.

The publication may be accessed through the USPTO's publically available Searchable Databases via the Internet at www.uspto.gov. The direct link to access the publication is currently http://www.uspto.gov/patft/.

The publication process established by the Office does not provide for mailing a copy of the publication to applicant. A copy of the publication may be obtained from the Office upon payment of the appropriate fee set forth in 37 CFR 1.19(a)(1). Orders for copies of patent application publications are handled by the USPTO's Office of Public Records. The Office of Public Records can be reached by telephone at (571) 272-3150 or (800) 972-6382, by facsimile at (571) 273-3250, by mail addressed to the United States Patent and Trademark Office, Office of Public Records, Alexandria, VA 22313-1450 or via the Internet.

In addition, information on the status of the application, including the mailing date of Office actions and the dates of receipt of correspondence filed in the Office, may also be accessed via the Internet through the Patent Electronic Business Center at www.uspto.gov using the public side of the Patent Application Information and Retrieval (PAIR) system. The direct link to access this status information is currently http://pair.uspto.gov/. Prior to publication, such status information is confidential and may only be obtained by applicant using the private side of PAIR.

Further assistance in electronically accessing the publication, or about PAIR, is available by calling the Patent Electronic Business Center at 1-866-217-9197.

Office of Data Managment, Application Assistance Unit (571) 272-4000, or (571) 272-4200, or 1-888-786-0101

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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
15/399,983	01/06/2017	Guy Fielder	5101-0005-C4	8554

27571 7590 07/14/2017

Ascenda Law Group, PC
333 W San Carlos St.
Suite 200
San Jose, CA 95110

EXAMINER
SHAW, BRIAN F

ART UNIT	PAPER NUMBER
2491	

NOTIFICATION DATE	DELIVERY MODE
07/14/2017	ELECTRONIC

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

patents@ascendalaw.com
tarek.fahmi@ascendalaw.com

Office Action Summary	Application No. 15/399,983	Applicant(s) FIELDER, GUY	
	Examiner BRIAN F. SHAW	Art Unit 2491	AIA (First Inventor to File) Status No

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTHS FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on *01/06/2017*.

☐ A declaration(s)/affidavit(s) under **37 CFR 1.130(b)** was/were filed on _____.

2a)☐ This action is **FINAL**. 2b)☒ This action is non-final.

3)☐ An election was made by the applicant in response to a restriction requirement set forth during the interview on _____; the restriction requirement and election have been incorporated into this action.

4)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims*

5)☒ Claim(s) *1-9* is/are pending in the application.

5a) Of the above claim(s) _____ is/are withdrawn from consideration.

6)☐ Claim(s) _____ is/are allowed.

7)☒ Claim(s) *1-9* is/are rejected.

8)☐ Claim(s) _____ is/are objected to.

9)☐ Claim(s) _____ are subject to restriction and/or election requirement.

* If any claims have been determined allowable, you may be eligible to benefit from the **Patent Prosecution Highway** program at a participating intellectual property office for the corresponding application. For more information, please see http://www.uspto.gov/patents/init_events/pph/index.jsp or send an inquiry to PPHfeedback@uspto.gov.

Application Papers

10)☐ The specification is objected to by the Examiner.

11)☒ The drawing(s) filed on *01/06/2017* is/are: a)☒ accepted or b)☐ objected to by the Examiner.

Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

Priority under 35 U.S.C. § 119

12)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

Certified copies:

a)☐ All b)☐ Some** c)☐ None of the:

1.☐ Certified copies of the priority documents have been received.

2.☐ Certified copies of the priority documents have been received in Application No. _____.

3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

** See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) ☐ Notice of References Cited (PTO-892)

2) ☒ Information Disclosure Statement(s) (PTO/SB/08a and/or PTO/SB/08b) Paper No(s)/Mail Date _____.

3) ☐ Interview Summary (PTO-413) Paper No(s)/Mail Date. _____ .

4) ☐ Other: _____.

1. The present application is being examined under the pre-AIA first to invent provisions.

DETAILED ACTION

Double Patenting

1. A rejection based on double patenting of the "same invention" type finds its support in the language of 35 U.S.C. 101 which states that "whoever invents or discovers any new and useful process... may obtain a patent therefor..." (Emphasis added). Thus, the term "same invention," in this context, means an invention drawn to identical subject matter. See *Miller v. Eagle Mfg. Co.*, 151 U.S. 186 (1894); *In re Vogel*, 422 F.2d 438, 164 USPQ 619 (CCPA 1970); *In re Ockert*, 245 F.2d 467, 114 USPQ 330 (CCPA 1957).

A statutory type (35 U.S.C. 101) double patenting rejection can be overcome by canceling or amending the claims that are directed to the same invention so they are no longer coextensive in scope. The filing of a terminal disclaimer cannot overcome a double patenting rejection based upon 35 U.S.C. 101.

2. Claim 1 is rejected under 35 U.S.C. 101 as claiming the same invention as that of claims 1 – 2 of prior U.S. Patent No. 9577993. This is a statutory double patenting rejection.

3. The nonstatutory double patenting rejection is based on a judicially created doctrine grounded in public policy (a policy reflected in the statute) so as to prevent the unjustified or improper timewise extension of the "right to exclude" granted by a patent and to prevent possible harassment by multiple assignees. A nonstatutory obviousness-type double patenting rejection is appropriate where the conflicting claims are not identical, but at least one examined application claim is not patentably distinct from the reference claim(s) because the examined application claim is either anticipated by, or would have been obvious over, the reference

claim(s). See, e.g., *In re Berg*, 140 F.3d 1428, 46 USPQ2d 1226 (Fed. Cir. 1998); *In re Goodman*, 11 F.3d 1046, 29 USPQ2d 2010 (Fed. Cir. 1993); *In re Longi*, 759 F.2d 887, 225 USPQ 645 (Fed. Cir. 1985); *In re Van Ornum*, 686 F.2d 937, 214 USPQ 761 (CCPA 1982); *In re Vogel*, 422 F.2d 438, 164 USPQ 619 (CCPA 1970); and *In re Thorington*, 418 F.2d 528, 163 USPQ 644 (CCPA 1969).

> A timely filed terminal disclaimer in compliance with 37 CFR 1.321(c) or 1.321(d) may be used to overcome an actual or provisional rejection based on a nonstatutory double patenting ground provided the conflicting application or patent either is shown to be commonly owned with this application, or claims an invention made as a result of activities undertaken within the scope of a joint research agreement.
>
> Effective January 1, 1994, a registered attorney or agent of record may sign a terminal disclaimer. A terminal disclaimer signed by the assignee must fully comply with 37 CFR 3.73(b).

4. Claims 2 – 9 of the instant application are rejected on the ground of nonstatutory obviousness-type double patenting as being unpatentable over claims 1 – 22 of U.S. Patent No. 9577993.

Although the conflicting claims are not identical, they are not patentably distinct from each other because the claims of the instant application are within the scope of the claims of the Patent.

Moreover, the doctrine of double patenting seeks to prevent the unjustified extension of patent exclusivity beyond the term of a patent.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Brian Shaw whose telephone number is (571) 270-5191. The examiner can normally be reached on Mon-Thurs from 6:00 AM-3:30 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's Supervisor, Ashok Patel can be reached on (571) 272-3972. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

/Brian F. Shaw/
Primary Examiner, Art Unit 2491

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[HTML] The SSL protocol [HTML] W
K Hickman, T Elgamal - Netscape communications corp, 1995 - webstart.com
... get the clear data, then subtracts the PADDING value from the RECORD-LENGTH to **determine** the final ... ARG-DATA[MSB<<8|LSB] The client sends this message when it has **determined** a master ... between a client and a server, and attempt to choose the right **session** based on ...
Cited by 262 Related articles Cite Save More

Transferring a media browsing **session** from one device to a second device by transferring a **session identifier** and a **session key** to the second device
AJ Lennon, MP Anderson, EYC Wan... - US Patent 7,099,946, 2006 - Google Patents
... examining said metadata to **determine** those remaining metadata items that do not conform to ... 14 shows an arrangement by which a current media browser **session** may be switch ... the preferred arrangement, the syntax and structure of individual descriptions are **determined** by a ...
Cited by 86 Related articles All 4 versions Cite Save

Determining the visibility to a remote database client
TM Rothwein, JL Coker - US Patent 6,233,617, 2001 - Google Patents
... Merge processing must **detect** and correct each of these collisions ... If the related Docking Object was not **determined** to be visible, control proceeds to step 215 to **determine** ... The Visibility Calculator, in conjunction with the Log Manager is therefore able to **determine** what subset of ...
Cited by 724 Related articles All 2 versions Cite Save

Universally composable password-based **key** exchange [PDF] spr
R Canetti, S Halevi, J Katz, Y Lindell... - ... Conference on the ..., 2005 - Springer
... as to how the password is chosen and it imposes no pre-**determined** probabilities of ... password guess (as discussed above, in this case the adversary is allowed to **determine** the **session** ... is that the current formulation requires that an eavesdropper be unable to **detect** whether the ...
Cited by 219 Related articles All 41 versions Cite Save

Nuglets: a virtual currency to stimulate cooperation in self-organized mobile ad hoc networks [PDF] epf
L Buttyan, JP Hubaux - 2001 - infoscience.epfl.ch
... (and also the source) runs a sealed bid second price auction to **determine** the next hop. ... u is the fixed per hop charge, whereas in case of the PPM with Auctions, u is a value **determined** by the result of the auction run by A. The PAC allows B to **detect** illegitimate modifications ...
Cited by 508 Related articles All 4 versions Cite Save

ARM: Anonymous routing protocol for mobile ad hoc networks [PDF] res
S Seys, B Preneel - International Journal of Wireless and ..., 2009 - inderscienceonline.com
... of a particular message, (2) a node should not be able to **determine** whether another ... also contains the identity of the destination encrypted with the current **session key** LinkKey shared ... Forwarding nodes regenerate this RREP message with their own link **keys** and **identifiers** and ...
Cited by 258 Related articles All 22 versions Cite Save

[HTML] Diameter extensible authentication protocol (EAP) application [HTML] ie
G Zorn, T Hiller, P Eronen - 2005 - tools.ietf.org
... server **receiving** an EAP-Payload AVP that it does not understand SHOULD **determine** whether the ... A Diameter server **determining** that a non-fatal error has occurred MUST send a Diameter-EAP ... and the NAS has been terminated, it MUST select a new Diameter **Session**-Id for ...
Cited by 308 Related articles All 126 versions Cite Save More

[HTML] **Session** announcement protocol [HTML] ie
M Handley, C Perkins, E Whelan - 2000 - tools.ietf.org
... side-effect that SAP announcers had to study the payload data to **determine** how many ... still be authenticated to be the same as the **session** originator of previous **sessions** claiming to ... **key** used for the authentication should not be trusted to belong to the **session** originator unless ...
Cited by 468 Related articles All 145 versions Cite Save More

[TXT] RSVP cryptographic authentication [TXT] rfc-
F Baker, B Lindell, M Talwar - 1999 - rfc-editor.org
... **Identifier** field and the sending system address are used to uniquely **determine** the Authentication ...

The **Key** information **determined** by the sender MAY specify the use of Kerberos in **...** Response message, thereby allowing the receiver to retrieve and store the **session key** from the **...**
Cited by 199 Related articles All 147 versions Cite Save

Secure data exchange between date processing systems

LT Harada, MA Dolecki, CS Purdum... - US Patent ..., 2006 - Google Patents
... The **session key** may be **determined** by the proxy server and sent to the target server using **...** a request 511 is **received** at the proxy server 502, the proxy server **determines** whether it **...** user profile information, the proxy server 502 may then query its database to **determine** whether it **...**
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System and method for providing secure communications between clients and service providers

C Harrisville-Wolff, J Demoff, A Wolff - US Patent App 10/213,765, 2002 - Google Patents

... client issued by a certificate authority and further including if the client is **determined** not to ... from client 210, searching memory 270 (or an authorized user registry) to **determine** if the ... At 476, the client 210 receives the response and certificate and **determines** whether the response ...

Cited by 124 Related articles All 2 versions Cite Save

Secure printing method

RE Wiegley - US Patent 6,711,677, 2004 - Google Patents

... If the printer does not **detect** the error but the print job is not valid, it will print ... For example, if a **session identifier** is used as described above, the print job is **determined** to be not ... **identifier** is not used, and the bare public/private **key** encryption is relied on to **determine** validity, then ...

Cited by 103 Related articles All 2 versions Cite Save

Apparatus and method for providing trusted network security

AA Alegre, QS Rong, WR Soley - US Patent 6,199,113, 2001 - Google Patents

... Authentication server 226 queries authentication database 224 to **determine** if the UID and PWD ... If **key** server 234 **determines** that the **session key received** from listener object 1212 is ... System and method for **determining** revenue from an intermediary derived from servicing data ...

Cited by 273 Related articles All 2 versions Cite Save

Method for **determining** temporary mobile **identifiers** and managing use thereof

S Patel - US Patent 6,463,154, 2002 - Google Patents

... The network and the mobile then **determine** the new TID based on the first and second challenges. ... From the output and knowledge of the KCF in use, the inputs can not be **determined** unless the **key** ... If the VLR 15 **determines** in step S50 that the **received** TID is on a TID list, then ...

Cited by 27 Related articles All 2 versions Cite Save

Method for providing seamless communication across bearers in a wireless communication system

JH Lin, WHF Leung - US Patent 6,269,402, 2001 - Google Patents

... The type of communication link established **determines** which cross-connect switch or bearer network will be ... At the start 502 of the method it has been **determined** that a communication ... Additionally, the server uses the first envelope **identifier** to **determine** to which **session** the ...

Cited by 98 Related articles All 2 versions Cite Save

System and method for secure wireless communications using PKI

E Okereke, R Thacher, J Good - US Patent App. 10/412,563, 2003 - Google Patents

... device to access information accessible to said proxy server and **determine** the authenticity ... **determining** the authority of a device to request secure information; **determining** the authenticity ... user's information access capabilities during any given **session** can be **determined** by the ...

Cited by 79 Related articles All 2 versions Cite Save

Secure **session** tracking method and system for client-server environment

AW Trieger - US Patent 6,226,750, 2001 - Google Patents

... wherein said step of recognizing said first **identifier** further comprises the steps of **determining** whether the ... identified by **key** N (92), it updates any state information it has **determined** may be ... If the value is recognized, then the process preferably continues to **determine** if the **key** ...

Cited by 86 Related articles All 2 versions Cite Save

Security analysis of IKE's signature-based **key**-exchange protocol

[PDF] spr

R Canetti, H Krawczyk - Annual International Cryptology Conference, 2002 - Springer

... A secure protocol in this setting will **detect** impersonation and will ensure that the learned ... be the matching **session** of (P, s) without requiring that the **determined** peer is ... actual protocol implementations may use two different elements for these functions: a **session identifier** for the ...

Cited by 194 Related articles All 23 versions Cite Save

Challenge-response authentication and **key** exchange for a connectionless security protocol

MM Swift, B Shah - US Patent 6,377,691, 2002 - Google Patents

... and comparing the second encoded challenge to the first encoded challenge to **detect**

unauthorized access **...** If the message is **determined** to be a replay, the server computer can conclude that **...** to the challenge response **received** from the client CR component to **determine ...**
Cited by 98 Related articles All 2 versions Cite Save

Fast virus scanning using **session** stamping

B Flint, M Hughes - US Patent 6,735,700, 2004 - Google Patents

... the program 305 monitors the file system routines that modify the extended attributes to **detect** if a **...** When user input is **received**, it is evaluated to **determine** if the user has requested that a **...** After the current file is processed, the pre-**determined** scan set is reviewed (block 617) and **...**
Cited by 83 Related articles All 2 versions Cite Save

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Cryptographic method and apparatus for public **key** exchange with authentication

KC Goss - US Patent 4,956,863, 1990 - Google Patents

... In symmetric systems, the enciphering and deciphering **keys** are either the same easily **determined** from each ... differ in such a way that at least one **key** is computationally infeasible to **determine** from the ... However, in order for E and A to use the same **session key**, E would have to ...

Cited by 237 Related articles All 2 versions Cite Save

Antigone: A flexible framework for secure group communication [PDF] um

P McDaniel, A Prakash, P Honeyman - 1999 - deepblue.lib.umich.edu

... must be in possession of the secret shared with the TTP to **determine** the secret ... In Antigone, we provide secure heartbeat messages as the mechanism to **detect** failed processes ... new **session keys** and trick members into continuing to transmit under an old **session key** indefinitely ...

Cited by 116 Related articles All 32 versions Cite Save

Apparatus and method for encrypting communications without exchanging an encryption **key**

JD Hoskinson - US Patent 5,455,862, 1995 - Google Patents

... transmission to the other site, said cyclic redundancy check value being used to **detect** errors ... in block 116 provides the successive bytes for the DES counter indices, which **determine** the number ... The fetch **key** routine returns the portion of the **session** DEK **determined** by EDU 20 ...

Cited by 109 Related articles All 2 versions Cite Save

System and method of exploiting the security of a secure communication channel to secure a non-secure communication channel

A Kramer, W Harwood - US Patent 6,986,040, 2006 - Google Patents

... random number that can be used within a certain time period **determined** by the ... The ticket service 60 verifies (step 240) the user's login information and **determines** whether the user ... Therefore, the client 10 and the application server 15 **determine** when different **session keys** are ...

Cited by 106 Related articles All 2 versions Cite Save

System and user interface supporting concurrent application initiation and interoperability

BL Royer, JA Heil - US Patent 7,043,752, 2006 - Google Patents

... of the **session** context information may or may not be encrypted as **determined** by the ... has ended and that a **session identifier** is difficult for an unauthorized party to **determine**. ... The system protocol employed by manager 250 (and applications 200 and 230) **determines** that data ...

Cited by 62 Related articles All 4 versions Cite Save

Methods and apparatus for dynamic **session key** generation and rekeying in mobile IP

A Patel, KK Leung, S Raab, G Dommety - US Patent 7,475,241, 2009 - Google Patents

... **determining** from the Mobile IP registration reply whether the Mobile Node is to derive the ... If it is **determined** at step 314 that the authenticators match, the mobile node is ... While authentication **determines** who an entity is, authorization **determines** what services a user is allowed to ...

Cited by 44 Related articles All 4 versions Cite Save

Improving wireless privacy with an **identifier**-free link layer protocol [PDF] sc.

B Greenstein, D McCoy, J Pang, T Kohno ... - Proceedings of the 6th ..., 2008 - dl.acm.org

... Finally, as with existing 802.11 se- curity schemes, receivers should be able to **detect** if mes- sages were ... of c ← F(A, B, p) by the sender; and the message filtering by a receiver to **determine** if c ... for Tryst messages sent from A to B. kEnc s:AB , kM AC s:AB **Session keys** to encrypt ...

Cited by 145 Related articles All 37 versions Cite Save

[HTML] The secure shell (SSH) transport layer protocol [HTML] ie

T Ylonen, C Lonvick - 2006 - tools.ietf.org

... It MUST be possible to **determine** this from the public **key** algorithm name ... The Diffie-Hellman (DH) **key** exchange provides a shared secret that cannot be **determined** by either ... When the service starts, it may have access to the **session identifier** generated during the **key** exchange ...

Cited by 263 Related articles All 8 versions Cite Save More

Monitoring fitness activity across diverse exercise machines utilizing a universally

accessible server system
MW Brown, KR Lawrence, MA Paolini - US Patent 6,601,016, 2003 - Google Patents
... fluid intake, medication usage and environmental exposure may be utilized to **determine** cumulative fitness ... to a UCID account may include information that is relevant to **determining** fitness gains ... of selections of control programs may be pre-selected by the user, **determined** by a ...
Cited by 118 Related articles All 2 versions Cite Save

Extensible authentication protocol (EAP) [TXT] rfc-
B Aboba, L Blunk, J Vollbrecht, J Carlson, H Levkowetz - 2004 - rfc-editor.org
... For **sessions** in which the authenticator acts as a pass-through, it MUST **determine** the outcome ... indication sent by the backend authentication server; the outcome MUST NOT be **determined** by the ... field provides both the peer and authenticator with the ability to **detect** duplicates. ...
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CONFIRMATION NO. 8554

SERIAL NUMBER	FILING or 371(c) DATE	CLASS	GROUP ART UNIT	ATTORNEY DOCKET NO.
15/399,983	01/06/2017 RULE	713	2491	5101-0005-C4

APPLICANTS
PACID TECHNOLOGIES, LLC, Austin, TX;

INVENTORS
Guy Fielder, Austin, TX;

**** CONTINUING DATA ***************************
This application is a CON of 15/195,606 06/28/2016 PAT 9577993
which is a CON of 14/861,630 09/22/2015 PAT 9411972
which is a CON of 14/228,463 03/28/2014 PAT 9165153
which is a CON of 13/203,327 08/25/2011 PAT 8726032
which is a 371 of PCT/US10/28562 03/25/2010
which claims benefit of 61/163,406 03/25/2009

**** FOREIGN APPLICATIONS ***************************

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Foreign Priority claimed	35 USC 119(a-d) conditions met	Verified and Acknowledged	Met after Allowance	STATE OR COUNTRY	SHEETS DRAWINGS	TOTAL CLAIMS	INDEPENDENT CLAIMS
☐ Yes ☑ No	☐ Yes ☑ No	/BRIAN F SHAW/ Examiner's Signature	☐ Initials	TX	14	9	1

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Search Notes	Application/Control No.	Applicant(s)/Patent Under Reexamination
	15399983	FIELDER, GUY
	Examiner	Art Unit
	BRIAN F SHAW	2491

CPC- SEARCHED		
Symbol	Date	Examiner
H04L63/08,0428,20,10	07/10/17	BS
H04L9/0861,14,0894	07/10/17	BS
G06F21/6209,62	07/10/17	BS
h04l2209/24	07/10/17	BS
G06F2221/2107	07/10/17	BS

CPC COMBINATION SETS - SEARCHED		
Symbol	Date	Examiner

US CLASSIFICATION SEARCHED			
Class	Subclass	Date	Examiner
713	168,193,181,165	07/10/17	BS
726	1,26,17,21,4	07/10/17	BS
380	44,278	07/10/17	BS
709	231	07/10/17	BS

SEARCH NOTES		
Search Notes	Date	Examiner
East (USPAT, USPGPUB, EPO, USOCR, FERS, JPO, DERWENT, IBM_TDB) - see Search Notes	07/10/17	BS
Inventor/Assignee Search - PALM	07/10/17	BS
NPL Search	07/10/17	BS

INTERFERENCE SEARCH			
US Class/ CPC Symbol	US Subclass / CPC Group	Date	Examiner

Index of Claims	Application/Control No.	Applicant(s)/Patent Under Reexamination
	15399983	FIELDER, GUY
	Examiner	**Art Unit**
	BRIAN F SHAW	2491

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☐ Claims renumbered in the same order as presented by applicant ☐ CPA ☐ T.D. ☐ R.1.47

CLAIM		DATE								
Final	Original	07/10/2017								
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EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	220853	((H04L63/08,0428,20,10 OR H04L9/0861,14,0894 OR G06F21/6209,62 OR h04l2209/24 OR G06F2221/2107).CPC. OR (713/168,193,181,165 OR 726/1,26,17,21,4 OR 380/44,278 OR 709/231).CCLS.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/07/10 11:53
L2	59	pacid.as.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/07/10 11:53
L3	1907	fielder.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/07/10 11:53
L4	1356	(credential OR (unique NEAR2 input)) SAME communication SAME secret	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/07/10 11:54
L6	1907	l2 l3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/07/10 11:55

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L5	99014	((H04L63/08,0428,20,10 OR H04L9/0861,14,0894 OR G06F21/6209,62 OR h04l2209/24 OR G06F2221/2107).CPC. OR (713/168,193,181,165 OR 726/1,26,17,21,4 OR 380/44,278 OR 709/231).CCLS.)	US-PGPUB; USPAT	OR	ON	2017/07/10 11:54
L8	477	fielder.in. OR pacid.as.	US-PGPUB; USPAT	OR	ON	2017/07/10 11:55
L9	133	((credential OR (unique NEAR2 input)) SAME communication SAME secret).clm.	US-PGPUB; USPAT	OR	ON	2017/07/10 11:56
L10	3	l9 AND l8	US-PGPUB; USPAT	OR	ON	2017/07/10 11:56

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Application Number	15399983 - GAU: 2491
Filing Date	
First Named Inventor	Guy Fielder
Art Unit	
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Sheet	1	of	9	Attorney Docket No: 5101-0005-C4

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No.[1]	Document Number Number-Kind Code[2](if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		4613901	09/23/1986	GILHOUSEN; et al.	
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First Named Inventor	Guy Fielder
Art Unit	
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Sheet	**2**	**of**	**9**	**Attorney Docket No: 5101-0005-C4**

		5757924	05/26/1998	FRIEDMAN; et al.	
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☐ That each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(1).

OR

☐ That no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(2).

☒ See attached certification statement.

☐ Fee set forth in 37 CFR 1.17 (p) has been submitted herewith.

☐ None

SIGNATURE

A signature of the applicant or representative is required in accordance with CFR 1.33, 10.18. Please see CFR 1.4(d) for the form of the signature.

Signature	/Tarek N. Fahmi/	Date (YYYY-MM-DD)	2017-01-06
Name/Print	Tarek N. Fahmi	Registration Number	41402

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR1.14. This collection is estimated to take 1 hour to complete, including gathering, preparing and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SENDFEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /B.F.S/

Doc Code: DIST.E.FILE **Document Description: Electronic Terminal Disclaimer - Filed**	PTO/SB/26 U.S. Patent and Trademark Office Department of Commerce

Electronic Petition Request	**TERMINAL DISCLAIMER TO OBVIATE A DOUBLE PATENTING REJECTION OVER A "PRIOR" PATENT**
Application Number	15399983
Filing Date	06-Jan-2017
First Named Inventor	Guy Fielder
Attorney Docket Number	5101-0005-C4
Title of Invention	SYSTEM AND METHOD FOR AUTHENTICATING USERS

☒ Filing of terminal disclaimer does not obviate requirement for response under 37 CFR 1.111 to outstanding Office Action

☒ This electronic Terminal Disclaimer is not being used for a Joint Research Agreement.

Owner	Percent Interest
PACID TECHNOLOGIES, LLC	100%

The owner(s) with percent interest listed above in the instant application hereby disclaims, except as provided below, the terminal part of the statutory term of any patent granted on the instant application which would extend beyond the expiration date of the full statutory term of prior patent number(s)

9577993

as the term of said prior patent is presently shortened by any terminal disclaimer. The owner hereby agrees that any patent so granted on the instant application shall be enforceable only for and during such period that it and the prior patent are commonly owned. This agreement runs with any patent granted on the instant application and is binding upon the grantee, its successors or assigns.

In making the above disclaimer, the owner does not disclaim the terminal part of the term of any patent granted on the instant application that would extend to the expiration date of the full statutory term of the prior patent, "as the term of said prior patent is presently shortened by any terminal disclaimer," in the event that said prior patent later:
- expires for failure to pay a maintenance fee;
- is held unenforceable;
- is found invalid by a court of competent jurisdiction;
- is statutorily disclaimed in whole or terminally disclaimed under 37 CFR 1.321;
- has all claims canceled by a reexamination certificate;
- is reissued; or
- is in any manner terminated prior to the expiration of its full statutory term as presently shortened by any terminal disclaimer.

◉ Terminal disclaimer fee under 37 CFR 1.20(d) is included with Electronic Terminal Disclaimer request.

○ I certify, in accordance with 37 CFR 1.4(d)(4), that the terminal disclaimer fee under 37 CFR 1.20(d) required for this terminal disclaimer has already been paid in the above-identified application.	
Applicant claims the following fee status: ◉ Small Entity ○ Micro Entity ○ Regular Undiscounted I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.	
THIS PORTION MUST BE COMPLETED BY THE SIGNATORY OR SIGNATORIES I certify, in accordance with 37 CFR 1.4(d)(4) that I am: ◉ An attorney or agent registered to practice before the Patent and Trademark Office who is of record in this application Registration Number 41402 ○ A sole inventor ○ A joint inventor; I certify that I am authorized to sign this submission on behalf of all of the inventors as evidenced by the power of attorney in the application ○ A joint inventor; all of whom are signing this request	
Signature	/Tarek N. Fahmi/
Name	Tarek N. Fahmi

*Statement under 37 CFR 3.73(b) is required if terminal disclaimer is signed by the assignee (owner).
Form PTO/SB/96 may be used for making this certification. See MPEP § 324.

Electronic Patent Application Fee Transmittal

Application Number:	15399983
Filing Date:	06-Jan-2017
Title of Invention:	SYSTEM AND METHOD FOR AUTHENTICATING USERS
First Named Inventor/Applicant Name:	Guy Fielder
Filer:	Tarek N. Fahmi/Sarah Zizzo
Attorney Docket Number:	5101-0005-C4

Filed as Small Entity

Filing Fees for Utility under 35 USC 111(a)

Description	Fee Code	Quantity	Amount	Sub-Total in USD($)
Basic Filing:				
STATUTORY OR TERMINAL DISCLAIMER	2814	1	160	160
Pages:				
Claims:				
Miscellaneous-Filing:				
Petition:				
Patent-Appeals-and-Interference:				
Post-Allowance-and-Post-Issuance:				

Description	Fee Code	Quantity	Amount	Sub-Total in USD($)
Extension-of-Time:				
Miscellaneous:				
			Total in USD ($)	**160**

Doc Code: DISQ.E.FILE
Document Description: Electronic Terminal Disclaimer – Approved

Application No.: 15399983

Filing Date: 06-Jan-2017

Applicant/Patent under Reexamination: Fielder

Electronic Terminal Disclaimer filed on August 9, 2017

☒ APPROVED

This patent is subject to a terminal disclaimer

☐ DISAPPROVED

Approved/Disapproved by: Electronic Terminal Disclaimer automatically approved by EFS-Web

U.S. Patent and Trademark Office

Electronic Acknowledgement Receipt	
EFS ID:	30036827
Application Number:	15399983
International Application Number:	
Confirmation Number:	8554
Title of Invention:	SYSTEM AND METHOD FOR AUTHENTICATING USERS
First Named Inventor/Applicant Name:	Guy Fielder
Customer Number:	27571
Filer:	Tarek N. Fahmi/Sarah Zizzo
Filer Authorized By:	Tarek N. Fahmi
Attorney Docket Number:	5101-0005-C4
Receipt Date:	09-AUG-2017
Filing Date:	06-JAN-2017
Time Stamp:	20:19:58
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	CARD
Payment was successfully received in RAM	$160
RAM confirmation Number	081017INTEFSW20195500
Deposit Account	
Authorized User	
The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows:	

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Terminal Disclaimer-Filed (Electronic)	eTerminal-Disclaimer.pdf	33354 ae268175b6d94bd1d4633800dd849b179cf577cb	no	2
Warnings:					
Information:					
2	Fee Worksheet (SB06)	fee-info.pdf	30308 dccc150ddaa06c994986d2822e66b101b68829b5	no	2
Warnings:					
Information:					
		Total Files Size (in bytes):	63662		

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111
If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.
National Stage of an International Application under 35 U.S.C. 371
If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.
New International Application Filed with the USPTO as a Receiving Office
If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No.: 15/399,983

First named inventor: Guy Fielder

Filed: January 6, 2017

Art unit: 2491
Examiner: Shaw, Brian F.

Docket No.: 5101-0005-C4
Customer No.: 27571

Confirmation No.: 8554

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450.

AMENDMENT

Dear Commissioner:

In response to the Office Action of July 14, 2017, please amend the above-identified application as follow:

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks begin on page 5 of this paper.

Electronic Acknowledgement Receipt	
EFS ID:	30036840
Application Number:	15399983
International Application Number:	
Confirmation Number:	8554
Title of Invention:	SYSTEM AND METHOD FOR AUTHENTICATING USERS
First Named Inventor/Applicant Name:	Guy Fielder
Customer Number:	27571
Filer:	Tarek N. Fahmi/Sarah Zizzo
Filer Authorized By:	Tarek N. Fahmi
Attorney Docket Number:	5101-0005-C4
Receipt Date:	09-AUG-2017
Filing Date:	06-JAN-2017
Time Stamp:	20:21:08
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	no

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1		2017-08-09_5101-0005-C4_Resp_to_OA.pdf	95626 61087b89beee91bc2c1ea13524c4a713338f8435	yes	5

	Multipart Description/PDF files in .zip description		
	Document Description	**Start**	**End**
	Applicant Arguments/Remarks Made in an Amendment	5	5
	Claims	2	4
	Amendment/Req. Reconsideration-After Non-Final Reject	1	1
Warnings:			
Information:			
	Total Files Size (in bytes):	95626	

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111
If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.
National Stage of an International Application under 35 U.S.C. 371
If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.
New International Application Filed with the USPTO as a Receiving Office
If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

REMARKS

Reconsideration of this application, as amended, is respectfully requested.

Claim 1 has been amended to recite the subject matter of former claim 4. Therefore, the statutory double patenting rejection with respect to U.S. Pat. 9,577,993 is now moot and should be withdrawn.

Filed concurrently herewith is a terminal disclaimer with respect to U.S. Pat. 9,577,993. Accordingly, the obviousness-type double patenting rejection with respect to U.S. Pat. 9,577,993 is now moot and should be withdrawn.

In light of the foregoing, claims 1-3 and 5-9 are believed to be in condition for allowance as reflected in the Office Action.

New claim 10 recites the subject matter of former claim 1 and claim 5. Claims 11-16 depend from claim 10 and recite subject matter also found in original claims 2-4 and 7-9. Claim 10-16 are therefore allowable for at least the reasons reflected in the Office Action.

New claim 17 recites the subject matter of former claim 1 and claim 9. Claims 18-20 depend from claim 17 and recite subject matter also found in original claims 6-8. Claim 17-20 are therefore allowable for at least the reasons reflected in the Office Action.

If there are any additional fees due in connection with this communication, please charge Deposit Account No. 50-5798.

Respectfully submitted,
ASCENDA LAW GROUP, PC

Dated: August 9, 2017

/Tarek N. Fahmi/
Tarek N. Fahmi
Reg. No. 41.402

333 W. San Carlos St., Suite 200
San Jose, CA 95110
866-877-4883

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of the claims in the application:

Listing of Claims:

1. (Currently Amended) A method for authenticating a user, comprising:

receiving, by an application running on a mobile phone, a unique user input and generating by said application a secret based upon said unique user input,

storing said secret stored at the mobile phone, said secret being stored with an identifier so as to be retrievable when the unique user input is received again by the mobile phone;

receiving at the mobile phone from a remote computer-based station a first communication comprising a request for user credentials of the user of the computing device, said first communication including the identifier associated with the secret;

responsive to said receiving, the mobile phone prompting a user via a user interface for the user input, verifying said unique user input, and transmitting to the remote computer-based station a second communication encoded using the secret.

2. (Original) The method of claim 1, wherein the secret comprises an encryption key and is stored along with other information and the identifier is used to distinguish the encryption key from the other information.

3. (Original) The method of claim 1, wherein the other information comprises decoy encryption keys.

4. (Cancelled)

5. (Original) The method of claim 1, wherein the secret is stored in an encrypted format.

6. (Original) The method of claim 1, wherein the unique user input comprises user credentials.

7. (Original) The method of claim 6, further comprising receiving at the computing device an invitation to create the secret prior to generating the secret.

8. (Original) The method of claim 7, wherein the invitation to create the secret is received from the remote computer-based station.

9. (Original) The method of claim 1, wherein the first and second communications comprise two related communications of a communication session.

10. (New) A method for authenticating a user, comprising:

receiving, by an application running on a mobile phone, a unique user input and generating by said application a secret based upon said unique user input,

storing said secret stored at the mobile phone, said secret being stored in an encrypted form and with an identifier so as to be retrievable when the unique user input is received again by the mobile phone;

receiving at the mobile phone from a remote computer-based station a first communication, said first communication including the identifier associated with the secret;

responsive to said receiving, the mobile phone prompting a user via a user interface for the user input, verifying said unique user input, and transmitting to the remote computer-based station a second communication encoded using the secret.

11. (New) The method of claim 10, wherein the secret comprises an encryption key and is stored along with other information and the identifier is used to distinguish the encryption key from the other information.

12. (New) The method of claim 10, wherein the other information comprises decoy encryption keys.

13. (New) The method of claim 10, wherein the first communication comprises a request for user credentials of the user of the computing device.

14. (New) The method of claim 10, further comprising receiving at the computing device an invitation to create the secret prior to generating the secret.

15. (New) The method of claim 14, wherein the invitation to create the secret is received from the remote computer-based station.

16. (New) The method of claim 10, wherein the first and second communications comprise two related communications of a communication session.

17. (New) A method for authenticating a user, comprising:

receiving, by an application running on a mobile phone, a unique user input and generating by said application a secret based upon said unique user input,

storing said secret stored at the mobile phone, said secret being stored with an identifier so as to be retrievable when the unique user input is received again by the mobile phone;

receiving at the mobile phone from a remote computer-based station a first communication, said first communication including the identifier associated with the secret;

responsive to said receiving, the mobile phone prompting a user via a user interface for the user input, verifying said unique user input, and transmitting to the remote computer-based station a second communication encoded using the secret,

wherein the first and second communications comprise two related communications of a communication session.

18. (New) The method of claim 17, wherein the unique user input comprises user credentials.

19. (New) The method of claim 18, further comprising receiving at the computing device an invitation to create the secret prior to generating the secret.

20. (New) The method of claim 19, wherein the invitation to create the secret is received from the remote computer-based station.

PTO/SB/06 (09-11)
Approved for use through 1/31/2014. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

PATENT APPLICATION FEE DETERMINATION RECORD Substitute for Form PTO-875	Application or Docket Number 15/399,983	Filing Date 01/06/2017	☐ To be Mailed

ENTITY: ☐ LARGE ☒ SMALL ☐ MICRO

APPLICATION AS FILED – PART I

FOR	(Column 1) NUMBER FILED	(Column 2) NUMBER EXTRA	RATE ($)	FEE ($)
☐ BASIC FEE (37 CFR 1.16(a), (b), or (c))	N/A	N/A	N/A	
☐ SEARCH FEE (37 CFR 1.16(k), (i), or (m))	N/A	N/A	N/A	
☐ EXAMINATION FEE (37 CFR 1.16(o), (p), or (q))	N/A	N/A	N/A	
TOTAL CLAIMS (37 CFR 1.16(i))	minus 20 =	*	X $ =	
INDEPENDENT CLAIMS (37 CFR 1.16(h))	minus 3 =	*	X $ =	
☐ APPLICATION SIZE FEE (37 CFR 1.16(s))	If the specification and drawings exceed 100 sheets of paper, the application size fee due is $310 ($155 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).			
☐ MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(j))				
* If the difference in column 1 is less than zero, enter "0" in column 2.			TOTAL	

APPLICATION AS AMENDED – PART II

AMENDMENT	08/09/2017	(Column 1) CLAIMS REMAINING AFTER AMENDMENT		(Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR	(Column 3) PRESENT EXTRA	RATE ($)	ADDITIONAL FEE ($)
	Total (37 CFR 1.16(i))	* 19	Minus	** 20	= 0	X $40 =	0
	Independent (37 CFR 1.16(h))	* 3	Minus	***3	= 0	X $210 =	0
	☐ Application Size Fee (37 CFR 1.16(s))						
	☐ FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))						
						TOTAL ADD'L FEE	0

AMENDMENT		(Column 1) CLAIMS REMAINING AFTER AMENDMENT		(Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR	(Column 3) PRESENT EXTRA	RATE ($)	ADDITIONAL FEE ($)
	Total (37 CFR 1.16(i))	*	Minus	**	=	X $ =	
	Independent (37 CFR 1.16(h))	*	Minus	***	=	X $ =	
	☐ Application Size Fee (37 CFR 1.16(s))						
	☐ FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))						
						TOTAL ADD'L FEE	

* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.
** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".
*** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".
The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

LIE
ROSS W. BROWN

This collection of information is required by 37 CFR 1.16. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**
If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

NOTICE OF ALLOWANCE AND FEE(S) DUE

27571 7590 09/15/2017

Ascenda Law Group, PC
333 W San Carlos St.
Suite 200
San Jose, CA 95110

EXAMINER
SHAW, BRIAN F

ART UNIT	PAPER NUMBER
2491	

DATE MAILED: 09/15/2017

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
15/399,983	01/06/2017	Guy Fielder	5101-0005-C4	8554

TITLE OF INVENTION: SYSTEM AND METHOD FOR AUTHENTICATING USERS

APPLN. TYPE	ENTITY STATUS	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	SMALL	$480	$0	$0	$480	12/15/2017

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

HOW TO REPLY TO THIS NOTICE:

I. Review the ENTITY STATUS shown above. If the ENTITY STATUS is shown as SMALL or MICRO, verify whether entitlement to that entity status still applies.

If the ENTITY STATUS is the same as shown above, pay the TOTAL FEE(S) DUE shown above.

If the ENTITY STATUS is changed from that shown above, on PART B - FEE(S) TRANSMITTAL, complete section number 5 titled "Change in Entity Status (from status indicated above)".

For purposes of this notice, small entity fees are 1/2 the amount of undiscounted fees, and micro entity fees are 1/2 the amount of small entity fees.

II. PART B - FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail **Mail Stop ISSUE FEE**
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450
or Fax (571)-273-2885

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)

27571 7590 09/15/2017

Ascenda Law Group, PC
333 W San Carlos St.
Suite 200
San Jose, CA 95110

Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

Certificate of Mailing or Transmission

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (571) 273-2885, on the date indicated below.

(Depositor's name)
(Signature)
(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
15/399,983	01/06/2017	Guy Fielder	5101-0005-C4	8554

TITLE OF INVENTION: SYSTEM AND METHOD FOR AUTHENTICATING USERS

APPLN. TYPE	ENTITY STATUS	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	SMALL	$480	$0	$0	$480	12/15/2017

EXAMINER	ART UNIT	CLASS-SUBCLASS
SHAW, BRIAN F	2491	713-181000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

❑ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.

❑ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. **Use of a Customer Number is required.**

2. For printing on the patent front page, list

(1) The names of up to 3 registered patent attorneys or agents OR, alternatively,

(2) The name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1 _____

2 _____

3 _____

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE (B) RESIDENCE: (CITY and STATE OR COUNTRY)

Please check the appropriate assignee category or categories (will not be printed on the patent) : ❑ Individual ❑ Corporation or other private group entity ❑ Government

4a. The following fee(s) are submitted:

❑ Issue Fee

❑ Publication Fee (No small entity discount permitted)

❑ Advance Order - # of Copies _____

4b. Payment of Fee(s): (**Please first reapply any previously paid issue fee shown above**)

❑ A check is enclosed.

❑ Payment by credit card. Form PTO-2038 is attached.

❑ The director is hereby authorized to charge the required fee(s), any deficiency, or credits any overpayment, to Deposit Account Number _____ (enclose an extra copy of this form).

5. **Change in Entity Status** (from status indicated above)

❑ Applicant certifying micro entity status. See 37 CFR 1.29

NOTE: Absent a valid certification of Micro Entity Status (see forms PTO/SB/15A and 15B), issue fee payment in the micro entity amount will not be accepted at the risk of application abandonment.

❑ Applicant asserting small entity status. See 37 CFR 1.27

NOTE: If the application was previously under micro entity status, checking this box will be taken to be a notification of loss of entitlement to micro entity status.

❑ Applicant changing to regular undiscounted fee status.

NOTE: Checking this box will be taken to be a notification of loss of entitlement to small or micro entity status, as applicable.

NOTE: This form must be signed in accordance with 37 CFR 1.31 and 1.33. See 37 CFR 1.4 for signature requirements and certifications.

Authorized Signature _____ Date _____

Typed or printed name _____ Registration No. _____

PTOL-85 Part B (10-13) Approved for use through 10/31/2013. OMB 0651-0033 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
15/399,983	01/06/2017	Guy Fielder	5101-0005-C4	8554

27571 7590 09/15/2017

Ascenda Law Group, PC
333 W San Carlos St.
Suite 200
San Jose, CA 95110

EXAMINER	
SHAW, BRIAN F	

ART UNIT	PAPER NUMBER
2491	

DATE MAILED: 09/15/2017

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)
(Applications filed on or after May 29, 2000)

The Office has discontinued providing a Patent Term Adjustment (PTA) calculation with the Notice of Allowance.

Section 1(h)(2) of the AIA Technical Corrections Act amended 35 U.S.C. 154(b)(3)(B)(i) to eliminate the requirement that the Office provide a patent term adjustment determination with the notice of allowance. See Revisions to Patent Term Adjustment, 78 Fed. Reg. 19416, 19417 (Apr. 1, 2013). Therefore, the Office is no longer providing an initial patent term adjustment determination with the notice of allowance. The Office will continue to provide a patent term adjustment determination with the Issue Notification Letter that is mailed to applicant approximately three weeks prior to the issue date of the patent, and will include the patent term adjustment on the patent. Any request for reconsideration of the patent term adjustment determination (or reinstatement of patent term adjustment) should follow the process outlined in 37 CFR 1.705.

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.

OMB Clearance and PRA Burden Statement for PTOL-85 Part B

The Paperwork Reduction Act (PRA) of 1995 requires Federal agencies to obtain Office of Management and Budget approval before requesting most types of information from the public. When OMB approves an agency request to collect information from the public, OMB (i) provides a valid OMB Control Number and expiration date for the agency to display on the instrument that will be used to collect the information and (ii) requires the agency to inform the public about the OMB Control Number's legal significance in accordance with 5 CFR 1320.5(b).

The information collected by PTOL-85 Part B is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450. Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Privacy Act Statement

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether disclosure of these records is required by the Freedom of Information Act.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspection or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

Notice of Allowability	Application No. 15/399,983	Applicant(s) FIELDER, GUY	
	Examiner BRIAN F. SHAW	Art Unit 2491	AIA (First Inventor to File) Status No

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to *08/09/2017*.
   ☐ A declaration(s)/affidavit(s) under **37 CFR 1.130(b)** was/were filed on_____.
2. ☐ An election was made by the applicant in response to a restriction requirement set forth during the interview on _____; the restriction requirement and election have been incorporated into this action.
3. ☒ The allowed claim(s) is/are *1-3 and 5-20*. As a result of the allowed claim(s), you may be eligible to benefit from the **Patent Prosecution Highway** program at a participating intellectual property office for the corresponding application. For more information, please see http://www.uspto.gov/patents/init_events/pph/index.jsp or send an inquiry to PPHfeedback@uspto.gov.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

   Certified copies:

   a) ☐ All b) ☐ Some *c) ☐ None of the:
   1. ☐ Certified copies of the priority documents have been received.
   2. ☐ Certified copies of the priority documents have been received in Application No. _____ .
   3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

   * Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
   ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.

   Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date _____
3. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
4. ☐ Interview Summary (PTO-413), Paper No./Mail Date _____ .
5. ☐ Examiner's Amendment/Comment
6. ☒ Examiner's Statement of Reasons for Allowance
7. ☐ Other _____.

/BRIAN F SHAW/
Primary Examiner, Art Unit 2491

1. The present application is being examined under the pre-AIA first to invent provisions.

DETAILED ACTION

Reasons For Allowance

1. Claims 1 – 3, and 5 – 20 are allowed.

2. The following is an examiner's statement of reasons for allowance:

Claims 1 – 3, and 5 – 20 are allowable over the prior art since the prior art reference(s) taken individually or in combination fails to particularly disclose, fairly suggest, or render obvious Applicant's novel aspect and claim language of retrieving a stored encrypted secret generated by a mobile phone application on the mobile phone, the encrypted secret stored with an identifier, responsive to the application receiving a unique user input from the user of the phone and responsive to receiving a first communication from a remote computer-based station that includes the identifier, and encoding communication between the remote station and the mobile phone using the secret.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Brian Shaw whose telephone number is (571) 270-5191. The

examiner can normally be reached on Mon-Thurs. from Monday through Thursday 6:30 A.M. to 2:30 P.M..

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ashok Patel can be reached on (571) 272-3972. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/BRIAN F SHAW/

Primary Examiner, Art Unit 2491

Index of Claims	Application/Control No.	Applicant(s)/Patent Under Reexamination
	15399983	FIELDER, GUY
	Examiner	**Art Unit**
	BRIAN F SHAW	2491

✓	Rejected	-	Cancelled	N	Non-Elected	A	Appeal
=	Allowed	÷	Restricted	I	Interference	O	Objected

☒ Claims renumbered in the same order as presented by applicant ☐ CPA ☒ T.D. ☐ R.1.47

CLAIM		DATE								
Final	Original	07/10/2017	08/20/2017							
	1	✓	=							
	2	✓	=							
	3	✓	=							
	4	✓	-							
	5	✓	=							
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	19		=							
	20		=							



1 - 50 16,238,493 results

1. System and method for authenticating users

A security application for a computing device, e.g., a mobile phone, allows generation of a secret according to a unique user input (e.g., user credentials). The secret is stored in a directory such that it is retrievable when the unique user input is received via a user interface of a device on...

CURRENT ASSIGNEES: EBACKPACK INC (+1)
US20160308844 | US APPLICATIONS | 20-OCT-2016

2. System and method for authenticating users

A security application for a computing device, e.g., a mobile phone, allows generation of a secret according to a unique user input (e.g., user credentials). The secret is stored in a directory such that it is retrievable when the unique user input is received via a user interface of a device on...

CURRENT ASSIGNEES: EBACKPACK INC (+1)
US9577993 | US PATENTS | 21-FEB-2017

3. System and method for protecting secrets file

A method for protecting a first secrets file. The method includes an n-bit generator generating a secrets file name for the secrets file and generating a decoy file names for decoy files. The secrets file includes a secret. Each of the decoy files includes decoy file contents, are a same size as the...

CURRENT ASSIGNEES: PACID TECH LLC
US8726032 | US PATENTS | 13-MAY-2014

4. System and method for creating and protecting secrets for a plurality of groups

A method for protecting a first secrets file. The method includes an n-bit generator generating a secrets file name for the secrets file and generating a decoy file names for decoy files. The secrets file includes a secret. Each of the decoy files includes decoy file contents, are a same size as the ..

CURRENT ASSIGNEES: PACID TECH LLC
US20160012243 | US APPLICATIONS | 14-JAN-2016

5. System and method for protecting secrets file

A method for protecting a first secrets file. The method includes an n-bit generator generating a secrets file name for the secrets file and generating a decoy file names for decoy files. The secrets file includes a secret. Each of the decoy files includes decoy file contents, are a same size as the...

CURRENT ASSIGNEES: PACID TECH LLC
US9165153 | US PATENTS | 20-OCT-2015

6. System and method for protecting secrets file

A method for protecting a first secrets file. The method includes an n-bit generator generating a secrets file name for the secrets file and generating a decoy file names for decoy files. The secrets file includes a secret. Each of the decoy files includes decoy file contents, are a same size as the...

CURRENT ASSIGNEES: PACID TECH LLC
US20110307705 | US APPLICATIONS | 15-DEC-2011

7. System and method for protecting secrets file

A method for protecting a first secrets file. The method includes an n-bit generator generating a secrets file name for the secrets file and generating a decoy file names for decoy files. The secrets file includes a secret. Each of the decoy files includes decoy file contents, are a same size as the ..

CURRENT ASSIGNEES: PACID TECH LLC
US20140298036 | US APPLICATIONS | 02-OCT-2014

8. System and method for creating and protecting secrets for a plurality of groups

A method for protecting a first secrets file. The method includes an n-bit generator generating a secrets file name for the secrets file and generating a decoy file names for decoy files. The secrets file includes a secret. Each of the decoy files includes decoy file contents, are a same size as the...

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CURRENT ASSIGNEES: PACID TECH LLC
US9411972 | US PATENTS | 09-AUG-2016

9. System and method for protecting a secrets file

A method for protecting a first secrets file. The method includes an n-bit generator generating a secrets file name for the secrets file and generating a decoy file names for decoy files. The secrets file includes a secret. Each of the decoy files includes decoy file contents, are a same size as the ..

CURRENT ASSIGNEES: PACID TECH LLC
WO2010111438A2 | WIPO APPLICATIONS | 30-SEP-2010

10. System and method for protecting a secrets file

A method for protecting a first secrets file. The method includes an n-bit generator generating a secrets file name for the secrets file and generating a decoy file names for decoy files. The secrets file includes a secret. Each of the decoy files includes decoy file contents, are a same size as the...

CURRENT ASSIGNEES: PACID TECH LLC
TW201040781A | TAIWANESE APPLICATIONS | 16-NOV-2010

11. Method and system for file hiding

A method for hiding a file. The method includes receiving the file to hide, wherein the file comprises file metadata, and file content, obtaining the file metadata from the file, generating a message digest using at least a portion of the file metadata, extracting, from the message digest, a derived...

CURRENT ASSIGNEES: PACID TECH LLC
US20150302218 | US APPLICATIONS | 22-OCT-2015

12. Method and system for securing electronic health records

A method for securing electronic health records (EHRs). The method includes receiving an EHR for a patient, obtaining patient metadata for the patient, generating a message digest using at least a portion of the patient metadata, extracting from the message digest a derived file name and a file..

CURRENT ASSIGNEES: PACID TECH LLC
US20150302148 | US APPLICATIONS | 22-OCT-2015

13. Method and system for securing communication

A method for securing communication between members. The method includes a first member obtaining a secret. An n-bit generator executing on the first member generates a message digest using the first secret. The first member extracts algorithm selector bits and an encryption key from the message...

CURRENT ASSIGNEES: PACID TECH LLC
US20150264018 | US APPLICATIONS | 17-SEP-2015

14. Method and system for securing a file

A method for securing files. The method includes an n-bit generator, executing on a first member of a group, generating a message digest using a first secret and a file constant value. The file constant value describes a file. The member extracts an encryption solution from at least the message...

CURRENT ASSIGNEES: PACID TECH LLC
US20110307707 | US APPLICATIONS | 15-DEC-2011

15. Method and system for securing communication

A method for securing communication between members. The method includes a first member obtaining a secret. An n-bit generator executing on the first member generates a message digest using the first secret. The first member extracts algorithm selector bits and an encryption key from the message..

CURRENT ASSIGNEES: PACID TECH LLC
US20100299529 | US APPLICATIONS | 25-NOV-2010

16. Method and system for securing communication

A method for securing communication between members. The method includes a first member obtaining a secret. An n-bit generator executing on the first member generates a message digest using the first secret. The first member extracts algorithm selector bits and an encryption key from the message...

CURRENT ASSIGNEES: PACID TECH LLC
US8934625 | US PATENTS | 13-JAN-2015

.....

17. **Method and system for securing communication**

A method for securing communication between members. The method includes a first member obtaining a secret. An n-bit generator executing on the first member generates a message digest using the first secret. The first member extracts algorithm selector bits and an encryption key from the message...

CURRENT ASSIGNEES: PACID TECH LLC
US9172533 | US PATENTS | 27-OCT-2015

18. **Method and system for securing communication**

A method for generating one or more secrets for use by members. The method includes sending a first request for connection with a second member, and sending a second request to connection with a third member. The method further includes receiving, by the first member from the second member, a second...

CURRENT ASSIGNEES: PACID TECH LLC
US9654451 | US PATENTS | 16-MAY-2017

19. **Method and system for securing communication**

A method for generating one or more secrets for use by members. The method includes sending a first request for connection with a second member, and sending a second request to connection with a third member. The method further includes receiving, by the first member from the second member, a second...

CURRENT ASSIGNEES: PACID TECH LLC
US20170048205 | US APPLICATIONS | 16-FEB-2017

20. **Method and system for securing a file**

A method for securing files. The method includes an n-bit generator, executing on a first member of a group, generating a message digest using a first secret and a file constant value. The file constant value describes a file. The member extracts an encryption solution from at least the message...

CURRENT ASSIGNEES: PACID TECH LLC
WO2010111447A1 | WIPO APPLICATIONS | 30-SEP-2010

21. **Method and system for securing communication**

A method for generating one or more secrets for use by members. The method includes sending a first request for connection with a second member, and sending a second request to connection with a third member. The method further includes receiving, by the first member from the second member, a second...

CURRENT ASSIGNEES: PACID TECH LLC
US20140298019 | US APPLICATIONS | 02-OCT-2014

22. **Method and system for securing communication**

A method for generating one or more secrets for use by members. The method includes sending a first request for connection with a second member, and sending a second request to connection with a third member. The method further includes receiving, by the first member from the second member, a second...

CURRENT ASSIGNEES: PACID TECH LLC
US9407610 | US PATENTS | 02-AUG-2016

23. **Method and system for securing communication**

A method for securing communication among members of a group. The method includes a first member obtaining a first secret. An n-bit generator executing on the first member generates a first message digest using the first secret. The first member extracts a first encryption solution and a second ...

CURRENT ASSIGNEES: PACID TECH LLC
US20110314281 | US APPLICATIONS | 22-DEC-2011

24. **Method and system for securing communication**

A method for securing communication among a members. The method includes a first member obtaining a first secret. An n-bit generator executing on the first member generates a first message digest using the first secret. The first member extracts a first encryption solution and a second encryption...

CURRENT ASSIGNEES: PACID TECH LLC
WO2010111448A1 | WIPO APPLICATIONS | 30-SEP-2010

25. **Method and system for securing communication**

A method for securing communication between a plurality of members. The method includes a first member sending a first input to a second member, receiving a second input from the second member, and generating, by an n-bit generator, an initial message digest using the first input and the second...

CURRENT ASSIGNEES: PACID TECH LLC
US20140006792 | US APPLICATIONS | 02-JAN-2014

26. Method and system for securing communication

A method for securing communication between a plurality of members. The method includes a first member sending a first input to a second member, receiving a second input from the second member, and generating, by an n-bit generator, an initial message digest using the first input and the second...

CURRENT ASSIGNEES: PACID TECH LLC
US20130307706 | US APPLICATIONS | 15-DEC-2011

27. Method and system for securing communication

A method for securing communication among members of a group. The method includes a first member obtaining a first secret. An n-bit generator executing on the first member generates a first message digest using the first secret. The first member extracts a first encryption solution and a second...

CURRENT ASSIGNEES: PACID TECH LLC
US8782408 | US PATENTS | 15-JUL-2014

28. Method and system for securing communication

A method for obtaining a secure communication session includes a first member computing device receiving, via a first communication channel, a first input from a second member computing device, sending, via a second communication channel, a second input to the second member computing device, and...

CURRENT ASSIGNEES: PACID TECH LLC
US20150188901 | US APPLICATIONS | 02-JUL-2015

29. Method and system for securing communication

A method for securing communication between a plurality of members. The method includes a first member sending a first input to a second member, receiving a second input from the second member, and generating, by an n-bit generator, an initial message digest using the first input and the second...

CURRENT ASSIGNEES: PACID TECH LLC
WO2010111439A2 | WIPO APPLICATIONS | 30-SEP-2010

30. Method and system for securing communication

A method for securing communication between a plurality of members. The method includes a first member sending a first input to a second member, receiving a second input from the second member, and generating, by an n-bit generator, an initial message digest using the first input and the second...

CURRENT ASSIGNEES: PACID TECH LLC
US9009484 | US PATENTS | 14-APR-2015

31. Method and system for securing communication

A method for securing communication between a plurality of members. The method includes a first member sending a first input to a second member, receiving a second input from the second member, and generating, by an n-bit generator, an initial message digest using the first input and the second...

CURRENT ASSIGNEES: PACID TECH LLC
US8539241 | US PATENTS | 17-SEP-2013

32. Method and system for securing communication

A method for securing communication between a plurality of members. The method includes a first member sending a first input to a second member, receiving a second input from the second member, and generating, by an n-bit generator, an initial message digest using the first input and the second...

CURRENT ASSIGNEES: PACID TECH LLC
TW201103298A | TAIWANESE APPLICATIONS | 16-JAN-2011

33. Bilateral authentication and encryption system

A bilateral system for authenticating remote transceiving stations through use of station identifiers (IDs), and through use of passwords which are used only one time, and thereafter exchanging messages through use of an encrytion key which is changed after each system connection. Upon...

CURRENT ASSIGNEES: PACID GROUP
CA2294170A1 | CANADIAN APPLICATIONS | 22-OCT-1998

34. File encryption method and system

A file security system is disclosed in which both a deterministic, non-predictable, pseudo-random, symmetric encryption key (24) and an encrypted information file (41) are highly resistant to cryptographic analysis or brute force trial-and-error attacks. The encryption key (24) is formed by first...

CURRENT ASSIGNEES: FIELDER GUY L [+1]
WO199804725943 | WIPO APPLICATIONS | 10-DEC-1998

35. **File encryption method and system**

A file security system is disclosed in which both a deterministic, non-predictable, pseudo-random, symmetric encryption key (24) and an encrypted information file (41) are highly resistant to cryptographic analysis or brute force trial-and-error attacks. The encryption key (24) is formed by first...

CURRENT ASSIGNEES: FIELDER GUY L [+1]
WO199804725942 | WIPO APPLICATIONS | 22-OCT-1998

36. **Bilateral authentication and information encryption token system and method**

An authentication and information encryption system and method which uses a token system for increased security in accommodating bilateral encrypted communications between an originating system and an answering system, with each system without synchronization independently generating a message...

CURRENT ASSIGNEES: RPX CORP
US5995624 | US PATENTS | 30-NOV-1999

37. **Bilateral authentication and encryption system**

A bilateral system for authenticating remote transceiving stations through use of station identifiers (IDs), and through use of passwords which are used only one time, and thereafter exchanging messages through use of an encryption key which is changed after each system connection. Upon...

CURRENT ASSIGNEES: RPX CORP
US6105133 | US PATENTS | 15-AUG-2000

38. **Bilateral authentication and encryption system**

A bilateral system for authenticating remote transceiving stations through use of station identifiers (IDs), and through use of passwords which are used only one time, and thereafter exchanging messages through use of an encryption key which is changed after each system connection. Upon...

CURRENT ASSIGNEES: ALITO PAUL N [+1]
EP0966813A2 | EUROPEAN APPLICATIONS | 29-DEC-1999

39. **Bilateral authentication and encryption system**

A bilateral system for authenticating remote transceiving stations through use of station identifiers (IDs), and through use of passwords which are used only one time, and thereafter exchanging messages through use of an encryption key which is changed after each system connection. Upon...

CURRENT ASSIGNEES: FIELDER GUY L [+1]
WO199804725842 | WIPO APPLICATIONS | 22-OCT-1998

40. **File encryption method and system**

A file security system is disclosed in which both a deterministic, non-predictable, pseudo-random, symmetric encryption key and an encrypted information file are highly resistant to cryptographic analysis or brute force trial-and-error attacks. The encryption key is formed by first combining a...

CURRENT ASSIGNEES: RPX CORP
US6049612 | US PATENTS | 11-APR-2000 LITIGATION

41. **Secure deterministic encryption key generator system and method**

An encryption key generator is disclosed which is highly resistant to cryptographic analysis or brute force attacks, and which accommodates the destruction of an encryption key after each use by providing for the recreation of the key without need of key directories or other encryption key storage...

CURRENT ASSIGNEES: RPX CORP
US5963646 | US PATENTS | 05-OCT-1999 LITIGATION

42. **Accelerated encryption and decryption of files with shared secret and method therefor**

A non-transitory computer-readable medium for sharing protected content, comprising instruction stored thereon. When executed on a processor, the instruction performs steps of deriving a shared secret, processing the shared secret using a secure hash algorithm 256 cryptographic hash to produce a...

CURRENT ASSIGNEES: CYPHRE LLC
WO2016209939A1 | WIPO APPLICATIONS | 29-DEC-2016

43. **Secure deterministic encryption key generator system and method**

An encryption key generator (100) is disclosed which is highly resistant to cryptographic analysis or brute force attacks, and which accommodates the destruction of an encryption key after each use by providing for the recreation of the key without need of key directories or other encryption key...

CURRENT ASSIGNEES: PACID GROUP
CA2293684A1 | CANADIAN APPLICATIONS | 15-OCT-1998

44. **Secure deterministic encryption key generator system and method**

An encryption key generator (100) is disclosed which is highly resistant to cryptographic analysis or brute force attacks, and which accommodates the destruction of an encryption key after each use by providing for the recreation of the key without need of key directories or other encryption key...

CURRENT ASSIGNEES: FIELDER GUY L [+1]
WO1998045980A2 | WIPO APPLICATIONS | 15-OCT-1998

45. **Secure deterministic encryption key generator system and method**

An encryption key generator (100) is disclosed which is highly resistant to cryptographic analysis or brute force attacks, and which accommodates the destruction of an encryption key after each use by providing for the recreation of the key without need of key directories or other encryption key...

CURRENT ASSIGNEES: AUTO PAUL N [+1]
EP0966810A2 | EUROPEAN APPLICATIONS | 29-DEC-1999

46. **Secure island computing system and method**

A mobile computing device includes a secure token, having an embedded processor, a secure persistent storage medium, and a read only memory; and, an application processor and application memory separate from the embedded processor, the secure persistent storage medium, and the read only memory. The...

CURRENT ASSIGNEES: PACID TECH LLC
US20170097900 | US APPLICATIONS | 06-APR-2017

47. **Token for securing communication**

In general, the invention relates to a method for performing a command on a token. The method includes receiving a first command authentication message digest (CAMD), a command, and scrambled data from a sender, and making a first determination that the sender is allowed to send commands to the...

CURRENT ASSIGNEES: PACID TECH LLC
US9203836 | US PATENTS | 01-DEC-2015

48. **Crytographic key notarization methods and apparatus**

Cryptographic keys for a cryptographic function are notarized by encrypting the keys with the cryptographic function using a notarizing cryptographic key derived from identifier designations associated with the encryptor and intended decryptor, respectively, and an interchange key which is...

CURRENT ASSIGNEES: US DEPT COMMERCE
US4386233 | US PATENTS | 31-MAY-1983

49. **Token for securing communication**

In general, the invention relates to a method for performing a command on a token. The method includes receiving a first command authentication message digest (CAMD), a command, and scrambled data from a sender, and making a first determination that the sender is allowed to send commands to the...

CURRENT ASSIGNEES: PACID TECH LLC
US20150143489 | US APPLICATIONS | 21-MAY-2015

50. **Bilateral authentication and information encryption token system and method**

A first computer system (10) communicates with a second computer system (11) by way of a communication link (12). The first computer system (10) includes a central processing unit (1) with I/O interfaces (1b) leading to a keyboard processor (2) with a key matrix interface array (3). System ID's, a...

CURRENT ASSIGNEES: FIELDER GUY L [+1]
WO1998045975A3 | WIPO APPLICATIONS | 23-DEC-1998

Issue Classification	Application/Control No.	Applicant(s)/Patent Under Reexamination
	15399983	FIELDER, GUY
	Examiner	**Art Unit**
	BRIAN F SHAW	2491

CPC						
Symbol					**Type**	**Version**
H04L		63	/	0428	F	2013-01-01
H04L		9	/	0894	I	2013-01-01
H04L		2463	/	121	A	2013-01-01
			/			
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			/			
			/			

CPC Combination Sets							
Symbol					**Type**	**Set**	**Ranking**	**Version**
			/					
			/					

NONE		Total Claims Allowed:	
(Assistant Examiner)	(Date)	19	
/BRIAN F SHAW/ Primary Examiner.Art Unit 2491	08/20/17	O.G. Print Claim(s)	O.G. Print Figure
(Primary Examiner)	(Date)	1	3

Issue Classification	Application/Control No.	Applicant(s)/Patent Under Reexamination
	15399983	FIELDER, GUY
	Examiner	**Art Unit**
	BRIAN F SHAW	2491

US ORIGINAL CLASSIFICATION		INTERNATIONAL CLASSIFICATION									
CLASS	SUBCLASS	CLAIMED					NON-CLAIMED				
713	181	H	0	4	L	29 / 06 (2006.01.01)					

CROSS REFERENCE(S)					
CLASS	SUBCLASS (ONE SUBCLASS PER BLOCK)				

NONE		Total Claims Allowed:	
(Assistant Examiner)	(Date)	19	
/BRIAN F SHAW/ Primary Examiner.Art Unit 2491	08/20/17	O.G. Print Claim(s)	O.G. Print Figure
(Primary Examiner)	(Date)	1	3

U.S. Patent and Trademark Office

Part of Paper No. 20170817

Issue Classification	Application/Control No.	Applicant(s)/Patent Under Reexamination
	15399983	FIELDER, GUY
	Examiner	**Art Unit**
	BRIAN F SHAW	2491

☒ Claims renumbered in the same order as presented by applicant ☐ CPA ☒ T.D. ☐ R.1.47

Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original

NONE (Assistant Examiner)	(Date)	**Total Claims Allowed:** 19	
/BRIAN F SHAW/ Primary Examiner.Art Unit 2491 (Primary Examiner)	08/20/17 (Date)	O.G. Print Claim(s) 1	O.G. Print Figure 3

Search Notes	Application/Control No.	Applicant(s)/Patent Under Reexamination
	15399983	FIELDER, GUY
	Examiner	Art Unit
	BRIAN F SHAW	2491

CPC- SEARCHED		
Symbol	Date	Examiner
H04L63/08,0428,20,10	07/10/17	BS
H04L9/0861,14,0894	07/10/17	BS
G06F21/6209,62	07/10/17	BS
h04l2209/24	07/10/17	BS
G06F2221/2107	07/10/17	BS
ABOVE UPDATED	08/20/17	BS

CPC COMBINATION SETS - SEARCHED		
Symbol	Date	Examiner

US CLASSIFICATION SEARCHED			
Class	Subclass	Date	Examiner
713	168,193,181,165	07/10/17	BS
726	1,26,17,21,4	07/10/17	BS
380	44,278	07/10/17	BS
709	231	07/10/17	BS
ABOVE	UPDATED	08/20/17	BS

* See search history printout included with this form or the SEARCH NOTES box below to determine the scope of the search.

SEARCH NOTES		
Search Notes	Date	Examiner
East (USPAT, USPGPUB, EPO, USOCR, FERS, JPO, DERWENT, IBM_TDB) - see Search Notes	07/10/17;08/20/17	BS
Inventor/Assignee Search - PALM	07/10/17;08/20/17	BS
NPL Search	07/10/17;08/20/17	BS

INTERFERENCE SEARCH			
US Class/ CPC Symbol	**US Subclass / CPC Group**	**Date**	**Examiner**
H04L29/06		08/20/17	BS
H04L63/08,0428 ,20,10		08/20/17	BS
H04L9/0861,14, 0894		08/20/17	BS
G06F21/6209,6 2		08/20/17	BS
h04l2209/24		08/20/17	BS
G06F2221/2107		08/20/17	BS
713	168,193,181,165	08/20/17	BS
726	1,26,17,21,4	08/20/17	BS
380	44,278	08/20/17	BS
709	231	08/20/17	BS
SEE	SEARCH NOTES	08/20/17	BS

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	224972	((H04L63/08,0428,20,10 OR H04L9/0861,14,0894 OR G06F21/6209,62 OR h04l2209/24 OR G06F2221/2107).CPC. OR (713/168,193,181,165 OR 726/1,26,17,21,4 OR 380/44,278 OR 709/231).CCLS.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/08/21 00:01
L2	434	((credential OR password) SAME secret SAME (identifier OR ID) SAME (phone))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/08/21 00:02
L3	139	1 AND 2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/08/21 00:02
L4	59	pacid.as. AND fielder.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/08/21 00:03
S1	20038	713/168,171.ccls. OR 370/338.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/05/17 17:20
S2	45	((hash OR digest) SAME first SAME second SAME encrypt$5 SAME secret SAME change)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/05/17 18:19
S3	4	S1 AND S2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/05/17 18:23
S11	566	(hash OR digest) SAME (file ADJ	US-PGPUB;	OR	ON	2013/09/17

		name) SAME key	USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB			11:03
S12	566	(hash OR digest OR (($7random ADJ function) OR $7random$3function)) SAME (file ADJ name) SAME key	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/17 11:04
S13	221	(hash OR digest OR (($7random ADJ function) OR $7random$3function)) SAME ((file ADJ name) NEAR8 key)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/17 11:05
S14	153	(hash OR digest OR (($7random ADJ function) OR $7random$3function)) WITH ((file ADJ name) NEAR8 key)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/17 11:05
S15	0	("2011/0307705").URPN.	USPAT	OR	ON	2013/09/17 11:26
S17	604	ibm.as.	USPAT	OR	ON	2013/09/17 11:30
S19	0	matyas.in. AND S17	USPAT	OR	ON	2013/09/17 11:31
S20	204	matyas.in.	USPAT	OR	ON	2013/09/17 11:42
S21	56	matyas.in. AND (hash OR digest)	USPAT	OR	ON	2013/09/17 11:42
S22	0	matyas.in. AND (hash OR digest) SAME (key WITH (file NEAR3 name))	USPAT	OR	ON	2013/09/17 11:42
S23	2	matyas.in. AND (hash OR digest) AND (key WITH (file NEAR3 name))	USPAT	OR	ON	2013/09/17 11:42
S24	2	matyas.in. AND (hash OR digest OR owf OR (message NEAR3 code) OR trap$3door) AND (key WITH (file NEAR3 name))	USPAT	OR	ON	2013/09/17 11:45
S25	685	(hash OR digest OR owf OR (message NEAR3 code) OR trap$3door) AND (key WITH (file NEAR3 name))	USPAT	OR	ON	2013/09/17 11:46
S26	688	(hash OR digest OR (($7random ADJ function) OR $7random$3function) OR owf OR (message NEAR3 code) OR trap$3door) AND (key WITH (file NEAR3 name))	USPAT	OR	ON	2013/09/17 11:47
S27	178	(hash OR digest OR (($7random ADJ function) OR $7random$3function) OR owf OR (message NEAR3 code) OR trap$3door) SAME (key WITH	USPAT	OR	ON	2013/09/17 11:47

		(file NEAR3 name))				
S28	124	S27 NOT S14	USPAT	OR	ON	2013/09/17 11:47
S29	0	(placid.in. OR pacid.in.) AND fielder.in.	USPAT	OR	ON	2013/09/17 12:59
S30	0	pacid.in. AND fielder.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/17 13:00
S31	30	pacid.as. AND fielder.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/17 13:00
S32	30	pacid.as.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/17 13:00
S33	7	pacid.as. AND (file ADJ name)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/17 13:00
S34	2	("20110307705").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2013/09/17 13:29
S35	7	pacid.as. AND (file NEAR3 name)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/17 13:30
S36	800	pacid.as. OR fielder.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/17 13:36
S37	180	(hash OR digest OR (($7random ADJ function) OR $7random$3function) OR owf OR (message NEAR3 code) OR trap$3door OR transformation) SAME (key WITH (file NEAR3 name))	USPAT	OR	ON	2013/09/17 13:36

S38	462	(hash OR digest OR (($7random ADJ function) OR $7random$3function) OR owf OR (message NEAR3 code) OR trap$3door OR transformation) SAME (key WITH (file NEAR3 name))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/17 13:37
S39	4	S36 AND S38	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/17 13:37
S45	2	("20050076061").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2013/09/17 13:51
S46	2	("5995624").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2013/09/17 17:09
S47	100	(fielder.in. OR alito.in.) AND generator	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/17 18:15
S48	22	(fielder.in. OR alito.in.) AND generator AND digest	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/17 18:16
S49	4	(US-20040177058-$).did. or (US-6049612-$ or US-5995624-$ or US-5963646-$).did.	US-PGPUB; USPAT	OR	ON	2013/09/17 20:22
S50	1	S49 and password	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/17 20:22
S51	24326	713/168,171.ccls. OR 370/338.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/18 11:29
S52	46	((hash OR digest) SAME first SAME second SAME encrypt$5 SAME secret	US-PGPUB; USPAT;	OR	ON	2013/09/18 11:29

		SAME change)	USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB			
S53	4	S51 AND S52	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/18 11:29
S54	566	(hash OR digest) SAME (file ADJ name) SAME key	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/18 11:29
S55	566	(hash OR digest OR (($7random ADJ function) OR $7random$3function)) SAME (file ADJ name) SAME key	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/18 11:29
S56	221	(hash OR digest OR (($7random ADJ function) OR $7random$3function)) SAME ((file ADJ name) NEAR8 key)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/18 11:29
S57	153	(hash OR digest OR (($7random ADJ function) OR $7random$3function)) WITH ((file ADJ name) NEAR8 key)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/18 11:29
S58	0	("2011/0307705").URPN.	USPAT	OR	ON	2013/09/18 11:29
S59	604	ibm.as.	USPAT	OR	ON	2013/09/18 11:29
S60	0	matyas.in. AND S59	USPAT	OR	ON	2013/09/18 11:29
S61	204	matyas.in.	USPAT	OR	ON	2013/09/18 11:29
S62	56	matyas.in. AND (hash OR digest)	USPAT	OR	ON	2013/09/18 11:29
S63	0	matyas.in. AND (hash OR digest) SAME (key WITH (file NEAR3 name))	USPAT	OR	ON	2013/09/18 11:29
S64	2	matyas.in. AND (hash OR digest) AND (key WITH (file NEAR3 name))	USPAT	OR	ON	2013/09/18 11:29
S65	2	matyas.in. AND (hash OR digest OR owf OR (message NEAR3 code) OR trap$3door) AND (key WITH (file NEAR3 name))	USPAT	OR	ON	2013/09/18 11:29

S66	685	(hash OR digest OR owf OR (message NEAR3 code) OR trap$3door) AND (key WITH (file NEAR3 name))	USPAT	OR	ON	2013/09/18 11:29
S67	688	(hash OR digest OR (($7random ADJ function) OR $7random$3function) OR owf OR (message NEAR3 code) OR trap$3door) AND (key WITH (file NEAR3 name))	USPAT	OR	ON	2013/09/18 11:29
S68	178	(hash OR digest OR (($7random ADJ function) OR $7random$3function) OR owf OR (message NEAR3 code) OR trap$3door) SAME (key WITH (file NEAR3 name))	USPAT	OR	ON	2013/09/18 11:29
S69	124	S68 NOT S57	USPAT	OR	ON	2013/09/18 11:29
S70	0	(placid.in. OR pacid.in.) AND fielder.in.	USPAT	OR	ON	2013/09/18 11:29
S71	0	pacid.in. AND fielder.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/18 11:29
S72	30	pacid.as. AND fielder.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/18 11:29
S73	30	pacid.as.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/18 11:29
S74	7	pacid.as. AND (file ADJ name)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/18 11:29
S75	2	("20110307705").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2013/09/18 11:29
S76	7	pacid.as. AND (file NEAR3 name)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/18 11:29

S77	800	pacid.as. OR fielder.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/18 11:29
S78	180	(hash OR digest OR (($7random ADJ function) OR $7random$3function) OR owf OR (message NEAR3 code) OR trap$3door OR transformation) SAME (key WITH (file NEAR3 name))	USPAT	OR	ON	2013/09/18 11:29
S79	462	(hash OR digest OR (($7random ADJ function) OR $7random$3function) OR owf OR (message NEAR3 code) OR trap$3door OR transformation) SAME (key WITH (file NEAR3 name))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/18 11:29
S80	4	S77 AND S79	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/18 11:29
S81	2	("20050076061").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2013/09/18 11:29
S82	2	("5995624").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2013/09/18 11:29
S83	100	(fielder.in. OR alito.in.) AND generator	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/18 11:29
S84	22	(fielder.in. OR alito.in.) AND generator AND digest	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/18 11:29
S85	4	(US-20040177058-$).did. or (US-6049612-$ or US-5995624-$ or US-5963646-$).did.	US-PGPUB; USPAT	OR	ON	2013/09/18 11:29
S86	1	S85 and password	US-PGPUB; USPAT; USOCR;	OR	ON	2013/09/18 11:29

			FPRS; EPO; JPO; DERWENT; IBM_TDB			
S87	1	("9847258").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2013/09/18 11:45
S95	295	hash WITH (combin$4 OR concatenat$4) WITH (previous OR prior)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/18 13:52
S96	355	(digest OR hash) WITH (combin$4 OR concatenat$4) WITH (previous OR prior)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/18 13:53
S97	205	(digest OR hash) WITH ((combin$4 OR concatenat$4) NEAR3(previous OR prior))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/18 13:53
S98	135	(digest OR hash) NEAR3 ((combin$4 OR concatenat$4) NEAR3(previous OR prior))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/18 13:53
S99	87	(digest OR hash) NEAR3 cascad$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/18 14:10
S100	58	(digest OR hash) NEAR2 cascad$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/18 14:10
S101	2	("8413253").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2013/09/19 22:47
S102	1	(13/274753).APP.	US-PGPUB;	OR	OFF	2013/09/19

			USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB			23:04
S103	2	("20110162077").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2013/09/19 23:51
S104	2	("20120324113").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2013/09/20 01:01
S105	11	screen$3saver WITH (cookie OR restrict$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/20 01:40
S106	24341	713/168,171.ccls. OR 370/338.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/20 10:13
S107	46	((hash OR digest) SAME first SAME second SAME encrypt$5 SAME secret SAME change)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/20 10:13
S108	4	S106 AND S107	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/20 10:13
S109	567	(hash OR digest) SAME (file ADJ name) SAME key	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/20 10:13
S110	567	(hash OR digest OR (($7random ADJ function) OR $7random$3function)) SAME (file ADJ name) SAME key	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT;	OR	ON	2013/09/20 10:13

			IBM_TDB			
S111	221	(hash OR digest OR (($7random ADJ function) OR $7random$3function)) SAME ((file ADJ name) NEAR8 key)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/20 10:13
S112	153	(hash OR digest OR (($7random ADJ function) OR $7random$3function)) WITH ((file ADJ name) NEAR8 key)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/20 10:13
S113	0	("2011/0307705").URPN.	USPAT	OR	ON	2013/09/20 10:13
S114	604	ibm.as.	USPAT	OR	ON	2013/09/20 10:13
S115	0	matyas.in. AND S114	USPAT	OR	ON	2013/09/20 10:13
S116	204	matyas.in.	USPAT	OR	ON	2013/09/20 10:13
S117	56	matyas.in. AND (hash OR digest)	USPAT	OR	ON	2013/09/20 10:13
S118	0	matyas.in. AND (hash OR digest) SAME (key WITH (file NEAR3 name))	USPAT	OR	ON	2013/09/20 10:13
S119	2	matyas.in. AND (hash OR digest) AND (key WITH (file NEAR3 name))	USPAT	OR	ON	2013/09/20 10:13
S120	2	matyas.in. AND (hash OR digest OR owf OR (message NEAR3 code) OR trap$3door) AND (key WITH (file NEAR3 name))	USPAT	OR	ON	2013/09/20 10:13
S121	685	(hash OR digest OR owf OR (message NEAR3 code) OR trap$3door) AND (key WITH (file NEAR3 name))	USPAT	OR	ON	2013/09/20 10:13
S122	688	(hash OR digest OR (($7random ADJ function) OR $7random$3function) OR owf OR (message NEAR3 code) OR trap$3door) AND (key WITH (file NEAR3 name))	USPAT	OR	ON	2013/09/20 10:13
S123	178	(hash OR digest OR (($7random ADJ function) OR $7random$3function) OR owf OR (message NEAR3 code) OR trap$3door) SAME (key WITH (file NEAR3 name))	USPAT	OR	ON	2013/09/20 10:13
S124	124	S123 NOT S112	USPAT	OR	ON	2013/09/20 10:13
S125	0	(placid.in. OR pacid.in.) AND fielder.in.	USPAT	OR	ON	2013/09/20 10:13
S126	0	pacid.in. AND fielder.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT;	OR	ON	2013/09/20 10:13

			IBM_TDB			
S127	30	pacid.as. AND fielder.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/20 10:13
S128	30	pacid.as.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/20 10:13
S129	7	pacid.as. AND (file ADJ name)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/20 10:13
S130	2	("20110307705").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2013/09/20 10:13
S131	7	pacid.as. AND (file NEAR3 name)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/20 10:13
S132	800	pacid.as. OR fielder.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/20 10:13
S133	180	(hash OR digest OR (($7random ADJ function) OR $7random$3function) OR owf OR (message NEAR3 code) OR trap$3door OR transformation) SAME (key WITH (file NEAR3 name))	USPAT	OR	ON	2013/09/20 10:13
S134	462	(hash OR digest OR (($7random ADJ function) OR $7random$3function) OR owf OR (message NEAR3 code) OR trap$3door OR transformation) SAME (key WITH (file NEAR3 name))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/20 10:13
S135	4	S132 AND S134	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO;	OR	ON	2013/09/20 10:13

			DERWENT; IBM_TDB			
S136	2	("20050076061").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2013/09/20 10:13
S137	2	("5995624").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2013/09/20 10:13
S138	100	(fielder.in. OR alito.in.) AND generator	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/20 10:13
S139	22	(fielder.in. OR alito.in.) AND generator AND digest	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/20 10:13
S140	4	(US-20040177058-$).did. or (US-6049612-$ or US-5995624-$ or US-5963646-$).did.	US-PGPUB; USPAT	OR	ON	2013/09/20 10:13
S141	1	S140 and password	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/20 10:13
S142	24341	713/168,171.ccls. OR 370/338.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/20 10:13
S143	46	((hash OR digest) SAME first SAME second SAME encrypt$5 SAME secret SAME change)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/20 10:13
S144	4	S142 AND S143	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/20 10:13

S145	567	(hash OR digest) SAME (file ADJ name) SAME key	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/20 10:13
S146	567	(hash OR digest OR (($7random ADJ function) OR $7random$3function)) SAME (file ADJ name) SAME key	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/20 10:13
S147	221	(hash OR digest OR (($7random ADJ function) OR $7random$3function)) SAME ((file ADJ name) NEAR8 key)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/20 10:13
S148	153	(hash OR digest OR (($7random ADJ function) OR $7random$3function)) WITH ((file ADJ name) NEAR8 key)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/20 10:13
S149	0	("2011/0307705").URPN.	USPAT	OR	ON	2013/09/20 10:13
S150	604	ibm.as.	USPAT	OR	ON	2013/09/20 10:13
S151	0	matyas.in. AND S150	USPAT	OR	ON	2013/09/20 10:13
S152	204	matyas.in.	USPAT	OR	ON	2013/09/20 10:13
S153	56	matyas.in. AND (hash OR digest)	USPAT	OR	ON	2013/09/20 10:13
S154	0	matyas.in. AND (hash OR digest) SAME (key WITH (file NEAR3 name))	USPAT	OR	ON	2013/09/20 10:13
S155	2	matyas.in. AND (hash OR digest) AND (key WITH (file NEAR3 name))	USPAT	OR	ON	2013/09/20 10:13
S156	2	matyas.in. AND (hash OR digest OR owf OR (message NEAR3 code) OR trap$3door) AND (key WITH (file NEAR3 name))	USPAT	OR	ON	2013/09/20 10:13
S157	685	(hash OR digest OR owf OR (message NEAR3 code) OR trap$3door) AND (key WITH (file NEAR3 name))	USPAT	OR	ON	2013/09/20 10:13
S158	688	(hash OR digest OR (($7random ADJ function) OR $7random$3function) OR owf OR (message NEAR3 code) OR trap$3door) AND (key WITH (file NEAR3 name))	USPAT	OR	ON	2013/09/20 10:13
S159	178	(hash OR digest OR (($7random ADJ function) OR $7random$3function) OR owf OR (message NEAR3 code)	USPAT	OR	ON	2013/09/20 10:13

		OR trap$3door) SAME (key WITH (file NEAR3 name))				
S160	124	S159 NOT S148	USPAT	OR	ON	2013/09/20 10:13
S161	0	(placid.in. OR pacid.in.) AND fielder.in.	USPAT	OR	ON	2013/09/20 10:13
S162	0	pacid.in. AND fielder.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/20 10:13
S163	30	pacid.as. AND fielder.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/20 10:13
S164	30	pacid.as.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/20 10:13
S165	7	pacid.as. AND (file ADJ name)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/20 10:13
S166	2	("20110307705").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2013/09/20 10:13
S167	7	pacid.as. AND (file NEAR3 name)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/20 10:13
S168	800	pacid.as. OR fielder.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/20 10:13
S169	180	(hash OR digest OR (($7random ADJ function) OR $7random$3function) OR owf OR (message NEAR3 code) OR trap$3door OR transformation) SAME (key WITH (file NEAR3	USPAT	OR	ON	2013/09/20 10:13

		name))				
S170	462	(hash OR digest OR (($7random ADJ function) OR $7random$3function) OR owf OR (message NEAR3 code) OR trap$3door OR transformation) SAME (key WITH (file NEAR3 name))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/20 10:13
S171	4	S168 AND S170	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/20 10:13
S172	2	("20050076061").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2013/09/20 10:13
S173	2	("5995624").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2013/09/20 10:13
S174	100	(fielder.in. OR alito.in.) AND generator	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/20 10:13
S175	22	(fielder.in. OR alito.in.) AND generator AND digest	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/20 10:13
S176	4	(US-20040177058-$).did. or (US-6049612-$ or US-5995624-$ or US-5963646-$).did.	US-PGPUB; USPAT	OR	ON	2013/09/20 10:13
S177	1	S176 and password	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/20 10:13
S178	1	("9847258").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2013/09/20 10:13

S179	297	hash WITH (combin$4 OR concatenat$4) WITH (previous OR prior)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/20 10:13
S180	358	(digest OR hash) WITH (combin$4 OR concatenat$4) WITH (previous OR prior)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/20 10:13
S181	207	(digest OR hash) WITH ((combin$4 OR concatenat$4) NEAR3(previous OR prior))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/20 10:13
S182	135	(digest OR hash) NEAR3 ((combin$4 OR concatenat$4) NEAR3(previous OR prior))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/20 10:13
S183	87	(digest OR hash) NEAR3 cascad$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/20 10:13
S184	58	(digest OR hash) NEAR2 cascad$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/20 10:13
S185	2	("8413253").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2013/09/20 10:13
S186	1	(13/274753).APP.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2013/09/20 10:13
S187	2	("20110162077").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO;	OR	OFF	2013/09/20 10:13

			DERWENT; IBM_TDB			
S188	2	("20120324113").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2013/09/20 10:13
S189	11	screen$3saver WITH (cookie OR restrict$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/20 10:13
S190	14478	algorithm SAME key SAME (digest OR hash OR checksum)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/20 10:24
S191	3064	algorithm NEAR5 key NEAR5 (digest OR hash OR checksum)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/20 10:24
S192	142423	("713"/.clas. OR "726"/.clas. OR "380"/.clas.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/20 10:25
S193	1796	S191 AND S192	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/20 10:25
S194	783	S193 AND @RLAD<="20090325"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/20 10:26
S195	1408	algorithm NEAR3 key NEAR3 (digest OR hash OR checksum)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/20 10:26
S196	853	S195 AND S192	US-PGPUB; USPAT; USOCR;	OR	ON	2013/09/20 10:26

			FPRS; EPO; JPO; DERWENT; IBM_TDB			
S197	325	S196 AND @RLAD<="20090325"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/20 10:27
S198	136	algorithm NEAR3 key NEAR3 ((digest OR hash OR checksum) NEAR2 (result OR value))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/20 10:29
S199	98	S198 AND S192	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/20 10:30
S200	29	S198 AND @RLAD<="20090325"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/20 10:30
S201	75	S199 NOT S200	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/20 10:36
S202	524	key NEAR3 (algorithm ADJ (Id OR identifier OR identification))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/20 10:44
S203	321	S202 AND S192	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/20 10:44
S204	268	S202 AND @RLAD<="20090325"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/20 10:45
S205	151	S204 AND S192	US-PGPUB;	OR	ON	2013/09/20

			USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB			10:45
S206	147	S205 NOT S198	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/20 10:45
S207	0	key ADJ comprises ADJ (algorithm ADJ (Id OR identifier OR identification))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/20 10:47
S208	0	key NEAR2 comprises ADJ (algorithm ADJ (Id OR identifier OR identification))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/20 10:47
S209	0	key NEAR2 comprises NEAR2(algorithm ADJ (Id OR identifier OR identification))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/20 10:47
S210	1	key NEAR4 comprises NEAR4 (algorithm ADJ (Id OR identifier OR identification))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/20 10:48
S211	4	key NEAR6 comprises NEAR6 (algorithm ADJ (Id OR identifier OR identification))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/20 10:49
S212	5	key NEAR8 comprises NEAR8 (algorithm ADJ (Id OR identifier OR identification))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/20 10:49
S213	322	key WITH comprises WITH (association OR (algorithm ADJ (Id OR identifier OR identification)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT;	OR	ON	2013/09/20 10:57

			IBM_TDB			
S214	114	key NEAR8 comprises NEAR8 (association OR (algorithm ADJ (Id OR identifier OR identification)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/20 10:58
S215	5	S214 SAME (hash OR digest)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/20 10:58
S216	18	((hash OR digest) NEAR3 (Result OR value)) NEAR5 (security ADJ association)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/20 11:00
S217	456	key WITH (consist OR comprise) WITH (association OR (algorithm ADJ (Id OR identifier OR identification)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/20 11:03
S218	190	key NEAR8 (consist OR comprise) NEAR8 (association OR (algorithm ADJ (Id OR identifier OR identification)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/20 11:04
S219	9	key NEAR8 (consist OR comprise) NEAR8 ((algorithm ADJ (Id OR identifier OR identification)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/20 11:04
S220	246	key NEAR4 vector NEAR4 algorithm	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/20 11:07
S221	107	key NEAR2 vector NEAR2 algorithm	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/20 11:07
S222	0	key NEAR2 vector NEAR2 (algorithm ADJ (Id OR identifier OR identification))	US-PGPUB; USPAT; USOCR; FPRS; EPO;	OR	ON	2013/09/20 11:08

