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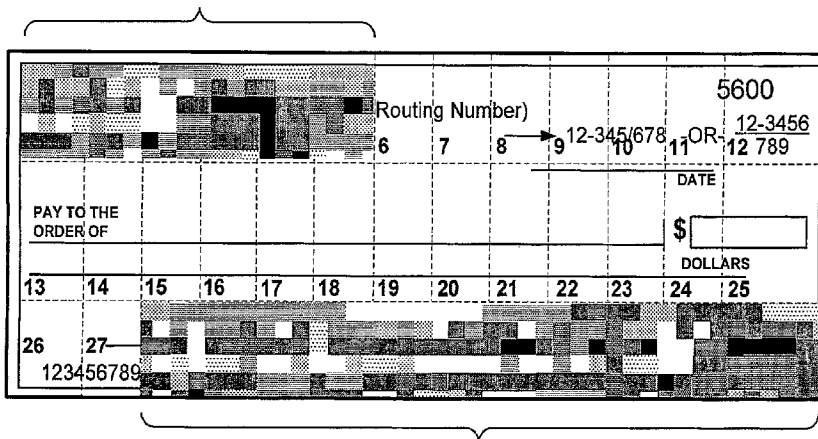
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(54) Title: METHODS AND APPARATUS FOR SECURELY DISPLAYING DIGITAL IMAGES



(57) Abstract: The invention provides methods and apparatus for securing personalized or sensitive information appearing in digital images. Digital images containing information to be secured is processed and divided into a plurality of image cells. At least one image cell from the plurality of image cells is selected and redacted or altered to render the information to be secured with the selected image cells indecipherable. The invention also provides methods and apparatus for redacting information to be secured in a high throughput automated process.

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INTERNATIONAL SEARCH REPORT

International application No.

PCT/US 06/48251

A. CLASSIFICATION OF SUBJECT MATTER

IPC(8) - H04N 1/387 (2007.01)

USPC - 358/452

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC(8): H04N 1/387 (2007.01)

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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

USPC: 358/448, 453, 537 (text search)

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EAST(USPT,PGPB,EPO,JPO,DERWENT); DialogPRO(Engineering); Google

Search terms: grid cell window check document statement personal record secure blocking pixelate blur obscure indecipherable unrecognizable portion cell section part area window region pixel image

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2005/0111054 A1 (UMEDA) 26 May 2005 (26.05.2005), fig 9, 10; para [0029]-[0074]	1-25
A	US 2005/0039034 A1 (DOYLE et al.) 17 February 2005 (17.02.2005), para [0038], [0047]	1, 10, 17
A	US 5,886,334 A (D'ENTREMONT et al.) 23 March 1999 (23.03.1999), abstract	1, 10, 17

Further documents are listed in the continuation of Box C.

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"A" document defining the general state of the art which is not considered to be of particular relevance

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