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(54) **SCAN TO CONFIDENTIAL PRINT JOB COMMUNICATIONS**

(57) **ABSTRACT**

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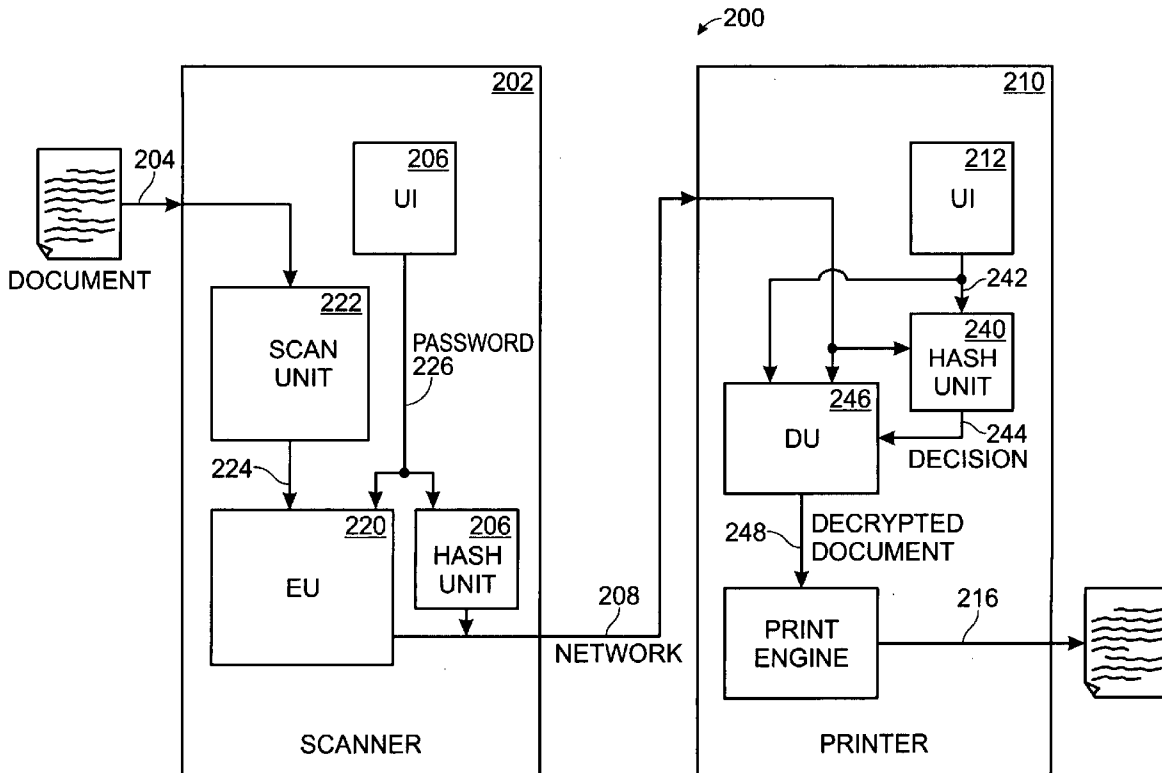
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A system and method are provided for scan to confidential print job communications. The method comprises: at a source, scanning a document; accepting a password; encrypting the scanned document; transmitting the encrypted document with the password, to a network-connected printer; at the printer, accepting the encrypted document and password; accepting an access code at a local interface; comparing the access code to the password; in response to a matching the access code to the password, decrypting the document; and, printing the decrypted document. More specifically, an encryption key is derived from the password as used to encrypt the document, and the source hashes the password. Then, the encrypted document is transmitted with the hashed password. Likewise, the printer hashes the access code; compares the hashed password to the hashed access code; regenerates the encryption key from the access code; and, uses the encryption key to decrypt the encrypted document.