			JPO; DERWENT; IBM_TDB			
S223	8	key NEAR8 vector NEAR8 (algorithm ADJ (Id OR identifier OR identification))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/20 11:08
S224	2	(hash OR digest) NEAR8 (crypto ADJ sync)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/20 11:11
S225	38	((hash OR digest) NEAR4 (Result OR value)) NEAR8 ((crypto ADJ sync) OR (encryp$6 NEAR3 parameter))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/20 11:12
S226	0	placid.in. AND hash	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/20 11:40
S227	0	placid.as. AND ((digest OR hash) SAME algorithm)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/20 11:40
S228	0	placid.as. AND ((digest OR hash) AND algorithm)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/20 11:40
S229	0	placid.as. AND (digest OR hash)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/20 11:40
S230	40	fielder.in. AND (digest OR hash)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/20 11:41
S231	21	fielder.in. AND ((digest OR hash) AND algorithm)	US-PGPUB; USPAT;	OR	ON	2013/09/20 11:41

			USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB			
S232	21	(fielder.in. OR alito.in.) AND ((digest OR hash) AND algorithm)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/20 11:46
S247	25218	713/168,171,181.ccls. OR 370/338.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/20 21:50
S248	24341	713/168,171.ccls. OR 370/338.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/20 21:51
S249	46	((hash OR digest) SAME first SAME second SAME encrypt$5 SAME secret SAME change)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/20 21:51
S250	4	S248 AND S249	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/20 21:51
S251	567	(hash OR digest) SAME (file ADJ name) SAME key	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/20 21:51
S252	567	(hash OR digest OR (($7random ADJ function) OR $7random$3function)) SAME (file ADJ name) SAME key	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/20 21:51
S253	221	(hash OR digest OR (($7random ADJ function) OR $7random$3function)) SAME ((file ADJ name) NEAR8 key)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/20 21:51

S254	153	(hash OR digest OR (($7random ADJ function) OR $7random$3function)) WITH ((file ADJ name) NEAR8 key)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/20 21:51
S255	0	("2011/0307705").URPN.	USPAT	OR	ON	2013/09/20 21:51
S256	604	ibm.as.	USPAT	OR	ON	2013/09/20 21:51
S257	0	matyas.in. AND S256	USPAT	OR	ON	2013/09/20 21:51
S258	204	matyas.in.	USPAT	OR	ON	2013/09/20 21:51
S259	56	matyas.in. AND (hash OR digest)	USPAT	OR	ON	2013/09/20 21:51
S260	0	matyas.in. AND (hash OR digest) SAME (key WITH (file NEAR3 name))	USPAT	OR	ON	2013/09/20 21:51
S261	2	matyas.in. AND (hash OR digest) AND (key WITH (file NEAR3 name))	USPAT	OR	ON	2013/09/20 21:51
S262	2	matyas.in. AND (hash OR digest OR owf OR (message NEAR3 code) OR trap$3door) AND (key WITH (file NEAR3 name))	USPAT	OR	ON	2013/09/20 21:51
S263	685	(hash OR digest OR owf OR (message NEAR3 code) OR trap$3door) AND (key WITH (file NEAR3 name))	USPAT	OR	ON	2013/09/20 21:51
S264	688	(hash OR digest OR (($7random ADJ function) OR $7random$3function) OR owf OR (message NEAR3 code) OR trap$3door) AND (key WITH (file NEAR3 name))	USPAT	OR	ON	2013/09/20 21:51
S265	178	(hash OR digest OR (($7random ADJ function) OR $7random$3function) OR owf OR (message NEAR3 code) OR trap$3door) SAME (key WITH (file NEAR3 name))	USPAT	OR	ON	2013/09/20 21:51
S266	124	S265 NOT S254	USPAT	OR	ON	2013/09/20 21:51
S267	0	(placid.in. OR pacid.in.) AND fielder.in.	USPAT	OR	ON	2013/09/20 21:51
S268	0	pacid.in. AND fielder.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/20 21:51
S269	30	pacid.as. AND fielder.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/20 21:51

S270	30	pacid.as.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/20 21:51
S271	7	pacid.as. AND (file ADJ name)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/20 21:51
S272	2	("20110307705").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2013/09/20 21:51
S273	7	pacid.as. AND (file NEAR3 name)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/20 21:51
S274	800	pacid.as. OR fielder.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/20 21:51
S275	180	(hash OR digest OR (($7random ADJ function) OR $7random$3function) OR owf OR (message NEAR3 code) OR trap$3door OR transformation) SAME (key WITH (file NEAR3 name))	USPAT	OR	ON	2013/09/20 21:51
S276	462	(hash OR digest OR (($7random ADJ function) OR $7random$3function) OR owf OR (message NEAR3 code) OR trap$3door OR transformation) SAME (key WITH (file NEAR3 name))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/20 21:51
S277	4	S274 AND S276	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/20 21:51
S278	2	("20050076061").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT;	OR	OFF	2013/09/20 21:51

			IBM_TDB			
S279	2	("5995624").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2013/09/20 21:51
S280	100	(fielder.in. OR alito.in.) AND generator	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/20 21:51
S281	22	(fielder.in. OR alito.in.) AND generator AND digest	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/20 21:51
S282	4	(US-20040177058-$).did. or (US-6049612-$ or US-5995624-$ or US-5963646-$).did.	US-PGPUB; USPAT	OR	ON	2013/09/20 21:51
S283	1	S282 and password	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/20 21:51
S284	24341	713/168,171.ccls. OR 370/338.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/20 21:51
S285	46	((hash OR digest) SAME first SAME second SAME encrypt$5 SAME secret SAME change)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/20 21:51
S286	4	S284 AND S285	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/20 21:51
S287	567	(hash OR digest) SAME (file ADJ name) SAME key	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/20 21:51

S288	567	(hash OR digest OR (($7random ADJ function) OR $7random$3function)) SAME (file ADJ name) SAME key	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/20 21:51
S289	221	(hash OR digest OR (($7random ADJ function) OR $7random$3function)) SAME ((file ADJ name) NEAR8 key)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/20 21:51
S290	153	(hash OR digest OR (($7random ADJ function) OR $7random$3function)) WITH ((file ADJ name) NEAR8 key)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/20 21:51
S291	0	("2011/0307705").URPN.	USPAT	OR	ON	2013/09/20 21:51
S292	604	ibm.as.	USPAT	OR	ON	2013/09/20 21:51
S293	0	matyas.in. AND S292	USPAT	OR	ON	2013/09/20 21:51
S294	204	matyas.in.	USPAT	OR	ON	2013/09/20 21:51
S295	56	matyas.in. AND (hash OR digest)	USPAT	OR	ON	2013/09/20 21:51
S296	0	matyas.in. AND (hash OR digest) SAME (key WITH (file NEAR3 name))	USPAT	OR	ON	2013/09/20 21:51
S297	2	matyas.in. AND (hash OR digest) AND (key WITH (file NEAR3 name))	USPAT	OR	ON	2013/09/20 21:51
S298	2	matyas.in. AND (hash OR digest OR owf OR (message NEAR3 code) OR trap$3door) AND (key WITH (file NEAR3 name))	USPAT	OR	ON	2013/09/20 21:51
S299	685	(hash OR digest OR owf OR (message NEAR3 code) OR trap$3door) AND (key WITH (file NEAR3 name))	USPAT	OR	ON	2013/09/20 21:51
S300	688	(hash OR digest OR (($7random ADJ function) OR $7random$3function) OR owf OR (message NEAR3 code) OR trap$3door) AND (key WITH (file NEAR3 name))	USPAT	OR	ON	2013/09/20 21:51
S301	178	(hash OR digest OR (($7random ADJ function) OR $7random$3function) OR owf OR (message NEAR3 code) OR trap$3door) SAME (key WITH (file NEAR3 name))	USPAT	OR	ON	2013/09/20 21:51
S302	124	S301 NOT S290	USPAT	OR	ON	2013/09/20 21:51
S303	0	(placid.in. OR pacid.in.) AND fielder.in.	USPAT	OR	ON	2013/09/20 21:51

S304	0	pacid.in. AND fielder.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/20 21:51
S305	30	pacid.as. AND fielder.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/20 21:51
S306	30	pacid.as.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/20 21:51
S307	7	pacid.as. AND (file ADJ name)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/20 21:51
S308	2	("20110307705").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2013/09/20 21:51
S309	7	pacid.as. AND (file NEAR3 name)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/20 21:51
S310	800	pacid.as. OR fielder.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/20 21:51
S311	180	(hash OR digest OR (($7random ADJ function) OR $7random$3function) OR owf OR (message NEAR3 code) OR trap$3door OR transformation) SAME (key WITH (file NEAR3 name))	USPAT	OR	ON	2013/09/20 21:51
S312	462	(hash OR digest OR (($7random ADJ function) OR $7random$3function) OR owf OR (message NEAR3 code) OR trap$3door OR transformation) SAME (key WITH (file NEAR3 name))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT;	OR	ON	2013/09/20 21:51

			IBM_TDB			
S313	4	S310 AND S312	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/20 21:51
S314	2	("20050076061").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2013/09/20 21:51
S315	2	("5995624").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2013/09/20 21:51
S316	100	(fielder.in. OR alito.in.) AND generator	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/20 21:51
S317	22	(fielder.in. OR alito.in.) AND generator AND digest	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/20 21:51
S318	4	(US-20040177058-$).did. or (US-6049612-$ or US-5995624-$ or US-5963646-$).did.	US-PGPUB; USPAT	OR	ON	2013/09/20 21:51
S319	1	S318 and password	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/20 21:51
S320	1	("9847258").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2013/09/20 21:51
S321	297	hash WITH (combin$4 OR concatenat$4) WITH (previous OR prior)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/20 21:51

S322	358	(digest OR hash) WITH (combin$4 OR concatenat$4) WITH (previous OR prior)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/20 21:51
S323	207	(digest OR hash) WITH ((combin$4 OR concatenat$4) NEAR3(previous OR prior))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/20 21:51
S324	135	(digest OR hash) NEAR3 ((combin$4 OR concatenat$4) NEAR3(previous OR prior))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/20 21:51
S325	87	(digest OR hash) NEAR3 cascad$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/20 21:51
S326	58	(digest OR hash) NEAR2 cascad$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/20 21:51
S327	2	("8413253").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2013/09/20 21:51
S328	1	(13/274753).APP.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2013/09/20 21:51
S329	2	("20110162077").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2013/09/20 21:51
S330	2	("20120324113").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO;	OR	OFF	2013/09/20 21:51

			DERWENT; IBM_TDB			
S331	11	screen$3saver WITH (cookie OR restrict$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/20 21:51
S332	24341	713/168,171.ccls. OR 370/338.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/20 21:51
S333	46	((hash OR digest) SAME first SAME second SAME encrypt$5 SAME secret SAME change)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/20 21:51
S334	4	S332 AND S333	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/20 21:51
S335	567	(hash OR digest) SAME (file ADJ name) SAME key	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/20 21:51
S336	567	(hash OR digest OR (($7random ADJ function) OR $7random$3function)) SAME (file ADJ name) SAME key	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/20 21:51
S337	221	(hash OR digest OR (($7random ADJ function) OR $7random$3function)) SAME ((file ADJ name) NEAR8 key)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/20 21:51
S338	153	(hash OR digest OR (($7random ADJ function) OR $7random$3function)) WITH ((file ADJ name) NEAR8 key)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/20 21:51
S339	0	("2011/0307705").URPN.	USPAT	OR	ON	2013/09/20 21:51

S340	604	ibm.as.	USPAT	OR	ON	2013/09/20 21:51
S341	0	matyas.in. AND S340	USPAT	OR	ON	2013/09/20 21:51
S342	204	matyas.in.	USPAT	OR	ON	2013/09/20 21:51
S343	56	matyas.in. AND (hash OR digest)	USPAT	OR	ON	2013/09/20 21:51
S344	0	matyas.in. AND (hash OR digest) SAME (key WITH (file NEAR3 name))	USPAT	OR	ON	2013/09/20 21:51
S345	2	matyas.in. AND (hash OR digest) AND (key WITH (file NEAR3 name))	USPAT	OR	ON	2013/09/20 21:51
S346	2	matyas.in. AND (hash OR digest OR owf OR (message NEAR3 code) OR trap$3door) AND (key WITH (file NEAR3 name))	USPAT	OR	ON	2013/09/20 21:51
S347	685	(hash OR digest OR owf OR (message NEAR3 code) OR trap$3door) AND (key WITH (file NEAR3 name))	USPAT	OR	ON	2013/09/20 21:51
S348	688	(hash OR digest OR (($7random ADJ function) OR $7random$3function) OR owf OR (message NEAR3 code) OR trap$3door) AND (key WITH (file NEAR3 name))	USPAT	OR	ON	2013/09/20 21:51
S349	178	(hash OR digest OR (($7random ADJ function) OR $7random$3function) OR owf OR (message NEAR3 code) OR trap$3door) SAME (key WITH (file NEAR3 name))	USPAT	OR	ON	2013/09/20 21:51
S350	124	S349 NOT S338	USPAT	OR	ON	2013/09/20 21:51
S351	0	(placid.in. OR pacid.in.) AND fielder.in.	USPAT	OR	ON	2013/09/20 21:51
S352	0	pacid.in. AND fielder.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/20 21:51
S353	30	pacid.as. AND fielder.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/20 21:51
S354	30	pacid.as.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/20 21:51
S355	7	pacid.as. AND (file ADJ name)	US-PGPUB; USPAT;	OR	ON	2013/09/20 21:51

			USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB			
S356	2	("20110307705").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2013/09/20 21:51
S357	7	pacid.as. AND (file NEAR3 name)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/20 21:51
S358	800	pacid.as. OR fielder.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/20 21:51
S359	180	(hash OR digest OR (($7random ADJ function) OR $7random$3function) OR owf OR (message NEAR3 code) OR trap$3door OR transformation) SAME (key WITH (file NEAR3 name))	USPAT	OR	ON	2013/09/20 21:51
S360	462	(hash OR digest OR (($7random ADJ function) OR $7random$3function) OR owf OR (message NEAR3 code) OR trap$3door OR transformation) SAME (key WITH (file NEAR3 name))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/20 21:51
S361	4	S358 AND S360	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/20 21:51
S362	2	("20050076061").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2013/09/20 21:51
S363	2	("5995624").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2013/09/20 21:51
S364	100	(fielder.in. OR alito.in.) AND	US-PGPUB;	OR	ON	2013/09/20

		generator	USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB			21:51
S365	22	(fielder.in. OR alito.in.) AND generator AND digest	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/20 21:51
S366	4	(US-20040177058-$).did. or (US-6049612-$ or US-5995624-$ or US-5963646-$).did.	US-PGPUB; USPAT	OR	ON	2013/09/20 21:51
S367	1	S366 and password	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/20 21:51
S368	24341	713/168,171.ccls. OR 370/338.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/20 21:51
S369	46	((hash OR digest) SAME first SAME second SAME encrypt$5 SAME secret SAME change)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/20 21:51
S370	4	S368 AND S369	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/20 21:51
S371	567	(hash OR digest) SAME (file ADJ name) SAME key	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/20 21:51
S372	567	(hash OR digest OR (($7random ADJ function) OR $7random$3function)) SAME (file ADJ name) SAME key	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/20 21:51
S373	221	(hash OR digest OR (($7random ADJ function) OR $7random$3function)) SAME ((file ADJ name) NEAR8 key)	US-PGPUB; USPAT; USOCR;	OR	ON	2013/09/20 21:51

			FPRS; EPO; JPO; DERWENT; IBM_TDB			
S374	153	(hash OR digest OR (($7random ADJ function) OR $7random$3function)) WITH ((file ADJ name) NEAR8 key)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/20 21:51
S375	0	("2011/0307705").URPN.	USPAT	OR	ON	2013/09/20 21:51
S376	604	ibm.as.	USPAT	OR	ON	2013/09/20 21:51
S377	0	matyas.in. AND S376	USPAT	OR	ON	2013/09/20 21:51
S378	204	matyas.in.	USPAT	OR	ON	2013/09/20 21:51
S379	56	matyas.in. AND (hash OR digest)	USPAT	OR	ON	2013/09/20 21:51
S380	0	matyas.in. AND (hash OR digest) SAME (key WITH (file NEAR3 name))	USPAT	OR	ON	2013/09/20 21:51
S381	2	matyas.in. AND (hash OR digest) AND (key WITH (file NEAR3 name))	USPAT	OR	ON	2013/09/20 21:51
S382	2	matyas.in. AND (hash OR digest OR owf OR (message NEAR3 code) OR trap$3door) AND (key WITH (file NEAR3 name))	USPAT	OR	ON	2013/09/20 21:51
S383	685	(hash OR digest OR owf OR (message NEAR3 code) OR trap$3door) AND (key WITH (file NEAR3 name))	USPAT	OR	ON	2013/09/20 21:51
S384	688	(hash OR digest OR (($7random ADJ function) OR $7random$3function) OR owf OR (message NEAR3 code) OR trap$3door) AND (key WITH (file NEAR3 name))	USPAT	OR	ON	2013/09/20 21:51
S385	178	(hash OR digest OR (($7random ADJ function) OR $7random$3function) OR owf OR (message NEAR3 code) OR trap$3door) SAME (key WITH (file NEAR3 name))	USPAT	OR	ON	2013/09/20 21:52
S386	124	S385 NOT S374	USPAT	OR	ON	2013/09/20 21:52
S387	0	(placid.in. OR pacid.in.) AND fielder.in.	USPAT	OR	ON	2013/09/20 21:52
S388	0	pacid.in. AND fielder.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/20 21:52
S389	30	pacid.as. AND fielder.in.	US-PGPUB; USPAT; USOCR;	OR	ON	2013/09/20 21:52

			FPRS; EPO; JPO; DERWENT; IBM_TDB			
S390	30	pacid.as.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/20 21:52
S391	7	pacid.as. AND (file ADJ name)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/20 21:52
S392	2	("20110307705").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2013/09/20 21:52
S393	7	pacid.as. AND (file NEAR3 name)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/20 21:52
S394	800	pacid.as. OR fielder.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/20 21:52
S395	180	(hash OR digest OR (($7random ADJ function) OR $7random$3function) OR owf OR (message NEAR3 code) OR trap$3door OR transformation) SAME (key WITH (file NEAR3 name))	USPAT	OR	ON	2013/09/20 21:52
S396	462	(hash OR digest OR (($7random ADJ function) OR $7random$3function) OR owf OR (message NEAR3 code) OR trap$3door OR transformation) SAME (key WITH (file NEAR3 name))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/20 21:52
S397	4	S394 AND S396	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/20 21:52
S398	2	("20050076061").PN.	US-PGPUB; USPAT;	OR	OFF	2013/09/20 21:52

			USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB			
S399	2	("5995624").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2013/09/20 21:52
S400	100	(fielder.in. OR alito.in.) AND generator	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/20 21:52
S401	22	(fielder.in. OR alito.in.) AND generator AND digest	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/20 21:52
S402	4	(US-20040177058-$).did. or (US-6049612-$ or US-5995624-$ or US-5963646-$).did.	US-PGPUB; USPAT	OR	ON	2013/09/20 21:52
S403	1	S402 and password	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/20 21:52
S404	1	("9847258").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2013/09/20 21:52
S405	297	hash WITH (combin$4 OR concatenat$4) WITH (previous OR prior)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/20 21:52
S406	358	(digest OR hash) WITH (combin$4 OR concatenat$4) WITH (previous OR prior)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/20 21:52
S407	207	(digest OR hash) WITH ((combin$4 OR concatenat$4) NEAR3(previous OR prior))	US-PGPUB; USPAT; USOCR; FPRS; EPO;	OR	ON	2013/09/20 21:52

			JPO; DERWENT; IBM_TDB			
S408	135	(digest OR hash) NEAR3 ((combin$4 OR concatenat$4) NEAR3(previous OR prior))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/20 21:52
S409	87	(digest OR hash) NEAR3 cascad$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/20 21:52
S410	58	(digest OR hash) NEAR2 cascad$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/20 21:52
S411	2	("8413253").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2013/09/20 21:52
S412	1	(13/274753).APP.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2013/09/20 21:52
S413	2	("20110162077").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2013/09/20 21:52
S414	2	("20120324113").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2013/09/20 21:52
S415	11	screen$3saver WITH (cookie OR restrict$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/20 21:52
S416	14478	algorithm SAME key SAME (digest OR hash OR checksum)	US-PGPUB; USPAT;	OR	ON	2013/09/20 21:52

			USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB			
S417	3064	algorithm NEAR5 key NEAR5 (digest OR hash OR checksum)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/20 21:52
S418	142423	("713"/.clas. OR "726"/.clas. OR "380"/.clas.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/20 21:52
S419	1796	S417 AND S418	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/20 21:52
S420	783	S419 AND @RLAD<="20090325"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/20 21:52
S421	1408	algorithm NEAR3 key NEAR3 (digest OR hash OR checksum)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/20 21:52
S422	853	S421 AND S418	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/20 21:52
S423	325	S422 AND @RLAD<="20090325"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/20 21:52
S424	136	algorithm NEAR3 key NEAR3 ((digest OR hash OR checksum) NEAR2 (result OR value))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/20 21:52

S425	98	S424 AND S418	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/20 21:52
S426	29	S424 AND @RLAD<="20090325"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/20 21:52
S427	75	S425 NOT S426	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/20 21:52
S428	524	key NEAR3 (algorithm ADJ (Id OR identifier OR identification))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/20 21:52
S429	321	S428 AND S418	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/20 21:52
S430	268	S428 AND @RLAD<="20090325"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/20 21:52
S431	151	S430 AND S418	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/20 21:52
S432	147	S431 NOT S424	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/20 21:52
S433	0	key ADJ comprises ADJ (algorithm ADJ (Id OR identifier OR identification))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO;	OR	ON	2013/09/20 21:52

			DERWENT; IBM_TDB			
S434	0	key NEAR2 comprises ADJ (algorithm ADJ (Id OR identifier OR identification))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/20 21:52
S435	0	key NEAR2 comprises NEAR2(algorithm ADJ (Id OR identifier OR identification))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/20 21:52
S436	1	key NEAR4 comprises NEAR4 (algorithm ADJ (Id OR identifier OR identification))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/20 21:52
S437	4	key NEAR6 comprises NEAR6 (algorithm ADJ (Id OR identifier OR identification))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/20 21:52
S438	5	key NEAR8 comprises NEAR8 (algorithm ADJ (Id OR identifier OR identification))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/20 21:52
S439	322	key WITH comprises WITH (association OR (algorithm ADJ (Id OR identifier OR identification)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/20 21:52
S440	114	key NEAR8 comprises NEAR8 (association OR (algorithm ADJ (Id OR identifier OR identification)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/20 21:52
S441	5	S440 SAME (hash OR digest)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/20 21:52
S442	18	((hash OR digest) NEAR3 (Result OR value)) NEAR5 (security ADJ association)	US-PGPUB; USPAT; USOCR;	OR	ON	2013/09/20 21:52

			FPRS; EPO; JPO; DERWENT; IBM_TDB			
S443	456	key WITH (consist OR comprise) WITH (association OR (algorithm ADJ (Id OR identifier OR identification)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/20 21:52
S444	190	key NEAR8 (consist OR comprise) NEAR8 (association OR (algorithm ADJ (Id OR identifier OR identification)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/20 21:52
S445	9	key NEAR8 (consist OR comprise) NEAR8 ((algorithm ADJ (Id OR identifier OR identification)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/20 21:52
S446	246	key NEAR4 vector NEAR4 algorithm	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/20 21:52
S447	107	key NEAR2 vector NEAR2 algorithm	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/20 21:52
S448	0	key NEAR2 vector NEAR2 (algorithm ADJ (Id OR identifier OR identification))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/20 21:52
S449	8	key NEAR8 vector NEAR8 (algorithm ADJ (Id OR identifier OR identification))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/20 21:52
S450	2	(hash OR digest) NEAR8 (crypto ADJ sync)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/20 21:52
S451	38	((hash OR digest) NEAR4 (Result OR	US-PGPUB;	OR	ON	2013/09/20

		value)) NEAR8 ((crypto ADJ sync) OR (encryp$6 NEAR3 parameter))	USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB			21:52
S452	0	placid.in. AND hash	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/20 21:52
S453	0	placid.as. AND ((digest OR hash) SAME algorithm)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/20 21:52
S454	0	placid.as. AND ((digest OR hash) AND algorithm)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/20 21:52
S455	0	placid.as. AND (digest OR hash)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/20 21:52
S456	40	fielder.in. AND (digest OR hash)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/20 21:52
S457	21	fielder.in. AND ((digest OR hash) AND algorithm)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/20 21:52
S458	21	(fielder.in. OR alito.in.) AND ((digest OR hash) AND algorithm)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/20 21:52
S459	30466	713/168,169,171,181,189.ccls. OR 370/338.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT;	OR	ON	2013/09/20 22:16

			IBM_TDB			
S460	39089	713/168,169,171,181,189.ccls. OR 370/338.ccls. OR 709/204.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/20 22:17
S461	2	("7233997").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2013/09/20 22:26
S462	8	(file$3name OR (file ADJ name)) AND "7233997"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/09/20 22:27
S463	2	("7284243").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2013/09/20 22:30
S492	4	("0725812").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2013/12/24 02:14
S493	11	("1949270").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2013/12/24 02:16
S494	3	("20070100913").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2013/12/24 02:17
S495	34687	713/168,169,171,181,189.ccls. OR 370/338.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:06
S496	1903	((hash OR digest OR checksum) SAME algorithm SAME (scrambl$5 OR encipher$5 OR encypher$5 OR encrypt$5) SAME key SAME	US-PGPUB; USPAT; USOCR; FPRS; EPO;	OR	ON	2014/01/29 12:06

		communicat$5)	JPO; DERWENT; IBM_TDB			
S497	258	S495 AND S496	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:07
S498	30	fielder.in. AND ((digest OR hash OR checksum) AND algorithm)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:07
S499	27731	713/168,171.ccls. OR 370/338.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S500	49	((hash OR digest) SAME first SAME second SAME encrypt$5 SAME secret SAME change)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S501	4	S499 AND S500	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S502	598	(hash OR digest) SAME (file ADJ name) SAME key	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S503	598	(hash OR digest OR (($7random ADJ function) OR $7random$3function)) SAME (file ADJ name) SAME key	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S504	232	(hash OR digest OR (($7random ADJ function) OR $7random$3function)) SAME ((file ADJ name) NEAR8 key)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S505	164	(hash OR digest OR (($7random ADJ function) OR $7random$3function))	US-PGPUB; USPAT;	OR	ON	2014/01/29 12:29

		WITH ((file ADJ name) NEAR8 key)	USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB			
S506	1	("2011/0307705").URPN.	USPAT	OR	ON	2014/01/29 12:29
S507	606	ibm.as.	USPAT	OR	ON	2014/01/29 12:29
S508	0	matyas.in. AND S507	USPAT	OR	ON	2014/01/29 12:29
S509	205	matyas.in.	USPAT	OR	ON	2014/01/29 12:29
S510	56	matyas.in. AND (hash OR digest)	USPAT	OR	ON	2014/01/29 12:29
S511	0	matyas.in. AND (hash OR digest) SAME (key WITH (file NEAR3 name))	USPAT	OR	ON	2014/01/29 12:29
S512	2	matyas.in. AND (hash OR digest) AND (key WITH (file NEAR3 name))	USPAT	OR	ON	2014/01/29 12:29
S513	2	matyas.in. AND (hash OR digest OR owf OR (message NEAR3 code) OR trap$3door) AND (key WITH (file NEAR3 name))	USPAT	OR	ON	2014/01/29 12:29
S514	710	(hash OR digest OR owf OR (message NEAR3 code) OR trap$3door) AND (key WITH (file NEAR3 name))	USPAT	OR	ON	2014/01/29 12:29
S515	713	(hash OR digest OR (($7random ADJ function) OR $7random$3function) OR owf OR (message NEAR3 code) OR trap$3door) AND (key WITH (file NEAR3 name))	USPAT	OR	ON	2014/01/29 12:29
S516	187	(hash OR digest OR (($7random ADJ function) OR $7random$3function) OR owf OR (message NEAR3 code) OR trap$3door) SAME (key WITH (file NEAR3 name))	USPAT	OR	ON	2014/01/29 12:29
S517	131	S516 NOT S505	USPAT	OR	ON	2014/01/29 12:29
S518	0	(placid.in. OR pacid.in.) AND fielder.in.	USPAT	OR	ON	2014/01/29 12:29
S519	0	pacid.in. AND fielder.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S520	33	pacid.as. AND fielder.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S521	33	pacid.as.	US-PGPUB; USPAT;	OR	ON	2014/01/29 12:29

			USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB			
S522	9	pacid.as. AND (file ADJ name)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S523	2	("20110307705").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2014/01/29 12:29
S524	9	pacid.as. AND (file NEAR3 name)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S525	1654	pacid.as. OR fielder.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S526	189	(hash OR digest OR (($7random ADJ function) OR $7random$3function) OR owf OR (message NEAR3 code) OR trap$3door OR transformation) SAME (key WITH (file NEAR3 name))	USPAT	OR	ON	2014/01/29 12:29
S527	487	(hash OR digest OR (($7random ADJ function) OR $7random$3function) OR owf OR (message NEAR3 code) OR trap$3door OR transformation) SAME (key WITH (file NEAR3 name))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S528	5	S525 AND S527	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S529	3	("20050076061").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2014/01/29 12:29
S530	2	("5995624").PN.	US-PGPUB;	OR	OFF	2014/01/29

			USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB			12:29
S531	124	(fielder.in. OR alito.in.) AND generator	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S532	32	(fielder.in. OR alito.in.) AND generator AND digest	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S533	4	(US-20040177058-$).did. or (US-6049612-$ or US-5995624-$ or US-5963646-$).did.	US-PGPUB; USPAT	OR	ON	2014/01/29 12:29
S534	1	S533 and password	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S535	27731	713/168,171.ccls. OR 370/338.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S536	49	((hash OR digest) SAME first SAME second SAME encrypt$5 SAME secret SAME change)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S537	4	S535 AND S536	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S538	598	(hash OR digest) SAME (file ADJ name) SAME key	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S539	598	(hash OR digest OR (($7random ADJ function) OR $7random$3function)) SAME (file ADJ name) SAME key	US-PGPUB; USPAT; USOCR;	OR	ON	2014/01/29 12:29

			FPRS; EPO; JPO; DERWENT; IBM_TDB			
S540	232	(hash OR digest OR (($7random ADJ function) OR $7random$3function)) SAME ((file ADJ name) NEAR8 key)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S541	164	(hash OR digest OR (($7random ADJ function) OR $7random$3function)) WITH ((file ADJ name) NEAR8 key)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S542	1	("2011/0307705").URPN.	USPAT	OR	ON	2014/01/29 12:29
S543	606	ibm.as.	USPAT	OR	ON	2014/01/29 12:29
S544	0	matyas.in. AND S543	USPAT	OR	ON	2014/01/29 12:29
S545	205	matyas.in.	USPAT	OR	ON	2014/01/29 12:29
S546	56	matyas.in. AND (hash OR digest)	USPAT	OR	ON	2014/01/29 12:29
S547	0	matyas.in. AND (hash OR digest) SAME (key WITH (file NEAR3 name))	USPAT	OR	ON	2014/01/29 12:29
S548	2	matyas.in. AND (hash OR digest) AND (key WITH (file NEAR3 name))	USPAT	OR	ON	2014/01/29 12:29
S549	2	matyas.in. AND (hash OR digest OR owf OR (message NEAR3 code) OR trap$3door) AND (key WITH (file NEAR3 name))	USPAT	OR	ON	2014/01/29 12:29
S550	710	(hash OR digest OR owf OR (message NEAR3 code) OR trap$3door) AND (key WITH (file NEAR3 name))	USPAT	OR	ON	2014/01/29 12:29
S551	713	(hash OR digest OR (($7random ADJ function) OR $7random$3function) OR owf OR (message NEAR3 code) OR trap$3door) AND (key WITH (file NEAR3 name))	USPAT	OR	ON	2014/01/29 12:29
S552	187	(hash OR digest OR (($7random ADJ function) OR $7random$3function) OR owf OR (message NEAR3 code) OR trap$3door) SAME (key WITH (file NEAR3 name))	USPAT	OR	ON	2014/01/29 12:29
S553	131	S552 NOT S541	USPAT	OR	ON	2014/01/29 12:29
S554	0	(placid.in. OR pacid.in.) AND fielder.in.	USPAT	OR	ON	2014/01/29 12:29
S555	0	pacid.in. AND fielder.in.	US-PGPUB; USPAT; USOCR;	OR	ON	2014/01/29 12:29

			FPRS; EPO; JPO; DERWENT; IBM_TDB			
S556	33	pacid.as. AND fielder.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S557	33	pacid.as.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S558	9	pacid.as. AND (file ADJ name)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S559	2	("20110307705").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2014/01/29 12:29
S560	9	pacid.as. AND (file NEAR3 name)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S561	1654	pacid.as. OR fielder.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S562	189	(hash OR digest OR (($7random ADJ function) OR $7random$3function) OR owf OR (message NEAR3 code) OR trap$3door OR transformation) SAME (key WITH (file NEAR3 name))	USPAT	OR	ON	2014/01/29 12:29
S563	487	(hash OR digest OR (($7random ADJ function) OR $7random$3function) OR owf OR (message NEAR3 code) OR trap$3door OR transformation) SAME (key WITH (file NEAR3 name))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S564	5	S561 AND S563	US-PGPUB; USPAT;	OR	ON	2014/01/29 12:29

			USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB			
S565	3	("20050076061").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2014/01/29 12:29
S566	2	("5995624").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2014/01/29 12:29
S567	124	(fielder.in. OR alito.in.) AND generator	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S568	32	(fielder.in. OR alito.in.) AND generator AND digest	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S569	4	(US-20040177058-$).did. or (US-6049612-$ or US-5995624-$ or US-5963646-$).did.	US-PGPUB; USPAT	OR	ON	2014/01/29 12:29
S570	1	S569 and password	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S571	3	("9847258").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2014/01/29 12:29
S572	327	hash WITH (combin$4 OR concatenat$4) WITH (previous OR prior)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S573	390	(digest OR hash) WITH (combin$4 OR concatenat$4) WITH (previous OR prior)	US-PGPUB; USPAT; USOCR; FPRS; EPO;	OR	ON	2014/01/29 12:29

			JPO; DERWENT; IBM_TDB			
S574	216	(digest OR hash) WITH ((combin$4 OR concatenat$4) NEAR3(previous OR prior))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S575	139	(digest OR hash) NEAR3 ((combin$4 OR concatenat$4) NEAR3(previous OR prior))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S576	98	(digest OR hash) NEAR3 cascad$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S577	63	(digest OR hash) NEAR2 cascad$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S578	4	("8413253").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2014/01/29 12:29
S579	1	(13/274753).APP.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2014/01/29 12:29
S580	2	("20110162077").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2014/01/29 12:29
S581	2	("20120324113").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2014/01/29 12:29
S582	13	screen$3saver WITH (cookie OR restrict$5)	US-PGPUB; USPAT;	OR	ON	2014/01/29 12:29

			USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB			
S583	27731	713/168,171.ccls. OR 370/338.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S584	49	((hash OR digest) SAME first SAME second SAME encrypt$5 SAME secret SAME change)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S585	4	S583 AND S584	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S586	598	(hash OR digest) SAME (file ADJ name) SAME key	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S587	598	(hash OR digest OR (($7random ADJ function) OR $7random$3function)) SAME (file ADJ name) SAME key	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S588	232	(hash OR digest OR (($7random ADJ function) OR $7random$3function)) SAME ((file ADJ name) NEAR8 key)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S589	164	(hash OR digest OR (($7random ADJ function) OR $7random$3function)) WITH ((file ADJ name) NEAR8 key)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S590	1	("2011/0307705").URPN.	USPAT	OR	ON	2014/01/29 12:29
S591	606	ibm.as.	USPAT	OR	ON	2014/01/29 12:29
S592	0	matyas.in. AND S591	USPAT	OR	ON	2014/01/29 12:29

S593	205	matyas.in.	USPAT	OR	ON	2014/01/29 12:29
S594	56	matyas.in. AND (hash OR digest)	USPAT	OR	ON	2014/01/29 12:29
S595	0	matyas.in. AND (hash OR digest) SAME (key WITH (file NEAR3 name))	USPAT	OR	ON	2014/01/29 12:29
S596	2	matyas.in. AND (hash OR digest) AND (key WITH (file NEAR3 name))	USPAT	OR	ON	2014/01/29 12:29
S597	2	matyas.in. AND (hash OR digest OR owf OR (message NEAR3 code) OR trap$3door) AND (key WITH (file NEAR3 name))	USPAT	OR	ON	2014/01/29 12:29
S598	710	(hash OR digest OR owf OR (message NEAR3 code) OR trap$3door) AND (key WITH (file NEAR3 name))	USPAT	OR	ON	2014/01/29 12:29
S599	713	(hash OR digest OR (($7random ADJ function) OR $7random$3function) OR owf OR (message NEAR3 code) OR trap$3door) AND (key WITH (file NEAR3 name))	USPAT	OR	ON	2014/01/29 12:29
S600	187	(hash OR digest OR (($7random ADJ function) OR $7random$3function) OR owf OR (message NEAR3 code) OR trap$3door) SAME (key WITH (file NEAR3 name))	USPAT	OR	ON	2014/01/29 12:29
S601	131	S600 NOT S589	USPAT	OR	ON	2014/01/29 12:29
S602	0	(placid.in. OR pacid.in.) AND fielder.in.	USPAT	OR	ON	2014/01/29 12:29
S603	0	pacid.in. AND fielder.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S604	33	pacid.as. AND fielder.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S605	33	pacid.as.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S606	9	pacid.as. AND (file ADJ name)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29

S607	2	("20110307705").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2014/01/29 12:29
S608	9	pacid.as. AND (file NEAR3 name)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S609	1654	pacid.as. OR fielder.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S610	189	(hash OR digest OR (($7random ADJ function) OR $7random$3function) OR owf OR (message NEAR3 code) OR trap$3door OR transformation) SAME (key WITH (file NEAR3 name))	USPAT	OR	ON	2014/01/29 12:29
S611	487	(hash OR digest OR (($7random ADJ function) OR $7random$3function) OR owf OR (message NEAR3 code) OR trap$3door OR transformation) SAME (key WITH (file NEAR3 name))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S612	5	S609 AND S611	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S613	3	("20050076061").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2014/01/29 12:29
S614	2	("5995624").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2014/01/29 12:29
S615	124	(fielder.in. OR alito.in.) AND generator	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT;	OR	ON	2014/01/29 12:29

			IBM_TDB			
S616	32	(fielder.in. OR alito.in.) AND generator AND digest	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S617	4	(US-20040177058-$).did. or (US-6049612-$ or US-5995624-$ or US-5963646-$).did.	US-PGPUB; USPAT	OR	ON	2014/01/29 12:29
S618	1	S617 and password	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S619	27731	713/168,171.ccls. OR 370/338.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S620	49	((hash OR digest) SAME first SAME second SAME encrypt$5 SAME secret SAME change)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S621	4	S619 AND S620	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S622	598	(hash OR digest) SAME (file ADJ name) SAME key	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S623	598	(hash OR digest OR (($7random ADJ function) OR $7random$3function)) SAME (file ADJ name) SAME key	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S624	232	(hash OR digest OR (($7random ADJ function) OR $7random$3function)) SAME ((file ADJ name) NEAR8 key)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29

S625	164	(hash OR digest OR (($7random ADJ function) OR $7random$3function)) WITH ((file ADJ name) NEAR8 key)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S626	1	("2011/0307705").URPN.	USPAT	OR	ON	2014/01/29 12:29
S627	606	ibm.as.	USPAT	OR	ON	2014/01/29 12:29
S628	0	matyas.in. AND S627	USPAT	OR	ON	2014/01/29 12:29
S629	205	matyas.in.	USPAT	OR	ON	2014/01/29 12:29
S630	56	matyas.in. AND (hash OR digest)	USPAT	OR	ON	2014/01/29 12:29
S631	0	matyas.in. AND (hash OR digest) SAME (key WITH (file NEAR3 name))	USPAT	OR	ON	2014/01/29 12:29
S632	2	matyas.in. AND (hash OR digest) AND (key WITH (file NEAR3 name))	USPAT	OR	ON	2014/01/29 12:29
S633	2	matyas.in. AND (hash OR digest OR owf OR (message NEAR3 code) OR trap$3door) AND (key WITH (file NEAR3 name))	USPAT	OR	ON	2014/01/29 12:29
S634	710	(hash OR digest OR owf OR (message NEAR3 code) OR trap$3door) AND (key WITH (file NEAR3 name))	USPAT	OR	ON	2014/01/29 12:29
S635	713	(hash OR digest OR (($7random ADJ function) OR $7random$3function) OR owf OR (message NEAR3 code) OR trap$3door) AND (key WITH (file NEAR3 name))	USPAT	OR	ON	2014/01/29 12:29
S636	187	(hash OR digest OR (($7random ADJ function) OR $7random$3function) OR owf OR (message NEAR3 code) OR trap$3door) SAME (key WITH (file NEAR3 name))	USPAT	OR	ON	2014/01/29 12:29
S637	131	S636 NOT S625	USPAT	OR	ON	2014/01/29 12:29
S638	0	(placid.in. OR pacid.in.) AND fielder.in.	USPAT	OR	ON	2014/01/29 12:29
S639	0	pacid.in. AND fielder.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S640	33	pacid.as. AND fielder.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29

S641	33	pacid.as.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S642	9	pacid.as. AND (file ADJ name)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S643	2	("20110307705").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2014/01/29 12:29
S644	9	pacid.as. AND (file NEAR3 name)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S645	1654	pacid.as. OR fielder.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S646	189	(hash OR digest OR (($7random ADJ function) OR $7random$3function) OR owf OR (message NEAR3 code) OR trap$3door OR transformation) SAME (key WITH (file NEAR3 name))	USPAT	OR	ON	2014/01/29 12:29
S647	487	(hash OR digest OR (($7random ADJ function) OR $7random$3function) OR owf OR (message NEAR3 code) OR trap$3door OR transformation) SAME (key WITH (file NEAR3 name))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S648	5	S645 AND S647	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S649	3	("20050076061").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT;	OR	OFF	2014/01/29 12:29

			IBM_TDB			
S650	2	("5995624").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2014/01/29 12:29
S651	124	(fielder.in. OR alito.in.) AND generator	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S652	32	(fielder.in. OR alito.in.) AND generator AND digest	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S653	4	(US-20040177058-$).did. or (US-6049612-$ or US-5995624-$ or US-5963646-$).did.	US-PGPUB; USPAT	OR	ON	2014/01/29 12:29
S654	1	S653 and password	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S655	3	("9847258").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2014/01/29 12:29
S656	327	hash WITH (combin$4 OR concatenat$4) WITH (previous OR prior)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S657	390	(digest OR hash) WITH (combin$4 OR concatenat$4) WITH (previous OR prior)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S658	216	(digest OR hash) WITH ((combin$4 OR concatenat$4) NEAR3(previous OR prior))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29

S659	139	(digest OR hash) NEAR3 ((combin$4 OR concatenat$4) NEAR3(previous OR prior))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S660	98	(digest OR hash) NEAR3 cascad$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S661	63	(digest OR hash) NEAR2 cascad$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S662	4	("8413253").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2014/01/29 12:29
S663	1	(13/274753).APP.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2014/01/29 12:29
S664	2	("20110162077").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2014/01/29 12:29
S665	2	("20120324113").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2014/01/29 12:29
S666	13	screen$3saver WITH (cookie OR restrict$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S667	15734	algorithm SAME key SAME (digest OR hash OR checksum)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO;	OR	ON	2014/01/29 12:29

			DERWENT; IBM_TDB			
S668	3356	algorithm NEAR5 key NEAR5 (digest OR hash OR checksum)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S669	158200	("713"/.clas. OR "726"/.clas. OR "380"/.clas.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S670	1894	S668 AND S669	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S671	824	S670 AND @RLAD<="20090325"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S672	1538	algorithm NEAR3 key NEAR3 (digest OR hash OR checksum)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S673	888	S672 AND S669	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S674	342	S673 AND @RLAD<="20090325"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S675	148	algorithm NEAR3 key NEAR3 ((digest OR hash OR checksum) NEAR2 (result OR value))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S676	101	S675 AND S669	US-PGPUB; USPAT; USOCR;	OR	ON	2014/01/29 12:29

			FPRS; EPO; JPO; DERWENT; IBM_TDB			
S677	29	S675 AND @RLAD<="20090325"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S678	78	S676 NOT S677	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S679	610	key NEAR3 (algorithm ADJ (Id OR identifier OR identification))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S680	341	S679 AND S669	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S681	286	S679 AND @RLAD<="20090325"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S682	162	S681 AND S669	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S683	158	S682 NOT S675	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S684	0	key ADJ comprises ADJ (algorithm ADJ (Id OR identifier OR identification))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S685	0	key NEAR2 comprises ADJ (algorithm	US-PGPUB;	OR	ON	2014/01/29

		ADJ (Id OR identifier OR identification))	USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB			12:29
S686	0	key NEAR2 comprises NEAR2(algorithm ADJ (Id OR identifier OR identification))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S687	1	key NEAR4 comprises NEAR4 (algorithm ADJ (Id OR identifier OR identification))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S688	4	key NEAR6 comprises NEAR6 (algorithm ADJ (Id OR identifier OR identification))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S689	5	key NEAR8 comprises NEAR8 (algorithm ADJ (Id OR identifier OR identification))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S690	349	key WITH comprises WITH (association OR (algorithm ADJ (Id OR identifier OR identification)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S691	127	key NEAR8 comprises NEAR8 (association OR (algorithm ADJ (Id OR identifier OR identification)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S692	5	S691 SAME (hash OR digest)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S693	18	((hash OR digest) NEAR3 (Result OR value)) NEAR5 (security ADJ association)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT;	OR	ON	2014/01/29 12:29

