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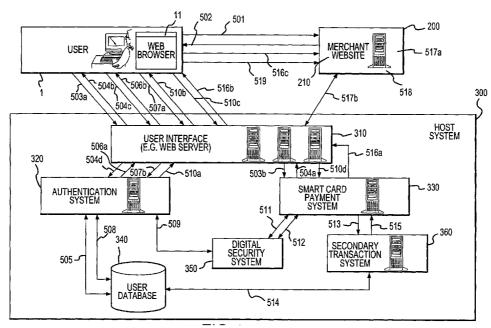
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[Continued on next page]

(54) Title: METHOD FOR PERFORMING SECURE ONLINE PAYMENT TRANSACTIONS



(57) Abstract: An online smart card (330) transaction system facilitates smart card (330) transactions with a merchant (200) over a public network. A host system (300) is configured to accept authentication data (320) from a user via an authentication device (320). The host system (300), after authenticating a user, is configured to retrieve the user's account information from a user database (340) system and translate a user account number into a temporary transaction number. The temporary transaction number is then transmitted directly from the host system (300) to the merchant (200), thereby eliminating the need for the user to send to the merchant over the internet, the user's transaction account number.



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A. CLASSIFICATION OF SUBJECT MATTER IPC(7) : G06F 17/60; H04K 1/00; H04L 9/00 US CL : 705/79				
According to International Patent Classification (IPC) or to both national classification and IPC				
B. FIELDS SEARCHED				
Minimum documentation searched (classification system followed by classification symbols) U.S.: 705/64, 75, 76, 77, 79				
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched				
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) Please See Continuation Sheet				
C. DOCUMENTS CONSIDERED TO BE RELEVANT				
Category *	Citation of document, with indication, where ap		elevant to claim No.	
X	US 5,883,810 (FRANKLIN et al) 16 March 1999 (10	6.03.1999), see entire document.	1-34	
X US 6,000,832 (FRANKLIN et al) 14 December 1999		9 (14.12.1999), see entire document.	1-34	
X,P US 2001/0034720 A1 (ARMES) 25 October 2001 (2:		5.10.2001), see entire document.	1-34	
X,E US 2001/0044787 A1 (SHWARTZ et al) 22 Novemb		per 2001 (22.11.2001), see entire	1-34	
X,E US 2002/0007320 A1 (HOGAN et al) 17 January 200		02 (17.01.2002), see entire document.	1-34	
X,E US 2002/0035548 A1 (HOGAN et al) 21 March 2003		2 (21.03.2002), see entire document.	1-34	
X,E US 2002/0046092 A1 (OSTROFF) 18 April 2002 (18		8.04.2002), see entire document.	1-34	
Further documents are listed in the continuation of Box C.		See patent family annex.		
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INTERNATIONAL SEARCH REPORT

International application No.

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Continuation of Item 4 of the first sheet: Existing title is vague and ambiguous.			
NEW TITLE: METHOD FOR PERFORMING SECURE ONLINE PAYMENT TRANSACTIONS			
Continuation of B. FIELDS SEARCHED Item 3: YAHOO, GOOGLE search terms: secure payment transactions temporary account number authentication merchant smart card			
scarch terms. Secure payment transactions temporary account number authentication incremant smart card			