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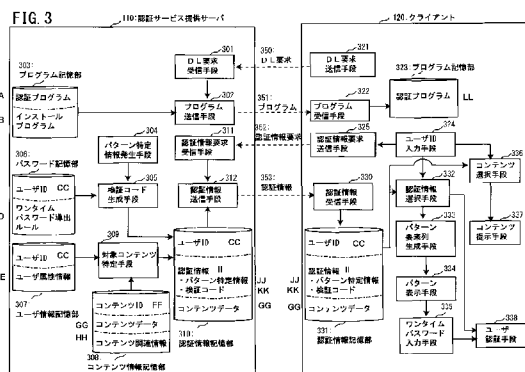
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(54) Title: CONTENT PRESENTATION-TYPE AUTHENTICATION SYSTEM

(54) 発明の名称: コンテンツ提示型認証システム

[図3]



110 AUTHENTICATION SERVICE PROVISION SERVER
120 CLIENT
301 DL REQUEST RECEPTION MEANS
302 PROGRAM TRANSMISSION MEANS
303 PROGRAM STORAGE UNIT
AA AUTHENTICATION PROGRAM
BB INSTALLATION PROGRAM
304 PATTERN SPECIFICATION INFORMATION GENERATION MEANS
305 VERIFICATION CODE GENERATION MEANS
306 PASSWORD STORAGE UNIT
CC USER ID
DD ONE-TIME PASSWORD DERIVATION RULES
EE USER ATTRIBUTE INFORMATION
307 USER INFORMATION STORAGE UNIT
FF CONTENT ID
GG CONTENT DATA
HH CONTENT-RELATED INFORMATION
308 CONTENT INFORMATION STORAGE UNIT
309 CONTENT-TO-BE-PRESENTED SPECIFICATION MEANS
310 AUTHENTICATION INFORMATION STORAGE UNIT
II AUTHENTICATION INFORMATION
JJ PATTERN SPECIFICATION INFORMATION
KK VERIFICATION CODE
311 AUTHENTICATION INFORMATION REQUEST RECEPTION MEANS
312 AUTHENTICATION INFORMATION TRANSMISSION MEANS
321 DL REQUEST TRANSMISSION MEANS
322 PROGRAM RECEPTION MEANS
323 PROGRAM STORAGE UNIT
LL AUTHENTICATION PROGRAM
324 AUTHENTICATION INFORMATION REQUEST TRANSMISSION MEANS
325 AUTHENTICATION INFORMATION SELECTION MEANS
326 PATTERN ELEMENT SEQUENCE GENERATION MEANS
327 PATTERN DISPLAY MEANS
328 ONE-TIME PASSWORD INPUT MEANS
329 CONTENT SELECTION MEANS
330 CONTENT PRESENTATION MEANS
331 USER AUTHENTICATION MEANS
350 DL REQUEST
351 PROGRAM
352 AUTHENTICATION INFORMATION REQUEST
353 AUTHENTICATION INFORMATION

(57) Abstract: Disclosed is a user authentication system for forcing content to be presented to a user. The disclosed content presentation-type authentication system causes a client to perform content presentation-type user authentication by presenting a plurality of pattern elements arranged in a predetermined pattern to a user receiving authentication, using one-time password derivation rules to be applied to the pattern elements of specific positions included in the presented pattern as a password of the user for user authentication, and also forces content to be presented to the user in the user authentication. The content presentation-type authentication system comprises an authentication service provision server for managing a user ID and password of a user, a plurality of content data, and content IDs of each of the plurality of content units, and providing content-added authentication information to the user; and a client comprising a content presentation-type user authentication program and a processor.

(57) 要約:

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