			IBM_TDB			
S694	495	key WITH (consist OR comprise) WITH (association OR (algorithm ADJ (Id OR identifier OR identification)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S695	210	key NEAR8 (consist OR comprise) NEAR8 (association OR (algorithm ADJ (Id OR identifier OR identification)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S696	10	key NEAR8 (consist OR comprise) NEAR8 ((algorithm ADJ (Id OR identifier OR identification)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S697	281	key NEAR4 vector NEAR4 algorithm	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S698	109	key NEAR2 vector NEAR2 algorithm	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S699	0	key NEAR2 vector NEAR2 (algorithm ADJ (Id OR identifier OR identification))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S700	26	key NEAR8 vector NEAR8 (algorithm ADJ (Id OR identifier OR identification))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S701	2	(hash OR digest) NEAR8 (crypto ADJ sync)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S702	40	((hash OR digest) NEAR4 (Result OR value)) NEAR8 ((crypto ADJ sync) OR (encryp$6 NEAR3 parameter))	US-PGPUB; USPAT; USOCR; FPRS; EPO;	OR	ON	2014/01/29 12:29

			JPO; DERWENT; IBM_TDB			
S703	0	placid.in. AND hash	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S704	0	placid.as. AND ((digest OR hash) SAME algorithm)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S705	0	placid.as. AND ((digest OR hash) AND algorithm)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S706	0	placid.as. AND (digest OR hash)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S707	57	fielder.in. AND (digest OR hash)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S708	30	fielder.in. AND ((digest OR hash) AND algorithm)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S709	30	(fielder.in. OR alito.in.) AND ((digest OR hash) AND algorithm)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S710	28660	713/168,171,181.ccls. OR 370/338.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S711	27731	713/168,171.ccls. OR 370/338.ccls.	US-PGPUB; USPAT;	OR	ON	2014/01/29 12:29

			USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB			
S712	49	((hash OR digest) SAME first SAME second SAME encrypt$5 SAME secret SAME change)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S713	4	S711 AND S712	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S714	598	(hash OR digest) SAME (file ADJ name) SAME key	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S715	598	(hash OR digest OR (($7random ADJ function) OR $7random$3function)) SAME (file ADJ name) SAME key	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S716	232	(hash OR digest OR (($7random ADJ function) OR $7random$3function)) SAME ((file ADJ name) NEAR8 key)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S717	164	(hash OR digest OR (($7random ADJ function) OR $7random$3function)) WITH ((file ADJ name) NEAR8 key)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S718	1	("2011/0307705").URPN.	USPAT	OR	ON	2014/01/29 12:29
S719	606	ibm.as.	USPAT	OR	ON	2014/01/29 12:29
S720	0	matyas.in. AND S719	USPAT	OR	ON	2014/01/29 12:29
S721	205	matyas.in.	USPAT	OR	ON	2014/01/29 12:29
S722	56	matyas.in. AND (hash OR digest)	USPAT	OR	ON	2014/01/29 12:29
S723	0	matyas.in. AND (hash OR digest) SAME (key WITH (file NEAR3 name))	USPAT	OR	ON	2014/01/29 12:29

S724	2	matyas.in. AND (hash OR digest) AND (key WITH (file NEAR3 name))	USPAT	OR	ON	2014/01/29 12:29
S725	2	matyas.in. AND (hash OR digest OR owf OR (message NEAR3 code) OR trap$3door) AND (key WITH (file NEAR3 name))	USPAT	OR	ON	2014/01/29 12:29
S726	710	(hash OR digest OR owf OR (message NEAR3 code) OR trap$3door) AND (key WITH (file NEAR3 name))	USPAT	OR	ON	2014/01/29 12:29
S727	713	(hash OR digest OR (($7random ADJ function) OR $7random$3function) OR owf OR (message NEAR3 code) OR trap$3door) AND (key WITH (file NEAR3 name))	USPAT	OR	ON	2014/01/29 12:29
S728	187	(hash OR digest OR (($7random ADJ function) OR $7random$3function) OR owf OR (message NEAR3 code) OR trap$3door) SAME (key WITH (file NEAR3 name))	USPAT	OR	ON	2014/01/29 12:29
S729	131	S728 NOT S717	USPAT	OR	ON	2014/01/29 12:29
S730	0	(placid.in. OR pacid.in.) AND fielder.in.	USPAT	OR	ON	2014/01/29 12:29
S731	0	pacid.in. AND fielder.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S732	33	pacid.as. AND fielder.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S733	33	pacid.as.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S734	9	pacid.as. AND (file ADJ name)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S735	2	("20110307705").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2014/01/29 12:29

S736	9	pacid.as. AND (file NEAR3 name)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S737	1654	pacid.as. OR fielder.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S738	189	(hash OR digest OR (($7random ADJ function) OR $7random$3function) OR owf OR (message NEAR3 code) OR trap$3door OR transformation) SAME (key WITH (file NEAR3 name))	USPAT	OR	ON	2014/01/29 12:29
S739	487	(hash OR digest OR (($7random ADJ function) OR $7random$3function) OR owf OR (message NEAR3 code) OR trap$3door OR transformation) SAME (key WITH (file NEAR3 name))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S740	5	S737 AND S739	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S741	3	("20050076061").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2014/01/29 12:29
S742	2	("5995624").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2014/01/29 12:29
S743	124	(fielder.in. OR alito.in.) AND generator	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S744	32	(fielder.in. OR alito.in.) AND generator AND digest	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT;	OR	ON	2014/01/29 12:29

			IBM_TDB			
S745	4	(US-20040177058-$).did. or (US-6049612-$ or US-5995624-$ or US-5963646-$).did.	US-PGPUB; USPAT	OR	ON	2014/01/29 12:29
S746	1	S745 and password	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S747	27731	713/168,171.ccls. OR 370/338.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S748	49	((hash OR digest) SAME first SAME second SAME encrypt$5 SAME secret SAME change)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S749	4	S747 AND S748	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S750	598	(hash OR digest) SAME (file ADJ name) SAME key	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S751	598	(hash OR digest OR (($7random ADJ function) OR $7random$3function)) SAME (file ADJ name) SAME key	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S752	232	(hash OR digest OR (($7random ADJ function) OR $7random$3function)) SAME ((file ADJ name) NEAR8 key)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S753	164	(hash OR digest OR (($7random ADJ function) OR $7random$3function)) WITH ((file ADJ name) NEAR8 key)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29

S754	1	("2011/0307705").URPN.	USPAT	OR	ON	2014/01/29 12:29
S755	606	ibm.as.	USPAT	OR	ON	2014/01/29 12:29
S756	0	matyas.in. AND S755	USPAT	OR	ON	2014/01/29 12:29
S757	205	matyas.in.	USPAT	OR	ON	2014/01/29 12:29
S758	56	matyas.in. AND (hash OR digest)	USPAT	OR	ON	2014/01/29 12:29
S759	0	matyas.in. AND (hash OR digest) SAME (key WITH (file NEAR3 name))	USPAT	OR	ON	2014/01/29 12:29
S760	2	matyas.in. AND (hash OR digest) AND (key WITH (file NEAR3 name))	USPAT	OR	ON	2014/01/29 12:29
S761	2	matyas.in. AND (hash OR digest OR owf OR (message NEAR3 code) OR trap$3door) AND (key WITH (file NEAR3 name))	USPAT	OR	ON	2014/01/29 12:29
S762	710	(hash OR digest OR owf OR (message NEAR3 code) OR trap$3door) AND (key WITH (file NEAR3 name))	USPAT	OR	ON	2014/01/29 12:29
S763	713	(hash OR digest OR (($7random ADJ function) OR $7random$3function) OR owf OR (message NEAR3 code) OR trap$3door) AND (key WITH (file NEAR3 name))	USPAT	OR	ON	2014/01/29 12:29
S764	187	(hash OR digest OR (($7random ADJ function) OR $7random$3function) OR owf OR (message NEAR3 code) OR trap$3door) SAME (key WITH (file NEAR3 name))	USPAT	OR	ON	2014/01/29 12:29
S765	131	S764 NOT S753	USPAT	OR	ON	2014/01/29 12:29
S766	0	(placid.in. OR pacid.in.) AND fielder.in.	USPAT	OR	ON	2014/01/29 12:29
S767	0	pacid.in. AND fielder.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S768	33	pacid.as. AND fielder.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S769	33	pacid.as.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29

S770	9	pacid.as. AND (file ADJ name)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S771	2	("20110307705").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2014/01/29 12:29
S772	9	pacid.as. AND (file NEAR3 name)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S773	1654	pacid.as. OR fielder.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S774	189	(hash OR digest OR (($7random ADJ function) OR $7random$3function) OR owf OR (message NEAR3 code) OR trap$3door OR transformation) SAME (key WITH (file NEAR3 name))	USPAT	OR	ON	2014/01/29 12:29
S775	487	(hash OR digest OR (($7random ADJ function) OR $7random$3function) OR owf OR (message NEAR3 code) OR trap$3door OR transformation) SAME (key WITH (file NEAR3 name))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S776	5	S773 AND S775	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S777	3	("20050076061").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2014/01/29 12:29
S778	2	("5995624").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT;	OR	OFF	2014/01/29 12:29

			IBM_TDB			
S779	124	(fielder.in. OR alito.in.) AND generator	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S780	32	(fielder.in. OR alito.in.) AND generator AND digest	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S781	4	(US-20040177058-$).did. or (US-6049612-$ or US-5995624-$ or US-5963646-$).did.	US-PGPUB; USPAT	OR	ON	2014/01/29 12:29
S782	1	S781 and password	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S783	3	("9847258").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2014/01/29 12:29
S784	327	hash WITH (combin$4 OR concatenat$4) WITH (previous OR prior)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S785	390	(digest OR hash) WITH (combin$4 OR concatenat$4) WITH (previous OR prior)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S786	216	(digest OR hash) WITH ((combin$4 OR concatenat$4) NEAR3(previous OR prior))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S787	139	(digest OR hash) NEAR3 ((combin$4 OR concatenat$4) NEAR3(previous OR prior))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29

S788	98	(digest OR hash) NEAR3 cascad$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S789	63	(digest OR hash) NEAR2 cascad$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S790	4	("8413253").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2014/01/29 12:29
S791	1	(13/274753).APP.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2014/01/29 12:29
S792	2	("20110162077").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2014/01/29 12:29
S793	2	("20120324113").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2014/01/29 12:29
S794	13	screen$3saver WITH (cookie OR restrict$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S795	27731	713/168,171.ccls. OR 370/338.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S796	49	((hash OR digest) SAME first SAME second SAME encrypt$5 SAME secret SAME change)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO;	OR	ON	2014/01/29 12:29

			DERWENT; IBM_TDB			
S797	4	S795 AND S796	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S798	598	(hash OR digest) SAME (file ADJ name) SAME key	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S799	598	(hash OR digest OR (($7random ADJ function) OR $7random$3function)) SAME (file ADJ name) SAME key	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S800	232	(hash OR digest OR (($7random ADJ function) OR $7random$3function)) SAME ((file ADJ name) NEAR8 key)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S801	164	(hash OR digest OR (($7random ADJ function) OR $7random$3function)) WITH ((file ADJ name) NEAR8 key)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S802	1	("2011/0307705").URPN.	USPAT	OR	ON	2014/01/29 12:29
S803	606	ibm.as.	USPAT	OR	ON	2014/01/29 12:29
S804	0	matyas.in. AND S803	USPAT	OR	ON	2014/01/29 12:29
S805	205	matyas.in.	USPAT	OR	ON	2014/01/29 12:29
S806	56	matyas.in. AND (hash OR digest)	USPAT	OR	ON	2014/01/29 12:29
S807	0	matyas.in. AND (hash OR digest) SAME (key WITH (file NEAR3 name))	USPAT	OR	ON	2014/01/29 12:29
S808	2	matyas.in. AND (hash OR digest) AND (key WITH (file NEAR3 name))	USPAT	OR	ON	2014/01/29 12:29
S809	2	matyas.in. AND (hash OR digest OR owf OR (message NEAR3 code) OR trap$3door) AND (key WITH (file NEAR3 name))	USPAT	OR	ON	2014/01/29 12:29
S810	710	(hash OR digest OR owf OR (message NEAR3 code) OR trap$3door) AND (key WITH (file	USPAT	OR	ON	2014/01/29 12:29

		NEAR3 name))				
S811	713	(hash OR digest OR (($7random ADJ function) OR $7random$3function) OR owf OR (message NEAR3 code) OR trap$3door) AND (key WITH (file NEAR3 name))	USPAT	OR	ON	2014/01/29 12:29
S812	187	(hash OR digest OR (($7random ADJ function) OR $7random$3function) OR owf OR (message NEAR3 code) OR trap$3door) SAME (key WITH (file NEAR3 name))	USPAT	OR	ON	2014/01/29 12:29
S813	131	S812 NOT S801	USPAT	OR	ON	2014/01/29 12:29
S814	0	(placid.in. OR pacid.in.) AND fielder.in.	USPAT	OR	ON	2014/01/29 12:29
S815	0	pacid.in. AND fielder.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S816	33	pacid.as. AND fielder.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S817	33	pacid.as.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S818	9	pacid.as. AND (file ADJ name)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S819	2	("20110307705").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2014/01/29 12:29
S820	9	pacid.as. AND (file NEAR3 name)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S821	1654	pacid.as. OR fielder.in.	US-PGPUB; USPAT; USOCR;	OR	ON	2014/01/29 12:29

			FPRS; EPO; JPO; DERWENT; IBM_TDB			
S822	189	(hash OR digest OR (($7random ADJ function) OR $7random$3function) OR owf OR (message NEAR3 code) OR trap$3door OR transformation) SAME (key WITH (file NEAR3 name))	USPAT	OR	ON	2014/01/29 12:29
S823	487	(hash OR digest OR (($7random ADJ function) OR $7random$3function) OR owf OR (message NEAR3 code) OR trap$3door OR transformation) SAME (key WITH (file NEAR3 name))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S824	5	S821 AND S823	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S825	3	("20050076061").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2014/01/29 12:29
S826	2	("5995624").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2014/01/29 12:29
S827	124	(fielder.in. OR alito.in.) AND generator	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S828	32	(fielder.in. OR alito.in.) AND generator AND digest	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S829	4	(US-20040177058-$).did. or (US-6049612-$ or US-5995624-$ or US-5963646-$).did.	US-PGPUB; USPAT	OR	ON	2014/01/29 12:29
S830	1	S829 and password	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT;	OR	ON	2014/01/29 12:29

			IBM_TDB			
S831	27731	713/168,171.ccls. OR 370/338.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S832	49	((hash OR digest) SAME first SAME second SAME encrypt$5 SAME secret SAME change)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S833	4	S831 AND S832	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S834	598	(hash OR digest) SAME (file ADJ name) SAME key	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S835	598	(hash OR digest OR (($7random ADJ function) OR $7random$3function)) SAME (file ADJ name) SAME key	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S836	232	(hash OR digest OR (($7random ADJ function) OR $7random$3function)) SAME ((file ADJ name) NEAR8 key)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S837	164	(hash OR digest OR (($7random ADJ function) OR $7random$3function)) WITH ((file ADJ name) NEAR8 key)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S838	1	("2011/0307705").URPN.	USPAT	OR	ON	2014/01/29 12:29
S839	606	ibm.as.	USPAT	OR	ON	2014/01/29 12:29
S840	0	matyas.in. AND S839	USPAT	OR	ON	2014/01/29 12:29
S841	205	matyas.in.	USPAT	OR	ON	2014/01/29 12:29
S842	56	matyas.in. AND (hash OR digest)	USPAT	OR	ON	2014/01/29 12:29

S843	0	matyas.in. AND (hash OR digest) SAME (key WITH (file NEAR3 name))	USPAT	OR	ON	2014/01/29 12:29
S844	2	matyas.in. AND (hash OR digest) AND (key WITH (file NEAR3 name))	USPAT	OR	ON	2014/01/29 12:29
S845	2	matyas.in. AND (hash OR digest OR owf OR (message NEAR3 code) OR trap$3door) AND (key WITH (file NEAR3 name))	USPAT	OR	ON	2014/01/29 12:29
S846	710	(hash OR digest OR owf OR (message NEAR3 code) OR trap$3door) AND (key WITH (file NEAR3 name))	USPAT	OR	ON	2014/01/29 12:29
S847	713	(hash OR digest OR (($7random ADJ function) OR $7random$3function) OR owf OR (message NEAR3 code) OR trap$3door) AND (key WITH (file NEAR3 name))	USPAT	OR	ON	2014/01/29 12:29
S848	187	(hash OR digest OR (($7random ADJ function) OR $7random$3function) OR owf OR (message NEAR3 code) OR trap$3door) SAME (key WITH (file NEAR3 name))	USPAT	OR	ON	2014/01/29 12:29
S849	131	S848 NOT S837	USPAT	OR	ON	2014/01/29 12:29
S850	0	(placid.in. OR pacid.in.) AND fielder.in.	USPAT	OR	ON	2014/01/29 12:29
S851	0	pacid.in. AND fielder.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S852	33	pacid.as. AND fielder.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S853	33	pacid.as.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S854	9	pacid.as. AND (file ADJ name)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S855	2	("20110307705").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO;	OR	OFF	2014/01/29 12:29

			JPO; DERWENT; IBM_TDB			
S856	9	pacid.as. AND (file NEAR3 name)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S857	1654	pacid.as. OR fielder.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S858	189	(hash OR digest OR (($7random ADJ function) OR $7random$3function) OR owf OR (message NEAR3 code) OR trap$3door OR transformation) SAME (key WITH (file NEAR3 name))	USPAT	OR	ON	2014/01/29 12:29
S859	487	(hash OR digest OR (($7random ADJ function) OR $7random$3function) OR owf OR (message NEAR3 code) OR trap$3door OR transformation) SAME (key WITH (file NEAR3 name))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S860	5	S857 AND S859	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S861	3	("20050076061").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2014/01/29 12:29
S862	2	("5995624").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2014/01/29 12:29
S863	124	(fielder.in. OR alito.in.) AND generator	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S864	32	(fielder.in. OR alito.in.) AND generator AND digest	US-PGPUB; USPAT; USOCR;	OR	ON	2014/01/29 12:29

			FPRS; EPO; JPO; DERWENT; IBM_TDB			
S865	4	(US-20040177058-$).did. or (US-6049612-$ or US-5995624-$ or US-5963646-$).did.	US-PGPUB; USPAT	OR	ON	2014/01/29 12:29
S866	1	S865 and password	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S867	3	("9847258").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2014/01/29 12:29
S868	327	hash WITH (combin$4 OR concatenat$4) WITH (previous OR prior)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S869	390	(digest OR hash) WITH (combin$4 OR concatenat$4) WITH (previous OR prior)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S870	216	(digest OR hash) WITH ((combin$4 OR concatenat$4) NEAR3(previous OR prior))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S871	139	(digest OR hash) NEAR3 ((combin$4 OR concatenat$4) NEAR3(previous OR prior))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S872	98	(digest OR hash) NEAR3 cascad$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S873	63	(digest OR hash) NEAR2 cascad$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO;	OR	ON	2014/01/29 12:29

			DERWENT; IBM_TDB			
S874	4	("8413253").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2014/01/29 12:29
S875	1	(13/274753).APP.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2014/01/29 12:29
S876	2	("20110162077").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2014/01/29 12:29
S877	2	("20120324113").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2014/01/29 12:29
S878	13	screen$3saver WITH (cookie OR restrict$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S879	15734	algorithm SAME key SAME (digest OR hash OR checksum)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S880	3356	algorithm NEAR5 key NEAR5 (digest OR hash OR checksum)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S881	158200	("713"/.clas. OR "726"/.clas. OR "380"/.clas.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S882	1894	S880 AND S881	US-PGPUB; USPAT; USOCR;	OR	ON	2014/01/29 12:29

			FPRS; EPO; JPO; DERWENT; IBM_TDB			
S883	824	S882 AND @RLAD<="20090325"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S884	1538	algorithm NEAR3 key NEAR3 (digest OR hash OR checksum)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S885	888	S884 AND S881	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S886	342	S885 AND @RLAD<="20090325"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S887	148	algorithm NEAR3 key NEAR3 ((digest OR hash OR checksum) NEAR2 (result OR value))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S888	101	S887 AND S881	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S889	29	S887 AND @RLAD<="20090325"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S890	78	S888 NOT S889	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S891	610	key NEAR3 (algorithm ADJ (Id OR	US-PGPUB;	OR	ON	2014/01/29

		identifier OR identification))	USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB			12:29
S892	341	S891 AND S881	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S893	286	S891 AND @RLAD<="20090325"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S894	162	S893 AND S881	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S895	158	S894 NOT S887	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S896	0	key ADJ comprises ADJ (algorithm ADJ (Id OR identifier OR identification))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S897	0	key NEAR2 comprises ADJ (algorithm ADJ (Id OR identifier OR identification))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S898	0	key NEAR2 comprises NEAR2(algorithm ADJ (Id OR identifier OR identification))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S899	1	key NEAR4 comprises NEAR4 (algorithm ADJ (Id OR identifier OR identification))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT;	OR	ON	2014/01/29 12:29

			IBM_TDB			
S900	4	key NEAR6 comprises NEAR6 (algorithm ADJ (Id OR identifier OR identification))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S901	5	key NEAR8 comprises NEAR8 (algorithm ADJ (Id OR identifier OR identification))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S902	349	key WITH comprises WITH (association OR (algorithm ADJ (Id OR identifier OR identification)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S903	127	key NEAR8 comprises NEAR8 (association OR (algorithm ADJ (Id OR identifier OR identification)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S904	5	S903 SAME (hash OR digest)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S905	18	((hash OR digest) NEAR3 (Result OR value)) NEAR5 (security ADJ association)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S906	495	key WITH (consist OR comprise) WITH (association OR (algorithm ADJ (Id OR identifier OR identification)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S907	210	key NEAR8 (consist OR comprise) NEAR8 (association OR (algorithm ADJ (Id OR identifier OR identification)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S908	10	key NEAR8 (consist OR comprise) NEAR8 ((algorithm ADJ (Id OR identifier OR identification)))	US-PGPUB; USPAT; USOCR; FPRS; EPO;	OR	ON	2014/01/29 12:29

			JPO; DERWENT; IBM_TDB			
S909	281	key NEAR4 vector NEAR4 algorithm	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S910	109	key NEAR2 vector NEAR2 algorithm	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S911	0	key NEAR2 vector NEAR2 (algorithm ADJ (Id OR identifier OR identification))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S912	26	key NEAR8 vector NEAR8 (algorithm ADJ (Id OR identifier OR identification))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S913	2	(hash OR digest) NEAR8 (crypto ADJ sync)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S914	40	((hash OR digest) NEAR4 (Result OR value)) NEAR8 ((crypto ADJ sync) OR (encryp$6 NEAR3 parameter))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S915	0	placid.in. AND hash	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S916	0	placid.as. AND ((digest OR hash) SAME algorithm)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S917	0	placid.as. AND ((digest OR hash) AND algorithm)	US-PGPUB; USPAT;	OR	ON	2014/01/29 12:29

			USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB			
S918	0	placid.as. AND (digest OR hash)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S919	57	fielder.in. AND (digest OR hash)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S920	30	fielder.in. AND ((digest OR hash) AND algorithm)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S921	30	(fielder.in. OR alito.in.) AND ((digest OR hash) AND algorithm)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S922	34687	713/168,169,171,181,189.ccls. OR 370/338.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S923	44977	713/168,169,171,181,189.ccls. OR 370/338.ccls. OR 709/204.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29
S924	2	("7233997").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2014/01/29 12:29
S925	8	(file$3name OR (file ADJ name)) AND "7233997"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/01/29 12:29

S926	2	("7284243").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2014/01/29 12:29
S927	4	("0725812").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2014/01/29 12:29
S928	11	("1949270").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2014/01/29 12:29
S929	3	("20070100913").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2014/01/29 12:29
S997	47844	713/168,171,169,181,156,189.ccls. OR 370/338.ccls. OR 709/204.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/02/07 14:24
S998	30	((hash OR digest) SAME (formula OR principle OR algorithm) SAME first SAME second SAME encrypt$5 SAME secret).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/02/07 14:24
S999	186	((hash OR digest) SAME (formula OR principle OR algorithm) SAME first SAME second SAME encrypt$5 SAME secret)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/02/07 14:25
S1000	55	S997 AND S999	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/02/07 14:25
S1001	42	S1000 NOT S998	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO;	OR	ON	2014/02/07 14:25

			DERWENT; IBM_TDB			
S1006	66145	713/168,171,169,181,156,189.ccls. OR 370/338.ccls. OR 709/204.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 11:08
S1007	66145	713/168,171,169,181,156,189.ccls. OR 370/338.ccls. OR 709/204.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 12:25
S1008	129	((decoy OR false OR pseudo OR psuedo OR distraction OR fake OR trick) NEAR3 file) SAME name SAME content	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 12:32
S1009	28	S1008 AND ((H04L2463/101 OR H04L2209/60 OR G06F21/6218,602,60,62,6209 OR G06F2221/2123).CPC.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 12:38
S1010	134	((decoy OR ghost OR false OR pseudo OR psuedo OR distraction OR fake OR trick) NEAR3 file) SAME name SAME content	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 12:54
S1011	5	S1010 NOT S1008	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 12:54
S1012	9	((decoy OR ghost OR false OR pseudo OR psuedo OR distraction OR fake OR trick) NEAR3 file) SAME name SAME content SAME (digest OR hash)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 13:02
S1013	113398	713/168,171,169,181,156,189.ccls. OR 370/338.ccls. OR 709/204.ccls. OR ((H04L2463/101 OR H04L2209/60 OR G06F21/6218,602,60,62,6209 OR G06F2221/2123).CPC.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 13:02
S1014	37744	713/168,171.ccls. OR 370/338.ccls.	US-PGPUB; USPAT; USOCR;	OR	ON	2015/05/29 14:07

			FPRS; EPO; JPO; DERWENT; IBM_TDB			
S1015	57	((hash OR digest) SAME first SAME second SAME encrypt$5 SAME secret SAME change)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1016	7	S1014 AND S1015	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1017	727	(hash OR digest) SAME (file ADJ name) SAME key	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1018	727	(hash OR digest OR (($7random ADJ function) OR $7random$3function)) SAME (file ADJ name) SAME key	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1019	288	(hash OR digest OR (($7random ADJ function) OR $7random$3function)) SAME ((file ADJ name) NEAR8 key)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1020	206	(hash OR digest OR (($7random ADJ function) OR $7random$3function)) WITH ((file ADJ name) NEAR8 key)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1021	1	("2011/0307705").URPN.	USPAT	OR	ON	2015/05/29 14:07
S1022	614	ibm.as.	USPAT	OR	ON	2015/05/29 14:07
S1023	0	matyas.in. AND S1022	USPAT	OR	ON	2015/05/29 14:07
S1024	211	matyas.in.	USPAT	OR	ON	2015/05/29 14:07
S1025	56	matyas.in. AND (hash OR digest)	USPAT	OR	ON	2015/05/29 14:07
S1026	0	matyas.in. AND (hash OR digest) SAME (key WITH (file NEAR3 name))	USPAT	OR	ON	2015/05/29 14:07

S1027	2	matyas.in. AND (hash OR digest) AND (key WITH (file NEAR3 name))	USPAT	OR	ON	2015/05/29 14:07
S1028	2	matyas.in. AND (hash OR digest OR owf OR (message NEAR3 code) OR trap$3door) AND (key WITH (file NEAR3 name))	USPAT	OR	ON	2015/05/29 14:07
S1029	850	(hash OR digest OR owf OR (message NEAR3 code) OR trap$3door) AND (key WITH (file NEAR3 name))	USPAT	OR	ON	2015/05/29 14:07
S1030	854	(hash OR digest OR (($7random ADJ function) OR $7random$3function) OR owf OR (message NEAR3 code) OR trap$3door) AND (key WITH (file NEAR3 name))	USPAT	OR	ON	2015/05/29 14:07
S1031	241	(hash OR digest OR (($7random ADJ function) OR $7random$3function) OR owf OR (message NEAR3 code) OR trap$3door) SAME (key WITH (file NEAR3 name))	USPAT	OR	ON	2015/05/29 14:07
S1032	160	S1031 NOT S1020	USPAT	OR	ON	2015/05/29 14:07
S1033	0	(placid.in. OR pacid.in.) AND fielder.in.	USPAT	OR	ON	2015/05/29 14:07
S1034	0	pacid.in. AND fielder.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1035	45	pacid.as. AND fielder.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1036	45	pacid.as.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1037	13	pacid.as. AND (file ADJ name)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1038	2	("20110307705").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/05/29 14:07
S1039	13	pacid.as. AND (file NEAR3 name)	US-PGPUB;	OR	ON	2015/05/29

			USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB			14:07
S1040	1762	pacid.as. OR fielder.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1041	244	(hash OR digest OR (($7random ADJ function) OR $7random$3function) OR owf OR (message NEAR3 code) OR trap$3door OR transformation) SAME (key WITH (file NEAR3 name))	USPAT	OR	ON	2015/05/29 14:07
S1042	589	(hash OR digest OR (($7random ADJ function) OR $7random$3function) OR owf OR (message NEAR3 code) OR trap$3door OR transformation) SAME (key WITH (file NEAR3 name))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1043	7	S1040 AND S1042	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1044	3	("20050076061").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/05/29 14:07
S1045	2	("5995624").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/05/29 14:07
S1046	137	(fielder.in. OR alito.in.) AND generator	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1047	42	(fielder.in. OR alito.in.) AND generator AND digest	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07

S1048	4	(US-20040177058-$).did. or (US-6049612-$ or US-5995624-$ or US-5963646-$).did.	US-PGPUB; USPAT	OR	ON	2015/05/29 14:07
S1049	1	S1048 and password	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1050	37744	713/168,171.ccls. OR 370/338.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1051	57	((hash OR digest) SAME first SAME second SAME encrypt$5 SAME secret SAME change)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1052	7	S1050 AND S1051	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1053	727	(hash OR digest) SAME (file ADJ name) SAME key	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1054	727	(hash OR digest OR (($7random ADJ function) OR $7random$3function)) SAME (file ADJ name) SAME key	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1055	288	(hash OR digest OR (($7random ADJ function) OR $7random$3function)) SAME ((file ADJ name) NEAR8 key)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1056	206	(hash OR digest OR (($7random ADJ function) OR $7random$3function)) WITH ((file ADJ name) NEAR8 key)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1057	1	("2011/0307705").URPN.	USPAT	OR	ON	2015/05/29 14:07

S1058	614	ibm.as.	USPAT	OR	ON	2015/05/29 14:07
S1059	0	matyas.in. AND S1058	USPAT	OR	ON	2015/05/29 14:07
S1060	211	matyas.in.	USPAT	OR	ON	2015/05/29 14:07
S1061	56	matyas.in. AND (hash OR digest)	USPAT	OR	ON	2015/05/29 14:07
S1062	0	matyas.in. AND (hash OR digest) SAME (key WITH (file NEAR3 name))	USPAT	OR	ON	2015/05/29 14:07
S1063	2	matyas.in. AND (hash OR digest) AND (key WITH (file NEAR3 name))	USPAT	OR	ON	2015/05/29 14:07
S1064	2	matyas.in. AND (hash OR digest OR owf OR (message NEAR3 code) OR trap$3door) AND (key WITH (file NEAR3 name))	USPAT	OR	ON	2015/05/29 14:07
S1065	850	(hash OR digest OR owf OR (message NEAR3 code) OR trap$3door) AND (key WITH (file NEAR3 name))	USPAT	OR	ON	2015/05/29 14:07
S1066	854	(hash OR digest OR (($7random ADJ function) OR $7random$3function) OR owf OR (message NEAR3 code) OR trap$3door) AND (key WITH (file NEAR3 name))	USPAT	OR	ON	2015/05/29 14:07
S1067	241	(hash OR digest OR (($7random ADJ function) OR $7random$3function) OR owf OR (message NEAR3 code) OR trap$3door) SAME (key WITH (file NEAR3 name))	USPAT	OR	ON	2015/05/29 14:07
S1068	160	S1067 NOT S1056	USPAT	OR	ON	2015/05/29 14:07
S1069	0	(placid.in. OR pacid.in.) AND fielder.in.	USPAT	OR	ON	2015/05/29 14:07
S1070	0	pacid.in. AND fielder.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1071	45	pacid.as. AND fielder.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1072	45	pacid.as.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1073	13	pacid.as. AND (file ADJ name)	US-PGPUB; USPAT;	OR	ON	2015/05/29 14:07

			USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB			
S1074	2	("20110307705").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/05/29 14:07
S1075	13	pacid.as. AND (file NEAR3 name)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1076	1762	pacid.as. OR fielder.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1077	244	(hash OR digest OR (($7random ADJ function) OR $7random$3function) OR owf OR (message NEAR3 code) OR trap$3door OR transformation) SAME (key WITH (file NEAR3 name))	USPAT	OR	ON	2015/05/29 14:07
S1078	589	(hash OR digest OR (($7random ADJ function) OR $7random$3function) OR owf OR (message NEAR3 code) OR trap$3door OR transformation) SAME (key WITH (file NEAR3 name))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1079	7	S1076 AND S1078	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1080	3	("20050076061").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/05/29 14:07
S1081	2	("5995624").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/05/29 14:07
S1082	137	(fielder.in. OR alito.in.) AND	US-PGPUB;	OR	ON	2015/05/29

		generator	USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB			14:07
S1083	42	(fielder.in. OR alito.in.) AND generator AND digest	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1084	4	(US-20040177058-$).did. or (US-6049612-$ or US-5995624-$ or US-5963646-$).did.	US-PGPUB; USPAT	OR	ON	2015/05/29 14:07
S1085	1	S1084 and password	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1086	3	("9847258").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/05/29 14:07
S1087	389	hash WITH (combin$4 OR concatenat$4) WITH (previous OR prior)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1088	466	(digest OR hash) WITH (combin$4 OR concatenat$4) WITH (previous OR prior)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1089	256	(digest OR hash) WITH ((combin$4 OR concatenat$4) NEAR3(previous OR prior))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1090	165	(digest OR hash) NEAR3 ((combin$4 OR concatenat$4) NEAR3(previous OR prior))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1091	107	(digest OR hash) NEAR3 cascad$4	US-PGPUB; USPAT; USOCR;	OR	ON	2015/05/29 14:07

			FPRS; EPO; JPO; DERWENT; IBM_TDB			
S1092	68	(digest OR hash) NEAR2 cascad$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1093	4	("8413253").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/05/29 14:07
S1094	1	(13/274753).APP.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/05/29 14:07
S1095	2	("20110162077").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/05/29 14:07
S1096	2	("20120324113").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/05/29 14:07
S1097	13	screen$3saver WITH (cookie OR restrict$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1098	37744	713/168,171.ccls. OR 370/338.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1099	57	((hash OR digest) SAME first SAME second SAME encrypt$5 SAME secret SAME change)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1100	7	S1098 AND S1099	US-PGPUB;	OR	ON	2015/05/29

			USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB			14:07
S1101	727	(hash OR digest) SAME (file ADJ name) SAME key	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1102	727	(hash OR digest OR (($7random ADJ function) OR $7random$3function)) SAME (file ADJ name) SAME key	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1103	288	(hash OR digest OR (($7random ADJ function) OR $7random$3function)) SAME ((file ADJ name) NEAR8 key)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1104	206	(hash OR digest OR (($7random ADJ function) OR $7random$3function)) WITH ((file ADJ name) NEAR8 key)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1105	1	("2011/0307705").URPN.	USPAT	OR	ON	2015/05/29 14:07
S1106	614	ibm.as.	USPAT	OR	ON	2015/05/29 14:07
S1107	0	matyas.in. AND S1106	USPAT	OR	ON	2015/05/29 14:07
S1108	211	matyas.in.	USPAT	OR	ON	2015/05/29 14:07
S1109	56	matyas.in. AND (hash OR digest)	USPAT	OR	ON	2015/05/29 14:07
S1110	0	matyas.in. AND (hash OR digest) SAME (key WITH (file NEAR3 name))	USPAT	OR	ON	2015/05/29 14:07
S1111	2	matyas.in. AND (hash OR digest) AND (key WITH (file NEAR3 name))	USPAT	OR	ON	2015/05/29 14:07
S1112	2	matyas.in. AND (hash OR digest OR owf OR (message NEAR3 code) OR trap$3door) AND (key WITH (file NEAR3 name))	USPAT	OR	ON	2015/05/29 14:07
S1113	850	(hash OR digest OR owf OR (message NEAR3 code) OR trap$3door) AND (key WITH (file NEAR3 name))	USPAT	OR	ON	2015/05/29 14:07
S1114	854	(hash OR digest OR (($7random ADJ function) OR $7random$3function)	USPAT	OR	ON	2015/05/29 14:07

		OR owf OR (message NEAR3 code) OR trap$3door) AND (key WITH (file NEAR3 name))				
S1115	241	(hash OR digest OR (($7random ADJ function) OR $7random$3function) OR owf OR (message NEAR3 code) OR trap$3door) SAME (key WITH (file NEAR3 name))	USPAT	OR	ON	2015/05/29 14:07
S1116	160	S1115 NOT S1104	USPAT	OR	ON	2015/05/29 14:07
S1117	0	(placid.in. OR pacid.in.) AND fielder.in.	USPAT	OR	ON	2015/05/29 14:07
S1118	0	pacid.in. AND fielder.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1119	45	pacid.as. AND fielder.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1120	45	pacid.as.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1121	13	pacid.as. AND (file ADJ name)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1122	2	("20110307705").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/05/29 14:07
S1123	13	pacid.as. AND (file NEAR3 name)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1124	1762	pacid.as. OR fielder.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT;	OR	ON	2015/05/29 14:07

			IBM_TDB			
S1125	244	(hash OR digest OR (($7random ADJ function) OR $7random$3function) OR owf OR (message NEAR3 code) OR trap$3door OR transformation) SAME (key WITH (file NEAR3 name))	USPAT	OR	ON	2015/05/29 14:07
S1126	589	(hash OR digest OR (($7random ADJ function) OR $7random$3function) OR owf OR (message NEAR3 code) OR trap$3door OR transformation) SAME (key WITH (file NEAR3 name))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1127	7	S1124 AND S1126	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1128	3	("20050076061").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/05/29 14:07
S1129	2	("5995624").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/05/29 14:07
S1130	137	(fielder.in. OR alito.in.) AND generator	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1131	42	(fielder.in. OR alito.in.) AND generator AND digest	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1132	4	(US-20040177058-$).did. or (US-6049612-$ or US-5995624-$ or US-5963646-$).did.	US-PGPUB; USPAT	OR	ON	2015/05/29 14:07
S1133	1	S1132 and password	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1134	37744	713/168,171.ccls. OR 370/338.ccls.	US-PGPUB;	OR	ON	2015/05/29

			USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB			14:07
S1135	57	((hash OR digest) SAME first SAME second SAME encrypt$5 SAME secret SAME change)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1136	7	S1134 AND S1135	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1137	727	(hash OR digest) SAME (file ADJ name) SAME key	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1138	727	(hash OR digest OR (($7random ADJ function) OR $7random$3function)) SAME (file ADJ name) SAME key	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1139	288	(hash OR digest OR (($7random ADJ function) OR $7random$3function)) SAME ((file ADJ name) NEAR8 key)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1140	206	(hash OR digest OR (($7random ADJ function) OR $7random$3function)) WITH ((file ADJ name) NEAR8 key)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1141	1	("2011/0307705").URPN.	USPAT	OR	ON	2015/05/29 14:07
S1142	614	ibm.as.	USPAT	OR	ON	2015/05/29 14:07
S1143	0	matyas.in. AND S1142	USPAT	OR	ON	2015/05/29 14:07
S1144	211	matyas.in.	USPAT	OR	ON	2015/05/29 14:07
S1145	56	matyas.in. AND (hash OR digest)	USPAT	OR	ON	2015/05/29 14:07
S1146	0	matyas.in. AND (hash OR digest) SAME (key WITH (file NEAR3	USPAT	OR	ON	2015/05/29 14:07

		name))				
S1147	2	matyas.in. AND (hash OR digest) AND (key WITH (file NEAR3 name))	USPAT	OR	ON	2015/05/29 14:07
S1148	2	matyas.in. AND (hash OR digest OR owf OR (message NEAR3 code) OR trap$3door) AND (key WITH (file NEAR3 name))	USPAT	OR	ON	2015/05/29 14:07
S1149	850	(hash OR digest OR owf OR (message NEAR3 code) OR trap$3door) AND (key WITH (file NEAR3 name))	USPAT	OR	ON	2015/05/29 14:07
S1150	854	(hash OR digest OR (($7random ADJ function) OR $7random$3function) OR owf OR (message NEAR3 code) OR trap$3door) AND (key WITH (file NEAR3 name))	USPAT	OR	ON	2015/05/29 14:07
S1151	241	(hash OR digest OR (($7random ADJ function) OR $7random$3function) OR owf OR (message NEAR3 code) OR trap$3door) SAME (key WITH (file NEAR3 name))	USPAT	OR	ON	2015/05/29 14:07
S1152	160	S1151 NOT S1140	USPAT	OR	ON	2015/05/29 14:07
S1153	0	(placid.in. OR pacid.in.) AND fielder.in.	USPAT	OR	ON	2015/05/29 14:07
S1154	0	pacid.in. AND fielder.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1155	45	pacid.as. AND fielder.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1156	45	pacid.as.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1157	13	pacid.as. AND (file ADJ name)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1158	2	("20110307705").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/05/29 14:07

S1159	13	pacid.as. AND (file NEAR3 name)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1160	1762	pacid.as. OR fielder.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1161	244	(hash OR digest OR (($7random ADJ function) OR $7random$3function) OR owf OR (message NEAR3 code) OR trap$3door OR transformation) SAME (key WITH (file NEAR3 name))	USPAT	OR	ON	2015/05/29 14:07
S1162	589	(hash OR digest OR (($7random ADJ function) OR $7random$3function) OR owf OR (message NEAR3 code) OR trap$3door OR transformation) SAME (key WITH (file NEAR3 name))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1163	7	S1160 AND S1162	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1164	3	("20050076061").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/05/29 14:07
S1165	2	("5995624").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/05/29 14:07
S1166	137	(fielder.in. OR alito.in.) AND generator	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1167	42	(fielder.in. OR alito.in.) AND generator AND digest	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT;	OR	ON	2015/05/29 14:07

			IBM_TDB			
S1168	4	(US-20040177058-$).did. or (US-6049612-$ or US-5995624-$ or US-5963646-$).did.	US-PGPUB; USPAT	OR	ON	2015/05/29 14:07
S1169	1	S1168 and password	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1170	3	("9847258").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/05/29 14:07
S1171	389	hash WITH (combin$4 OR concatenat$4) WITH (previous OR prior)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1172	466	(digest OR hash) WITH (combin$4 OR concatenat$4) WITH (previous OR prior)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1173	256	(digest OR hash) WITH ((combin$4 OR concatenat$4) NEAR3(previous OR prior))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1174	165	(digest OR hash) NEAR3 ((combin$4 OR concatenat$4) NEAR3(previous OR prior))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1175	107	(digest OR hash) NEAR3 cascad$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1176	68	(digest OR hash) NEAR2 cascad$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07

S1177	4	("8413253").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/05/29 14:07
S1178	1	(13/274753).APP.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/05/29 14:07
S1179	2	("20110162077").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/05/29 14:07
S1180	2	("20120324113").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/05/29 14:07
S1181	13	screen$3saver WITH (cookie OR restrict$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1182	18689	algorithm SAME key SAME (digest OR hash OR checksum)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1183	4011	algorithm NEAR5 key NEAR5 (digest OR hash OR checksum)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1184	207310	("713"/.clas. OR "726"/.clas. OR "380"/.clas.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1185	2254	S1183 AND S1184	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO;	OR	ON	2015/05/29 14:07

			DERWENT; IBM_TDB			
S1186	906	S1185 AND @RLAD<="20090325"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1187	1853	algorithm NEAR3 key NEAR3 (digest OR hash OR checksum)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1188	1065	S1187 AND S1184	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1189	375	S1188 AND @RLAD<="20090325"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1190	181	algorithm NEAR3 key NEAR3 ((digest OR hash OR checksum) NEAR2 (result OR value))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1191	116	S1190 AND S1184	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1192	29	S1190 AND @RLAD<="20090325"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1193	93	S1191 NOT S1192	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1194	716	key NEAR3 (algorithm ADJ (Id OR identifier OR identification))	US-PGPUB; USPAT; USOCR;	OR	ON	2015/05/29 14:07

			FPRS; EPO; JPO; DERWENT; IBM_TDB			
S1195	400	S1194 AND S1184	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1196	315	S1194 AND @RLAD<="20090325"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1197	177	S1196 AND S1184	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1198	173	S1197 NOT S1190	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1199	0	key ADJ comprises ADJ (algorithm ADJ (Id OR identifier OR identification))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1200	0	key NEAR2 comprises ADJ (algorithm ADJ (Id OR identifier OR identification))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1201	0	key NEAR2 comprises NEAR2(algorithm ADJ (Id OR identifier OR identification))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1202	1	key NEAR4 comprises NEAR4 (algorithm ADJ (Id OR identifier OR identification))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1203	4	key NEAR6 comprises NEAR6	US-PGPUB;	OR	ON	2015/05/29

		(algorithm ADJ (Id OR identifier OR identification))	USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB			14:07
S1204	6	key NEAR8 comprises NEAR8 (algorithm ADJ (Id OR identifier OR identification))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1205	476	key WITH comprises WITH (association OR (algorithm ADJ (Id OR identifier OR identification)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1206	178	key NEAR8 comprises NEAR8 (association OR (algorithm ADJ (Id OR identifier OR identification)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1207	7	S1206 SAME (hash OR digest)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1208	18	((hash OR digest) NEAR3 (Result OR value)) NEAR5 (security ADJ association)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1209	634	key WITH (consist OR comprise) WITH (association OR (algorithm ADJ (Id OR identifier OR identification)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1210	271	key NEAR8 (consist OR comprise) NEAR8 (association OR (algorithm ADJ (Id OR identifier OR identification)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1211	11	key NEAR8 (consist OR comprise) NEAR8 ((algorithm ADJ (Id OR identifier OR identification)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT;	OR	ON	2015/05/29 14:07

			IBM_TDB			
S1212	338	key NEAR4 vector NEAR4 algorithm	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1213	116	key NEAR2 vector NEAR2 algorithm	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1214	0	key NEAR2 vector NEAR2 (algorithm ADJ (Id OR identifier OR identification))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1215	31	key NEAR8 vector NEAR8 (algorithm ADJ (Id OR identifier OR identification))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1216	3	(hash OR digest) NEAR8 (crypto ADJ sync)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1217	44	((hash OR digest) NEAR4 (Result OR value)) NEAR8 ((crypto ADJ sync) OR (encryp$6 NEAR3 parameter))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1218	0	placid.in. AND hash	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1219	0	placid.as. AND ((digest OR hash) SAME algorithm)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1220	0	placid.as. AND ((digest OR hash) AND algorithm)	US-PGPUB; USPAT; USOCR; FPRS; EPO;	OR	ON	2015/05/29 14:07