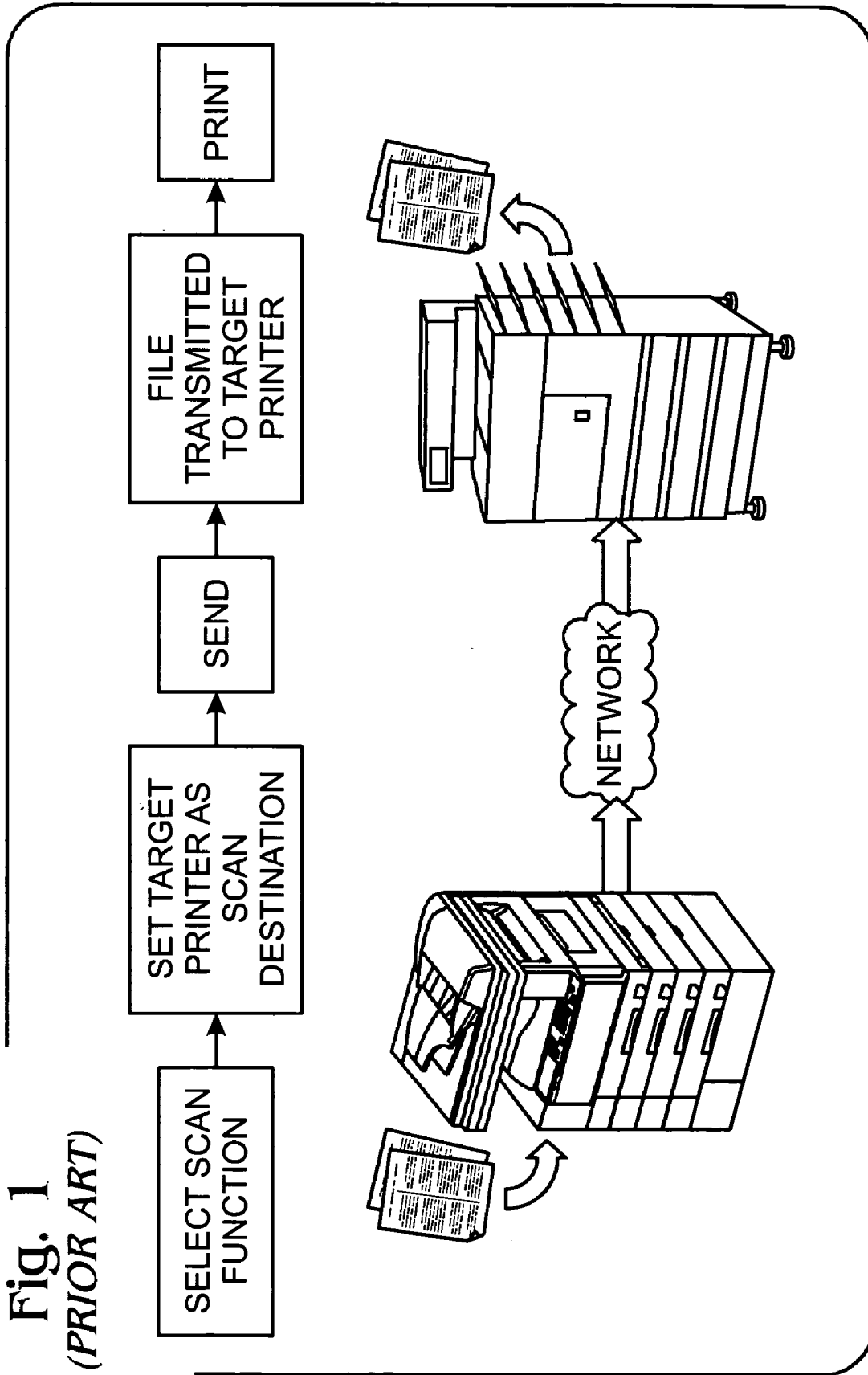


Fig. 1  
(PRIOR ART)

