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(54) DATA SECURITY METHOD AND DEVICE FOR COMPUTER MODULES

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- (21) Appl. No.: 13/649,078
- (22) Filed: Oct. 10, 2012

Related U.S. Patent Documents

Reissue of:

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U.S. Applications:

- (63) Continuation of application No. 13/562,210, filed on Jul. 30, 2012, which is a continuation of application No. 13/294,108, filed on Nov. 10, 2011, now Pat. No. Re. 43,602, which is a continuation of application No. 12/561,138, filed on Sep. 16, 2009, now Pat. No. Re. 42,984, which is a continuation of application No. 11/545,056, filed on Oct. 6, 2006, now Pat. No. Re. 43,171, which is a continuation of application No. 11/056,604, filed on Feb. 10, 2005, now Pat. No. Re. 41,092.
- (51) Int. Cl. G06F 12/00 (2006.01)
- (52) U.S. Cl.

Field of Classification Search

USPC 726/2-9, 16-21, 34, 36; 713/182-183, 713/192–194; 710/1, 7, 8, 15, 20, 22, 100; 712/1, 220

See application file for complete search history.

(56)**References Cited**

U.S. PATENT DOCUMENTS

4,623,964	Α	*	11/1986	Getz et al 705/1				
4,769,764	Α		9/1988	Levanon				
4,799,258	Α		1/1989	Davies				
5,056,141	Α	*	10/1991	Dyke 340/5.27				
5,086,499	Α		2/1992	Mutone				
5,103,446	Α		4/1992	Fischer				
(Continued)								

FOREIGN PATENT DOCUMENTS

EP JP	0722138 A1 6-289953	7/1996 10/1994				
	(Continued)					
	OTHER PUBLICATION					

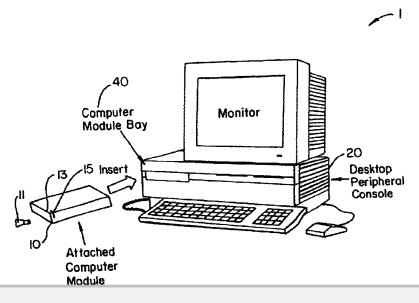
Boosten, "Transmission Overhead and Optimal Packet Size", Mar. 11, 1998, printed on: Jan. 28, 2011, 2 pgs.

Primary Examiner — Hosuk Song (74) Attorney, Agent, or Firm — Cooley LLP

(57)**ABSTRACT**

A security method for an attached computer module in a computer system. The security method reads a security identification number in an attached computer module and compares it to a security identification number in a console, which houses the attached computer module. Based upon a relationship between these numbers, a security status is selected. The security status determines the security level of operating the computer system.