			JPO; DERWENT; IBM_TDB			
S1221	0	placid.as. AND (digest OR hash)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1222	69	fielder.in. AND (digest OR hash)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1223	42	fielder.in. AND ((digest OR hash) AND algorithm)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1224	42	(fielder.in. OR alito.in.) AND ((digest OR hash) AND algorithm)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1225	38874	713/168,171,181.ccls. OR 370/338.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1226	37744	713/168,171.ccls. OR 370/338.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1227	57	((hash OR digest) SAME first SAME second SAME encrypt$5 SAME secret SAME change)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1228	7	S1226 AND S1227	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1229	727	(hash OR digest) SAME (file ADJ name) SAME key	US-PGPUB; USPAT;	OR	ON	2015/05/29 14:07

			USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB			
S1230	727	(hash OR digest OR (($7random ADJ function) OR $7random$3function)) SAME (file ADJ name) SAME key	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1231	288	(hash OR digest OR (($7random ADJ function) OR $7random$3function)) SAME ((file ADJ name) NEAR8 key)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1232	206	(hash OR digest OR (($7random ADJ function) OR $7random$3function)) WITH ((file ADJ name) NEAR8 key)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1233	1	("2011/0307705").URPN.	USPAT	OR	ON	2015/05/29 14:07
S1234	614	ibm.as.	USPAT	OR	ON	2015/05/29 14:07
S1235	0	matyas.in. AND S1234	USPAT	OR	ON	2015/05/29 14:07
S1236	211	matyas.in.	USPAT	OR	ON	2015/05/29 14:07
S1237	56	matyas.in. AND (hash OR digest)	USPAT	OR	ON	2015/05/29 14:07
S1238	0	matyas.in. AND (hash OR digest) SAME (key WITH (file NEAR3 name))	USPAT	OR	ON	2015/05/29 14:07
S1239	2	matyas.in. AND (hash OR digest) AND (key WITH (file NEAR3 name))	USPAT	OR	ON	2015/05/29 14:07
S1240	2	matyas.in. AND (hash OR digest OR owf OR (message NEAR3 code) OR trap$3door) AND (key WITH (file NEAR3 name))	USPAT	OR	ON	2015/05/29 14:07
S1241	850	(hash OR digest OR owf OR (message NEAR3 code) OR trap$3door) AND (key WITH (file NEAR3 name))	USPAT	OR	ON	2015/05/29 14:07
S1242	854	(hash OR digest OR (($7random ADJ function) OR $7random$3function) OR owf OR (message NEAR3 code) OR trap$3door) AND (key WITH (file NEAR3 name))	USPAT	OR	ON	2015/05/29 14:07
S1243	241	(hash OR digest OR (($7random ADJ function) OR $7random$3function) OR owf OR (message NEAR3 code) OR trap$3door) SAME (key WITH (file NEAR3 name))	USPAT	OR	ON	2015/05/29 14:07

S1244	160	S1243 NOT S1232	USPAT	OR	ON	2015/05/29 14:07
S1245	0	(placid.in. OR pacid.in.) AND fielder.in.	USPAT	OR	ON	2015/05/29 14:07
S1246	0	pacid.in. AND fielder.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1247	45	pacid.as. AND fielder.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1248	45	pacid.as.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1249	13	pacid.as. AND (file ADJ name)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1250	2	("20110307705").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/05/29 14:07
S1251	13	pacid.as. AND (file NEAR3 name)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1252	1762	pacid.as. OR fielder.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1253	244	(hash OR digest OR (($7random ADJ function) OR $7random$3function) OR owf OR (message NEAR3 code) OR trap$3door OR transformation) SAME (key WITH (file NEAR3 name))	USPAT	OR	ON	2015/05/29 14:07
S1254	589	(hash OR digest OR (($7random ADJ	US-PGPUB;	OR	ON	2015/05/29

		function) OR $7random$3function) OR owf OR (message NEAR3 code) OR trap$3door OR transformation) SAME (key WITH (file NEAR3 name))	USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB			14:07
S1255	7	S1252 AND S1254	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1256	3	("20050076061").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/05/29 14:07
S1257	2	("5995624").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/05/29 14:07
S1258	137	(fielder.in. OR alito.in.) AND generator	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1259	42	(fielder.in. OR alito.in.) AND generator AND digest	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1260	4	(US-20040177058-$).did. or (US-6049612-$ or US-5995624-$ or US-5963646-$).did.	US-PGPUB; USPAT	OR	ON	2015/05/29 14:07
S1261	1	S1260 and password	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1262	37744	713/168,171.ccls. OR 370/338.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1263	57	((hash OR digest) SAME first SAME second SAME encrypt$5 SAME secret SAME change)	US-PGPUB; USPAT; USOCR;	OR	ON	2015/05/29 14:07

			FPRS; EPO; JPO; DERWENT; IBM_TDB			
S1264	7	S1262 AND S1263	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1265	727	(hash OR digest) SAME (file ADJ name) SAME key	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1266	727	(hash OR digest OR (($7random ADJ function) OR $7random$3function)) SAME (file ADJ name) SAME key	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1267	288	(hash OR digest OR (($7random ADJ function) OR $7random$3function)) SAME ((file ADJ name) NEAR8 key)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1268	206	(hash OR digest OR (($7random ADJ function) OR $7random$3function)) WITH ((file ADJ name) NEAR8 key)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1269	1	("2011/0307705").URPN.	USPAT	OR	ON	2015/05/29 14:07
S1270	614	ibm.as.	USPAT	OR	ON	2015/05/29 14:07
S1271	0	matyas.in. AND S1270	USPAT	OR	ON	2015/05/29 14:07
S1272	211	matyas.in.	USPAT	OR	ON	2015/05/29 14:07
S1273	56	matyas.in. AND (hash OR digest)	USPAT	OR	ON	2015/05/29 14:07
S1274	0	matyas.in. AND (hash OR digest) SAME (key WITH (file NEAR3 name))	USPAT	OR	ON	2015/05/29 14:07
S1275	2	matyas.in. AND (hash OR digest) AND (key WITH (file NEAR3 name))	USPAT	OR	ON	2015/05/29 14:07
S1276	2	matyas.in. AND (hash OR digest OR owf OR (message NEAR3 code) OR trap$3door) AND (key WITH (file NEAR3 name))	USPAT	OR	ON	2015/05/29 14:07
S1277	850	(hash OR digest OR owf OR	USPAT	OR	ON	2015/05/29

		(message NEAR3 code) OR trap$3door) AND (key WITH (file NEAR3 name))				14:07
S1278	854	(hash OR digest OR (($7random ADJ function) OR $7random$3function) OR owf OR (message NEAR3 code) OR trap$3door) AND (key WITH (file NEAR3 name))	USPAT	OR	ON	2015/05/29 14:07
S1279	241	(hash OR digest OR (($7random ADJ function) OR $7random$3function) OR owf OR (message NEAR3 code) OR trap$3door) SAME (key WITH (file NEAR3 name))	USPAT	OR	ON	2015/05/29 14:07
S1280	160	S1279 NOT S1268	USPAT	OR	ON	2015/05/29 14:07
S1281	0	(placid.in. OR pacid.in.) AND fielder.in.	USPAT	OR	ON	2015/05/29 14:07
S1282	0	pacid.in. AND fielder.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1283	45	pacid.as. AND fielder.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1284	45	pacid.as.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1285	13	pacid.as. AND (file ADJ name)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1286	2	("20110307705").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/05/29 14:07
S1287	13	pacid.as. AND (file NEAR3 name)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1288	1762	pacid.as. OR fielder.in.	US-PGPUB;	OR	ON	2015/05/29

			USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB			14:07
S1289	244	(hash OR digest OR (($7random ADJ function) OR $7random$3function) OR owf OR (message NEAR3 code) OR trap$3door OR transformation) SAME (key WITH (file NEAR3 name))	USPAT	OR	ON	2015/05/29 14:07
S1290	589	(hash OR digest OR (($7random ADJ function) OR $7random$3function) OR owf OR (message NEAR3 code) OR trap$3door OR transformation) SAME (key WITH (file NEAR3 name))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1291	7	S1288 AND S1290	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1292	3	("20050076061").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/05/29 14:07
S1293	2	("5995624").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/05/29 14:07
S1294	137	(fielder.in. OR alito.in.) AND generator	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1295	42	(fielder.in. OR alito.in.) AND generator AND digest	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1296	4	(US-20040177058-$).did. or (US-6049612-$ or US-5995624-$ or US-5963646-$).did.	US-PGPUB; USPAT	OR	ON	2015/05/29 14:07
S1297	1	S1296 and password	US-PGPUB; USPAT; USOCR; FPRS; EPO;	OR	ON	2015/05/29 14:07

			JPO; DERWENT; IBM_TDB			
S1298	3	("9847258").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/05/29 14:07
S1299	389	hash WITH (combin$4 OR concatenat$4) WITH (previous OR prior)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1300	466	(digest OR hash) WITH (combin$4 OR concatenat$4) WITH (previous OR prior)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1301	256	(digest OR hash) WITH ((combin$4 OR concatenat$4) NEAR3(previous OR prior))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1302	165	(digest OR hash) NEAR3 ((combin$4 OR concatenat$4) NEAR3(previous OR prior))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1303	107	(digest OR hash) NEAR3 cascad$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1304	68	(digest OR hash) NEAR2 cascad$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1305	4	("8413253").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/05/29 14:07
S1306	1	(13/274753).APP.	US-PGPUB; USPAT;	OR	OFF	2015/05/29 14:07

			USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB			
S1307	2	("20110162077").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/05/29 14:07
S1308	2	("20120324113").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/05/29 14:07
S1309	13	screen$3saver WITH (cookie OR restrict$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1310	37744	713/168,171.ccls. OR 370/338.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1311	57	((hash OR digest) SAME first SAME second SAME encrypt$5 SAME secret SAME change)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1312	7	S1310 AND S1311	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1313	727	(hash OR digest) SAME (file ADJ name) SAME key	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1314	727	(hash OR digest OR (($7random ADJ function) OR $7random$3function)) SAME (file ADJ name) SAME key	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07

S1315	288	(hash OR digest OR (($7random ADJ function) OR $7random$3function)) SAME ((file ADJ name) NEAR8 key)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1316	206	(hash OR digest OR (($7random ADJ function) OR $7random$3function)) WITH ((file ADJ name) NEAR8 key)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1317	1	("2011/0307705").URPN.	USPAT	OR	ON	2015/05/29 14:07
S1318	614	ibm.as.	USPAT	OR	ON	2015/05/29 14:07
S1319	0	matyas.in. AND S1318	USPAT	OR	ON	2015/05/29 14:07
S1320	211	matyas.in.	USPAT	OR	ON	2015/05/29 14:07
S1321	56	matyas.in. AND (hash OR digest)	USPAT	OR	ON	2015/05/29 14:07
S1322	0	matyas.in. AND (hash OR digest) SAME (key WITH (file NEAR3 name))	USPAT	OR	ON	2015/05/29 14:07
S1323	2	matyas.in. AND (hash OR digest) AND (key WITH (file NEAR3 name))	USPAT	OR	ON	2015/05/29 14:07
S1324	2	matyas.in. AND (hash OR digest OR owf OR (message NEAR3 code) OR trap$3door) AND (key WITH (file NEAR3 name))	USPAT	OR	ON	2015/05/29 14:07
S1325	850	(hash OR digest OR owf OR (message NEAR3 code) OR trap$3door) AND (key WITH (file NEAR3 name))	USPAT	OR	ON	2015/05/29 14:07
S1326	854	(hash OR digest OR (($7random ADJ function) OR $7random$3function) OR owf OR (message NEAR3 code) OR trap$3door) AND (key WITH (file NEAR3 name))	USPAT	OR	ON	2015/05/29 14:07
S1327	241	(hash OR digest OR (($7random ADJ function) OR $7random$3function) OR owf OR (message NEAR3 code) OR trap$3door) SAME (key WITH (file NEAR3 name))	USPAT	OR	ON	2015/05/29 14:07
S1328	160	S1327 NOT S1316	USPAT	OR	ON	2015/05/29 14:07
S1329	0	(placid.in. OR pacid.in.) AND fielder.in.	USPAT	OR	ON	2015/05/29 14:07
S1330	0	pacid.in. AND fielder.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07

S1331	45	pacid.as. AND fielder.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1332	45	pacid.as.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1333	13	pacid.as. AND (file ADJ name)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1334	2	("20110307705").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/05/29 14:07
S1335	13	pacid.as. AND (file NEAR3 name)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1336	1762	pacid.as. OR fielder.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1337	244	(hash OR digest OR (($7random ADJ function) OR $7random$3function) OR owf OR (message NEAR3 code) OR trap$3door OR transformation) SAME (key WITH (file NEAR3 name))	USPAT	OR	ON	2015/05/29 14:07
S1338	589	(hash OR digest OR (($7random ADJ function) OR $7random$3function) OR owf OR (message NEAR3 code) OR trap$3door OR transformation) SAME (key WITH (file NEAR3 name))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1339	7	S1336 AND S1338	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT;	OR	ON	2015/05/29 14:07

			IBM_TDB			
S1340	3	("20050076061").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/05/29 14:07
S1341	2	("5995624").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/05/29 14:07
S1342	137	(fielder.in. OR alito.in.) AND generator	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1343	42	(fielder.in. OR alito.in.) AND generator AND digest	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1344	4	(US-20040177058-$).did. or (US-6049612-$ or US-5995624-$ or US-5963646-$).did.	US-PGPUB; USPAT	OR	ON	2015/05/29 14:07
S1345	1	S1344 and password	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1346	37744	713/168,171.ccls. OR 370/338.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1347	57	((hash OR digest) SAME first SAME second SAME encrypt$5 SAME secret SAME change)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1348	7	S1346 AND S1347	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07

S1349	727	(hash OR digest) SAME (file ADJ name) SAME key	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1350	727	(hash OR digest OR (($7random ADJ function) OR $7random$3function)) SAME (file ADJ name) SAME key	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1351	288	(hash OR digest OR (($7random ADJ function) OR $7random$3function)) SAME ((file ADJ name) NEAR8 key)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1352	206	(hash OR digest OR (($7random ADJ function) OR $7random$3function)) WITH ((file ADJ name) NEAR8 key)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1353	1	("2011/0307705").URPN.	USPAT	OR	ON	2015/05/29 14:07
S1354	614	ibm.as.	USPAT	OR	ON	2015/05/29 14:07
S1355	0	matyas.in. AND S1354	USPAT	OR	ON	2015/05/29 14:07
S1356	211	matyas.in.	USPAT	OR	ON	2015/05/29 14:07
S1357	56	matyas.in. AND (hash OR digest)	USPAT	OR	ON	2015/05/29 14:07
S1358	0	matyas.in. AND (hash OR digest) SAME (key WITH (file NEAR3 name))	USPAT	OR	ON	2015/05/29 14:07
S1359	2	matyas.in. AND (hash OR digest) AND (key WITH (file NEAR3 name))	USPAT	OR	ON	2015/05/29 14:07
S1360	2	matyas.in. AND (hash OR digest OR owf OR (message NEAR3 code) OR trap$3door) AND (key WITH (file NEAR3 name))	USPAT	OR	ON	2015/05/29 14:07
S1361	850	(hash OR digest OR owf OR (message NEAR3 code) OR trap$3door) AND (key WITH (file NEAR3 name))	USPAT	OR	ON	2015/05/29 14:07
S1362	854	(hash OR digest OR (($7random ADJ function) OR $7random$3function) OR owf OR (message NEAR3 code) OR trap$3door) AND (key WITH (file NEAR3 name))	USPAT	OR	ON	2015/05/29 14:07
S1363	241	(hash OR digest OR (($7random ADJ function) OR $7random$3function) OR owf OR (message NEAR3 code)	USPAT	OR	ON	2015/05/29 14:07

		OR trap$3door) SAME (key WITH (file NEAR3 name))				
S1364	160	S1363 NOT S1352	USPAT	OR	ON	2015/05/29 14:07
S1365	0	(placid.in. OR pacid.in.) AND fielder.in.	USPAT	OR	ON	2015/05/29 14:07
S1366	0	pacid.in. AND fielder.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1367	45	pacid.as. AND fielder.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1368	45	pacid.as.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1369	13	pacid.as. AND (file ADJ name)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1370	2	("20110307705").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/05/29 14:07
S1371	13	pacid.as. AND (file NEAR3 name)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1372	1762	pacid.as. OR fielder.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1373	244	(hash OR digest OR (($7random ADJ function) OR $7random$3function) OR owf OR (message NEAR3 code) OR trap$3door OR transformation) SAME (key WITH (file NEAR3	USPAT	OR	ON	2015/05/29 14:07

		name))				
S1374	589	(hash OR digest OR (($7random ADJ function) OR $7random$3function) OR owf OR (message NEAR3 code) OR trap$3door OR transformation) SAME (key WITH (file NEAR3 name))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1375	7	S1372 AND S1374	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1376	3	("20050076061").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/05/29 14:07
S1377	2	("5995624").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/05/29 14:07
S1378	137	(fielder.in. OR alito.in.) AND generator	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1379	42	(fielder.in. OR alito.in.) AND generator AND digest	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1380	4	(US-20040177058-$).did. or (US-6049612-$ or US-5995624-$ or US-5963646-$).did.	US-PGPUB; USPAT	OR	ON	2015/05/29 14:07
S1381	1	S1380 and password	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1382	3	("9847258").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/05/29 14:07

S1383	389	hash WITH (combin$4 OR concatenat$4) WITH (previous OR prior)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1384	466	(digest OR hash) WITH (combin$4 OR concatenat$4) WITH (previous OR prior)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1385	256	(digest OR hash) WITH ((combin$4 OR concatenat$4) NEAR3(previous OR prior))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1386	165	(digest OR hash) NEAR3 ((combin$4 OR concatenat$4) NEAR3(previous OR prior))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1387	107	(digest OR hash) NEAR3 cascad$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1388	68	(digest OR hash) NEAR2 cascad$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1389	4	("8413253").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/05/29 14:07
S1390	1	(13/274753).APP.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/05/29 14:07
S1391	2	("20110162077").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO;	OR	OFF	2015/05/29 14:07

			DERWENT; IBM_TDB			
S1392	2	("20120324113").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/05/29 14:07
S1393	13	screen$3saver WITH (cookie OR restrict$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1394	18689	algorithm SAME key SAME (digest OR hash OR checksum)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1395	4011	algorithm NEAR5 key NEAR5 (digest OR hash OR checksum)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1396	207310	("713"/.clas. OR "726"/.clas. OR "380"/.clas.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1397	2254	S1395 AND S1396	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1398	906	S1397 AND @RLAD<="20090325"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1399	1853	algorithm NEAR3 key NEAR3 (digest OR hash OR checksum)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1400	1065	S1399 AND S1396	US-PGPUB; USPAT; USOCR;	OR	ON	2015/05/29 14:07

			FPRS; EPO; JPO; DERWENT; IBM_TDB			
S1401	375	S1400 AND @RLAD<="20090325"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1402	181	algorithm NEAR3 key NEAR3 ((digest OR hash OR checksum) NEAR2 (result OR value))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1403	116	S1402 AND S1396	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1404	29	S1402 AND @RLAD<="20090325"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1405	93	S1403 NOT S1404	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1406	716	key NEAR3 (algorithm ADJ (Id OR identifier OR identification))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1407	400	S1406 AND S1396	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1408	315	S1406 AND @RLAD<="20090325"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1409	177	S1408 AND S1396	US-PGPUB;	OR	ON	2015/05/29

			USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB			14:07
S1410	173	S1409 NOT S1402	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1411	0	key ADJ comprises ADJ (algorithm ADJ (Id OR identifier OR identification))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1412	0	key NEAR2 comprises ADJ (algorithm ADJ (Id OR identifier OR identification))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1413	0	key NEAR2 comprises NEAR2(algorithm ADJ (Id OR identifier OR identification))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1414	1	key NEAR4 comprises NEAR4 (algorithm ADJ (Id OR identifier OR identification))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1415	4	key NEAR6 comprises NEAR6 (algorithm ADJ (Id OR identifier OR identification))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1416	6	key NEAR8 comprises NEAR8 (algorithm ADJ (Id OR identifier OR identification))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1417	476	key WITH comprises WITH (association OR (algorithm ADJ (Id OR identifier OR identification)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT;	OR	ON	2015/05/29 14:07

			IBM_TDB			
S1418	178	key NEAR8 comprises NEAR8 (association OR (algorithm ADJ (Id OR identifier OR identification)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1419	7	S1418 SAME (hash OR digest)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1420	18	((hash OR digest) NEAR3 (Result OR value)) NEAR5 (security ADJ association)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1421	634	key WITH (consist OR comprise) WITH (association OR (algorithm ADJ (Id OR identifier OR identification)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1422	271	key NEAR8 (consist OR comprise) NEAR8 (association OR (algorithm ADJ (Id OR identifier OR identification)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1423	11	key NEAR8 (consist OR comprise) NEAR8 ((algorithm ADJ (Id OR identifier OR identification)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1424	338	key NEAR4 vector NEAR4 algorithm	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1425	116	key NEAR2 vector NEAR2 algorithm	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1426	0	key NEAR2 vector NEAR2 (algorithm ADJ (Id OR identifier OR identification))	US-PGPUB; USPAT; USOCR; FPRS; EPO;	OR	ON	2015/05/29 14:07

			JPO; DERWENT; IBM_TDB			
S1427	31	key NEAR8 vector NEAR8 (algorithm ADJ (Id OR identifier OR identification))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1428	3	(hash OR digest) NEAR8 (crypto ADJ sync)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1429	44	((hash OR digest) NEAR4 (Result OR value)) NEAR8 ((crypto ADJ sync) OR (encryp$6 NEAR3 parameter))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1430	0	placid.in. AND hash	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1431	0	placid.as. AND ((digest OR hash) SAME algorithm)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1432	0	placid.as. AND ((digest OR hash) AND algorithm)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1433	0	placid.as. AND (digest OR hash)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1434	69	fielder.in. AND (digest OR hash)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1435	42	fielder.in. AND ((digest OR hash) AND algorithm)	US-PGPUB; USPAT;	OR	ON	2015/05/29 14:07

			USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB			
S1436	42	(fielder.in. OR alito.in.) AND ((digest OR hash) AND algorithm)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1437	46992	713/168,169,171,181,189.ccls. OR 370/338.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1438	62786	713/168,169,171,181,189.ccls. OR 370/338.ccls. OR 709/204.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1439	2	("7233997").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/05/29 14:07
S1440	10	(file$3name OR (file ADJ name)) AND "7233997"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1441	2	("7284243").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/05/29 14:07
S1442	4	("0725812").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/05/29 14:07
S1443	11	("1949270").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/05/29 14:07

S1444	3	("20070100913").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/05/29 14:07
S1445	46992	713/168,169,171,181,189.ccls. OR 370/338.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1446	2306	((hash OR digest OR checksum) SAME algorithm SAME (scrambl$5 OR encipher$5 OR encypher$5 OR encrypt$5) SAME key SAME communicat$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1447	311	S1445 AND S1446	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1448	42	fielder.in. AND ((digest OR hash OR checksum) AND algorithm)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1449	37744	713/168,171.ccls. OR 370/338.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1450	57	((hash OR digest) SAME first SAME second SAME encrypt$5 SAME secret SAME change)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1451	7	S1449 AND S1450	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1452	727	(hash OR digest) SAME (file ADJ name) SAME key	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO;	OR	ON	2015/05/29 14:07

			DERWENT; IBM_TDB			
S1453	727	(hash OR digest OR (($7random ADJ function) OR $7random$3function)) SAME (file ADJ name) SAME key	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1454	288	(hash OR digest OR (($7random ADJ function) OR $7random$3function)) SAME ((file ADJ name) NEAR8 key)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1455	206	(hash OR digest OR (($7random ADJ function) OR $7random$3function)) WITH ((file ADJ name) NEAR8 key)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1456	1	("2011/0307705").URPN.	USPAT	OR	ON	2015/05/29 14:07
S1457	614	ibm.as.	USPAT	OR	ON	2015/05/29 14:07
S1458	0	matyas.in. AND S1457	USPAT	OR	ON	2015/05/29 14:07
S1459	211	matyas.in.	USPAT	OR	ON	2015/05/29 14:07
S1460	56	matyas.in. AND (hash OR digest)	USPAT	OR	ON	2015/05/29 14:07
S1461	0	matyas.in. AND (hash OR digest) SAME (key WITH (file NEAR3 name))	USPAT	OR	ON	2015/05/29 14:07
S1462	2	matyas.in. AND (hash OR digest) AND (key WITH (file NEAR3 name))	USPAT	OR	ON	2015/05/29 14:07
S1463	2	matyas.in. AND (hash OR digest OR owf OR (message NEAR3 code) OR trap$3door) AND (key WITH (file NEAR3 name))	USPAT	OR	ON	2015/05/29 14:07
S1464	850	(hash OR digest OR owf OR (message NEAR3 code) OR trap$3door) AND (key WITH (file NEAR3 name))	USPAT	OR	ON	2015/05/29 14:07
S1465	854	(hash OR digest OR (($7random ADJ function) OR $7random$3function) OR owf OR (message NEAR3 code) OR trap$3door) AND (key WITH (file NEAR3 name))	USPAT	OR	ON	2015/05/29 14:07
S1466	241	(hash OR digest OR (($7random ADJ function) OR $7random$3function) OR owf OR (message NEAR3 code) OR trap$3door) SAME (key WITH (file NEAR3 name))	USPAT	OR	ON	2015/05/29 14:07
S1467	160	S1466 NOT S1455	USPAT	OR	ON	2015/05/29 14:07

S1468	0	(placid.in. OR pacid.in.) AND fielder.in.	USPAT	OR	ON	2015/05/29 14:07
S1469	0	pacid.in. AND fielder.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1470	45	pacid.as. AND fielder.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1471	45	pacid.as.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1472	13	pacid.as. AND (file ADJ name)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1473	2	("20110307705").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/05/29 14:07
S1474	13	pacid.as. AND (file NEAR3 name)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1475	1762	pacid.as. OR fielder.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1476	244	(hash OR digest OR (($7random ADJ function) OR $7random$3function) OR owf OR (message NEAR3 code) OR trap$3door OR transformation) SAME (key WITH (file NEAR3 name))	USPAT	OR	ON	2015/05/29 14:07
S1477	589	(hash OR digest OR (($7random ADJ function) OR $7random$3function) OR owf OR (message NEAR3 code) OR trap$3door OR transformation)	US-PGPUB; USPAT; USOCR; FPRS; EPO;	OR	ON	2015/05/29 14:07

		SAME (key WITH (file NEAR3 name))	JPO; DERWENT; IBM_TDB			
S1478	7	S1475 AND S1477	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1479	3	("20050076061").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/05/29 14:07
S1480	2	("5995624").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/05/29 14:07
S1481	137	(fielder.in. OR alito.in.) AND generator	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1482	42	(fielder.in. OR alito.in.) AND generator AND digest	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1483	4	(US-20040177058-$).did. or (US-6049612-$ or US-5995624-$ or US-5963646-$).did.	US-PGPUB; USPAT	OR	ON	2015/05/29 14:07
S1484	1	S1483 and password	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1485	37744	713/168,171.ccls. OR 370/338.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1486	57	((hash OR digest) SAME first SAME second SAME encrypt$5 SAME secret SAME change)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT;	OR	ON	2015/05/29 14:07

			IBM_TDB			
S1487	7	S1485 AND S1486	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1488	727	(hash OR digest) SAME (file ADJ name) SAME key	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:07
S1489	727	(hash OR digest OR (($7random ADJ function) OR $7random$3function)) SAME (file ADJ name) SAME key	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1490	288	(hash OR digest OR (($7random ADJ function) OR $7random$3function)) SAME ((file ADJ name) NEAR8 key)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1491	206	(hash OR digest OR (($7random ADJ function) OR $7random$3function)) WITH ((file ADJ name) NEAR8 key)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1492	1	("2011/0307705").URPN.	USPAT	OR	ON	2015/05/29 14:08
S1493	614	ibm.as.	USPAT	OR	ON	2015/05/29 14:08
S1494	0	matyas.in. AND S1493	USPAT	OR	ON	2015/05/29 14:08
S1495	211	matyas.in.	USPAT	OR	ON	2015/05/29 14:08
S1496	56	matyas.in. AND (hash OR digest)	USPAT	OR	ON	2015/05/29 14:08
S1497	0	matyas.in. AND (hash OR digest) SAME (key WITH (file NEAR3 name))	USPAT	OR	ON	2015/05/29 14:08
S1498	2	matyas.in. AND (hash OR digest) AND (key WITH (file NEAR3 name))	USPAT	OR	ON	2015/05/29 14:08
S1499	2	matyas.in. AND (hash OR digest OR owf OR (message NEAR3 code) OR trap$3door) AND (key WITH (file NEAR3 name))	USPAT	OR	ON	2015/05/29 14:08
S1500	850	(hash OR digest OR owf OR (message NEAR3 code) OR trap$3door) AND (key WITH (file NEAR3 name))	USPAT	OR	ON	2015/05/29 14:08

S1501	854	(hash OR digest OR (($7random ADJ function) OR $7random$3function) OR owf OR (message NEAR3 code) OR trap$3door) AND (key WITH (file NEAR3 name))	USPAT	OR	ON	2015/05/29 14:08
S1502	241	(hash OR digest OR (($7random ADJ function) OR $7random$3function) OR owf OR (message NEAR3 code) OR trap$3door) SAME (key WITH (file NEAR3 name))	USPAT	OR	ON	2015/05/29 14:08
S1503	160	S1502 NOT S1491	USPAT	OR	ON	2015/05/29 14:08
S1504	0	(placid.in. OR pacid.in.) AND fielder.in.	USPAT	OR	ON	2015/05/29 14:08
S1505	0	pacid.in. AND fielder.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1506	45	pacid.as. AND fielder.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1507	45	pacid.as.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1508	13	pacid.as. AND (file ADJ name)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1509	2	("20110307705").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/05/29 14:08
S1510	13	pacid.as. AND (file NEAR3 name)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1511	1762	pacid.as. OR fielder.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO;	OR	ON	2015/05/29 14:08

			JPO; DERWENT; IBM_TDB			
S1512	244	(hash OR digest OR (($7random ADJ function) OR $7random$3function) OR owf OR (message NEAR3 code) OR trap$3door OR transformation) SAME (key WITH (file NEAR3 name))	USPAT	OR	ON	2015/05/29 14:08
S1513	589	(hash OR digest OR (($7random ADJ function) OR $7random$3function) OR owf OR (message NEAR3 code) OR trap$3door OR transformation) SAME (key WITH (file NEAR3 name))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1514	7	S1511 AND S1513	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1515	3	("20050076061").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/05/29 14:08
S1516	2	("5995624").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/05/29 14:08
S1517	137	(fielder.in. OR alito.in.) AND generator	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1518	42	(fielder.in. OR alito.in.) AND generator AND digest	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1519	4	(US-20040177058-$).did. or (US-6049612-$ or US-5995624-$ or US-5963646-$).did.	US-PGPUB; USPAT	OR	ON	2015/05/29 14:08
S1520	1	S1519 and password	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08

S1521	3	("9847258").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/05/29 14:08
S1522	389	hash WITH (combin$4 OR concatenat$4) WITH (previous OR prior)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1523	466	(digest OR hash) WITH (combin$4 OR concatenat$4) WITH (previous OR prior)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1524	256	(digest OR hash) WITH ((combin$4 OR concatenat$4) NEAR3(previous OR prior))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1525	165	(digest OR hash) NEAR3 ((combin$4 OR concatenat$4) NEAR3(previous OR prior))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1526	107	(digest OR hash) NEAR3 cascad$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1527	68	(digest OR hash) NEAR2 cascad$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1528	4	("8413253").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/05/29 14:08
S1529	1	(13/274753).APP.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO;	OR	OFF	2015/05/29 14:08

			DERWENT; IBM_TDB			
S1530	2	("20110162077").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/05/29 14:08
S1531	2	("20120324113").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/05/29 14:08
S1532	13	screen$3saver WITH (cookie OR restrict$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1533	37744	713/168,171.ccls. OR 370/338.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1534	57	((hash OR digest) SAME first SAME second SAME encrypt$5 SAME secret SAME change)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1535	7	S1533 AND S1534	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1536	727	(hash OR digest) SAME (file ADJ name) SAME key	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1537	727	(hash OR digest OR (($7random ADJ function) OR $7random$3function)) SAME (file ADJ name) SAME key	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1538	288	(hash OR digest OR (($7random ADJ function) OR $7random$3function)) SAME ((file ADJ name) NEAR8 key)	US-PGPUB; USPAT; USOCR;	OR	ON	2015/05/29 14:08

			FPRS; EPO; JPO; DERWENT; IBM_TDB			
S1539	206	(hash OR digest OR (($7random ADJ function) OR $7random$3function)) WITH ((file ADJ name) NEAR8 key)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1540	1	("2011/0307705").URPN.	USPAT	OR	ON	2015/05/29 14:08
S1541	614	ibm.as.	USPAT	OR	ON	2015/05/29 14:08
S1542	0	matyas.in. AND S1541	USPAT	OR	ON	2015/05/29 14:08
S1543	211	matyas.in.	USPAT	OR	ON	2015/05/29 14:08
S1544	56	matyas.in. AND (hash OR digest)	USPAT	OR	ON	2015/05/29 14:08
S1545	0	matyas.in. AND (hash OR digest) SAME (key WITH (file NEAR3 name))	USPAT	OR	ON	2015/05/29 14:08
S1546	2	matyas.in. AND (hash OR digest) AND (key WITH (file NEAR3 name))	USPAT	OR	ON	2015/05/29 14:08
S1547	2	matyas.in. AND (hash OR digest OR owf OR (message NEAR3 code) OR trap$3door) AND (key WITH (file NEAR3 name))	USPAT	OR	ON	2015/05/29 14:08
S1548	850	(hash OR digest OR owf OR (message NEAR3 code) OR trap$3door) AND (key WITH (file NEAR3 name))	USPAT	OR	ON	2015/05/29 14:08
S1549	854	(hash OR digest OR (($7random ADJ function) OR $7random$3function) OR owf OR (message NEAR3 code) OR trap$3door) AND (key WITH (file NEAR3 name))	USPAT	OR	ON	2015/05/29 14:08
S1550	241	(hash OR digest OR (($7random ADJ function) OR $7random$3function) OR owf OR (message NEAR3 code) OR trap$3door) SAME (key WITH (file NEAR3 name))	USPAT	OR	ON	2015/05/29 14:08
S1551	160	S1550 NOT S1539	USPAT	OR	ON	2015/05/29 14:08
S1552	0	(placid.in. OR pacid.in.) AND fielder.in.	USPAT	OR	ON	2015/05/29 14:08
S1553	0	pacid.in. AND fielder.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1554	45	pacid.as. AND fielder.in.	US-PGPUB; USPAT; USOCR;	OR	ON	2015/05/29 14:08

			FPRS; EPO; JPO; DERWENT; IBM_TDB			
S1555	45	pacid.as.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1556	13	pacid.as. AND (file ADJ name)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1557	2	("20110307705").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/05/29 14:08
S1558	13	pacid.as. AND (file NEAR3 name)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1559	1762	pacid.as. OR fielder.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1560	244	(hash OR digest OR (($7random ADJ function) OR $7random$3function) OR owf OR (message NEAR3 code) OR trap$3door OR transformation) SAME (key WITH (file NEAR3 name))	USPAT	OR	ON	2015/05/29 14:08
S1561	589	(hash OR digest OR (($7random ADJ function) OR $7random$3function) OR owf OR (message NEAR3 code) OR trap$3door OR transformation) SAME (key WITH (file NEAR3 name))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1562	7	S1559 AND S1561	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1563	3	("20050076061").PN.	US-PGPUB; USPAT;	OR	OFF	2015/05/29 14:08

			USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB			
S1564	2	("5995624").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/05/29 14:08
S1565	137	(fielder.in. OR alito.in.) AND generator	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1566	42	(fielder.in. OR alito.in.) AND generator AND digest	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1567	4	(US-20040177058-$).did. or (US-6049612-$ or US-5995624-$ or US-5963646-$).did.	US-PGPUB; USPAT	OR	ON	2015/05/29 14:08
S1568	1	S1567 and password	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1569	37744	713/168,171.ccls. OR 370/338.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1570	57	((hash OR digest) SAME first SAME second SAME encrypt$5 SAME secret SAME change)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1571	7	S1569 AND S1570	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1572	727	(hash OR digest) SAME (file ADJ name) SAME key	US-PGPUB; USPAT; USOCR; FPRS; EPO;	OR	ON	2015/05/29 14:08

			JPO; DERWENT; IBM_TDB			
S1573	727	(hash OR digest OR (($7random ADJ function) OR $7random$3function)) SAME (file ADJ name) SAME key	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1574	288	(hash OR digest OR (($7random ADJ function) OR $7random$3function)) SAME ((file ADJ name) NEAR8 key)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1575	206	(hash OR digest OR (($7random ADJ function) OR $7random$3function)) WITH ((file ADJ name) NEAR8 key)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1576	1	("2011/0307705").URPN.	USPAT	OR	ON	2015/05/29 14:08
S1577	614	ibm.as.	USPAT	OR	ON	2015/05/29 14:08
S1578	0	matyas.in. AND S1577	USPAT	OR	ON	2015/05/29 14:08
S1579	211	matyas.in.	USPAT	OR	ON	2015/05/29 14:08
S1580	56	matyas.in. AND (hash OR digest)	USPAT	OR	ON	2015/05/29 14:08
S1581	0	matyas.in. AND (hash OR digest) SAME (key WITH (file NEAR3 name))	USPAT	OR	ON	2015/05/29 14:08
S1582	2	matyas.in. AND (hash OR digest) AND (key WITH (file NEAR3 name))	USPAT	OR	ON	2015/05/29 14:08
S1583	2	matyas.in. AND (hash OR digest OR owf OR (message NEAR3 code) OR trap$3door) AND (key WITH (file NEAR3 name))	USPAT	OR	ON	2015/05/29 14:08
S1584	850	(hash OR digest OR owf OR (message NEAR3 code) OR trap$3door) AND (key WITH (file NEAR3 name))	USPAT	OR	ON	2015/05/29 14:08
S1585	854	(hash OR digest OR (($7random ADJ function) OR $7random$3function) OR owf OR (message NEAR3 code) OR trap$3door) AND (key WITH (file NEAR3 name))	USPAT	OR	ON	2015/05/29 14:08
S1586	241	(hash OR digest OR (($7random ADJ function) OR $7random$3function) OR owf OR (message NEAR3 code) OR trap$3door) SAME (key WITH (file NEAR3 name))	USPAT	OR	ON	2015/05/29 14:08
S1587	160	S1586 NOT S1575	USPAT	OR	ON	2015/05/29

						14:08
S1588	0	(placid.in. OR pacid.in.) AND fielder.in.	USPAT	OR	ON	2015/05/29 14:08
S1589	0	pacid.in. AND fielder.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1590	45	pacid.as. AND fielder.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1591	45	pacid.as.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1592	13	pacid.as. AND (file ADJ name)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1593	2	("20110307705").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/05/29 14:08
S1594	13	pacid.as. AND (file NEAR3 name)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1595	1762	pacid.as. OR fielder.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1596	244	(hash OR digest OR (($7random ADJ function) OR $7random$3function) OR owf OR (message NEAR3 code) OR trap$3door OR transformation) SAME (key WITH (file NEAR3 name))	USPAT	OR	ON	2015/05/29 14:08
S1597	589	(hash OR digest OR (($7random ADJ function) OR $7random$3function)	US-PGPUB; USPAT;	OR	ON	2015/05/29 14:08

		OR owf OR (message NEAR3 code) OR trap$3door OR transformation) SAME (key WITH (file NEAR3 name))	USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB			
S1598	7	S1595 AND S1597	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1599	3	("20050076061").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/05/29 14:08
S1600	2	("5995624").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/05/29 14:08
S1601	137	(fielder.in. OR alito.in.) AND generator	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1602	42	(fielder.in. OR alito.in.) AND generator AND digest	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1603	4	(US-20040177058-$).did. or (US-6049612-$ or US-5995624-$ or US-5963646-$).did.	US-PGPUB; USPAT	OR	ON	2015/05/29 14:08
S1604	1	S1603 and password	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1605	3	("9847258").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/05/29 14:08
S1606	389	hash WITH (combin$4 OR concatenat$4) WITH (previous OR prior)	US-PGPUB; USPAT; USOCR; FPRS; EPO;	OR	ON	2015/05/29 14:08

			JPO; DERWENT; IBM_TDB			
S1607	466	(digest OR hash) WITH (combin$4 OR concatenat$4) WITH (previous OR prior)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1608	256	(digest OR hash) WITH ((combin$4 OR concatenat$4) NEAR3(previous OR prior))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1609	165	(digest OR hash) NEAR3 ((combin$4 OR concatenat$4) NEAR3(previous OR prior))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1610	107	(digest OR hash) NEAR3 cascad$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1611	68	(digest OR hash) NEAR2 cascad$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1612	4	("8413253").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/05/29 14:08
S1613	1	(13/274753).APP.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/05/29 14:08
S1614	2	("20110162077").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/05/29 14:08
S1615	2	("20120324113").PN.	US-PGPUB; USPAT;	OR	OFF	2015/05/29 14:08

			USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB			
S1616	13	screen$3saver WITH (cookie OR restrict$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1617	18689	algorithm SAME key SAME (digest OR hash OR checksum)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1618	4011	algorithm NEAR5 key NEAR5 (digest OR hash OR checksum)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1619	207310	("713"/.clas. OR "726"/.clas. OR "380"/.clas.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1620	2254	S1618 AND S1619	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1621	906	S1620 AND @RLAD<="20090325"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1622	1853	algorithm NEAR3 key NEAR3 (digest OR hash OR checksum)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1623	1065	S1622 AND S1619	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08

S1624	375	S1623 AND @RLAD<="20090325"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1625	181	algorithm NEAR3 key NEAR3 ((digest OR hash OR checksum) NEAR2 (result OR value))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1626	116	S1625 AND S1619	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1627	29	S1625 AND @RLAD<="20090325"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1628	93	S1626 NOT S1627	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1629	716	key NEAR3 (algorithm ADJ (Id OR identifier OR identification))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1630	400	S1629 AND S1619	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1631	315	S1629 AND @RLAD<="20090325"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1632	177	S1631 AND S1619	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO;	OR	ON	2015/05/29 14:08

			DERWENT; IBM_TDB			
S1633	173	S1632 NOT S1625	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1634	0	key ADJ comprises ADJ (algorithm ADJ (Id OR identifier OR identification))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1635	0	key NEAR2 comprises ADJ (algorithm ADJ (Id OR identifier OR identification))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1636	0	key NEAR2 comprises NEAR2(algorithm ADJ (Id OR identifier OR identification))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1637	1	key NEAR4 comprises NEAR4 (algorithm ADJ (Id OR identifier OR identification))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1638	4	key NEAR6 comprises NEAR6 (algorithm ADJ (Id OR identifier OR identification))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1639	6	key NEAR8 comprises NEAR8 (algorithm ADJ (Id OR identifier OR identification))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1640	476	key WITH comprises WITH (association OR (algorithm ADJ (Id OR identifier OR identification)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1641	178	key NEAR8 comprises NEAR8 (association OR (algorithm ADJ (Id OR identifier OR identification)))	US-PGPUB; USPAT; USOCR;	OR	ON	2015/05/29 14:08

			FPRS; EPO; JPO; DERWENT; IBM_TDB			
S1642	7	S1641 SAME (hash OR digest)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1643	18	((hash OR digest) NEAR3 (Result OR value)) NEAR5 (security ADJ association)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1644	634	key WITH (consist OR comprise) WITH (association OR (algorithm ADJ (Id OR identifier OR identification)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1645	271	key NEAR8 (consist OR comprise) NEAR8 (association OR (algorithm ADJ (Id OR identifier OR identification)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1646	11	key NEAR8 (consist OR comprise) NEAR8 ((algorithm ADJ (Id OR identifier OR identification)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1647	338	key NEAR4 vector NEAR4 algorithm	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1648	116	key NEAR2 vector NEAR2 algorithm	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1649	0	key NEAR2 vector NEAR2 (algorithm ADJ (Id OR identifier OR identification))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1650	31	key NEAR8 vector NEAR8 (algorithm	US-PGPUB;	OR	ON	2015/05/29

		ADJ (Id OR identifier OR identification))	USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB			14:08
S1651	3	(hash OR digest) NEAR8 (crypto ADJ sync)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1652	44	((hash OR digest) NEAR4 (Result OR value)) NEAR8 ((crypto ADJ sync) OR (encryp$6 NEAR3 parameter))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1653	0	placid.in. AND hash	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1654	0	placid.as. AND ((digest OR hash) SAME algorithm)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1655	0	placid.as. AND ((digest OR hash) AND algorithm)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1656	0	placid.as. AND (digest OR hash)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1657	69	fielder.in. AND (digest OR hash)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1658	42	fielder.in. AND ((digest OR hash) AND algorithm)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT;	OR	ON	2015/05/29 14:08

			IBM_TDB			
S1659	42	(fielder.in. OR alito.in.) AND ((digest OR hash) AND algorithm)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1660	38874	713/168,171,181.ccls. OR 370/338.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1661	37744	713/168,171.ccls. OR 370/338.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1662	57	((hash OR digest) SAME first SAME second SAME encrypt$5 SAME secret SAME change)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1663	7	S1661 AND S1662	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1664	727	(hash OR digest) SAME (file ADJ name) SAME key	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1665	727	(hash OR digest OR (($7random ADJ function) OR $7random$3function)) SAME (file ADJ name) SAME key	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1666	288	(hash OR digest OR (($7random ADJ function) OR $7random$3function)) SAME ((file ADJ name) NEAR8 key)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1667	206	(hash OR digest OR (($7random ADJ function) OR $7random$3function)) WITH ((file ADJ name) NEAR8 key)	US-PGPUB; USPAT; USOCR; FPRS; EPO;	OR	ON	2015/05/29 14:08