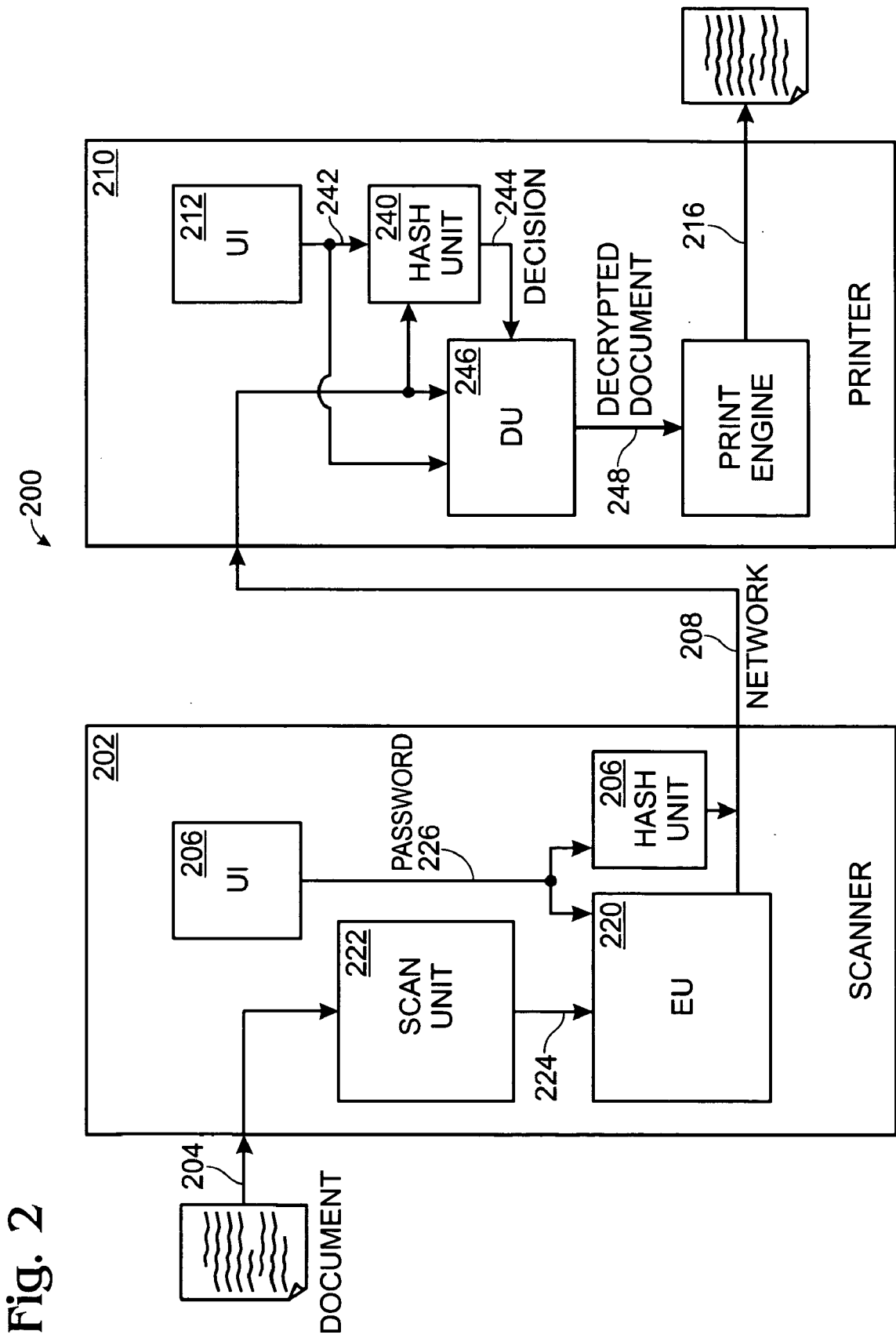


Fig. 2

