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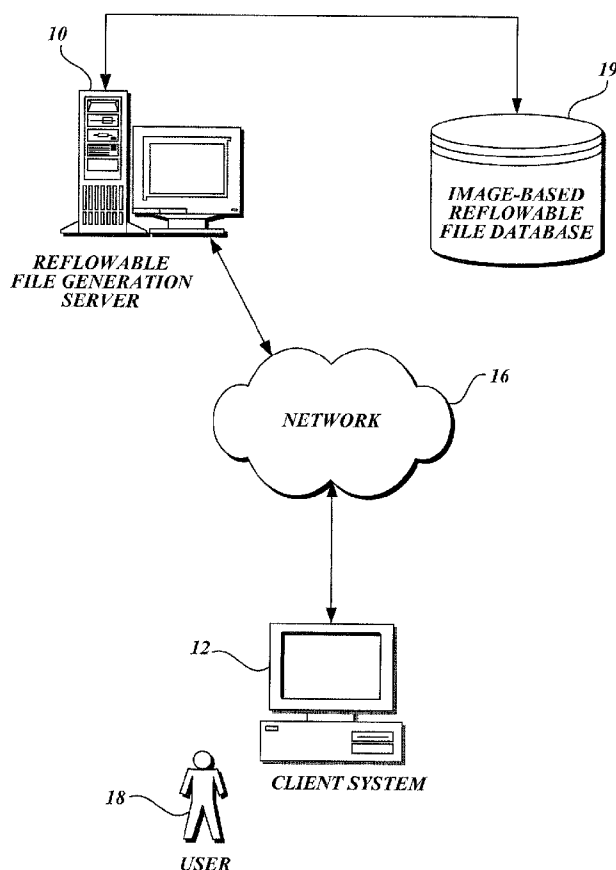
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[Continued on next page]

(54) Title: GENERATING IMAGE-BASED REF LOSABLE FILES FOR RENDERING ON VARIOUS SIZED DISPLAYS



(57) Abstract: A computer-implemented method is provided for creating an image-based reflowable file. The image-based reflowable file is configured to automatically adapt itself to be rendered on various sized displays and windows, by permitting the lines of reflow objects to "reflow" according to the given size of a display or window. The method includes receiving. First, an image of content having reflow objects and identifying bounding regions to enclose a reflow object contained in the image. A reflow object baseline for each of the reflow objects is then identified, and the position of each of the bounding regions containing the reflow objects is determined, relative to the image and also relative to the corresponding reflow object baseline. The size of each of the bounding regions is then determined, for example in terms of width and height, and stored.



European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

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## A. CLASSIFICATION OF SUBJECT MATTER

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USPC - 345/619

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)

USPC: 345/619

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

USPC: 345/418, 581, 619; 382/276 (search term limited)

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

PubWEST(USPAT, USPGPB, EPAB, JPAB); Google; terms including: image, reflow, scan, baseline, size, bounding region, display, computer, text, processor

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2004/0146199 A1 (BERKNER et al.) 29 July 2004 (29.07.2004) para [0032]-[0098], [0169]-[0187].	1-18

☐ Further documents are listed in the continuation of Box C.

## \* Special categories of cited documents:

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"E" earlier application or patent but published on or after the international filing date

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