			JPO; DERWENT; IBM_TDB			
S1668	1	("2011/0307705").URPN.	USPAT	OR	ON	2015/05/29 14:08
S1669	614	ibm.as.	USPAT	OR	ON	2015/05/29 14:08
S1670	0	matyas.in. AND S1669	USPAT	OR	ON	2015/05/29 14:08
S1671	211	matyas.in.	USPAT	OR	ON	2015/05/29 14:08
S1672	56	matyas.in. AND (hash OR digest)	USPAT	OR	ON	2015/05/29 14:08
S1673	0	matyas.in. AND (hash OR digest) SAME (key WITH (file NEAR3 name))	USPAT	OR	ON	2015/05/29 14:08
S1674	2	matyas.in. AND (hash OR digest) AND (key WITH (file NEAR3 name))	USPAT	OR	ON	2015/05/29 14:08
S1675	2	matyas.in. AND (hash OR digest OR owf OR (message NEAR3 code) OR trap$3door) AND (key WITH (file NEAR3 name))	USPAT	OR	ON	2015/05/29 14:08
S1676	850	(hash OR digest OR owf OR (message NEAR3 code) OR trap$3door) AND (key WITH (file NEAR3 name))	USPAT	OR	ON	2015/05/29 14:08
S1677	854	(hash OR digest OR (($7random ADJ function) OR $7random$3function) OR owf OR (message NEAR3 code) OR trap$3door) AND (key WITH (file NEAR3 name))	USPAT	OR	ON	2015/05/29 14:08
S1678	241	(hash OR digest OR (($7random ADJ function) OR $7random$3function) OR owf OR (message NEAR3 code) OR trap$3door) SAME (key WITH (file NEAR3 name))	USPAT	OR	ON	2015/05/29 14:08
S1679	160	S1678 NOT S1667	USPAT	OR	ON	2015/05/29 14:08
S1680	0	(placid.in. OR pacid.in.) AND fielder.in.	USPAT	OR	ON	2015/05/29 14:08
S1681	0	pacid.in. AND fielder.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1682	45	pacid.as. AND fielder.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1683	45	pacid.as.	US-PGPUB; USPAT; USOCR; FPRS; EPO;	OR	ON	2015/05/29 14:08

			JPO; DERWENT; IBM_TDB			
S1684	13	pacid.as. AND (file ADJ name)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1685	2	("20110307705").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/05/29 14:08
S1686	13	pacid.as. AND (file NEAR3 name)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1687	1762	pacid.as. OR fielder.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1688	244	(hash OR digest OR (($7random ADJ function) OR $7random$3function) OR owf OR (message NEAR3 code) OR trap$3door OR transformation) SAME (key WITH (file NEAR3 name))	USPAT	OR	ON	2015/05/29 14:08
S1689	589	(hash OR digest OR (($7random ADJ function) OR $7random$3function) OR owf OR (message NEAR3 code) OR trap$3door OR transformation) SAME (key WITH (file NEAR3 name))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1690	7	S1687 AND S1689	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1691	3	("20050076061").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/05/29 14:08
S1692	2	("5995624").PN.	US-PGPUB; USPAT; USOCR;	OR	OFF	2015/05/29 14:08

			FPRS; EPO; JPO; DERWENT; IBM_TDB			
S1693	137	(fielder.in. OR alito.in.) AND generator	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1694	42	(fielder.in. OR alito.in.) AND generator AND digest	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1695	4	(US-20040177058-$).did. or (US-6049612-$ or US-5995624-$ or US-5963646-$).did.	US-PGPUB; USPAT	OR	ON	2015/05/29 14:08
S1696	1	S1695 and password	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1697	37744	713/168,171.ccls. OR 370/338.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1698	57	((hash OR digest) SAME first SAME second SAME encrypt$5 SAME secret SAME change)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1699	7	S1697 AND S1698	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1700	727	(hash OR digest) SAME (file ADJ name) SAME key	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1701	727	(hash OR digest OR (($7random ADJ function) OR $7random$3function)) SAME (file ADJ name) SAME key	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO;	OR	ON	2015/05/29 14:08

			DERWENT; IBM_TDB			
S1702	288	(hash OR digest OR (($7random ADJ function) OR $7random$3function)) SAME ((file ADJ name) NEAR8 key)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1703	206	(hash OR digest OR (($7random ADJ function) OR $7random$3function)) WITH ((file ADJ name) NEAR8 key)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1704	1	("2011/0307705").URPN.	USPAT	OR	ON	2015/05/29 14:08
S1705	614	ibm.as.	USPAT	OR	ON	2015/05/29 14:08
S1706	0	matyas.in. AND S1705	USPAT	OR	ON	2015/05/29 14:08
S1707	211	matyas.in.	USPAT	OR	ON	2015/05/29 14:08
S1708	56	matyas.in. AND (hash OR digest)	USPAT	OR	ON	2015/05/29 14:08
S1709	0	matyas.in. AND (hash OR digest) SAME (key WITH (file NEAR3 name))	USPAT	OR	ON	2015/05/29 14:08
S1710	2	matyas.in. AND (hash OR digest) AND (key WITH (file NEAR3 name))	USPAT	OR	ON	2015/05/29 14:08
S1711	2	matyas.in. AND (hash OR digest OR owf OR (message NEAR3 code) OR trap$3door) AND (key WITH (file NEAR3 name))	USPAT	OR	ON	2015/05/29 14:08
S1712	850	(hash OR digest OR owf OR (message NEAR3 code) OR trap$3door) AND (key WITH (file NEAR3 name))	USPAT	OR	ON	2015/05/29 14:08
S1713	854	(hash OR digest OR (($7random ADJ function) OR $7random$3function) OR owf OR (message NEAR3 code) OR trap$3door) AND (key WITH (file NEAR3 name))	USPAT	OR	ON	2015/05/29 14:08
S1714	241	(hash OR digest OR (($7random ADJ function) OR $7random$3function) OR owf OR (message NEAR3 code) OR trap$3door) SAME (key WITH (file NEAR3 name))	USPAT	OR	ON	2015/05/29 14:08
S1715	160	S1714 NOT S1703	USPAT	OR	ON	2015/05/29 14:08
S1716	0	(placid.in. OR pacid.in.) AND fielder.in.	USPAT	OR	ON	2015/05/29 14:08
S1717	0	pacid.in. AND fielder.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO;	OR	ON	2015/05/29 14:08

			DERWENT; IBM_TDB			
S1718	45	pacid.as. AND fielder.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1719	45	pacid.as.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1720	13	pacid.as. AND (file ADJ name)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1721	2	("20110307705").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/05/29 14:08
S1722	13	pacid.as. AND (file NEAR3 name)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1723	1762	pacid.as. OR fielder.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1724	244	(hash OR digest OR (($7random ADJ function) OR $7random$3function) OR owf OR (message NEAR3 code) OR trap$3door OR transformation) SAME (key WITH (file NEAR3 name))	USPAT	OR	ON	2015/05/29 14:08
S1725	589	(hash OR digest OR (($7random ADJ function) OR $7random$3function) OR owf OR (message NEAR3 code) OR trap$3door OR transformation) SAME (key WITH (file NEAR3 name))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1726	7	S1723 AND S1725	US-PGPUB; USPAT; USOCR; FPRS; EPO;	OR	ON	2015/05/29 14:08

			JPO; DERWENT; IBM_TDB			
S1727	3	("20050076061").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/05/29 14:08
S1728	2	("5995624").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/05/29 14:08
S1729	137	(fielder.in. OR alito.in.) AND generator	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1730	42	(fielder.in. OR alito.in.) AND generator AND digest	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1731	4	(US-20040177058-$).did. or (US-6049612-$ or US-5995624-$ or US-5963646-$).did.	US-PGPUB; USPAT	OR	ON	2015/05/29 14:08
S1732	1	S1731 and password	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1733	3	("9847258").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/05/29 14:08
S1734	389	hash WITH (combin$4 OR concatenat$4) WITH (previous OR prior)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1735	466	(digest OR hash) WITH (combin$4 OR concatenat$4) WITH (previous OR prior)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT;	OR	ON	2015/05/29 14:08

			IBM_TDB			
S1736	256	(digest OR hash) WITH ((combin$4 OR concatenat$4) NEAR3(previous OR prior))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1737	165	(digest OR hash) NEAR3 ((combin$4 OR concatenat$4) NEAR3(previous OR prior))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1738	107	(digest OR hash) NEAR3 cascad$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1739	68	(digest OR hash) NEAR2 cascad$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1740	4	("8413253").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/05/29 14:08
S1741	1	(13/274753).APP.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/05/29 14:08
S1742	2	("20110162077").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/05/29 14:08
S1743	2	("20120324113").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/05/29 14:08
S1744	13	screen$3saver WITH (cookie OR restrict$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO;	OR	ON	2015/05/29 14:08

			JPO; DERWENT; IBM_TDB			
S1745	37744	713/168,171.ccls. OR 370/338.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1746	57	((hash OR digest) SAME first SAME second SAME encrypt$5 SAME secret SAME change)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1747	7	S1745 AND S1746	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1748	727	(hash OR digest) SAME (file ADJ name) SAME key	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1749	727	(hash OR digest OR (($7random ADJ function) OR $7random$3function)) SAME (file ADJ name) SAME key	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1750	288	(hash OR digest OR (($7random ADJ function) OR $7random$3function)) SAME ((file ADJ name) NEAR8 key)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1751	206	(hash OR digest OR (($7random ADJ function) OR $7random$3function)) WITH ((file ADJ name) NEAR8 key)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1752	1	("2011/0307705").URPN.	USPAT	OR	ON	2015/05/29 14:08
S1753	614	ibm.as.	USPAT	OR	ON	2015/05/29 14:08
S1754	0	matyas.in. AND S1753	USPAT	OR	ON	2015/05/29 14:08
S1755	211	matyas.in.	USPAT	OR	ON	2015/05/29 14:08

S1756	56	matyas.in. AND (hash OR digest)	USPAT	OR	ON	2015/05/29 14:08
S1757	0	matyas.in. AND (hash OR digest) SAME (key WITH (file NEAR3 name))	USPAT	OR	ON	2015/05/29 14:08
S1758	2	matyas.in. AND (hash OR digest) AND (key WITH (file NEAR3 name))	USPAT	OR	ON	2015/05/29 14:08
S1759	2	matyas.in. AND (hash OR digest OR owf OR (message NEAR3 code) OR trap$3door) AND (key WITH (file NEAR3 name))	USPAT	OR	ON	2015/05/29 14:08
S1760	850	(hash OR digest OR owf OR (message NEAR3 code) OR trap$3door) AND (key WITH (file NEAR3 name))	USPAT	OR	ON	2015/05/29 14:08
S1761	854	(hash OR digest OR (($7random ADJ function) OR $7random$3function) OR owf OR (message NEAR3 code) OR trap$3door) AND (key WITH (file NEAR3 name))	USPAT	OR	ON	2015/05/29 14:08
S1762	241	(hash OR digest OR (($7random ADJ function) OR $7random$3function) OR owf OR (message NEAR3 code) OR trap$3door) SAME (key WITH (file NEAR3 name))	USPAT	OR	ON	2015/05/29 14:08
S1763	160	S1762 NOT S1751	USPAT	OR	ON	2015/05/29 14:08
S1764	0	(placid.in. OR pacid.in.) AND fielder.in.	USPAT	OR	ON	2015/05/29 14:08
S1765	0	pacid.in. AND fielder.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1766	45	pacid.as. AND fielder.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1767	45	pacid.as.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1768	13	pacid.as. AND (file ADJ name)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1769	2	("20110307705").PN.	US-PGPUB; USPAT;	OR	OFF	2015/05/29 14:08

			USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB			
S1770	13	pacid.as. AND (file NEAR3 name)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1771	1762	pacid.as. OR fielder.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1772	244	(hash OR digest OR (($7random ADJ function) OR $7random$3function) OR owf OR (message NEAR3 code) OR trap$3door OR transformation) SAME (key WITH (file NEAR3 name))	USPAT	OR	ON	2015/05/29 14:08
S1773	589	(hash OR digest OR (($7random ADJ function) OR $7random$3function) OR owf OR (message NEAR3 code) OR trap$3door OR transformation) SAME (key WITH (file NEAR3 name))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1774	7	S1771 AND S1773	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1775	3	("20050076061").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/05/29 14:08
S1776	2	("5995624").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/05/29 14:08
S1777	137	(fielder.in. OR alito.in.) AND generator	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1778	42	(fielder.in. OR alito.in.) AND	US-PGPUB;	OR	ON	2015/05/29

		generator AND digest	USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB			14:08
S1779	4	(US-20040177058-$).did. or (US-6049612-$ or US-5995624-$ or US-5963646-$).did.	US-PGPUB; USPAT	OR	ON	2015/05/29 14:08
S1780	1	S1779 and password	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1781	37744	713/168,171.ccls. OR 370/338.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1782	57	((hash OR digest) SAME first SAME second SAME encrypt$5 SAME secret SAME change)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1783	7	S1781 AND S1782	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1784	727	(hash OR digest) SAME (file ADJ name) SAME key	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1785	727	(hash OR digest OR (($7random ADJ function) OR $7random$3function)) SAME (file ADJ name) SAME key	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1786	288	(hash OR digest OR (($7random ADJ function) OR $7random$3function)) SAME ((file ADJ name) NEAR8 key)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1787	206	(hash OR digest OR (($7random ADJ function) OR $7random$3function)) WITH ((file ADJ name) NEAR8 key)	US-PGPUB; USPAT; USOCR;	OR	ON	2015/05/29 14:08

			FPRS; EPO; JPO; DERWENT; IBM_TDB			
S1788	1	("2011/0307705").URPN.	USPAT	OR	ON	2015/05/29 14:08
S1789	614	ibm.as.	USPAT	OR	ON	2015/05/29 14:08
S1790	0	matyas.in. AND S1789	USPAT	OR	ON	2015/05/29 14:08
S1791	211	matyas.in.	USPAT	OR	ON	2015/05/29 14:08
S1792	56	matyas.in. AND (hash OR digest)	USPAT	OR	ON	2015/05/29 14:08
S1793	0	matyas.in. AND (hash OR digest) SAME (key WITH (file NEAR3 name))	USPAT	OR	ON	2015/05/29 14:08
S1794	2	matyas.in. AND (hash OR digest) AND (key WITH (file NEAR3 name))	USPAT	OR	ON	2015/05/29 14:08
S1795	2	matyas.in. AND (hash OR digest OR owf OR (message NEAR3 code) OR trap$3door) AND (key WITH (file NEAR3 name))	USPAT	OR	ON	2015/05/29 14:08
S1796	850	(hash OR digest OR owf OR (message NEAR3 code) OR trap$3door) AND (key WITH (file NEAR3 name))	USPAT	OR	ON	2015/05/29 14:08
S1797	854	(hash OR digest OR (($7random ADJ function) OR $7random$3function) OR owf OR (message NEAR3 code) OR trap$3door) AND (key WITH (file NEAR3 name))	USPAT	OR	ON	2015/05/29 14:08
S1798	241	(hash OR digest OR (($7random ADJ function) OR $7random$3function) OR owf OR (message NEAR3 code) OR trap$3door) SAME (key WITH (file NEAR3 name))	USPAT	OR	ON	2015/05/29 14:08
S1799	160	S1798 NOT S1787	USPAT	OR	ON	2015/05/29 14:08
S1800	0	(placid.in. OR pacid.in.) AND fielder.in.	USPAT	OR	ON	2015/05/29 14:08
S1801	0	pacid.in. AND fielder.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1802	45	pacid.as. AND fielder.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1803	45	pacid.as.	US-PGPUB; USPAT; USOCR;	OR	ON	2015/05/29 14:08

			FPRS; EPO; JPO; DERWENT; IBM_TDB			
S1804	13	pacid.as. AND (file ADJ name)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1805	2	("20110307705").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/05/29 14:08
S1806	13	pacid.as. AND (file NEAR3 name)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1807	1762	pacid.as. OR fielder.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1808	244	(hash OR digest OR (($7random ADJ function) OR $7random$3function) OR owf OR (message NEAR3 code) OR trap$3door OR transformation) SAME (key WITH (file NEAR3 name))	USPAT	OR	ON	2015/05/29 14:08
S1809	589	(hash OR digest OR (($7random ADJ function) OR $7random$3function) OR owf OR (message NEAR3 code) OR trap$3door OR transformation) SAME (key WITH (file NEAR3 name))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1810	7	S1807 AND S1809	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1811	3	("20050076061").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/05/29 14:08
S1812	2	("5995624").PN.	US-PGPUB; USPAT;	OR	OFF	2015/05/29 14:08

			USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB			
S1813	137	(fielder.in. OR alito.in.) AND generator	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1814	42	(fielder.in. OR alito.in.) AND generator AND digest	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1815	4	(US-20040177058-$).did. or (US-6049612-$ or US-5995624-$ or US-5963646-$).did.	US-PGPUB; USPAT	OR	ON	2015/05/29 14:08
S1816	1	S1815 and password	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1817	3	("9847258").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/05/29 14:08
S1818	389	hash WITH (combin$4 OR concatenat$4) WITH (previous OR prior)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1819	466	(digest OR hash) WITH (combin$4 OR concatenat$4) WITH (previous OR prior)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1820	256	(digest OR hash) WITH ((combin$4 OR concatenat$4) NEAR3(previous OR prior))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1821	165	(digest OR hash) NEAR3 ((combin$4 OR concatenat$4) NEAR3(previous OR prior))	US-PGPUB; USPAT; USOCR; FPRS; EPO;	OR	ON	2015/05/29 14:08

			JPO; DERWENT; IBM_TDB			
S1822	107	(digest OR hash) NEAR3 cascad$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1823	68	(digest OR hash) NEAR2 cascad$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1824	4	("8413253").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/05/29 14:08
S1825	1	(13/274753).APP.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/05/29 14:08
S1826	2	("20110162077").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/05/29 14:08
S1827	2	("20120324113").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/05/29 14:08
S1828	13	screen$3saver WITH (cookie OR restrict$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1829	18689	algorithm SAME key SAME (digest OR hash OR checksum)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1830	4011	algorithm NEAR5 key NEAR5 (digest OR hash OR checksum)	US-PGPUB; USPAT;	OR	ON	2015/05/29 14:08

			USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB			
S1831	207310	("713"/.clas. OR "726"/.clas. OR "380"/.clas.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1832	2254	S1830 AND S1831	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1833	906	S1832 AND @RLAD<="20090325"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1834	1853	algorithm NEAR3 key NEAR3 (digest OR hash OR checksum)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1835	1065	S1834 AND S1831	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1836	375	S1835 AND @RLAD<="20090325"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1837	181	algorithm NEAR3 key NEAR3 ((digest OR hash OR checksum) NEAR2 (result OR value))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1838	116	S1837 AND S1831	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08

S1839	29	S1837 AND @RLAD<="20090325"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1840	93	S1838 NOT S1839	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1841	716	key NEAR3 (algorithm ADJ (Id OR identifier OR identification))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1842	400	S1841 AND S1831	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1843	315	S1841 AND @RLAD<="20090325"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1844	177	S1843 AND S1831	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1845	173	S1844 NOT S1837	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1846	0	key ADJ comprises ADJ (algorithm ADJ (Id OR identifier OR identification))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1847	0	key NEAR2 comprises ADJ (algorithm ADJ (Id OR identifier OR identification))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO;	OR	ON	2015/05/29 14:08

			DERWENT; IBM_TDB			
S1848	0	key NEAR2 comprises NEAR2(algorithm ADJ (Id OR identifier OR identification))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1849	1	key NEAR4 comprises NEAR4 (algorithm ADJ (Id OR identifier OR identification))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1850	4	key NEAR6 comprises NEAR6 (algorithm ADJ (Id OR identifier OR identification))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1851	6	key NEAR8 comprises NEAR8 (algorithm ADJ (Id OR identifier OR identification))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1852	476	key WITH comprises WITH (association OR (algorithm ADJ (Id OR identifier OR identification)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1853	178	key NEAR8 comprises NEAR8 (association OR (algorithm ADJ (Id OR identifier OR identification)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1854	7	S1853 SAME (hash OR digest)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1855	18	((hash OR digest) NEAR3 (Result OR value)) NEAR5 (security ADJ association)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1856	634	key WITH (consist OR comprise) WITH (association OR (algorithm ADJ (Id OR identifier OR	US-PGPUB; USPAT; USOCR;	OR	ON	2015/05/29 14:08

		identification)))	FPRS; EPO; JPO; DERWENT; IBM_TDB			
S1857	271	key NEAR8 (consist OR comprise) NEAR8 (association OR (algorithm ADJ (Id OR identifier OR identification)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1858	11	key NEAR8 (consist OR comprise) NEAR8 ((algorithm ADJ (Id OR identifier OR identification)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1859	338	key NEAR4 vector NEAR4 algorithm	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1860	116	key NEAR2 vector NEAR2 algorithm	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1861	0	key NEAR2 vector NEAR2 (algorithm ADJ (Id OR identifier OR identification))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1862	31	key NEAR8 vector NEAR8 (algorithm ADJ (Id OR identifier OR identification))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1863	3	(hash OR digest) NEAR8 (crypto ADJ sync)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1864	44	((hash OR digest) NEAR4 (Result OR value)) NEAR8 ((crypto ADJ sync) OR (encryp$6 NEAR3 parameter))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1865	0	placid.in. AND hash	US-PGPUB;	OR	ON	2015/05/29

			USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB			14:08
S1866	0	placid.as. AND ((digest OR hash) SAME algorithm)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1867	0	placid.as. AND ((digest OR hash) AND algorithm)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1868	0	placid.as. AND (digest OR hash)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1869	69	fielder.in. AND (digest OR hash)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1870	42	fielder.in. AND ((digest OR hash) AND algorithm)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1871	42	(fielder.in. OR alito.in.) AND ((digest OR hash) AND algorithm)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1872	46992	713/168,169,171,181,189.ccls. OR 370/338.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1873	62786	713/168,169,171,181,189.ccls. OR 370/338.ccls. OR 709/204.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT;	OR	ON	2015/05/29 14:08

			IBM_TDB			
S1874	2	("7233997").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/05/29 14:08
S1875	10	(file$3name OR (file ADJ name)) AND "7233997"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:08
S1876	2	("7284243").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/05/29 14:09
S1877	4	("0725812").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/05/29 14:09
S1878	11	("1949270").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/05/29 14:09
S1879	3	("20070100913").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/05/29 14:09
S1880	66145	713/168,171,169,181,156,189.ccls. OR 370/338.ccls. OR 709/204.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/05/29 14:09
S2006	9	(US-20040177058-$ or US-20030097578-$ or US-20050235154-$ or US-20110162077-$).did. or (US-6049612-$ or US-5963646-$ or US-5953420-$ or US-7233997-$ or US-7284243-$).did.	US-PGPUB; USPAT	OR	OFF	2015/06/01 05:41
S2007	30823	((H04L9/0869 OR H04L9/3236 OR H04L2209/603 OR H04L63/0428 OR H04L9/0643 OR G06F17/30011 OR G06F17/3012 OR G06F21/6209 OR G06F21/6218 OR G06F21/64).CPC.)	US-PGPUB; USPAT	OR	OFF	2015/06/01 05:42

S2010	1	fielder.in. AND (member SAME input SAME generator SAME repository).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/10/28 20:09
S2011	6	fielder.in. AND (member SAME input SAME generator).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/10/28 20:10
S2012	3	fielder.in. AND (repository).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/10/28 20:10
S2013	6	S2011 AND "6"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/10/28 20:10
S2014	2	S2011 AND S2012	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/10/28 20:10
S2015	29	((ps$2dom$3random OR random) NEAR3 challenge) SAME ((session OR connection) NEAR3 request) SAME (encr?pt$5 OR decr?pt$5 OR scrambl$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/10/28 20:31
S2016	21	((ps$2dom$3random OR random) NEAR3 response) SAME ((session OR connection) NEAR3 request) SAME (encr?pt$5 OR decr?pt$5 OR scrambl$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/10/28 21:30
S2017	50	((ps$2dom$3random OR random) NEAR3 (challenge OR response)) SAME ((session OR connection) NEAR3 request) SAME (encr?pt$5 OR decr?pt$5 OR scrambl$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/10/28 21:47
S2018	61	((ps$2dom$3random OR random) NEAR4 (challenge OR response)) SAME ((session OR connection) NEAR4 request) SAME (encr?pt$5 OR decr?pt$5 OR scrambl$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO;	OR	ON	2015/10/28 21:48

			DERWENT; IBM_TDB			
S2019	11	S2018 NOT S2017	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/10/28 21:48
S2020	62	((ps$2dom$3random OR random) NEAR4 (challenge OR response)) SAME ((session OR connection) NEAR4 request) SAME (encr?pt$5 OR decr?pt$5 OR scrambl$5 OR enc?pher$5 OR dec?ypher$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/10/28 22:16
S2021	1	S2020 NOT S2018	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/10/28 22:17
S2022	13	fielder.in. AND (extract$5 NEAR5 secret).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/10/28 22:52
S2023	19	fielder.in. AND (e-mail OR chat OR file OR sms).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/10/28 23:26
S2024	4	fielder.in. AND (e-mail OR chat OR sms).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/10/28 23:27
S2025	5	"61163406"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/10/29 01:31
S2026	92	(((ps$2dom$3random OR random) NEAR4 (challenge OR response)) SAME ((session OR connection) NEAR4 request)).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/10/29 14:45
S2027	590	(((ps$2dom$3random OR random) NEAR4 (challenge OR response)) SAME ((session OR connection)	US-PGPUB; USPAT; USOCR;	OR	ON	2015/10/29 14:50

		NEAR4 request))	FPRS; EPO; JPO; DERWENT; IBM_TDB			
S2028	311	(((ps$2dom$3random OR random) NEAR4 (challenge OR response)) WITH ((session OR connection) NEAR4 request))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/10/29 14:51
S2029	275	(((ps$2dom$3random OR random) NEAR3 (challenge OR response)) WITH ((session OR connection) NEAR3 request))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/10/29 14:51
S2030	55	S2029 AND @RLAD<="20091019"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/10/29 14:52
S2031	45	S2029 AND @RLAD<="20090325"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/10/29 14:52
S2032	23	(fielder.in. OR alito.in.) AND ((session OR connection) NEAR3 request)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/10/29 15:05
S2033	18	S2032 AND @RLAD<="20090325"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/10/29 15:05
S2034	1	S2032 AND @RLAD<"20090325"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/10/29 15:05
S2035	27	(fielder.in. OR alito.in.) AND ((session OR connection OR access) NEAR3 request)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/10/29 15:06
S2036	1	S2035 AND @RLAD<"20090325"	US-PGPUB;	OR	ON	2015/10/29

			USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB			15:06
S2037	27	(fielder.in. OR alito.in. OR placid.as.) AND ((session OR connection OR access) NEAR3 request)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/10/29 15:06
S2038	27	(fielder.in. OR alito.in. OR placid.as.) AND ((session OR connection OR access) NEAR4 request)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/10/29 15:07
S2039	28	(fielder.in. OR alito.in. OR placid.as.) AND ((session OR connection OR access) WITH request)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/10/29 15:07
S2040	1	S2039 NOT S2038	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/10/29 15:07
S2041	6	placid.as.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/10/29 15:07
S2042	50	pacid.as.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/10/29 15:08
S2043	28	(fielder.in. OR alito.in. OR pacid.as.) AND ((session OR connection OR access) WITH request)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/10/29 15:08
S2044	3	S2042 AND @RLAD<"20090325"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT;	OR	ON	2015/10/29 15:09

			IBM_TDB			
S2045	11320	((session OR connection) NEAR3 requests) WITH (plurality OR third)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/10/30 18:23
S2046	3844	((session OR connection) NEAR3 requests) NEAR3 (plurality OR third)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/10/30 18:23
S2047	200	(((session OR connection) NEAR3 requests) NEAR3 (plurality OR third)) SAME authenticat$5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/10/30 18:23
S2048	0	(((session OR connection) NEAR3 requests) NEAR3 (plurality ADJ to)) SAME authenticat$5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/10/30 18:26
S2049	0	(((session OR connection) NEAR3 requests) NEAR3 (plurality NEAR2 to)) SAME authenticat$5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/10/30 18:27
S2050	0	(((session OR connection) NEAR3 requests) NEAR3 (plurality NEAR2 to))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/10/30 18:27
S2051	0	(((session OR connection) NEAR3 requests) NEAR5 (plurality NEAR2 to))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/10/30 18:27
S2052	0	(((session OR connection) NEAR3 requests) WITH (plurality NEAR2 to))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/10/30 18:27
S2053	2479	(((session OR connection) NEAR3 requests) NEAR3 (plurality))	US-PGPUB; USPAT; USOCR; FPRS; EPO;	OR	ON	2015/10/30 18:28

			JPO; DERWENT; IBM_TDB			
S2054	574	(((session OR connection) NEAR3 requests) ADJ (plurality))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/10/30 18:28
S2055	487	(((session OR connection) NEAR2 requests) ADJ (plurality))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/10/30 18:28
S2056	26320	((ps$2dom$3random OR random) NEAR4 (challenge OR response))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/10/30 18:29
S2057	0	S2055 SAME S2056	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/10/30 18:29
S2058	3	S2055 AND S2056	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/10/30 18:29
S2059	2	("6636968").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/10/30 18:36
S2060	128	receiv$5 WITH ((public NEAR2 key) NEAR3 encrypt$5) SAME response SAME challenge	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/10/30 18:56
S2061	83	receiv$5 WITH ((public NEAR2 key) NEAR3 encrypt$5) WITH response WITH challenge	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/10/30 18:56
S2062	2008	((connection OR session OR access) NEAR2 request) SAME challenge	US-PGPUB; USPAT;	OR	OFF	2015/10/30 19:24

			USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB			
S2063	160	((connection OR session OR access) NEAR2 request) SAME (challenge NEAR3 random)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/10/30 19:25
S2064	83	(fielder.in. OR alito.in. OR pacid.as.) AND (algorithm)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/10/30 19:56
S2065	50	(fielder.in. OR alito.in. OR pacid.as.) AND (algorithm SAME key)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/10/30 19:56
S2066	35	(fielder.in. OR alito.in. OR pacid.as.) AND (algorithm SAME select$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/10/30 20:00
S2067	3693	deriv$5 SAME algorithm SAME (hash OR checksum OR md5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/10/30 20:04
S2068	589	(deriv$5 NEAR4 algorithm) SAME (hash OR checksum OR md5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/10/30 20:05
S2069	448	(deriv$5 NEAR3 algorithm) SAME (hash OR checksum OR md5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/10/30 20:05
S2070	269	(deriv$5 NEAR3 algorithm) WITH (hash OR checksum OR md5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/10/30 20:05

S2071	112	(extract$5 NEAR3 algorithm) WITH (hash OR checksum OR md5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/10/30 20:45
S2072	83	(extract$5 NEAR3 algorithm) WITH (hash)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/10/30 20:45
S2073	55	(extract$5 NEAR3 algorithm) NEAR4 (hash)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/10/30 20:45
S2074	28	S2072 NOT S2073	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/10/30 21:00
S2075	556	response SAME (encrypted NEAR4 (public NEAR2 key)) SAME challenge	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/10/30 21:24
S2076	2902237	@RLAD<="20100325"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/10/30 21:24
S2077	2901475	@RLAD<="20100324"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/10/30 21:24
S2078	235	S2075 AND S2077	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/10/30 21:25
S2079	49609	H04L9/0838,16,0869,065.cpc. OR G06F21/602,606.cpc. OR H04L63/0428.cpc.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO;	OR	ON	2015/10/30 21:28

			DERWENT; IBM_TDB			
S2080	37	S2078 AND S2079	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/10/30 21:28
S2081	3	("8539241").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/03 13:41
S2082	2	("9172533").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/03 13:52
S2083	20	("20060210082" | "20080098464" | "20080244078" | "20080270791" | "20090094520" | "5963646" | "5995623" | "7178025" | "7890769").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/03/02 18:19
S2084	12	"2009074956"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/03/02 18:42
S2085	52846	H04L9/0838,16,0869,065.cpc. OR G06F21/602,606.cpc. OR H04L63/0428.cpc.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/03/21 10:29
S2086	3863	deriv$5 SAME algorithm SAME (hash OR checksum OR md5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/03/21 10:31
S2087	623	(deriv$5 NEAR4 algorithm) SAME (hash OR checksum OR md5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/03/21 10:31
S2088	471	(deriv$5 NEAR3 algorithm) SAME (hash OR checksum OR md5)	US-PGPUB; USPAT; USOCR;	OR	ON	2016/03/21 10:31

			FPRS; EPO; JPO; DERWENT; IBM_TDB			
S2089	283	(deriv$5 NEAR3 algorithm) WITH (hash OR checksum OR md5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/03/21 10:31
S2090	115	(extract$5 NEAR3 algorithm) WITH (hash OR checksum OR md5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/03/21 10:31
S2091	85	(extract$5 NEAR3 algorithm) WITH (hash)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/03/21 10:31
S2092	56	(extract$5 NEAR3 algorithm) NEAR4 (hash)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/03/21 10:31
S2093	29	S2091 NOT S2092	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/03/21 10:31
S2094	3970	S2086 S2087 S2088 S2089 S2090 S2091 S2092 S2093	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/03/21 10:31
S2095	451	S2094 AND S2085	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/03/21 10:32
S2096	66575	713/168,169,171,181,189.ccls. OR 370/338.ccls. OR 709/204.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/03/21 10:32
S2097	834	(S2085 OR S2096) AND S2094	US-PGPUB;	OR	ON	2016/03/21

			USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB			10:32
S2098	2931685	@RLAD<="20100324"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/03/21 10:33
S2099	385	S2097 AND S2098	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/03/21 10:33
S2100	407	((extract$5 OR deriv$5) NEAR4 algorithm) NEAR4 (hash OR md$3 OR checksum OR ($3bit NEAR2 result))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/03/21 10:34
S2101	40020	713/168,171.ccls. OR 370/338.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/03/21 10:43
S2102	62	((hash OR digest) SAME first SAME second SAME encrypt$5 SAME secret SAME change)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/03/21 10:43
S2103	9	S2101 AND S2102	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/03/21 10:43
S2104	797	(hash OR digest) SAME (file ADJ name) SAME key	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/03/21 10:43
S2105	797	(hash OR digest OR (($7random ADJ function) OR $7random$3function)) SAME (file ADJ name) SAME key	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT;	OR	ON	2016/03/21 10:43

			IBM_TDB			
S2106	328	(hash OR digest OR (($7random ADJ function) OR $7random$3function)) SAME ((file ADJ name) NEAR8 key)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/03/21 10:43
S2107	241	(hash OR digest OR (($7random ADJ function) OR $7random$3function)) WITH ((file ADJ name) NEAR8 key)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/03/21 10:43
S2108	2	("2011/0307705").URPN.	USPAT	OR	ON	2016/03/21 10:43
S2109	616	ibm.as.	USPAT	OR	ON	2016/03/21 10:43
S2110	0	matyas.in. AND S2109	USPAT	OR	ON	2016/03/21 10:43
S2111	218	matyas.in.	USPAT	OR	ON	2016/03/21 10:43
S2112	56	matyas.in. AND (hash OR digest)	USPAT	OR	ON	2016/03/21 10:43
S2113	0	matyas.in. AND (hash OR digest) SAME (key WITH (file NEAR3 name))	USPAT	OR	ON	2016/03/21 10:43
S2114	2	matyas.in. AND (hash OR digest) AND (key WITH (file NEAR3 name))	USPAT	OR	ON	2016/03/21 10:43
S2115	2	matyas.in. AND (hash OR digest OR owf OR (message NEAR3 code) OR trap$3door) AND (key WITH (file NEAR3 name))	USPAT	OR	ON	2016/03/21 10:43
S2116	941	(hash OR digest OR owf OR (message NEAR3 code) OR trap$3door) AND (key WITH (file NEAR3 name))	USPAT	OR	ON	2016/03/21 10:43
S2117	945	(hash OR digest OR (($7random ADJ function) OR $7random$3function) OR owf OR (message NEAR3 code) OR trap$3door) AND (key WITH (file NEAR3 name))	USPAT	OR	ON	2016/03/21 10:43
S2118	274	(hash OR digest OR (($7random ADJ function) OR $7random$3function) OR owf OR (message NEAR3 code) OR trap$3door) SAME (key WITH (file NEAR3 name))	USPAT	OR	ON	2016/03/21 10:43
S2119	178	S2118 NOT S2107	USPAT	OR	ON	2016/03/21 10:43
S2120	0	(placid.in. OR pacid.in.) AND fielder.in.	USPAT	OR	ON	2016/03/21 10:43
S2121	0	pacid.in. AND fielder.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT;	OR	ON	2016/03/21 10:43

			IBM_TDB			
S2122	51	pacid.as. AND fielder.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/03/21 10:43
S2123	51	pacid.as.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/03/21 10:43
S2124	14	pacid.as. AND (file ADJ name)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/03/21 10:43
S2125	2	("20110307705").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/03/21 10:43
S2126	14	pacid.as. AND (file NEAR3 name)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/03/21 10:43
S2127	1821	pacid.as. OR fielder.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/03/21 10:43
S2128	277	(hash OR digest OR (($7random ADJ function) OR $7random$3function) OR owf OR (message NEAR3 code) OR trap$3door OR transformation) SAME (key WITH (file NEAR3 name))	USPAT	OR	ON	2016/03/21 10:43
S2129	661	(hash OR digest OR (($7random ADJ function) OR $7random$3function) OR owf OR (message NEAR3 code) OR trap$3door OR transformation) SAME (key WITH (file NEAR3 name))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/03/21 10:43
S2130	13	S2127 AND S2129	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO;	OR	ON	2016/03/21 10:43

			DERWENT; IBM_TDB			
S2131	3	("20050076061").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/03/21 10:43
S2132	2	("5995624").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/03/21 10:43
S2133	147	(fielder.in. OR alito.in.) AND generator	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/03/21 10:43
S2134	51	(fielder.in. OR alito.in.) AND generator AND digest	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/03/21 10:43
S2135	4	(US-20040177058-$).did. or (US-6049612-$ or US-5995624-$ or US-5963646-$).did.	US-PGPUB; USPAT	OR	ON	2016/03/21 10:43
S2136	1	S2135 and password	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/03/21 10:43
S2137	40020	713/168,171.ccls. OR 370/338.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/03/21 10:43
S2138	62	((hash OR digest) SAME first SAME second SAME encrypt$5 SAME secret SAME change)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/03/21 10:43
S2139	9	S2137 AND S2138	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/03/21 10:43

S2140	797	(hash OR digest) SAME (file ADJ name) SAME key	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/03/21 10:43
S2141	797	(hash OR digest OR (($7random ADJ function) OR $7random$3function)) SAME (file ADJ name) SAME key	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/03/21 10:43
S2142	328	(hash OR digest OR (($7random ADJ function) OR $7random$3function)) SAME ((file ADJ name) NEAR8 key)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/03/21 10:43
S2143	241	(hash OR digest OR (($7random ADJ function) OR $7random$3function)) WITH ((file ADJ name) NEAR8 key)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/03/21 10:43
S2144	2	("2011/0307705").URPN.	USPAT	OR	ON	2016/03/21 10:43
S2145	616	ibm.as.	USPAT	OR	ON	2016/03/21 10:43
S2146	0	matyas.in. AND S2145	USPAT	OR	ON	2016/03/21 10:43
S2147	218	matyas.in.	USPAT	OR	ON	2016/03/21 10:43
S2148	56	matyas.in. AND (hash OR digest)	USPAT	OR	ON	2016/03/21 10:43
S2149	0	matyas.in. AND (hash OR digest) SAME (key WITH (file NEAR3 name))	USPAT	OR	ON	2016/03/21 10:43
S2150	2	matyas.in. AND (hash OR digest) AND (key WITH (file NEAR3 name))	USPAT	OR	ON	2016/03/21 10:43
S2151	2	matyas.in. AND (hash OR digest OR owf OR (message NEAR3 code) OR trap$3door) AND (key WITH (file NEAR3 name))	USPAT	OR	ON	2016/03/21 10:43
S2152	941	(hash OR digest OR owf OR (message NEAR3 code) OR trap$3door) AND (key WITH (file NEAR3 name))	USPAT	OR	ON	2016/03/21 10:43
S2153	945	(hash OR digest OR (($7random ADJ function) OR $7random$3function) OR owf OR (message NEAR3 code) OR trap$3door) AND (key WITH (file NEAR3 name))	USPAT	OR	ON	2016/03/21 10:43
S2154	274	(hash OR digest OR (($7random ADJ function) OR $7random$3function) OR owf OR (message NEAR3 code)	USPAT	OR	ON	2016/03/21 10:43

		OR trap$3door) SAME (key WITH (file NEAR3 name))				
S2155	178	S2154 NOT S2143	USPAT	OR	ON	2016/03/21 10:43
S2156	0	(placid.in. OR pacid.in.) AND fielder.in.	USPAT	OR	ON	2016/03/21 10:43
S2157	0	pacid.in. AND fielder.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/03/21 10:43
S2158	51	pacid.as. AND fielder.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/03/21 10:43
S2159	51	pacid.as.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/03/21 10:43
S2160	14	pacid.as. AND (file ADJ name)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/03/21 10:43
S2161	2	("20110307705").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/03/21 10:43
S2162	14	pacid.as. AND (file NEAR3 name)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/03/21 10:43
S2163	1821	pacid.as. OR fielder.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/03/21 10:43
S2164	277	(hash OR digest OR (($7random ADJ function) OR $7random$3function) OR owf OR (message NEAR3 code) OR trap$3door OR transformation) SAME (key WITH (file NEAR3	USPAT	OR	ON	2016/03/21 10:43

		name))				
S2165	661	(hash OR digest OR (($7random ADJ function) OR $7random$3function) OR owf OR (message NEAR3 code) OR trap$3door OR transformation) SAME (key WITH (file NEAR3 name))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/03/21 10:43
S2166	13	S2163 AND S2165	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/03/21 10:43
S2167	3	("20050076061").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/03/21 10:43
S2168	2	("5995624").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/03/21 10:43
S2169	147	(fielder.in. OR alito.in.) AND generator	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/03/21 10:43
S2170	51	(fielder.in. OR alito.in.) AND generator AND digest	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/03/21 10:43
S2171	4	(US-20040177058-$).did. or (US-6049612-$ or US-5995624-$ or US-5963646-$).did.	US-PGPUB; USPAT	OR	ON	2016/03/21 10:43
S2172	1	S2171 and password	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/03/21 10:43
S2173	3	("9847258").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/03/21 10:43

S2174	424	hash WITH (combin$4 OR concatenat$4) WITH (previous OR prior)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/03/21 10:43
S2175	515	(digest OR hash) WITH (combin$4 OR concatenat$4) WITH (previous OR prior)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/03/21 10:43
S2176	282	(digest OR hash) WITH ((combin$4 OR concatenat$4) NEAR3(previous OR prior))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/03/21 10:43
S2177	181	(digest OR hash) NEAR3 ((combin$4 OR concatenat$4) NEAR3(previous OR prior))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/03/21 10:43
S2178	113	(digest OR hash) NEAR3 cascad$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/03/21 10:43
S2179	72	(digest OR hash) NEAR2 cascad$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/03/21 10:43
S2180	4	("8413253").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/03/21 10:43
S2181	1	(13/274753).APP.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/03/21 10:43
S2182	2	("20110162077").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO;	OR	OFF	2016/03/21 10:43

			DERWENT; IBM_TDB			
S2183	2	("20120324113").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/03/21 10:43
S2184	14	screen$3saver WITH (cookie OR restrict$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/03/21 10:43
S2185	40020	713/168,171.ccls. OR 370/338.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/03/21 10:43
S2186	62	((hash OR digest) SAME first SAME second SAME encrypt$5 SAME secret SAME change)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/03/21 10:43
S2187	9	S2185 AND S2186	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/03/21 10:43
S2188	797	(hash OR digest) SAME (file ADJ name) SAME key	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/03/21 10:43
S2189	797	(hash OR digest OR (($7random ADJ function) OR $7random$3function)) SAME (file ADJ name) SAME key	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/03/21 10:43
S2190	328	(hash OR digest OR (($7random ADJ function) OR $7random$3function)) SAME ((file ADJ name) NEAR8 key)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/03/21 10:43
S2191	241	(hash OR digest OR (($7random ADJ function) OR $7random$3function)) WITH ((file ADJ name) NEAR8 key)	US-PGPUB; USPAT; USOCR;	OR	ON	2016/03/21 10:43

			FPRS; EPO; JPO; DERWENT; IBM_TDB			
S2192	2	("2011/0307705").URPN.	USPAT	OR	ON	2016/03/21 10:43
S2193	616	ibm.as.	USPAT	OR	ON	2016/03/21 10:43
S2194	0	matyas.in. AND S2193	USPAT	OR	ON	2016/03/21 10:43
S2195	218	matyas.in.	USPAT	OR	ON	2016/03/21 10:43
S2196	56	matyas.in. AND (hash OR digest)	USPAT	OR	ON	2016/03/21 10:43
S2197	0	matyas.in. AND (hash OR digest) SAME (key WITH (file NEAR3 name))	USPAT	OR	ON	2016/03/21 10:43
S2198	2	matyas.in. AND (hash OR digest) AND (key WITH (file NEAR3 name))	USPAT	OR	ON	2016/03/21 10:43
S2199	2	matyas.in. AND (hash OR digest OR owf OR (message NEAR3 code) OR trap$3door) AND (key WITH (file NEAR3 name))	USPAT	OR	ON	2016/03/21 10:43
S2200	941	(hash OR digest OR owf OR (message NEAR3 code) OR trap$3door) AND (key WITH (file NEAR3 name))	USPAT	OR	ON	2016/03/21 10:43
S2201	945	(hash OR digest OR (($7random ADJ function) OR $7random$3function) OR owf OR (message NEAR3 code) OR trap$3door) AND (key WITH (file NEAR3 name))	USPAT	OR	ON	2016/03/21 10:43
S2202	274	(hash OR digest OR (($7random ADJ function) OR $7random$3function) OR owf OR (message NEAR3 code) OR trap$3door) SAME (key WITH (file NEAR3 name))	USPAT	OR	ON	2016/03/21 10:43
S2203	178	S2202 NOT S2191	USPAT	OR	ON	2016/03/21 10:43
S2204	0	(placid.in. OR pacid.in.) AND fielder.in.	USPAT	OR	ON	2016/03/21 10:43
S2205	0	pacid.in. AND fielder.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/03/21 10:43
S2206	51	pacid.as. AND fielder.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/03/21 10:43
S2207	51	pacid.as.	US-PGPUB; USPAT; USOCR;	OR	ON	2016/03/21 10:43

			FPRS; EPO; JPO; DERWENT; IBM_TDB			
S2208	14	pacid.as. AND (file ADJ name)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/03/21 10:43
S2209	2	("20110307705").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/03/21 10:43
S2210	14	pacid.as. AND (file NEAR3 name)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/03/21 10:43
S2211	1821	pacid.as. OR fielder.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/03/21 10:43
S2212	277	(hash OR digest OR (($7random ADJ function) OR $7random$3function) OR owf OR (message NEAR3 code) OR trap$3door OR transformation) SAME (key WITH (file NEAR3 name))	USPAT	OR	ON	2016/03/21 10:43
S2213	661	(hash OR digest OR (($7random ADJ function) OR $7random$3function) OR owf OR (message NEAR3 code) OR trap$3door OR transformation) SAME (key WITH (file NEAR3 name))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/03/21 10:43
S2214	13	S2211 AND S2213	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/03/21 10:43
S2215	3	("20050076061").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/03/21 10:43
S2216	2	("5995624").PN.	US-PGPUB; USPAT;	OR	OFF	2016/03/21 10:43

			USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB			
S2217	147	(fielder.in. OR alito.in.) AND generator	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/03/21 10:43
S2218	51	(fielder.in. OR alito.in.) AND generator AND digest	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/03/21 10:43
S2219	4	(US-20040177058-$).did. or (US-6049612-$ or US-5995624-$ or US-5963646-$).did.	US-PGPUB; USPAT	OR	ON	2016/03/21 10:43
S2220	1	S2219 and password	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/03/21 10:43
S2221	40020	713/168,171.ccls. OR 370/338.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/03/21 10:43
S2222	62	((hash OR digest) SAME first SAME second SAME encrypt$5 SAME secret SAME change)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/03/21 10:43
S2223	9	S2221 AND S2222	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/03/21 10:43
S2224	797	(hash OR digest) SAME (file ADJ name) SAME key	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/03/21 10:43
S2225	797	(hash OR digest OR (($7random ADJ function) OR $7random$3function)) SAME (file ADJ name) SAME key	US-PGPUB; USPAT; USOCR; FPRS; EPO;	OR	ON	2016/03/21 10:43

			JPO; DERWENT; IBM_TDB			
S2226	328	(hash OR digest OR (($7random ADJ function) OR $7random$3function)) SAME ((file ADJ name) NEAR8 key)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/03/21 10:43
S2227	241	(hash OR digest OR (($7random ADJ function) OR $7random$3function)) WITH ((file ADJ name) NEAR8 key)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/03/21 10:43
S2228	2	("2011/0307705").URPN.	USPAT	OR	ON	2016/03/21 10:43
S2229	616	ibm.as.	USPAT	OR	ON	2016/03/21 10:43
S2230	0	matyas.in. AND S2229	USPAT	OR	ON	2016/03/21 10:43
S2231	218	matyas.in.	USPAT	OR	ON	2016/03/21 10:43
S2232	56	matyas.in. AND (hash OR digest)	USPAT	OR	ON	2016/03/21 10:43
S2233	0	matyas.in. AND (hash OR digest) SAME (key WITH (file NEAR3 name))	USPAT	OR	ON	2016/03/21 10:43
S2234	2	matyas.in. AND (hash OR digest) AND (key WITH (file NEAR3 name))	USPAT	OR	ON	2016/03/21 10:43
S2235	2	matyas.in. AND (hash OR digest OR owf OR (message NEAR3 code) OR trap$3door) AND (key WITH (file NEAR3 name))	USPAT	OR	ON	2016/03/21 10:43
S2236	941	(hash OR digest OR owf OR (message NEAR3 code) OR trap$3door) AND (key WITH (file NEAR3 name))	USPAT	OR	ON	2016/03/21 10:43
S2237	945	(hash OR digest OR (($7random ADJ function) OR $7random$3function) OR owf OR (message NEAR3 code) OR trap$3door) AND (key WITH (file NEAR3 name))	USPAT	OR	ON	2016/03/21 10:43
S2238	274	(hash OR digest OR (($7random ADJ function) OR $7random$3function) OR owf OR (message NEAR3 code) OR trap$3door) SAME (key WITH (file NEAR3 name))	USPAT	OR	ON	2016/03/21 10:43
S2239	178	S2238 NOT S2227	USPAT	OR	ON	2016/03/21 10:43
S2240	0	(placid.in. OR pacid.in.) AND fielder.in.	USPAT	OR	ON	2016/03/21 10:43
S2241	0	pacid.in. AND fielder.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO;	OR	ON	2016/03/21 10:43

			JPO; DERWENT; IBM_TDB			
S2242	51	pacid.as. AND fielder.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/03/21 10:43
S2243	51	pacid.as.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/03/21 10:43
S2244	14	pacid.as. AND (file ADJ name)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/03/21 10:43
S2245	2	("20110307705").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/03/21 10:43
S2246	14	pacid.as. AND (file NEAR3 name)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/03/21 10:43
S2247	1821	pacid.as. OR fielder.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/03/21 10:43
S2248	277	(hash OR digest OR (($7random ADJ function) OR $7random$3function) OR owf OR (message NEAR3 code) OR trap$3door OR transformation) SAME (key WITH (file NEAR3 name))	USPAT	OR	ON	2016/03/21 10:43
S2249	661	(hash OR digest OR (($7random ADJ function) OR $7random$3function) OR owf OR (message NEAR3 code) OR trap$3door OR transformation) SAME (key WITH (file NEAR3 name))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/03/21 10:43
S2250	13	S2247 AND S2249	US-PGPUB; USPAT; USOCR;	OR	ON	2016/03/21 10:43

			FPRS; EPO; JPO; DERWENT; IBM_TDB			
S2251	3	("20050076061").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/03/21 10:43
S2252	2	("5995624").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/03/21 10:43
S2253	147	(fielder.in. OR alito.in.) AND generator	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/03/21 10:43
S2254	51	(fielder.in. OR alito.in.) AND generator AND digest	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/03/21 10:43
S2255	4	(US-20040177058-$).did. or (US-6049612-$ or US-5995624-$ or US-5963646-$).did.	US-PGPUB; USPAT	OR	ON	2016/03/21 10:43
S2256	1	S2255 and password	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/03/21 10:43
S2257	3	("9847258").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/03/21 10:43
S2258	424	hash WITH (combin$4 OR concatenat$4) WITH (previous OR prior)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/03/21 10:43
S2259	515	(digest OR hash) WITH (combin$4 OR concatenat$4) WITH (previous OR prior)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO;	OR	ON	2016/03/21 10:43

			DERWENT; IBM_TDB			
S2260	282	(digest OR hash) WITH ((combin$4 OR concatenat$4) NEAR3(previous OR prior))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/03/21 10:43
S2261	181	(digest OR hash) NEAR3 ((combin$4 OR concatenat$4) NEAR3(previous OR prior))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/03/21 10:43
S2262	113	(digest OR hash) NEAR3 cascad$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/03/21 10:43
S2263	72	(digest OR hash) NEAR2 cascad$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/03/21 10:43
S2264	4	("8413253").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/03/21 10:43
S2265	1	(13/274753).APP.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/03/21 10:43
S2266	2	("20110162077").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/03/21 10:43
S2267	2	("20120324113").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/03/21 10:43
S2268	14	screen$3saver WITH (cookie OR restrict$5)	US-PGPUB; USPAT; USOCR;	OR	ON	2016/03/21 10:43

			FPRS; EPO; JPO; DERWENT; IBM_TDB			
S2269	20510	algorithm SAME key SAME (digest OR hash OR checksum)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/03/21 10:43
S2270	4408	algorithm NEAR5 key NEAR5 (digest OR hash OR checksum)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/03/21 10:43
S2271	221998	("713"/.clas. OR "726"/.clas. OR "380"/.clas.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/03/21 10:43
S2272	2367	S2270 AND S2271	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/03/21 10:43
S2273	930	S2272 AND @RLAD<="20090325"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/03/21 10:43
S2274	2041	algorithm NEAR3 key NEAR3 (digest OR hash OR checksum)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/03/21 10:43
S2275	1128	S2274 AND S2271	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/03/21 10:43
S2276	390	S2275 AND @RLAD<="20090325"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/03/21 10:43
S2277	201	algorithm NEAR3 key NEAR3 ((digest	US-PGPUB;	OR	ON	2016/03/21

		OR hash OR checksum) NEAR2 (result OR value))	USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB			10:43
S2278	120	S2277 AND S2271	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/03/21 10:43
S2279	30	S2277 AND @RLAD<="20090325"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/03/21 10:43
S2280	96	S2278 NOT S2279	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/03/21 10:43
S2281	753	key NEAR3 (algorithm ADJ (Id OR identifier OR identification))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/03/21 10:43
S2282	409	S2281 AND S2271	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/03/21 10:43
S2283	322	S2281 AND @RLAD<="20090325"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/03/21 10:43
S2284	178	S2283 AND S2271	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/03/21 10:43
S2285	174	S2284 NOT S2277	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT;	OR	ON	2016/03/21 10:43

			IBM_TDB			
S2286	0	key ADJ comprises ADJ (algorithm ADJ (Id OR identifier OR identification))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/03/21 10:43
S2287	0	key NEAR2 comprises ADJ (algorithm ADJ (Id OR identifier OR identification))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/03/21 10:43
S2288	0	key NEAR2 comprises NEAR2(algorithm ADJ (Id OR identifier OR identification))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/03/21 10:43
S2289	1	key NEAR4 comprises NEAR4 (algorithm ADJ (Id OR identifier OR identification))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/03/21 10:43
S2290	4	key NEAR6 comprises NEAR6 (algorithm ADJ (Id OR identifier OR identification))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/03/21 10:43
S2291	6	key NEAR8 comprises NEAR8 (algorithm ADJ (Id OR identifier OR identification))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/03/21 10:43
S2292	543	key WITH comprises WITH (association OR (algorithm ADJ (Id OR identifier OR identification)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/03/21 10:43
S2293	194	key NEAR8 comprises NEAR8 (association OR (algorithm ADJ (Id OR identifier OR identification)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/03/21 10:43
S2294	8	S2293 SAME (hash OR digest)	US-PGPUB; USPAT; USOCR; FPRS; EPO;	OR	ON	2016/03/21 10:43

			JPO; DERWENT; IBM_TDB			
S2295	19	((hash OR digest) NEAR3 (Result OR value)) NEAR5 (security ADJ association)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/03/21 10:43
S2296	715	key WITH (consist OR comprise) WITH (association OR (algorithm ADJ (Id OR identifier OR identification)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/03/21 10:43
S2297	300	key NEAR8 (consist OR comprise) NEAR8 (association OR (algorithm ADJ (Id OR identifier OR identification)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/03/21 10:43
S2298	11	key NEAR8 (consist OR comprise) NEAR8 ((algorithm ADJ (Id OR identifier OR identification)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/03/21 10:43
S2299	378	key NEAR4 vector NEAR4 algorithm	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/03/21 10:43
S2300	125	key NEAR2 vector NEAR2 algorithm	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/03/21 10:43
S2301	0	key NEAR2 vector NEAR2 (algorithm ADJ (Id OR identifier OR identification))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/03/21 10:43
S2302	32	key NEAR8 vector NEAR8 (algorithm ADJ (Id OR identifier OR identification))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/03/21 10:43
S2303	3	(hash OR digest) NEAR8 (crypto ADJ sync)	US-PGPUB; USPAT;	OR	ON	2016/03/21 10:43

			USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB			
S2304	45	((hash OR digest) NEAR4 (Result OR value)) NEAR8 ((crypto ADJ sync) OR (encryp$6 NEAR3 parameter))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/03/21 10:43
S2305	0	placid.in. AND hash	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/03/21 10:43
S2306	0	placid.as. AND ((digest OR hash) SAME algorithm)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/03/21 10:43
S2307	0	placid.as. AND ((digest OR hash) AND algorithm)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/03/21 10:43
S2308	0	placid.as. AND (digest OR hash)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/03/21 10:43
S2309	82	fielder.in. AND (digest OR hash)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/03/21 10:43
S2310	53	fielder.in. AND ((digest OR hash) AND algorithm)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/03/21 10:43
S2311	53	(fielder.in. OR alito.in.) AND ((digest OR hash) AND algorithm)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/03/21 10:43

S2312	41210	713/168,171,181.ccls. OR 370/338.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/03/21 10:43
S2313	40020	713/168,171.ccls. OR 370/338.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/03/21 10:43
S2314	62	((hash OR digest) SAME first SAME second SAME encrypt$5 SAME secret SAME change)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/03/21 10:43
S2315	9	S2313 AND S2314	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/03/21 10:43
S2316	797	(hash OR digest) SAME (file ADJ name) SAME key	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/03/21 10:43
S2317	797	(hash OR digest OR (($7random ADJ function) OR $7random$3function)) SAME (file ADJ name) SAME key	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/03/21 10:43
S2318	328	(hash OR digest OR (($7random ADJ function) OR $7random$3function)) SAME ((file ADJ name) NEAR8 key)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/03/21 10:43
S2319	241	(hash OR digest OR (($7random ADJ function) OR $7random$3function)) WITH ((file ADJ name) NEAR8 key)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/03/21 10:43
S2320	2	("2011/0307705").URPN.	USPAT	OR	ON	2016/03/21 10:43
S2321	616	ibm.as.	USPAT	OR	ON	2016/03/21 10:43

S2322	0	matyas.in. AND S2321	USPAT	OR	ON	2016/03/21 10:43
S2323	218	matyas.in.	USPAT	OR	ON	2016/03/21 10:43
S2324	56	matyas.in. AND (hash OR digest)	USPAT	OR	ON	2016/03/21 10:43
S2325	0	matyas.in. AND (hash OR digest) SAME (key WITH (file NEAR3 name))	USPAT	OR	ON	2016/03/21 10:43
S2326	2	matyas.in. AND (hash OR digest) AND (key WITH (file NEAR3 name))	USPAT	OR	ON	2016/03/21 10:43
S2327	2	matyas.in. AND (hash OR digest OR owf OR (message NEAR3 code) OR trap$3door) AND (key WITH (file NEAR3 name))	USPAT	OR	ON	2016/03/21 10:43
S2328	941	(hash OR digest OR owf OR (message NEAR3 code) OR trap$3door) AND (key WITH (file NEAR3 name))	USPAT	OR	ON	2016/03/21 10:43
S2329	945	(hash OR digest OR (($7random ADJ function) OR $7random$3function) OR owf OR (message NEAR3 code) OR trap$3door) AND (key WITH (file NEAR3 name))	USPAT	OR	ON	2016/03/21 10:43
S2330	274	(hash OR digest OR (($7random ADJ function) OR $7random$3function) OR owf OR (message NEAR3 code) OR trap$3door) SAME (key WITH (file NEAR3 name))	USPAT	OR	ON	2016/03/21 10:43
S2331	178	S2330 NOT S2319	USPAT	OR	ON	2016/03/21 10:43
S2332	0	(placid.in. OR pacid.in.) AND fielder.in.	USPAT	OR	ON	2016/03/21 10:43
S2333	0	pacid.in. AND fielder.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/03/21 10:43
S2334	51	pacid.as. AND fielder.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/03/21 10:43
S2335	51	pacid.as.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/03/21 10:44
S2336	14	pacid.as. AND (file ADJ name)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO;	OR	ON	2016/03/21 10:44

			DERWENT; IBM_TDB			
S2337	2	("20110307705").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/03/21 10:44
S2338	14	pacid.as. AND (file NEAR3 name)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/03/21 10:44
S2339	1821	pacid.as. OR fielder.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/03/21 10:44
S2340	277	(hash OR digest OR (($7random ADJ function) OR $7random$3function) OR owf OR (message NEAR3 code) OR trap$3door OR transformation) SAME (key WITH (file NEAR3 name))	USPAT	OR	ON	2016/03/21 10:44
S2377	753	key NEAR3 (algorithm ADJ (Id OR identifier OR identification))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/03/21 11:33
S2378	322	S2377 AND @RLAD<="20090325"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/03/21 11:33
S2379	23075	(summary OR digest OR hash OR unique OR random OR owf OR trap$3door OR one$3way) SAME algorithm SAME key SAME (traffic OR encrypt$4 OR encipher$4 OR scrambl$4 OR encypher$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/03/21 11:33
S2380	23075	(summary OR digest OR hash OR unique OR random OR owf OR trap$3door OR one$3way) SAME algorithm SAME key SAME (traffic OR encrypt$4 OR encipher$4 OR scrambl$4 OR encypher$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/03/21 11:33
S2381	193468	(summary OR digest OR hash OR unique OR random OR owf OR trap$3door OR one$3way) SAME algorithm	US-PGPUB; USPAT; USOCR; FPRS; EPO;	OR	ON	2016/03/21 11:33

			JPO; DERWENT; IBM_TDB			
S2382	252633	key SAME (traffic OR encrypt$4 OR encipher$4 OR scrambl$4 OR encypher$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/03/21 11:33
S2383	2739732	key	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/03/21 11:33
S2384	9771688	(summary OR digest OR hash OR unique OR random OR owf OR trap$3door OR one$3way)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/03/21 11:33
S2385	8382963	summary	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/03/21 11:33
S2386	57168	713/188,169,156,181.ccls. OR 709/204.ccls. OR 707/104.1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/03/21 11:33
S2387	27331	713/188,169,156,181.ccls. OR 709/204.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/03/21 11:33
S2388	41	((hash OR digest) SAME (formula OR principle OR algorithm) SAME first SAME second SAME encrypt$5 SAME secret).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/03/21 11:33
S2389	236	((hash OR digest) SAME (formula OR principle OR algorithm) SAME first SAME second SAME encrypt$5 SAME secret)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/03/21 11:33
S2390	236	((hash OR digest) SAME (formula OR principle OR algorithm) SAME first	US-PGPUB; USPAT;	OR	ON	2016/03/21 11:33

		SAME second SAME encrypt$5 SAME secret)	USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB			
S2391	70109	713/168,171,169,181,156,189.ccls. OR 370/338.ccls. OR 709/204.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/03/21 11:33
S2392	72	S2391 AND S2390	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/03/21 11:33
S2393	70109	713/168,171,169,181,156,189.ccls. OR 370/338.ccls. OR 709/204.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/03/21 11:33
S2394	41	((hash OR digest) SAME (formula OR principle OR algorithm) SAME first SAME second SAME encrypt$5 SAME secret).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/03/21 11:33
S2395	72	S2393 AND S2390	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/03/21 11:33
S2396	52	S2395 NOT S2394	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/03/21 11:33
S2397	70109	713/168,171,169,181,156,189.ccls. OR 370/338.ccls. OR 709/204.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/03/21 11:33
S2398	114409	H04L9/0838,16,0869,065.cpc. OR G06F21/602,606.cpc. OR H04L63/0428.cpc. OR 713/168,169,171,181,189.ccls. OR 370/338.ccls. OR 709/204.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/03/21 11:34

S2400	50	(((extract$5 OR deriv$5) NEAR4 algorithm) NEAR5 (hash OR md$3 OR checksum OR ($3bit NEAR2 result))).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/03/21 11:38
S2401	425	(((extract$5 OR deriv$5) NEAR4 algorithm) NEAR5 (hash OR md$3 OR checksum OR ($3bit NEAR2 result)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/03/21 11:38
S2402	11	S2400 AND S2398	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/03/21 11:38
S2440	53	pacid.as. AND fielder.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/09/04 21:05
S2441	374	(file OR directory) SAME unique SAME identifier SAME secret	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/09/04 21:06
S2442	22	S2440 AND S2441	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/09/04 21:06
S2443	185337	((H04L63/08 OR H04L63/0428 OR H04L63/20 OR H04L9/0861 OR H04L63/10 OR G06F21/6209 OR G06F2221/2107 OR G06F21/62).CPC. OR (713/168 OR 713/193 OR 713/181 OR 713/165 OR 726/1 OR 726/26 OR 726/17 OR 726/21 OR 726/4 OR 380/44 OR 380/278 OR 709/231).CCLS.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/09/04 21:21
S2444	192946	((H04L63/08,0428,20,10 OR H04L9/0861,14,0894 OR G06F21/6209,62 OR h04l2209/24 OR G06F2221/2107).CPC. OR (713/168,193,181,165 OR 726/1,26,17,21,4 OR 380/44,278 OR 709/231).CCLS.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/09/04 21:26
S2445	310	"6049612" "5995624" "20050076061" "5953420"	US-PGPUB; USPAT; USOCR;	OR	ON	2016/09/04 21:27

			FPRS; EPO; JPO; DERWENT; IBM_TDB			
S2446	179	((transmit$5 OR send$6 OR communicat$6) SAME identifier) AND (secret SAME directory SAME identifier)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/09/04 21:33
S2447	68	S2444 AND S2446	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/09/04 21:33
S2453	9094	(generat$5 OR creat$5 OR calculat$5) SAME (directory) SAME (secret OR key)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/09/28 15:46
S2454	3527	((generat$5 OR creat$5 OR calculat$5) NEAR5(secret OR key)) SAME (directory)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/09/28 15:47
S2455	6284	(secret OR key) NEAR4 (directory)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/09/28 15:48
S2456	2586	S2453 AND S2455	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/09/28 15:48
S2457	276775	((generat$5 OR creat$5 OR calculat$5) NEAR5(secret OR key))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/09/28 15:48
S2458	2957	S2457 AND S2455	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/09/28 15:49
S2459	1075	S2458 AND ((H04L63/08,0428,20,10	US-PGPUB;	OR	ON	2016/09/28

		OR H04L9/0861,14,0894 OR G06F21/6209,62 OR h04l2209/24 OR G06F2221/2107).CPC. OR (713/168,193,181,165 OR 726/1,26,17,21,4 OR 380/44,278 OR 709/231).CCLS.)	USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB			15:49
S2460	1039	(store OR storing OR stored) NEAR4 ((secret OR key) NEAR4 (directory))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/09/28 15:54
S2461	697	S2457 AND S2460	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/09/28 15:54
S2462	284	S2461 AND ((H04L63/08,0428,20,10 OR H04L9/0861,14,0894 OR G06F21/6209,62 OR h04l2209/24 OR G06F2221/2107).CPC. OR (713/168,193,181,165 OR 726/1,26,17,21,4 OR 380/44,278 OR 709/231).CCLS.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/09/28 15:54
S2463	265	S2457 SAME S2460	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/09/28 15:55
S2464	120	S2463 AND ((H04L63/08,0428,20,10 OR H04L9/0861,14,0894 OR G06F21/6209,62 OR h04l2209/24 OR G06F2221/2107).CPC. OR (713/168,193,181,165 OR 726/1,26,17,21,4 OR 380/44,278 OR 709/231).CCLS.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/09/28 15:55
S2465	60	S2464 AND @RLAD<="20090325"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/09/28 16:08
S2466	54	S2464 AND @RLAD<="20090324"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/09/28 16:56
S2467	45745	((generat$5 OR creat$5 OR calculat$5) NEAR5(secret OR key)).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT;	OR	ON	2016/09/28 17:10

			IBM_TDB			
S2473	220853	((H04L63/08,0428,20,10 OR H04L9/0861,14,0894 OR G06F21/6209,62 OR h04l2209/24 OR G06F2221/2107).CPC. OR (713/168,193,181,165 OR 726/1,26,17,21,4 OR 380/44,278 OR 709/231).CCLS.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/07/10 11:53
S2474	59	pacid.as.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/07/10 11:53
S2475	1907	fielder.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/07/10 11:53
S2476	1356	(credential OR (unique NEAR2 input)) SAME communication SAME secret	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/07/10 11:54
S2477	1907	S2474 S2475	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/07/10 11:55
S2482	7	"9577993"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/07/10 12:27
S2483	224972	((H04L63/08,0428,20,10 OR H04L9/0861,14,0894 OR G06F21/6209,62 OR h04l2209/24 OR G06F2221/2107).CPC. OR (713/168,193,181,165 OR 726/1,26,17,21,4 OR 380/44,278 OR 709/231).CCLS.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/08/20 17:56

EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S4	20102	713/168,171.ccls. OR 370/338.ccls.	US-PGPUB; USPAT	OR	ON	2013/05/17 17:23
S5	633	digest SAME first SAME second SAME encrypt$5	US-PGPUB;	OR	ON	2013/05/17 17:40

			USPAT			
S6	160	(digest SAME first SAME second SAME encrypt$5).clm.	US-PGPUB; USPAT	OR	ON	2013/05/17 17:41
S7	31	S4 AND S6	US-PGPUB; USPAT	OR	ON	2013/05/17 17:41
S8	533	((hash OR digest) SAME first SAME second SAME encrypt$5 SAME secret)	US-PGPUB; USPAT	OR	ON	2013/05/17 18:17
S9	149	((hash OR digest) SAME first SAME second SAME encrypt$5 SAME secret).clm.	US-PGPUB; USPAT	OR	ON	2013/05/17 18:17
S10	29	S4 AND S9	US-PGPUB; USPAT	OR	ON	2013/05/17 18:18
S88	21183	713/168,171.ccls. OR 370/338.ccls.	US-PGPUB; USPAT	OR	ON	2013/09/18 11:29
S89	664	digest SAME first SAME second SAME encrypt$5	US-PGPUB; USPAT	OR	ON	2013/09/18 11:29
S90	168	(digest SAME first SAME second SAME encrypt$5).clm.	US-PGPUB; USPAT	OR	ON	2013/09/18 11:29
S91	33	S88 AND S90	US-PGPUB; USPAT	OR	ON	2013/09/18 11:29
S92	567	((hash OR digest) SAME first SAME second SAME encrypt$5 SAME secret)	US-PGPUB; USPAT	OR	ON	2013/09/18 11:29
S93	156	((hash OR digest) SAME first SAME second SAME encrypt$5 SAME secret).clm.	US-PGPUB; USPAT	OR	ON	2013/09/18 11:29
S94	31	S88 AND S93	US-PGPUB; USPAT	OR	ON	2013/09/18 11:29
S233	21198	713/168,171.ccls. OR 370/338.ccls.	US-PGPUB; USPAT	OR	ON	2013/09/20 10:13
S234	664	digest SAME first SAME second SAME encrypt$5	US-PGPUB; USPAT	OR	ON	2013/09/20 10:13
S235	168	(digest SAME first SAME second SAME encrypt$5).clm.	US-PGPUB; USPAT	OR	ON	2013/09/20 10:13
S236	33	S233 AND S235	US-PGPUB; USPAT	OR	ON	2013/09/20 10:13
S237	568	((hash OR digest) SAME first SAME second SAME encrypt$5 SAME secret)	US-PGPUB; USPAT	OR	ON	2013/09/20 10:13
S238	157	((hash OR digest) SAME first SAME second SAME encrypt$5 SAME secret).clm.	US-PGPUB; USPAT	OR	ON	2013/09/20 10:13
S239	31	S233 AND S238	US-PGPUB;	OR	ON	2013/09/20 10:13

			USPAT			
S240	21198	713/168,171.ccls. OR 370/338.ccls.	US-PGPUB; USPAT	OR	ON	2013/09/20 10:13
S241	664	digest SAME first SAME second SAME encrypt$5	US-PGPUB; USPAT	OR	ON	2013/09/20 10:13
S242	168	(digest SAME first SAME second SAME encrypt$5).clm.	US-PGPUB; USPAT	OR	ON	2013/09/20 10:13
S243	33	S240 AND S242	US-PGPUB; USPAT	OR	ON	2013/09/20 10:13
S244	568	((hash OR digest) SAME first SAME second SAME encrypt$5 SAME secret)	US-PGPUB; USPAT	OR	ON	2013/09/20 10:13
S245	157	((hash OR digest) SAME first SAME second SAME encrypt$5 SAME secret).clm.	US-PGPUB; USPAT	OR	ON	2013/09/20 10:13
S246	31	S240 AND S245	US-PGPUB; USPAT	OR	ON	2013/09/20 10:13
S464	21198	713/168,171.ccls. OR 370/338.ccls.	US-PGPUB; USPAT	OR	ON	2013/09/20 21:51
S465	664	digest SAME first SAME second SAME encrypt$5	US-PGPUB; USPAT	OR	ON	2013/09/20 21:51
S466	168	(digest SAME first SAME second SAME encrypt$5).clm.	US-PGPUB; USPAT	OR	ON	2013/09/20 21:51
S467	33	S464 AND S466	US-PGPUB; USPAT	OR	ON	2013/09/20 21:51
S468	568	((hash OR digest) SAME first SAME second SAME encrypt$5 SAME secret)	US-PGPUB; USPAT	OR	ON	2013/09/20 21:51
S469	157	((hash OR digest) SAME first SAME second SAME encrypt$5 SAME secret).clm.	US-PGPUB; USPAT	OR	ON	2013/09/20 21:51
S470	31	S464 AND S469	US-PGPUB; USPAT	OR	ON	2013/09/20 21:51
S471	21198	713/168,171.ccls. OR 370/338.ccls.	US-PGPUB; USPAT	OR	ON	2013/09/20 21:51
S472	664	digest SAME first SAME second SAME encrypt$5	US-PGPUB; USPAT	OR	ON	2013/09/20 21:51
S473	168	(digest SAME first SAME second SAME encrypt$5).clm.	US-PGPUB; USPAT	OR	ON	2013/09/20 21:51
S474	33	S471 AND S473	US-PGPUB; USPAT	OR	ON	2013/09/20 21:51
S475	568	((hash OR digest) SAME first SAME second SAME encrypt$5 SAME secret)	US-PGPUB;	OR	ON	2013/09/20 21:51

			USPAT			
S476	157	((hash OR digest) SAME first SAME second SAME encrypt$5 SAME secret).clm.	US-PGPUB; USPAT	OR	ON	2013/09/20 21:51
S477	31	S471 AND S476	US-PGPUB; USPAT	OR	ON	2013/09/20 21:51
S478	21198	713/168,171.ccls. OR 370/338.ccls.	US-PGPUB; USPAT	OR	ON	2013/09/20 21:52
S479	664	digest SAME first SAME second SAME encrypt$5	US-PGPUB; USPAT	OR	ON	2013/09/20 21:52
S480	168	(digest SAME first SAME second SAME encrypt$5).clm.	US-PGPUB; USPAT	OR	ON	2013/09/20 21:52
S481	33	S478 AND S480	US-PGPUB; USPAT	OR	ON	2013/09/20 21:52
S482	568	((hash OR digest) SAME first SAME second SAME encrypt$5 SAME secret)	US-PGPUB; USPAT	OR	ON	2013/09/20 21:52
S483	157	((hash OR digest) SAME first SAME second SAME encrypt$5 SAME secret).clm.	US-PGPUB; USPAT	OR	ON	2013/09/20 21:52
S484	31	S478 AND S483	US-PGPUB; USPAT	OR	ON	2013/09/20 21:52
S485	21198	713/168,171.ccls. OR 370/338.ccls.	US-PGPUB; USPAT	OR	ON	2013/09/20 21:52
S486	664	digest SAME first SAME second SAME encrypt$5	US-PGPUB; USPAT	OR	ON	2013/09/20 21:52
S487	168	(digest SAME first SAME second SAME encrypt$5).clm.	US-PGPUB; USPAT	OR	ON	2013/09/20 21:52
S488	33	S485 AND S487	US-PGPUB; USPAT	OR	ON	2013/09/20 21:52
S489	568	((hash OR digest) SAME first SAME second SAME encrypt$5 SAME secret)	US-PGPUB; USPAT	OR	ON	2013/09/20 21:52
S490	157	((hash OR digest) SAME first SAME second SAME encrypt$5 SAME secret).clm.	US-PGPUB; USPAT	OR	ON	2013/09/20 21:52
S491	31	S485 AND S490	US-PGPUB; USPAT	OR	ON	2013/09/20 21:52
S931	67	((hash OR digest OR checksum) SAME algorithm SAME encrypt$5 SAME secret).clm.	US-PGPUB; USPAT	OR	ON	2014/01/29 10:23
S932	67	((hash OR digest OR checksum) SAME algorithm SAME (scrambl$5 OR encipher$5 OR encypher$5 OR encrypt$5) SAME secret).clm.	US-PGPUB; USPAT	OR	ON	2014/01/29 10:24
S933	79	((hash OR digest OR checksum) SAME	US-	OR	ON	2014/01/29

		algorithm SAME (scrambl$5 OR encipher$5 OR encypher$5 OR encrypt$5) SAME key SAME communicat$5).clm.	PGPUB; USPAT			10:52
S934	22434	713/168,171.ccls. OR 370/338.ccls.	US-PGPUB; USPAT	OR	ON	2014/01/29 10:53
S936	31	(S932 OR S933) AND S934	US-PGPUB; USPAT	OR	ON	2014/01/29 10:54
S937	28296	713/168,169,171,181,189.ccls. OR 370/338.ccls.	US-PGPUB; USPAT	OR	ON	2014/01/29 11:30
S938	43	(S932 OR S933) AND S937	US-PGPUB; USPAT	OR	ON	2014/01/29 11:30
S939	12	S938 NOT S936	US-PGPUB; USPAT	OR	ON	2014/01/29 11:30
S941	22434	713/168,171.ccls. OR 370/338.ccls.	US-PGPUB; USPAT	OR	ON	2014/01/29 12:29
S942	690	digest SAME first SAME second SAME encrypt$5	US-PGPUB; USPAT	OR	ON	2014/01/29 12:29
S943	176	(digest SAME first SAME second SAME encrypt$5).clm.	US-PGPUB; USPAT	OR	ON	2014/01/29 12:29
S944	33	S934 AND S943	US-PGPUB; USPAT	OR	ON	2014/01/29 12:29
S945	587	((hash OR digest) SAME first SAME second SAME encrypt$5 SAME secret)	US-PGPUB; USPAT	OR	ON	2014/01/29 12:29
S946	164	((hash OR digest) SAME first SAME second SAME encrypt$5 SAME secret).clm.	US-PGPUB; USPAT	OR	ON	2014/01/29 12:29
S947	33	S934 AND S946	US-PGPUB; USPAT	OR	ON	2014/01/29 12:29
S948	22434	713/168,171.ccls. OR 370/338.ccls.	US-PGPUB; USPAT	OR	ON	2014/01/29 12:29
S949	690	digest SAME first SAME second SAME encrypt$5	US-PGPUB; USPAT	OR	ON	2014/01/29 12:29
S950	176	(digest SAME first SAME second SAME encrypt$5).clm.	US-PGPUB; USPAT	OR	ON	2014/01/29 12:29
S951	33	S948 AND S950	US-PGPUB; USPAT	OR	ON	2014/01/29 12:29
S952	587	((hash OR digest) SAME first SAME second SAME encrypt$5 SAME secret)	US-PGPUB; USPAT	OR	ON	2014/01/29 12:29
S953	164	((hash OR digest) SAME first SAME second SAME encrypt$5 SAME secret).clm.	US-PGPUB; USPAT	OR	ON	2014/01/29 12:29

S954	33	S948 AND S953	US-PGPUB; USPAT	OR	ON	2014/01/29 12:29
S955	22434	713/168,171.ccls. OR 370/338.ccls.	US-PGPUB; USPAT	OR	ON	2014/01/29 12:29
S956	690	digest SAME first SAME second SAME encrypt$5	US-PGPUB; USPAT	OR	ON	2014/01/29 12:29
S957	176	(digest SAME first SAME second SAME encrypt$5).clm.	US-PGPUB; USPAT	OR	ON	2014/01/29 12:29
S958	33	S955 AND S957	US-PGPUB; USPAT	OR	ON	2014/01/29 12:29
S959	587	((hash OR digest) SAME first SAME second SAME encrypt$5 SAME secret)	US-PGPUB; USPAT	OR	ON	2014/01/29 12:29
S960	164	((hash OR digest) SAME first SAME second SAME encrypt$5 SAME secret).clm.	US-PGPUB; USPAT	OR	ON	2014/01/29 12:29
S961	33	S955 AND S960	US-PGPUB; USPAT	OR	ON	2014/01/29 12:29
S962	22434	713/168,171.ccls. OR 370/338.ccls.	US-PGPUB; USPAT	OR	ON	2014/01/29 12:29
S963	690	digest SAME first SAME second SAME encrypt$5	US-PGPUB; USPAT	OR	ON	2014/01/29 12:29
S964	176	(digest SAME first SAME second SAME encrypt$5).clm.	US-PGPUB; USPAT	OR	ON	2014/01/29 12:29
S965	33	S962 AND S964	US-PGPUB; USPAT	OR	ON	2014/01/29 12:29
S966	587	((hash OR digest) SAME first SAME second SAME encrypt$5 SAME secret)	US-PGPUB; USPAT	OR	ON	2014/01/29 12:29
S967	164	((hash OR digest) SAME first SAME second SAME encrypt$5 SAME secret).clm.	US-PGPUB; USPAT	OR	ON	2014/01/29 12:29
S968	33	S962 AND S967	US-PGPUB; USPAT	OR	ON	2014/01/29 12:29
S969	22434	713/168,171.ccls. OR 370/338.ccls.	US-PGPUB; USPAT	OR	ON	2014/01/29 12:29
S970	690	digest SAME first SAME second SAME encrypt$5	US-PGPUB; USPAT	OR	ON	2014/01/29 12:29
S971	176	(digest SAME first SAME second SAME encrypt$5).clm.	US-PGPUB; USPAT	OR	ON	2014/01/29 12:29
S972	33	S969 AND S971	US-PGPUB; USPAT	OR	ON	2014/01/29 12:29

S973	587	((hash OR digest) SAME first SAME second SAME encrypt$5 SAME secret)	US-PGPUB; USPAT	OR	ON	2014/01/29 12:29
S974	164	((hash OR digest) SAME first SAME second SAME encrypt$5 SAME secret).clm.	US-PGPUB; USPAT	OR	ON	2014/01/29 12:29
S975	33	S969 AND S974	US-PGPUB; USPAT	OR	ON	2014/01/29 12:29
S976	22434	713/168,171.ccls. OR 370/338.ccls.	US-PGPUB; USPAT	OR	ON	2014/01/29 12:29
S977	690	digest SAME first SAME second SAME encrypt$5	US-PGPUB; USPAT	OR	ON	2014/01/29 12:29
S978	176	(digest SAME first SAME second SAME encrypt$5).clm.	US-PGPUB; USPAT	OR	ON	2014/01/29 12:29
S979	33	S976 AND S978	US-PGPUB; USPAT	OR	ON	2014/01/29 12:29
S980	587	((hash OR digest) SAME first SAME second SAME encrypt$5 SAME secret)	US-PGPUB; USPAT	OR	ON	2014/01/29 12:29
S981	164	((hash OR digest) SAME first SAME second SAME encrypt$5 SAME secret).clm.	US-PGPUB; USPAT	OR	ON	2014/01/29 12:29
S982	33	S976 AND S981	US-PGPUB; USPAT	OR	ON	2014/01/29 12:29
S983	22434	713/168,171.ccls. OR 370/338.ccls.	US-PGPUB; USPAT	OR	ON	2014/01/29 12:29
S984	690	digest SAME first SAME second SAME encrypt$5	US-PGPUB; USPAT	OR	ON	2014/01/29 12:29
S985	176	(digest SAME first SAME second SAME encrypt$5).clm.	US-PGPUB; USPAT	OR	ON	2014/01/29 12:29
S986	33	S983 AND S985	US-PGPUB; USPAT	OR	ON	2014/01/29 12:29
S987	587	((hash OR digest) SAME first SAME second SAME encrypt$5 SAME secret)	US-PGPUB; USPAT	OR	ON	2014/01/29 12:29
S988	164	((hash OR digest) SAME first SAME second SAME encrypt$5 SAME secret).clm.	US-PGPUB; USPAT	OR	ON	2014/01/29 12:29
S989	33	S983 AND S988	US-PGPUB; USPAT	OR	ON	2014/01/29 12:29
S990	22434	713/168,171.ccls. OR 370/338.ccls.	US-PGPUB; USPAT	OR	ON	2014/01/29 12:29
S991	690	digest SAME first SAME second SAME encrypt$5	US-PGPUB; USPAT	OR	ON	2014/01/29 12:29

S992	176	(digest SAME first SAME second SAME encrypt$5).clm.	US-PGPUB; USPAT	OR	ON	2014/01/29 12:29
S993	33	S990 AND S992	US-PGPUB; USPAT	OR	ON	2014/01/29 12:29
S994	587	((hash OR digest) SAME first SAME second SAME encrypt$5 SAME secret)	US-PGPUB; USPAT	OR	ON	2014/01/29 12:29
S995	164	((hash OR digest) SAME first SAME second SAME encrypt$5 SAME secret).clm.	US-PGPUB; USPAT	OR	ON	2014/01/29 12:29
S996	33	S990 AND S995	US-PGPUB; USPAT	OR	ON	2014/01/29 12:29
S1002	39054	713/168,171,169,181,156,189.ccls. OR 370/338.ccls. OR 709/204.ccls.	US-PGPUB; USPAT	OR	ON	2014/02/07 12:37
S1003	29	((hash OR digest) SAME algorithm SAME first SAME second SAME encrypt$5 SAME secret).clm.	US-PGPUB; USPAT	OR	ON	2014/02/07 13:57
S1004	30	((hash OR digest) SAME (formula OR principle OR algorithm) SAME first SAME second SAME encrypt$5 SAME secret).clm.	US-PGPUB; USPAT	OR	ON	2014/02/07 13:58
S1005	13	S1002 AND S1004	US-PGPUB; USPAT	OR	ON	2014/02/07 13:58
S1881	33207	713/168,171,169,181,156,189.ccls. OR 370/338.ccls. OR 709/204.ccls. OR ((H04L2463/101 OR H04L2209/60 OR G06F21/6218,602,60,62,6209 OR G06F2221/2123).CPC.)	USPAT	OR	ON	2015/05/29 13:03
S1883	0	(((decoy OR ghost OR false OR pseudo OR psuedo OR distraction OR fake OR trick) NEAR3 file) SAME name SAME content SAME (digest OR hash)).clm.	USPAT	OR	ON	2015/05/29 13:03
S1884	1	(((decoy OR ghost OR false OR pseudo OR psuedo OR distraction OR fake OR trick)) SAME name SAME content SAME (digest OR hash)).clm.	USPAT	OR	ON	2015/05/29 13:04
S1885	9	(((decoy OR ghost OR false OR pseudo OR psuedo OR distraction OR fake OR trick)) SAME name SAME (digest OR hash)).clm.	USPAT	OR	ON	2015/05/29 13:04
S1886	13	(((decoy OR ghost OR false OR pseudo OR psuedo OR distraction OR fake OR trick)) SAME content SAME (digest OR hash)).clm.	USPAT	OR	ON	2015/05/29 13:04
S1887	6	S1881 AND (S1885 OR S1886)	USPAT	OR	ON	2015/05/29 13:05
S1888	27024	713/168,171.ccls. OR 370/338.ccls.	US-PGPUB; USPAT	OR	ON	2015/05/29 14:07
S1889	805	digest SAME first SAME second SAME encrypt$5	US-PGPUB; USPAT	OR	ON	2015/05/29 14:07
S1890	221	(digest SAME first SAME second SAME	US-	OR	ON	2015/05/29

		encrypt$5).clm.	PGPUB; USPAT			14:07
S1891	40	S1888 AND S1890	US-PGPUB; USPAT	OR	ON	2015/05/29 14:07
S1892	686	((hash OR digest) SAME first SAME second SAME encrypt$5 SAME secret)	US-PGPUB; USPAT	OR	ON	2015/05/29 14:07
S1893	193	((hash OR digest) SAME first SAME second SAME encrypt$5 SAME secret).clm.	US-PGPUB; USPAT	OR	ON	2015/05/29 14:07
S1894	42	S1888 AND S1893	US-PGPUB; USPAT	OR	ON	2015/05/29 14:07
S1895	27024	713/168,171.ccls. OR 370/338.ccls.	US-PGPUB; USPAT	OR	ON	2015/05/29 14:07
S1896	805	digest SAME first SAME second SAME encrypt$5	US-PGPUB; USPAT	OR	ON	2015/05/29 14:07
S1897	221	(digest SAME first SAME second SAME encrypt$5).clm.	US-PGPUB; USPAT	OR	ON	2015/05/29 14:07
S1898	40	S1895 AND S1897	US-PGPUB; USPAT	OR	ON	2015/05/29 14:07
S1899	686	((hash OR digest) SAME first SAME second SAME encrypt$5 SAME secret)	US-PGPUB; USPAT	OR	ON	2015/05/29 14:07
S1900	193	((hash OR digest) SAME first SAME second SAME encrypt$5 SAME secret).clm.	US-PGPUB; USPAT	OR	ON	2015/05/29 14:07
S1901	42	S1895 AND S1900	US-PGPUB; USPAT	OR	ON	2015/05/29 14:07
S1902	27024	713/168,171.ccls. OR 370/338.ccls.	US-PGPUB; USPAT	OR	ON	2015/05/29 14:07
S1903	805	digest SAME first SAME second SAME encrypt$5	US-PGPUB; USPAT	OR	ON	2015/05/29 14:07
S1904	221	(digest SAME first SAME second SAME encrypt$5).clm.	US-PGPUB; USPAT	OR	ON	2015/05/29 14:07
S1905	40	S1902 AND S1904	US-PGPUB; USPAT	OR	ON	2015/05/29 14:07
S1906	686	((hash OR digest) SAME first SAME second SAME encrypt$5 SAME secret)	US-PGPUB; USPAT	OR	ON	2015/05/29 14:07
S1907	193	((hash OR digest) SAME first SAME second SAME encrypt$5 SAME secret).clm.	US-PGPUB; USPAT	OR	ON	2015/05/29 14:07
S1908	42	S1902 AND S1907	US-PGPUB; USPAT	OR	ON	2015/05/29 14:07
S1909	27024	713/168,171.ccls. OR 370/338.ccls.	US-	OR	ON	2015/05/29

			PGPUB; USPAT			14:07
S1910	805	digest SAME first SAME second SAME encrypt$5	US-PGPUB; USPAT	OR	ON	2015/05/29 14:07
S1911	221	(digest SAME first SAME second SAME encrypt$5).clm.	US-PGPUB; USPAT	OR	ON	2015/05/29 14:07
S1912	40	S1909 AND S1911	US-PGPUB; USPAT	OR	ON	2015/05/29 14:07
S1913	686	((hash OR digest) SAME first SAME second SAME encrypt$5 SAME secret)	US-PGPUB; USPAT	OR	ON	2015/05/29 14:07
S1914	193	((hash OR digest) SAME first SAME second SAME encrypt$5 SAME secret).clm.	US-PGPUB; USPAT	OR	ON	2015/05/29 14:07
S1915	42	S1909 AND S1914	US-PGPUB; USPAT	OR	ON	2015/05/29 14:07
S1916	27024	713/168,171.ccls. OR 370/338.ccls.	US-PGPUB; USPAT	OR	ON	2015/05/29 14:07
S1917	805	digest SAME first SAME second SAME encrypt$5	US-PGPUB; USPAT	OR	ON	2015/05/29 14:07
S1918	221	(digest SAME first SAME second SAME encrypt$5).clm.	US-PGPUB; USPAT	OR	ON	2015/05/29 14:07
S1919	40	S1916 AND S1918	US-PGPUB; USPAT	OR	ON	2015/05/29 14:07
S1920	686	((hash OR digest) SAME first SAME second SAME encrypt$5 SAME secret)	US-PGPUB; USPAT	OR	ON	2015/05/29 14:07
S1921	193	((hash OR digest) SAME first SAME second SAME encrypt$5 SAME secret).clm.	US-PGPUB; USPAT	OR	ON	2015/05/29 14:07
S1922	42	S1916 AND S1921	US-PGPUB; USPAT	OR	ON	2015/05/29 14:07
S1923	27024	713/168,171.ccls. OR 370/338.ccls.	US-PGPUB; USPAT	OR	ON	2015/05/29 14:07
S1924	805	digest SAME first SAME second SAME encrypt$5	US-PGPUB; USPAT	OR	ON	2015/05/29 14:07
S1925	221	(digest SAME first SAME second SAME encrypt$5).clm.	US-PGPUB; USPAT	OR	ON	2015/05/29 14:07
S1926	40	S1923 AND S1925	US-PGPUB; USPAT	OR	ON	2015/05/29 14:07
S1927	686	((hash OR digest) SAME first SAME second SAME encrypt$5 SAME secret)	US-PGPUB; USPAT	OR	ON	2015/05/29 14:07
S1928	193	((hash OR digest) SAME first SAME second	US-	OR	ON	2015/05/29