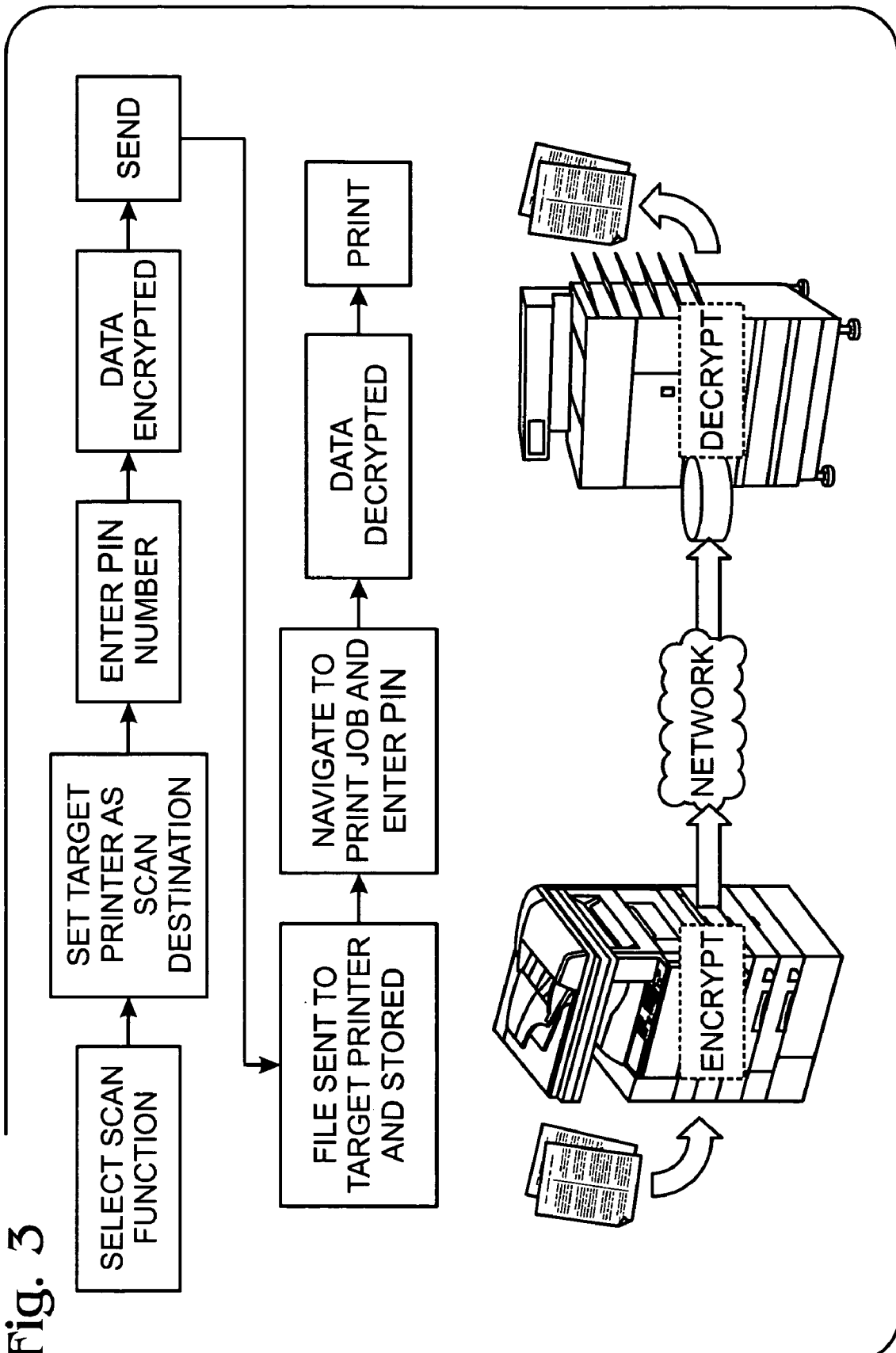
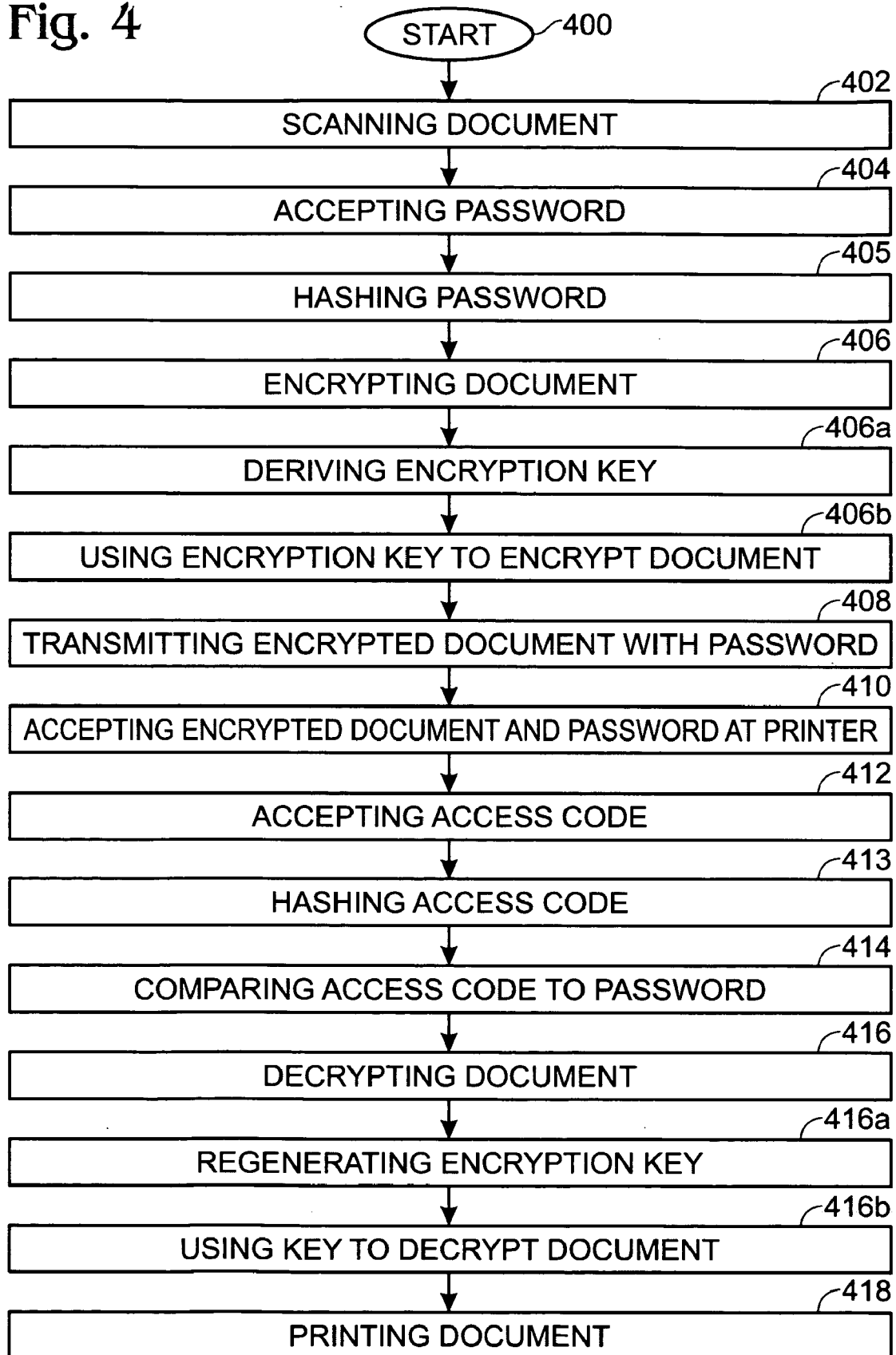


Fig. 4



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