1 **CRYPTANALYSIS**
2 **EQUIPMENT TEST OR MALFUNCTION INDICATION**
200 **VIDEO CRYPTOGRAPHY**
201 .Copy protection or prevention
202 ..Having origin or program ID
203 ..Having copy protect signal
204 ..Modifying sync signal
205 .Video electric signal masking
206 ..Masking of synchronization signal
207 ..Including locally generated masking signal
208 ..Including filter for removing masking signal
209 ..Masking signal selectively addressed
210 .Video electric signal modification (e.g., scrambling)
211 ..Interactive TV
212 ..Plural video stream multiplexing
213 ..Chrominance scrambling
214 ..Nonstandard scan pattern of video information
215 ...Line cut and shuffle
216 ..Image data converted to digital before modification
217 ...Having compression (e.g., MPEG)
218 ..Variable time delay modulation of baseband video signal
219 ..Carrier phase shift
220 ..Carrier frequency conversion
221 ..By modifying synchronizing signal
222 ...Including phase inversion of scan line information
223 ...Key signal on separate carrier
224 ...Including pseudo-synchronizing pulse
225 ...Self-synchronizing circuit at receiver
226 ...Key signal in blanking interval
227 ..Record or coin controlled
228 ...Including key on record
229 ...Including authentication
230 ...Including usage recording
231 ..Usage or charge determination
232 ...Including authentication
233 ...Including usage or charge recording at subscriber station
234 ...Including display of supplemental information
235 ..Phase inversion of scan line information
236 ..Modifying accompanying audio signal
237 ...Including digital audio
238 ...Including frequency modification of audio signal or frequency shifting of audio carrier
239 ..Encrypted code control signal
240 ..Including addressed decoder control signal
241 ...Having program ID or authorization
242 ...Having command signal for receiver
243 **FACSIMILE CRYPTOGRAPHY**
244 .Synchronization
245 .Nonstandard scan pattern
246 .Including generation of an associated coded record
247 **CELLULAR TELEPHONE CRYPTOGRAPHIC AUTHENTICATION**
248 .Visiting center
249 .Initialization
250 .Usage pattern detection
251 **ELECTRONIC GAME USING CRYPTOGRAPHY**
252 **ELECTRIC SIGNAL MASKING**
253 .By signal having discrete frequency component
254 .By signal having discrete step amplitude variation
255 **COMMUNICATION SYSTEM USING CRYPTOGRAPHY**
256 .Fiber optic network
257 .Circuit switched network (e.g., wired telephone)
41 ..Having quantizing and subsequent normalizing of signal (e.g., reentry telephone circuitry)
258 .Position dependent or authenticating
259 .Symmetric key cryptography
260 ..Symmetric key synchronization
261 ...Including frame synchronization

262 ...Transmitting a seed, sequence, or initial value
263 ...Nonlinear or chaotic system
264 ..Key derived from addressable memory element
265 ..Combining outputs of shift register
266 ..Including a modem
267 .Correcting for random appearance of control character code
268 .Pseudo-random sequence scrambling
269 .Having compression
270 .Wireless communication
271 ..Having receiver selection (e.g., pager)
272 ..Including hand-off based cryptographic alteration
273 ..Rekeying system
31 ..Plural modulation of single carrier
32 ...Wobbling of carrier
33 ..Using plural paths or channels
34 ...Plural carrier frequencies
274 ..Synchronization
35 .Variable time delay modulation
36 .Time segment interchange
37 ..Block/data stream enciphering
38 .Frequency shift or inversion
39 ..Having plural band pass filters
40 .Having plural band pass filters
42 .Data stream/substitution enciphering
43 ..Key sequence signal combined with data signal
275 .Speech scrambler detail
276 ..Including sampling
277 **KEY MANAGEMENT**
278 .Key distribution
279 ..Key distribution center
280 ...Control vector or tag
281 ...Using master key (e.g., key-encrypting-key)
282 ...By public key method
283 ..User-to-user key distributed over data link (i.e., no center)
284 ...Using master key (e.g., key-encrypting-key)
285 ...By public key method
286 .Key escrow or recovery
44 .Having particular key generator
45 ..Multiple key level
46 ..Nonlinear (e.g., pseudorandom)
47 ..Plural generators
28 **PARTICULAR ALGORITHMIC FUNCTION ENCODING**
29 .NBS/DES algorithm
30 .Public key
287 **ELECTRIC SIGNAL MODIFICATION**
22 .Having magnetic record carrier (e.g., tape, drum)
26 .Having mechanical control of signal encryption (e.g., cam)
27 ..By perforated record
51 .Having production of printed copy (e.g., printer, typewriter)
52 .Including particular structure or housing (e.g., display, keyboard)
53 ..Audio transducer mounting or structure
54 **BY MODIFYING OPTICAL IMAGE (E.G., TRANSMISSIVE OVERLAY)**
55 **HAVING PRODUCTION OF PRINTED COPY (E.G., CRYPTOGRAPHIC PRINTER OR TYPEWRITER)**
56 **SELECTIVELY MOVABLE ELEMENT HAVING CODE CHARACTERS**
57 .Rotatable
58 ..Characters on peripheral surface (e.g., cylinder section)
59 **MISCELLANEOUS**

FOREIGN ART COLLECTIONS

FOR 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.

FOR 103 **STORED INFORMATION ACCESS OR COPY PREVENTION (380/3)**

FOR 104 .Digital data (e.g., software program protection, data encryption) (380/4)
FOR 105 .Video (380/5)
FOR 106 **ELECTRIC SIGNAL MASKING (380/6)**
FOR 107 .Video (380/7)
FOR 108 .By signal having discrete step amplitude variation (380/8)
FOR 109 **ELECTRIC SIGNAL MODIFICATION (E.G., SCRAMBLING) (380/9)**
FOR 110 .Video (380/10)
FOR 111 ..Variable time delay modulation of baseband video signal (380/11)
FOR 112 ..Carrier phase shift (380/12)
FOR 113 ..Carrier frequency conversion (380/13)
FOR 114 ..Nonstandard scan of video information (380/14)
FOR 115 ..By modifying synchronizing signal (380/15)
FOR 116 ..Record or coin controlled (380/16)
FOR 117 ..Phase inversion of scan line information (380/17)
FOR 118 ..Facsimile (380/18)
FOR 119 ..Encrypting of accompanying audio signal (380/19)
FOR 120 ..Control coding (380/20)
FOR 121 .Having transmission or distribution of key signal (380/21)
FOR 148 .Having particular synchronization or initiation (380/48)
FOR 149 .Having digital signal handling (e.g., digital control, digital computer communication) (380/49)
FOR 150 ..Including shift register or memory (380/50)