

1	DIGITAL DATA PROCESSING SYSTEM INITIALIZATION OR CONFIGURATION (E.G., INITIALIZING, SET UP, CONFIGURATION, OR RESETTING)	175	..By generation of certificate
		176	..Authentication by digital signature representation or digital watermark
		177	...Signature tree
2	.Loading initialization program (e.g., booting, rebooting, warm booting, remote booting, BIOS, initial program load (IPL), bootstrapping)	178	...Time stamp
		179	...Including generation of associated coded record
		180	..Generating specific digital signature type (e.g., blind, shared, or undeniable)
100	RECONFIGURATION (E.G., CHANGING SYSTEM SETTING)	181	..Message digest travels with message
150	MULTIPLE COMPUTER COMMUNICATION USING CRYPTOGRAPHY	182	SYSTEM ACCESS CONTROL BASED ON USER IDENTIFICATION BY CRYPTOGRAPHY
151	.Protection at a particular protocol layer		
152	..Application layer security	183	.Solely password entry (no record or token)
153	.Particular node (e.g., gateway, bridge, router, etc.) for directing data and applying cryptography	184	.PIN/password generator device
		185	.Using record or token
		186	..Biometric acquisition
154	..Including filtering based on content or address	187	COMPUTER PROGRAM MODIFICATION DETECTION BY CRYPTOGRAPHY
155	.Central trusted authority provides computer authentication	188	COMPUTER VIRUS DETECTION BY CRYPTOGRAPHY
		189	DATA PROCESSING PROTECTION USING CRYPTOGRAPHY
156	..By certificate		
157	...Chain or hierarchical certificates	190	.Computer instruction/address encryption
158	...Revocation or expiration	191	.Upgrade/install encryption
159	..Including intelligent token	192	.Having separate add-on board
160	.Packet header designating cryptographically protected data	193	.By stored data protection
		194	.Tamper resistant
161	..Data authentication	300	COMPUTER POWER CONTROL
162	..Having particular address related cryptography	310	.By external command
		320	.Power conservation
163	..Multicast	321	..Programmable calculator with power saving feature
164	..Security kernel or utility	322	..By clock speed control (e.g., clock on/off)
165	..File protection		
166	..Security levels	323	..Active/idle mode processing
167	..Object protection	324	..By shutdown of only part of system
168	.Particular communication authentication technique	330	.Power sequencing
169	..Mutual entity authentication	340	.Having power source monitoring
170	..Authentication of an entity and a message	375	SYNCHRONIZATION OF PLURAL PROCESSORS
171	..Having key exchange	400	SYNCHRONIZATION OF CLOCK OR TIMING SIGNALS, DATA, OR PULSES
172	..Intelligent token		
173	...Pre-loaded with certificate		
174	...Including particular multiplication or exponentiation circuit	401	.Using delay
		500	CLOCK, PULSE, OR TIMING SIGNAL GENERATION OR ANALYSIS

- 501 .Multiple or variable intervals
or frequencies
- 502 .Counting, scheduling, or event
timing
- 503 .Correction for skew, phase, or
rate
- 600 **CLOCK CONTROL OF DATA PROCESSING
SYSTEM, COMPONENT, OR DATA
TRANSMISSION**
- 601 .Inhibiting timing generator or
component

FOREIGN ART COLLECTIONSFOR 000 **CLASS-RELATED FOREIGN DOCUMENTS**

Any foreign patents or non-patent literature from subclasses that have been reclassified have been transferred directly to FOR Collections listed below. These Collections contain ONLY foreign patents or non-patent literature. The parenthetical references in the Collection titles refer to the abolished subclasses from which these Collections were derived.

**ELECTRIC SIGNAL MODIFICATION
(E.G., SCRAMBLING) (380/9)**

- FOR 123 .Having cryptographic user or
record actuated authentication
(380/23)
- FOR 125 ..Computer (380/25)
- FOR 400 **SYNCHRONIZATION OF PLURAL
PROCESSORS (709/FOR 158)**