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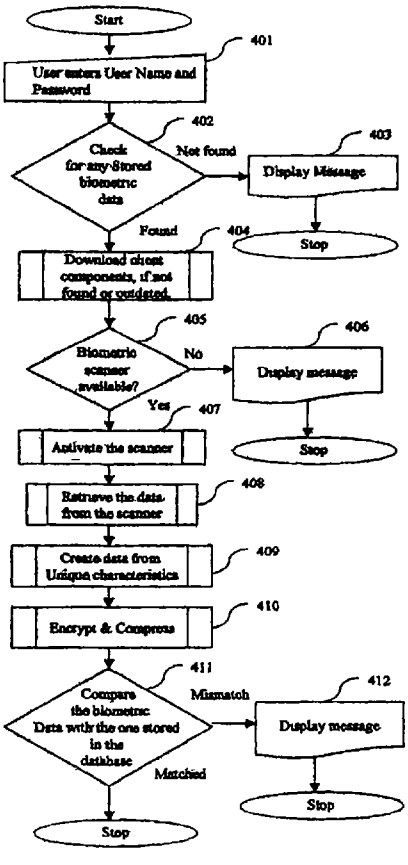
(54) Title: BIOMETRIC VERIFICATION FOR ELECTRONIC TRANSACTIONS OVER THE WEB



(57) Abstract: A security system for electronic commerce for verifying the authenticity of a user including a server authentication program installed in a web-server at a website of a web-service provider, a client software component downloaded and installed at a workstation of the user, the server authentication program being integrated with existing web-applications with the web-service provider and for receiving existing security parameters entered by the user, a biometric scanner activated for identifying characteristics of a biometrics image and for converting the biometrics image into digital data, a device for compressing and encrypting the digital data from the biometric scanner, a device for transmitting the compressed and encrypted data to the web-server, a device for comparing the encrypted data with data stored in a database, and a device for sending status codes of comparison, if comparison is successful, to the web-service provider.

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