23 Claims, 24 Drawing Sheets





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(56)		Referen	ces Cited			1,637			Krull et al.
U.S. PATENT DOCUMENTS					1,895 1,268		10/2001	Schneider et al.	
			DOCUMENTS			1,522		11/2001	
5,191,58	1 Δ	3/1003	Woodbury et al.			1,335	B1	11/2001	Chu
5,198,80		3/1993			6,324	1,605	B1	11/2001	Rafferty et al.
5,319,77		6/1994				2,180	В1	12/2001	Kauffman et al.
5,463,74		10/1995	Kobayashi			5,330		2/2002	
5,519,84			Moran et al.			5,951			Schmidt
5,539,61			Kikinis			3,009			Pinkston, II et al.
5,546,46		8/1996	Caputo et al.			1,602 3,561			Shoroff et al
5,550,86			Chan et al.			1,124			Yang et al.
5,572,44 5,590,37		11/1996 12/1996				2,790		9/2002	
5,608,60			Flint et al.			3,344		9/2002	Ellsworth et al.
5,623,63			Jones et al.			0,106			Stufflebeam
5,638,52			Buchala et al.						Nobutani et al 710/20
5,640,30	2 A	6/1997							Kim et al 361/683
5,648,76			Ichimura et al.			9,966			Dickens et al.
5,689,65			Kikinis et al.			3,777 3,415		11/2003 4/2004	
5,721,84	2 A	2/1998	Beasley et al.), 4 13			Agneta et al 348/552
5,742,84 5,751,71	0 A *	4/1998 5/1008	Hansen et al 712/21 Sakaue	10		9,981		8/2006	
5,751,71 5,751,95		5/1998				5,446		12/2006	
5,764,92		6/1998				3,297		2/2008	
5,774,70			Williams			3,415		4/2008	
5,815,68			Kikinis			3,416		4/2008	
5,838,93		11/1998				5,779		5/2008	
5,857,08			Zhang et al.			1,076		1/2010	
5,862,38			Advani et al.			1,092 5,624		1/2010 3/2010	
5,878,21			Delagrange et al.			1,294		4/2010	
5,884,04 5,907,56			Atkinson Benson et al.			3,487		10/2010	
5,909,55		6/1999				1,961		11/2010	
5,933,60			Walker et al.		RE42	2,814	E	10/2011	Chu
5,935,22		8/1999				,873		10/2011	
5,941,96		8/1999	Moroz et al.			2,984		11/2011	
5,974,48			Siddappa			3,119		1/2012	
5,978,91			Doi et al.			3,171 1,436		2/2012 7/2012	
5,991,83			Wandler et al.		2001/001			8/2001	
5,999,47			Dutton et al.		2004/017			9/2004	
5,999,95 6,006,24		12/1999	Jenkins et al.		2005/017			8/2005	
6,012,14			Mathers et al.		2005/018	2882	A1	8/2005	Chu
6,025,98			Ayd et al.		2005/019			9/2005	
6,029,18			Jenkins et al.		2005/020			9/2005	
6,038,62			Gale et al.		2005/024			11/2005	
6,046,57			Bovio et al.		2006/026 2008/024			11/2006 10/2008	
6,069,61			Abraham et al.		2008/024			6/2009	
6,070,21		5/2000			2010/017			7/2010	
6,104,92 6,157,53			Cosley et al. Gallagher et al.		2011/020			8/2011	
6,161,15		12/2000							
6,161,52		12/2000	Akbarian et al.			FO	REIG	N PATE	NT DOCUMENTS
6,199,13			Deschepper et al.						
6,202,11	5 B1		Khosrowpour		WO	WO	92/18	924	10/1992
6,202,16	9 B1	3/2001	Razzaghe-Ashrafi et al.		WO		94/00		1/1994
6,216,18		4/2001			WO	WO	95/13	640	5/1995
6,226,70			Wandler et al.						
6,256,68			Khosrowpour		* cited by	OVON	ninar		
6,266,53	эDI	7/2001	raiu0		ched by	CAMI	mer		



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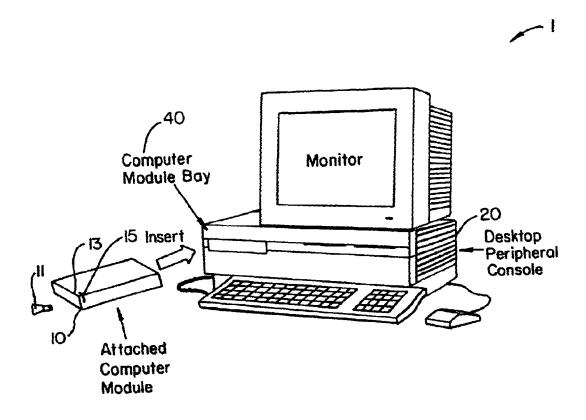


FIG. 1

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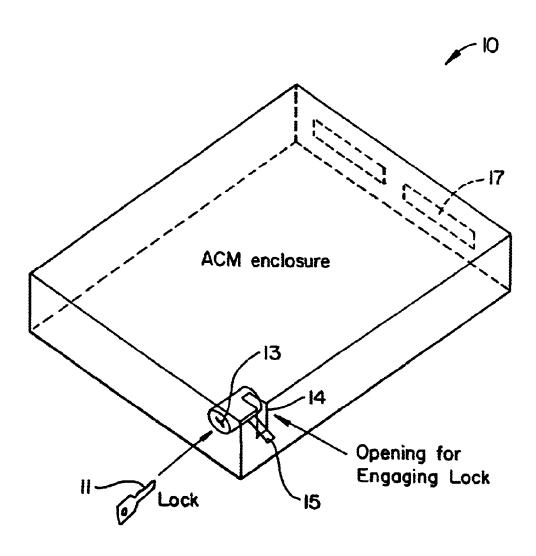


FIG. 2



DOCKET

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