		SAME encrypt$5 SAME secret).clm.	PGPUB; USPAT			14:07
S1929	42	S1923 AND S1928	US-PGPUB; USPAT	OR	ON	2015/05/29 14:07
S1930	27024	713/168,171.ccls. OR 370/338.ccls.	US-PGPUB; USPAT	OR	ON	2015/05/29 14:07
S1931	805	digest SAME first SAME second SAME encrypt$5	US-PGPUB; USPAT	OR	ON	2015/05/29 14:07
S1932	221	(digest SAME first SAME second SAME encrypt$5).clm.	US-PGPUB; USPAT	OR	ON	2015/05/29 14:07
S1933	40	S1930 AND S1932	US-PGPUB; USPAT	OR	ON	2015/05/29 14:07
S1934	686	((hash OR digest) SAME first SAME second SAME encrypt$5 SAME secret)	US-PGPUB; USPAT	OR	ON	2015/05/29 14:07
S1935	193	((hash OR digest) SAME first SAME second SAME encrypt$5 SAME secret).clm.	US-PGPUB; USPAT	OR	ON	2015/05/29 14:07
S1936	42	S1930 AND S1935	US-PGPUB; USPAT	OR	ON	2015/05/29 14:07
S1937	27024	713/168,171.ccls. OR 370/338.ccls.	US-PGPUB; USPAT	OR	ON	2015/05/29 14:07
S1938	805	digest SAME first SAME second SAME encrypt$5	US-PGPUB; USPAT	OR	ON	2015/05/29 14:07
S1939	221	(digest SAME first SAME second SAME encrypt$5).clm.	US-PGPUB; USPAT	OR	ON	2015/05/29 14:07
S1940	40	S1937 AND S1939	US-PGPUB; USPAT	OR	ON	2015/05/29 14:07
S1941	686	((hash OR digest) SAME first SAME second SAME encrypt$5 SAME secret)	US-PGPUB; USPAT	OR	ON	2015/05/29 14:07
S1942	193	((hash OR digest) SAME first SAME second SAME encrypt$5 SAME secret).clm.	US-PGPUB; USPAT	OR	ON	2015/05/29 14:07
S1943	42	S1937 AND S1942	US-PGPUB; USPAT	OR	ON	2015/05/29 14:07
S1944	76	((hash OR digest OR checksum) SAME algorithm SAME encrypt$5 SAME secret).clm.	US-PGPUB; USPAT	OR	ON	2015/05/29 14:09
S1945	76	((hash OR digest OR checksum) SAME algorithm SAME (scrambl$5 OR encipher$5 OR encypher$5 OR encrypt$5) SAME secret).clm.	US-PGPUB; USPAT	OR	ON	2015/05/29 14:09
S1946	94	((hash OR digest OR checksum) SAME algorithm SAME (scrambl$5 OR encipher$5 OR encypher$5 OR encrypt$5)	US-PGPUB; USPAT	OR	ON	2015/05/29 14:09

		SAME key SAME communicat$5).clm.				
S1947	27024	713/168,171.ccls. OR 370/338.ccls.	US-PGPUB; USPAT	OR	ON	2015/05/29 14:09
S1948	36	(S1945 OR S1946) AND S1947	US-PGPUB; USPAT	OR	ON	2015/05/29 14:09
S1949	33975	713/168,169,171,181,189.ccls. OR 370/338.ccls.	US-PGPUB; USPAT	OR	ON	2015/05/29 14:09
S1950	53	(S1945 OR S1946) AND S1949	US-PGPUB; USPAT	OR	ON	2015/05/29 14:09
S1951	17	S1950 NOT S1948	US-PGPUB; USPAT	OR	ON	2015/05/29 14:09
S1952	27024	713/168,171.ccls. OR 370/338.ccls.	US-PGPUB; USPAT	OR	ON	2015/05/29 14:09
S1953	805	digest SAME first SAME second SAME encrypt$5	US-PGPUB; USPAT	OR	ON	2015/05/29 14:09
S1954	221	(digest SAME first SAME second SAME encrypt$5).clm.	US-PGPUB; USPAT	OR	ON	2015/05/29 14:09
S1955	40	S1947 AND S1954	US-PGPUB; USPAT	OR	ON	2015/05/29 14:09
S1956	686	((hash OR digest) SAME first SAME second SAME encrypt$5 SAME secret)	US-PGPUB; USPAT	OR	ON	2015/05/29 14:09
S1957	193	((hash OR digest) SAME first SAME second SAME encrypt$5 SAME secret).clm.	US-PGPUB; USPAT	OR	ON	2015/05/29 14:09
S1958	42	S1947 AND S1957	US-PGPUB; USPAT	OR	ON	2015/05/29 14:09
S1959	27024	713/168,171.ccls. OR 370/338.ccls.	US-PGPUB; USPAT	OR	ON	2015/05/29 14:09
S1960	805	digest SAME first SAME second SAME encrypt$5	US-PGPUB; USPAT	OR	ON	2015/05/29 14:09
S1961	221	(digest SAME first SAME second SAME encrypt$5).clm.	US-PGPUB; USPAT	OR	ON	2015/05/29 14:09
S1962	40	S1959 AND S1961	US-PGPUB; USPAT	OR	ON	2015/05/29 14:09
S1963	686	((hash OR digest) SAME first SAME second SAME encrypt$5 SAME secret)	US-PGPUB; USPAT	OR	ON	2015/05/29 14:09
S1964	193	((hash OR digest) SAME first SAME second SAME encrypt$5 SAME secret).clm.	US-PGPUB; USPAT	OR	ON	2015/05/29 14:09
S1965	42	S1959 AND S1964	US-PGPUB;	OR	ON	2015/05/29 14:09

			USPAT			
S1966	27024	713/168,171.ccls. OR 370/338.ccls.	US-PGPUB; USPAT	OR	ON	2015/05/29 14:09
S1967	805	digest SAME first SAME second SAME encrypt$5	US-PGPUB; USPAT	OR	ON	2015/05/29 14:09
S1968	221	(digest SAME first SAME second SAME encrypt$5).clm.	US-PGPUB; USPAT	OR	ON	2015/05/29 14:09
S1969	40	S1966 AND S1968	US-PGPUB; USPAT	OR	ON	2015/05/29 14:09
S1970	686	((hash OR digest) SAME first SAME second SAME encrypt$5 SAME secret)	US-PGPUB; USPAT	OR	ON	2015/05/29 14:09
S1971	193	((hash OR digest) SAME first SAME second SAME encrypt$5 SAME secret).clm.	US-PGPUB; USPAT	OR	ON	2015/05/29 14:09
S1972	42	S1966 AND S1971	US-PGPUB; USPAT	OR	ON	2015/05/29 14:09
S1973	27024	713/168,171.ccls. OR 370/338.ccls.	US-PGPUB; USPAT	OR	ON	2015/05/29 14:09
S1974	805	digest SAME first SAME second SAME encrypt$5	US-PGPUB; USPAT	OR	ON	2015/05/29 14:09
S1975	221	(digest SAME first SAME second SAME encrypt$5).clm.	US-PGPUB; USPAT	OR	ON	2015/05/29 14:09
S1976	40	S1973 AND S1975	US-PGPUB; USPAT	OR	ON	2015/05/29 14:09
S1977	686	((hash OR digest) SAME first SAME second SAME encrypt$5 SAME secret)	US-PGPUB; USPAT	OR	ON	2015/05/29 14:09
S1978	193	((hash OR digest) SAME first SAME second SAME encrypt$5 SAME secret).clm.	US-PGPUB; USPAT	OR	ON	2015/05/29 14:09
S1979	42	S1973 AND S1978	US-PGPUB; USPAT	OR	ON	2015/05/29 14:09
S1980	27024	713/168,171.ccls. OR 370/338.ccls.	US-PGPUB; USPAT	OR	ON	2015/05/29 14:09
S1981	805	digest SAME first SAME second SAME encrypt$5	US-PGPUB; USPAT	OR	ON	2015/05/29 14:09
S1982	221	(digest SAME first SAME second SAME encrypt$5).clm.	US-PGPUB; USPAT	OR	ON	2015/05/29 14:09
S1983	40	S1980 AND S1982	US-PGPUB; USPAT	OR	ON	2015/05/29 14:09
S1984	686	((hash OR digest) SAME first SAME second SAME encrypt$5 SAME secret)	US-PGPUB;	OR	ON	2015/05/29 14:09

			USPAT			
S1985	193	((hash OR digest) SAME first SAME second SAME encrypt$5 SAME secret).clm.	US-PGPUB; USPAT	OR	ON	2015/05/29 14:09
S1986	42	S1980 AND S1985	US-PGPUB; USPAT	OR	ON	2015/05/29 14:09
S1987	27024	713/168,171.ccls. OR 370/338.ccls.	US-PGPUB; USPAT	OR	ON	2015/05/29 14:09
S1988	805	digest SAME first SAME second SAME encrypt$5	US-PGPUB; USPAT	OR	ON	2015/05/29 14:09
S1989	221	(digest SAME first SAME second SAME encrypt$5).clm.	US-PGPUB; USPAT	OR	ON	2015/05/29 14:09
S1990	40	S1987 AND S1989	US-PGPUB; USPAT	OR	ON	2015/05/29 14:09
S1991	686	((hash OR digest) SAME first SAME second SAME encrypt$5 SAME secret)	US-PGPUB; USPAT	OR	ON	2015/05/29 14:09
S1992	193	((hash OR digest) SAME first SAME second SAME encrypt$5 SAME secret).clm.	US-PGPUB; USPAT	OR	ON	2015/05/29 14:09
S1993	42	S1987 AND S1992	US-PGPUB; USPAT	OR	ON	2015/05/29 14:09
S1994	27024	713/168,171.ccls. OR 370/338.ccls.	US-PGPUB; USPAT	OR	ON	2015/05/29 14:09
S1995	805	digest SAME first SAME second SAME encrypt$5	US-PGPUB; USPAT	OR	ON	2015/05/29 14:09
S1996	221	(digest SAME first SAME second SAME encrypt$5).clm.	US-PGPUB; USPAT	OR	ON	2015/05/29 14:09
S1997	40	S1994 AND S1996	US-PGPUB; USPAT	OR	ON	2015/05/29 14:09
S1998	686	((hash OR digest) SAME first SAME second SAME encrypt$5 SAME secret)	US-PGPUB; USPAT	OR	ON	2015/05/29 14:09
S1999	193	((hash OR digest) SAME first SAME second SAME encrypt$5 SAME secret).clm.	US-PGPUB; USPAT	OR	ON	2015/05/29 14:09
S2000	42	S1994 AND S1999	US-PGPUB; USPAT	OR	ON	2015/05/29 14:09
S2001	27024	713/168,171.ccls. OR 370/338.ccls.	US-PGPUB; USPAT	OR	ON	2015/05/29 14:09
S2002	805	digest SAME first SAME second SAME encrypt$5	US-PGPUB; USPAT	OR	ON	2015/05/29 14:09
S2003	221	(digest SAME first SAME second SAME encrypt$5).clm.	US-PGPUB;	OR	ON	2015/05/29 14:09

			USPAT			
S2004	40	S2001 AND S2003	US-PGPUB; USPAT	OR	ON	2015/05/29 14:09
S2005	686	((hash OR digest) SAME first SAME second SAME encrypt$5 SAME secret)	US-PGPUB; USPAT	OR	ON	2015/05/29 14:09
S2008	3	"Term Removed" or "Term Removed"	US-PGPUB; USPAT	OR	OFF	2015/06/01 05:41
S2009	12534	((H04L9/0869 OR H04L9/3236 OR H04L2209/603 OR H04L63/0428 OR H04L9/0643 OR G06F17/30011 OR G06F17/3012 OR G06F21/6209 OR G06F21/6218 OR G06F21/64).CPC.)	USPAT	OR	OFF	2015/06/01 05:43
S2341	61878	H04L9/0838,16,0869,065.cpc. OR G06F21/602,606.cpc. OR H04L63/0428.cpc. OR 713/168,169,171,181,189.ccls. OR 370/338.ccls. OR 709/204.ccls.	US-PGPUB; USPAT	OR	ON	2016/03/21 10:35
S2342	49	(((extract$5 OR deriv$5) NEAR4 algorithm) NEAR4 (hash OR md$3 OR checksum OR ($3bit NEAR2 result))).clm.	US-PGPUB; USPAT	OR	ON	2016/03/21 10:35
S2343	11	S2341 AND S2342	US-PGPUB; USPAT	OR	ON	2016/03/21 10:36
S2344	50	(((extract$5 OR deriv$5) NEAR4 algorithm) NEAR5 (hash OR md$3 OR checksum OR ($3bit NEAR2 result))).clm.	US-PGPUB; USPAT	OR	ON	2016/03/21 10:38
S2345	1	S2344 NOT S2342	US-PGPUB; USPAT	OR	ON	2016/03/21 10:42
S2346	27869	713/168,171.ccls. OR 370/338.ccls.	US-PGPUB; USPAT	OR	ON	2016/03/21 10:43
S2347	871	digest SAME first SAME second SAME encrypt$5	US-PGPUB; USPAT	OR	ON	2016/03/21 10:43
S2348	237	(digest SAME first SAME second SAME encrypt$5).clm.	US-PGPUB; USPAT	OR	ON	2016/03/21 10:43
S2349	41	S2346 AND S2348	US-PGPUB; USPAT	OR	ON	2016/03/21 10:43
S2350	744	((hash OR digest) SAME first SAME second SAME encrypt$5 SAME secret)	US-PGPUB; USPAT	OR	ON	2016/03/21 10:43
S2351	207	((hash OR digest) SAME first SAME second SAME encrypt$5 SAME secret).clm.	US-PGPUB; USPAT	OR	ON	2016/03/21 10:43
S2352	44	S2346 AND S2351	US-PGPUB; USPAT	OR	ON	2016/03/21 10:43
S2353	27869	713/168,171.ccls. OR 370/338.ccls.	US-PGPUB; USPAT	OR	ON	2016/03/21 10:43

S2354	871	digest SAME first SAME second SAME encrypt$5	US-PGPUB; USPAT	OR	ON	2016/03/21 10:43
S2355	237	(digest SAME first SAME second SAME encrypt$5).clm.	US-PGPUB; USPAT	OR	ON	2016/03/21 10:43
S2356	41	S2353 AND S2355	US-PGPUB; USPAT	OR	ON	2016/03/21 10:43
S2357	744	((hash OR digest) SAME first SAME second SAME encrypt$5 SAME secret)	US-PGPUB; USPAT	OR	ON	2016/03/21 10:43
S2358	207	((hash OR digest) SAME first SAME second SAME encrypt$5 SAME secret).clm.	US-PGPUB; USPAT	OR	ON	2016/03/21 10:43
S2359	44	S2353 AND S2358	US-PGPUB; USPAT	OR	ON	2016/03/21 10:43
S2360	27869	713/168,171.ccls. OR 370/338.ccls.	US-PGPUB; USPAT	OR	ON	2016/03/21 10:43
S2361	871	digest SAME first SAME second SAME encrypt$5	US-PGPUB; USPAT	OR	ON	2016/03/21 10:43
S2362	237	(digest SAME first SAME second SAME encrypt$5).clm.	US-PGPUB; USPAT	OR	ON	2016/03/21 10:43
S2363	41	S2360 AND S2362	US-PGPUB; USPAT	OR	ON	2016/03/21 10:43
S2364	744	((hash OR digest) SAME first SAME second SAME encrypt$5 SAME secret)	US-PGPUB; USPAT	OR	ON	2016/03/21 10:43
S2365	207	((hash OR digest) SAME first SAME second SAME encrypt$5 SAME secret).clm.	US-PGPUB; USPAT	OR	ON	2016/03/21 10:43
S2366	44	S2360 AND S2365	US-PGPUB; USPAT	OR	ON	2016/03/21 10:43
S2367	27869	713/168,171.ccls. OR 370/338.ccls.	US-PGPUB; USPAT	OR	ON	2016/03/21 10:43
S2368	871	digest SAME first SAME second SAME encrypt$5	US-PGPUB; USPAT	OR	ON	2016/03/21 10:43
S2369	237	(digest SAME first SAME second SAME encrypt$5).clm.	US-PGPUB; USPAT	OR	ON	2016/03/21 10:43
S2370	41	S2367 AND S2369	US-PGPUB; USPAT	OR	ON	2016/03/21 10:43
S2371	744	((hash OR digest) SAME first SAME second SAME encrypt$5 SAME secret)	US-PGPUB; USPAT	OR	ON	2016/03/21 10:43
S2372	207	((hash OR digest) SAME first SAME second SAME encrypt$5 SAME secret).clm.	US-PGPUB; USPAT	OR	ON	2016/03/21 10:43

S2373	44	S2367 AND S2372	US-PGPUB; USPAT	OR	ON	2016/03/21 10:43
S2403	27869	713/168,171.ccls. OR 370/338.ccls.	US-PGPUB; USPAT	OR	ON	2016/03/21 11:33
S2404	207	((hash OR digest) SAME first SAME second SAME encrypt$5 SAME secret).clm.	US-PGPUB; USPAT	OR	ON	2016/03/21 11:33
S2405	207	((hash OR digest) SAME first SAME second SAME encrypt$5 SAME secret).clm.	US-PGPUB; USPAT	OR	ON	2016/03/21 11:33
S2406	27869	713/168,171.ccls. OR 370/338.ccls.	US-PGPUB; USPAT	OR	ON	2016/03/21 11:33
S2407	44	S2406 AND S2405	US-PGPUB; USPAT	OR	ON	2016/03/21 11:33
S2408	49053	713/168,171,169,181,156,189.ccls. OR 370/338.ccls. OR 709/204.ccls.	US-PGPUB; USPAT	OR	ON	2016/03/21 11:33
S2409	40	((hash OR digest) SAME algorithm SAME first SAME second SAME encrypt$5 SAME secret).clm.	US-PGPUB; USPAT	OR	ON	2016/03/21 11:33
S2410	41	((hash OR digest) SAME (formula OR principle OR algorithm) SAME first SAME second SAME encrypt$5 SAME secret).clm.	US-PGPUB; USPAT	OR	ON	2016/03/21 11:33
S2411	49053	713/168,171,169,181,156,189.ccls. OR 370/338.ccls. OR 709/204.ccls.	US-PGPUB; USPAT	OR	ON	2016/03/21 11:33
S2412	41	((hash OR digest) SAME (formula OR principle OR algorithm) SAME first SAME second SAME encrypt$5 SAME secret).clm.	US-PGPUB; USPAT	OR	ON	2016/03/21 11:33
S2413	20	S2411 AND S2412	US-PGPUB; USPAT	OR	ON	2016/03/21 11:33
S2414	61878	H04L9/0838,16,0869,065.cpc. OR G06F21/602,606.cpc. OR H04L63/0428.cpc. OR 713/168,169,171,181,189.ccls. OR 370/338.ccls. OR 709/204.ccls.	US-PGPUB; USPAT	OR	ON	2016/03/21 11:34
S2415	49	(((extract$5 OR deriv$5) NEAR4 algorithm) NEAR4 (hash OR md$3 OR checksum OR ($3bit NEAR2 result))).clm.	US-PGPUB; USPAT	OR	ON	2016/03/21 11:36
S2416	11	S2414 AND S2415	US-PGPUB; USPAT	OR	ON	2016/03/21 11:36
S2417	27869	713/168,171.ccls. OR 370/338.ccls.	US-PGPUB; USPAT	OR	ON	2016/03/21 11:36
S2418	237	(digest SAME first SAME second SAME encrypt$5).clm.	US-PGPUB; USPAT	OR	ON	2016/03/21 11:36
S2419	41	S2417 AND S2418	US-	OR	ON	2016/03/21

			PGPUB; USPAT			11:36
S2420	207	((hash OR digest) SAME first SAME second SAME encrypt$5 SAME secret).clm.	US-PGPUB; USPAT	OR	ON	2016/03/21 11:36
S2421	44	S2417 AND S2420	US-PGPUB; USPAT	OR	ON	2016/03/21 11:36
S2422	27869	713/168,171.ccls. OR 370/338.ccls.	US-PGPUB; USPAT	OR	ON	2016/03/21 11:36
S2423	237	(digest SAME first SAME second SAME encrypt$5).clm.	US-PGPUB; USPAT	OR	ON	2016/03/21 11:36
S2424	41	S2422 AND S2423	US-PGPUB; USPAT	OR	ON	2016/03/21 11:36
S2425	207	((hash OR digest) SAME first SAME second SAME encrypt$5 SAME secret).clm.	US-PGPUB; USPAT	OR	ON	2016/03/21 11:36
S2426	44	S2422 AND S2425	US-PGPUB; USPAT	OR	ON	2016/03/21 11:36
S2427	27869	713/168,171.ccls. OR 370/338.ccls.	US-PGPUB; USPAT	OR	ON	2016/03/21 11:36
S2428	237	(digest SAME first SAME second SAME encrypt$5).clm.	US-PGPUB; USPAT	OR	ON	2016/03/21 11:36
S2429	41	S2427 AND S2428	US-PGPUB; USPAT	OR	ON	2016/03/21 11:36
S2430	207	((hash OR digest) SAME first SAME second SAME encrypt$5 SAME secret).clm.	US-PGPUB; USPAT	OR	ON	2016/03/21 11:36
S2431	44	S2427 AND S2430	US-PGPUB; USPAT	OR	ON	2016/03/21 11:36
S2432	27869	713/168,171.ccls. OR 370/338.ccls.	US-PGPUB; USPAT	OR	ON	2016/03/21 11:36
S2433	237	(digest SAME first SAME second SAME encrypt$5).clm.	US-PGPUB; USPAT	OR	ON	2016/03/21 11:36
S2434	41	S2432 AND S2433	US-PGPUB; USPAT	OR	ON	2016/03/21 11:36
S2435	207	((hash OR digest) SAME first SAME second SAME encrypt$5 SAME secret).clm.	US-PGPUB; USPAT	OR	ON	2016/03/21 11:36
S2436	44	S2432 AND S2435	US-PGPUB; USPAT	OR	ON	2016/03/21 11:36
S2437	87	S2416 S2419 S2421 S2424 S2426 S2429 S2431 S2434 S2436	US-PGPUB; USPAT	OR	ON	2016/03/21 11:36
S2438	50	(((extract$5 OR deriv$5) NEAR4	US-	OR	ON	2016/03/21

		algorithm) NEAR5 (hash OR md$3 OR checksum OR ($3bit NEAR2 result))).clm.	PGPUB; USPAT			11:38
S2439	11	S2414 AND S2438	US-PGPUB; USPAT	OR	ON	2016/03/21 11:39
S2448	3111	(file OR directory) SAME unique SAME identifier.clm.	US-PGPUB; USPAT	OR	ON	2016/09/04 20:59
S2449	30	(file OR directory) SAME unique SAME identifier SAME secret.clm.	US-PGPUB; USPAT	OR	ON	2016/09/04 20:59
S2450	10	(file OR directory) SAME unique SAME identifier SAME secret SAME (message OR communication).clm.	US-PGPUB; USPAT	OR	ON	2016/09/04 20:59
S2451	90455	((H04L63/08,0428,20,10 OR H04L9/0861,14,0894 OR G06F21/6209,62 OR h04l2209/24 OR G06F2221/2107).CPC. OR (713/168,193,181,165 OR 726/1,26,17,21,4 OR 380/44,278 OR 709/231).CCLS.)	US-PGPUB; USPAT	OR	ON	2016/09/04 21:36
S2452	15	S2449 AND S2451	US-PGPUB; USPAT	OR	ON	2016/09/04 21:37
S2468	91311	((H04L63/08,0428,20,10 OR H04L9/0861,14,0894 OR G06F21/6209,62 OR h04l2209/24 OR G06F2221/2107).CPC. OR (713/168,193,181,165 OR 726/1,26,17,21,4 OR 380/44,278 OR 709/231).CCLS.)	US-PGPUB; USPAT	OR	ON	2016/09/28 17:10
S2469	45745	((generat$5 OR creat$5 OR calculat$5) NEAR5(secret OR key)).clm.	US-PGPUB; USPAT	OR	ON	2016/09/28 17:10
S2470	124	((store OR storing OR stored) NEAR4 ((secret OR key) NEAR4 (directory))).clm.	US-PGPUB; USPAT	OR	ON	2016/09/28 17:11
S2471	24	S2469 SAME S2470	US-PGPUB; USPAT	OR	ON	2016/09/28 17:11
S2472	12	S2468 AND S2471	US-PGPUB; USPAT	OR	ON	2016/09/28 17:12
S2478	99014	((H04L63/08,0428,20,10 OR H04L9/0861,14,0894 OR G06F21/6209,62 OR h04l2209/24 OR G06F2221/2107).CPC. OR (713/168,193,181,165 OR 726/1,26,17,21,4 OR 380/44,278 OR 709/231).CCLS.)	US-PGPUB; USPAT	OR	ON	2017/07/10 11:54
S2479	477	fielder.in. OR pacid.as.	US-PGPUB; USPAT	OR	ON	2017/07/10 11:55
S2480	133	((credential OR (unique NEAR2 input)) SAME communication SAME secret).clm.	US-PGPUB; USPAT	OR	ON	2017/07/10 11:56
S2481	3	S2480 AND S2479	US-	OR	ON	2017/07/10

			PGPUB; USPAT			11:56
S2484	100258	((H04L63/08,0428,20,10 OR H04L9/0861,14,0894 OR G06F21/6209,62 OR h04l2209/24 OR G06F2221/2107).CPC. OR (713/168,193,181,165 OR 726/1,26,17,21,4 OR 380/44,278 OR 709/231).CCLS.)	US-PGPUB; USPAT	OR	ON	2017/08/20 17:56
S2485	356	((credential OR password) SAME secret SAME (identifier OR ID)).clm.	US-PGPUB; USPAT	OR	ON	2017/08/20 17:57
S2486	151	S2484 AND S2485	US-PGPUB; USPAT	OR	ON	2017/08/20 17:57
S2487	12	((credential OR password) SAME secret SAME (identifier OR ID) SAME (phone)).clm.	US-PGPUB; USPAT	OR	ON	2017/08/20 17:58
S2488	8	S2487 AND S2484	US-PGPUB; USPAT	OR	ON	2017/08/20 17:58
S2489	5	"9577993"	US-PGPUB; USPAT	OR	ON	2017/08/20 23:41

8/ 21/ 2017 12:04:23 AM
C:\ Users\ bshaw\ Documents\ EAST\ Workspaces\ 15399983.wsp

Doc Code: IFEE PTOL/85B-EFS

Document Description: Issue Fee Payment (PTO-85B)

Issue Fee Transmittal Form

Application Number	Filing Date	First Named Inventor	Atty. Docket No.	Confirmation No.
15399983	06-Jan-2017	Guy Fielder	5101-0005-C4	8554

TITLE OF INVENTION :

SYSTEM AND METHOD FOR AUTHENTICATING USERS

Entity Status	Application Type	Art Unit	Class - Subclass	EXAMINER
Small	Utility under 35 USC 111(a)	2491	181000	BRIAN SHAW

Issue Fee Due	Publication Due	Total Fee(s) Due	Date Due	Prev. Paid Fee
$480	$0	$480	15-Dec-2017	$0

1.Change of Correspondence Address and/or Indication Of Fee Address (37 CFR 1.33 & 1.363)

Current Correspondence Address:	Current Indicated Fee Address :
27571 Ascenda Law Group, PC 333 W San Carlos St. Suite 200 San Jose CA 95110 UNITED STATES 408-799-0612 patents@ascendalaw.com	
☐ Change of correspondence address requested, system generated AIA/122-EFS form attached	☐ Fee Address indication requested, system generated SB/47-EFS form attached

2.Entity Status

Change in Entity Status

○ Applicant certifying micro entity status; system generated Micro Entity certification form attached. See 37 CFR 1.29.
Note: Absent a valid certification of micro entity status, issue fee payment in the micro entity amount will not be accepted at the risk of application abandonment. If this box is checked, you will be prompted to choose a micro entity status on the gross income basis (37 CFR 1.29(a)) or the institution of higher education basis (37 CFR 1.29(d)), and make the applicable certification online.

◉ Applicant asserting small entity status. See 37 CFR 1.27.
Note: If the application was previously under micro entity status, checking this box will be taken to be a notification of loss of entitlement to micro entity status.

○ Applicant changing to regular undiscounted fee status.
Note: Checking this box will be taken to be a notification of loss of entitlement to small or micro entity status, as applicable.

Doc Code: IFEE PTOL/85B-EFS

Document Description: Issue Fee Payment (PTO-85B)

3.The Following Fee(s) Are Submitted:

☒ Issue Fee	☐ I authorize USPTO to apply my previously paid issue fee to the current fees due
☐ Publication Fee	☐ The Director is hereby authorized to apply my previously paid issue fee to the current fee due and to charge deficient fees to Deposit Account Number _____
☐ Advance Order - # of copies _____	☒ If **in addition to** the payment of the issue fee amount submitted with this form, there are any discrepancies in any amount(s) due, the Director is authorized to charge any deficiency, or credit any overpayment, to Deposit Account Number 505798 . The **issue fee must be submitted** with this form. **If payment of the issue fee does not accompany this form, checking this box and providing a deposit account number will NOT be effective to satisfy full payment of the fee(s) due.**

4.Firm and/or Attorney Names To Be Printed

NOTE: If no name is listed, no name will be printed
For printing on the patent front page, list to be displayed as entered

1. Ascenda Law Group, PC
2.
3.

5.Assignee Name(s) and Residence Data To Be Printed

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

Name	City	State	Country	Category
PACID TECHNOLOGIES, LLC	Austin	TEXAS	united states	other

6.Signature

I certify, in accordance with 37 CFR 1.4(d)(4) that I am an attorney or agent registered to practice before the Patent and Trademark Office who has filed and has been granted power of attorney in this application. I also certify that this Fee(s) Transmittal form is being transmitted to the USPTO via EFS-WEB on the date indicated below.

Signature	/Tarek N. Fahmi/	**Date**	12-12-2017
Name	Tarek N. Fahmi	**Registration Number**	41402

Electronic Patent Application Fee Transmittal

Application Number:	15399983
Filing Date:	06-Jan-2017
Title of Invention:	SYSTEM AND METHOD FOR AUTHENTICATING USERS
First Named Inventor/Applicant Name:	Guy Fielder
Filer:	Tarek N. Fahmi/Sarah Zizzo
Attorney Docket Number:	5101-0005-C4

Filed as Small Entity

Filing Fees for Utility under 35 USC 111(a)

Description	Fee Code	Quantity	Amount	Sub-Total in USD($)
Basic Filing:				
UTILITY APPL ISSUE FEE	2501	1	480	480
PUBL. FEE- EARLY, VOLUNTARY, OR NORMAL	1504	1	0	0
Pages:				
Claims:				
Miscellaneous-Filing:				
Petition:				
Patent-Appeals-and-Interference:				

Description	Fee Code	Quantity	Amount	Sub-Total in USD($)
Post-Allowance-and-Post-Issuance:				
Extension-of-Time:				
Miscellaneous:				
		Total in USD ($)		**480**

Electronic Acknowledgement Receipt	
EFS ID:	31207293
Application Number:	15399983
International Application Number:	
Confirmation Number:	8554
Title of Invention:	SYSTEM AND METHOD FOR AUTHENTICATING USERS
First Named Inventor/Applicant Name:	Guy Fielder
Customer Number:	27571
Filer:	Tarek N. Fahmi/Sarah Zizzo
Filer Authorized By:	Tarek N. Fahmi
Attorney Docket Number:	5101-0005-C4
Receipt Date:	12-DEC-2017
Filing Date:	06-JAN-2017
Time Stamp:	18:28:29
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	CARD
Payment was successfully received in RAM	$480
RAM confirmation Number	121317INTEFSW18282600
Deposit Account	
Authorized User	
The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows:	

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Issue Fee Payment (PTO-85B)	Web85b.pdf	46026 4f9c188f26344af896920aeeb205da67829c5939	no	2
Warnings:					
Information:					
2	Fee Worksheet (SB06)	fee-info.pdf	32173 d187f4c14c7bbd917b01423c70881ff210949d6a	no	2
Warnings:					
Information:					
		Total Files Size (in bytes):	78199		

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111
If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.
National Stage of an International Application under 35 U.S.C. 371
If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.
New International Application Filed with the USPTO as a Receiving Office
If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

UNITED STATES PATENT AND TRADEMARK OFFICE

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www.uspto.gov

APPLICATION NO.	ISSUE DATE	PATENT NO.	ATTORNEY DOCKET NO.	CONFIRMATION NO.
15/399,983	01/23/2018	9876771	5101-0005-C4	8554

27571 7590 01/03/2018

Ascenda Law Group, PC
333 W San Carlos St.
Suite 200
San Jose, CA 95110

ISSUE NOTIFICATION

The projected patent number and issue date are specified above.

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)
(application filed on or after May 29, 2000)

The Patent Term Adjustment is 0 day(s). Any patent to issue from the above-identified application will include an indication of the adjustment on the front page.

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Application Assistance Unit (AAU) of the Office of Data Management (ODM) at (571)-272-4200.

APPLICANT(s) (Please see PAIR WEB site http://pair.uspto.gov for additional applicants):

Guy Fielder, Austin, TX;
PACID TECHNOLOGIES, LLC, Austin, TX;

The United States represents the largest, most dynamic marketplace in the world and is an unparalleled location for business investment, innovation, and commercialization of new technologies. The USA offers tremendous resources and advantages for those who invest and manufacture goods here. Through SelectUSA, our nation works to encourage and facilitate business investment. To learn more about why the USA is the best country in the world to develop technology, manufacture products, and grow your business, visit SelectUSA.gov.

AO 120 (Rev. 08/10)

TO:	REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK
Mail Stop 8 Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450	

In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filed in the U.S. District Court Eastern District of Texas - Marshall Division on the following

☐ Trademarks or ☑ Patents. (☐ the patent action involves 35 U.S.C. § 292.):

DOCKET NO.	DATE FILED	U.S. DISTRICT COURT
2:18-cv-00133	4/6/2018	Eastern District of Texas - Marshall Division

PLAINTIFF	DEFENDANT
PACID TECHNOLOGIES, LLC	SAMSUNG ELECTRONICS CO., LTD. and SAMSUNG ELECTRONICS AMERICA, INC.

	PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1	9,577,993	2/21/2017	PACid Technologies, LLC
2	9,876,771	1/23/2018	PACid Technologies, LLC
3			
4			
5			

In the above—entitled case, the following patent(s)/ trademark(s) have been included:

DATE INCLUDED	INCLUDED BY ☐ Amendment ☐ Answer ☐ Cross Bill ☐ Other Pleading	
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1		
2		
3		
4		
5		

In the above—entitled case, the following decision has been rendered or judgement issued:

DECISION/JUDGEMENT

CLERK	(BY) DEPUTY CLERK	DATE

Copy 1—Upon initiation of action, mail this copy to Director Copy 3—Upon termination of action, mail this copy to Director
Copy 2—Upon filing document adding patent(s), mail this copy to Director Copy 4—Case file copy

AO 120 (Rev. 08/10)

TO:	REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK
Mail Stop 8 Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450	

In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filed in the U.S. District Court Western District of Texas - Waco Division on the following

☐ Trademarks or ☑ Patents. (☐ the patent action involves 35 U.S.C. § 292.):

DOCKET NO.	DATE FILED	U.S. DISTRICT COURT
6:19cv154	2/14/2019	Western District of Texas - Waco Division

PLAINTIFF	DEFENDANT
PACID TECHNOLOGIES, LLC	GEMALTO, INC.,

PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1 ~~SEE ATTACHED~~		
2 9577993		
3 9876771		
4 10044689		
5 10171433		

In the above—entitled case, the following patent(s)/ trademark(s) have been included:

DATE INCLUDED	INCLUDED BY ☐ Amendment ☐ Answer ☐ Cross Bill ☐ Other Pleading	
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
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In the above—entitled case, the following decision has been rendered or judgement issued:

DECISION/JUDGEMENT

CLERK	(BY) DEPUTY CLERK	DATE
Jeannette J. Clack	L Diaz	2/15/2019

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Copy 2—Upon filing document adding patent(s), mail this copy to Director **Copy 4—Case file copy**

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NUMBER	FILING OR 371(C) DATE	FIRST NAMED APPLICANT	ATTY.DOCKET NO./TITLE	REQUEST ID
15/399,983	01/06/2017	PACID TECHNOLOGIES, LLC	5101-0005-C4	85429

Acknowledgement of Loss of Entitlement to Entity Status Discount

The entity status change request below filed through Private PAIR on 04/10/2019 has been accepted.

CERTIFICATIONS:

Change of Entity Status:

X Applicant changing to regular undiscounted fee status.

NOTE: Checking this box will be taken to be notification of loss of entitlement to small or micro entity status, as applicable.

This portion must be completed by the signatory or signatories making the entity status change in accordance with 37 CFR 1.4(d)(4).

Signature:	/Tarek N. Fahmi/
Name:	Tarek N. Fahmi
Registration Number:	41402

AO 120 (Rev. 08/10)

TO:	REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK
Mail Stop 8 Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450	

In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filed in the U.S. District Court Eastern District of Texas - Marshall Division on the following

☐ Trademarks or ☑ Patents. (☐ the patent action involves 35 U.S.C. § 292.):

DOCKET NO.	DATE FILED	U.S. DISTRICT COURT
2:18-cv-00133	4/6/2018	Eastern District of Texas - Marshall Division

PLAINTIFF	DEFENDANT
PACID TECHNOLOGIES, LLC	SAMSUNG ELECTRONICS CO., LTD. and SAMSUNG ELECTRONICS AMERICA, INC.

	PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1	9,577,993	2/21/2017	PACid Technologies, LLC
2	9,876,771	1/23/2018	PACid Technologies, LLC
3			
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In the above—entitled case, the following patent(s)/ trademark(s) have been included:

DATE INCLUDED	INCLUDED BY ☐ Amendment ☐ Answer ☐ Cross Bill ☐ Other Pleading	
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
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In the above—entitled case, the following decision has been rendered or judgement issued:

DECISION/JUDGEMENT
Defendants Samsung Electronics America, Inc. and Samsung Electronics Co., Ltd. are hereby dismissed with prejudice

CLERK	(BY) DEPUTY CLERK	DATE
David A. O'Toole	CH	11/21/18

Copy 1—Upon initiation of action, mail this copy to Director Copy 3—Upon termination of action, mail this copy to Director
Copy 2—Upon filing document adding patent(s), mail this copy to Director Copy 4—Case file copy

AO 120 (Rev. 08/10)

TO:	REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK
Mail Stop 8 Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450	

In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filed in the U.S. District Court for the Western District of Texas Austin Division on the following

☐ Trademarks or ☑ Patents. (☐ the patent action involves 35 U.S.C. § 292.):

DOCKET NO.	DATE FILED	U.S. DISTRICT COURT
1:23-cv-607	5/30/2023	for the Western District of Texas Austin Division

PLAINTIFF	DEFENDANT
PACID TECHNOLOGIES, LLC	BANK OF AMERICA CORPORATION and BANK OF AMERICA, N.A.

	PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1	9,577,993	2/21/2017	PACid Technologies, LLC
2	9,876,771	1/23/2018	PACid Technologies, LLC
3	10,044,689	8/7/2018	PACid Technologies, LLC
4	10,171,433	1/1/2019	PACid Technologies, LLC
5	10,484,344	11/19/2019	PACid Technologies, LLC

In the above—entitled case, the following patent(s)/ trademark(s) have been included:

DATE INCLUDED	INCLUDED BY ☐ Amendment ☐ Answer ☐ Cross Bill ☐ Other Pleading	
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
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In the above—entitled case, the following decision has been rendered or judgement issued:

DECISION/JUDGEMENT

CLERK	(BY) DEPUTY CLERK	DATE

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Copy 2—Upon filing document adding patent(s), mail this copy to Director Copy 4—Case file copy

AO 120 (Rev. 08/10)

TO:	Mail Stop 8 Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450	REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK

In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filed in the U.S. District Court for the Western District of Texas Austin Division on the following

☐ Trademarks or ☑ Patents. (☐ the patent action involves 35 U.S.C. § 292.):

DOCKET NO. 1:23-cv-607	DATE FILED 5/30/2023	U.S. DISTRICT COURT for the Western District of Texas Austin Division
PLAINTIFF PACID TECHNOLOGIES, LLC		DEFENDANT BANK OF AMERICA CORPORATION and BANK OF AMERICA, N.A.

	PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1	11,070,530	7/20/2021	PACid Technologies, LLC
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In the above—entitled case, the following patent(s)/ trademark(s) have been included:

DATE INCLUDED	INCLUDED BY ☐ Amendment ☐ Answer ☐ Cross Bill ☐ Other Pleading	
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
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In the above—entitled case, the following decision has been rendered or judgement issued:

DECISION/JUDGEMENT

CLERK	(BY) DEPUTY CLERK	DATE
Philip J. Devlin	Cristina Cadena	05/31/2023

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Copy 2—Upon filing document adding patent(s), mail this copy to Director **Copy 4—Case file copy**

AO 120 (Rev. 08/10)

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In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filed in the U.S. District Court for the Western District of Texas Austin Division on the following

☐ Trademarks or ☑ Patents. (☐ the patent action involves 35 U.S.C. § 292.):

DOCKET NO. 1:23-cv-251	DATE FILED 3/7/2023	U.S. DISTRICT COURT for the Western District of Texas Austin Division
PLAINTIFF PACID TECHNOLOGIES, LLC		DEFENDANT BANK OF AMERICA CORPORATION and BANK OF AMERICA, N.A.

	PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1	9,577,993	2/21/2017	PACid Technologies, LLC
2	9,876,771	1/23/2018	PACid Technologies, LLC
3	10,044,689	8/7/2018	PACid Technologies, LLC
4	10,171,433	1/1/2019	PACid Technologies, LLC
5	10,484,344	11/19/2019	PACid Technologies, LLC

In the above—entitled case, the following patent(s)/ trademark(s) have been included:

DATE INCLUDED	INCLUDED BY ☐ Amendment ☐ Answer ☐ Cross Bill ☐ Other Pleading	
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
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In the above—entitled case, the following decision has been rendered or judgement issued:

DECISION/JUDGEMENT

CLERK	(BY) DEPUTY CLERK	DATE

Copy 1—Upon initiation of action, mail this copy to Director Copy 3—Upon termination of action, mail this copy to Director
Copy 2—Upon filing document adding patent(s), mail this copy to Director Copy 4—Case file copy

AO 120 (Rev. 08/10)

TO:	REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK
Mail Stop 8 Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450	

In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filed in the U.S. District Court for the Western District of Texas Austin Division on the following

☐ Trademarks or ☑ Patents. (☐ the patent action involves 35 U.S.C. § 292.):

DOCKET NO. 1:23-cv-251	DATE FILED 3/7/2023	U.S. DISTRICT COURT for the Western District of Texas Austin Division
PLAINTIFF PACID TECHNOLOGIES, LLC		DEFENDANT BANK OF AMERICA CORPORATION and BANK OF AMERICA, N.A.

	PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1	11,070,530	7/20/2021	PACid Technologies, LLC
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In the above—entitled case, the following patent(s)/ trademark(s) have been included:

DATE INCLUDED	INCLUDED BY ☐ Amendment ☐ Answer ☐ Cross Bill ☐ Other Pleading	
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
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In the above—entitled case, the following decision has been rendered or judgement issued:

DECISION/JUDGEMENT
See attached Order Approving Notice of Voluntary Dismissal entered 06/12/2023

CLERK	(BY) DEPUTY CLERK	DATE
Philip J. Devlin	Jay Cicha	06/12/2023

Copy 1—Upon initiation of action, mail this copy to Director Copy 3—Upon termination of action, mail this copy to Director
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UNITED STATES DISTRICT COURT
WESTERN DISTRICT OF TEXAS
AUSTIN DIVISION

PACID TECHNOLOGIES, LLC, *Plaintiff*, vs. BANK OF AMERICA CORPORATION and BANK OF AMERICA, N.A., *Defendants*.	§ § § § § § § § § § § § §	No. 1:23-cv-00251

ORDER APPROVING NOTICE OF VOLUNTARY DISMISSAL

Before the Court is a Notice of Voluntary Dismissal filed by counsel for Plaintiff PACid Technologies, LLC. (Dkt. # 16.) Finding that the notice was filed before Defendants served an answer or a motion for summary judgment, the Court finds that the notice complies with Federal Rule of Civil Procedure 41(a)(1)(A)(i). Accordingly, all claims in the instant suit against Defendants are hereby **DISMISSED WITHOUT PREJUDICE**. The Clerk is **INSTRUCTED TO CLOSE THE CASE**.

IT IS SO ORDERED.

DATED: Austin, Texas, June 12, 2023.

David Alan Ezra
Senior United States District Judge

AO 120 (Rev. 08/10)

TO:	REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK
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DOCKET NO. 1:23-cv-607	DATE FILED 5/30/2023	U.S. DISTRICT COURT for the Western District of Texas Austin Division
PLAINTIFF PACID TECHNOLOGIES, LLC		DEFENDANT BANK OF AMERICA CORPORATION and BANK OF AMERICA, N.A.

	PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
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☐ Trademarks or ☑ Patents. (☐ the patent action involves 35 U.S.C. § 292.):

DOCKET NO. 1:23-cv-607	DATE FILED 5/30/2023	U.S. DISTRICT COURT for the Western District of Texas Austin Division
PLAINTIFF PACID TECHNOLOGIES, LLC		DEFENDANT BANK OF AMERICA CORPORATION and BANK OF AMERICA, N.A.

	PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
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