

figure contained in each page by executing the above processing by the word processing application program 403, thus improving operability.

#### Other Embodiments

[0157] Note that the present invention can be applied to an apparatus comprising a single device or to system constituted by a plurality of devices.

[0158] Furthermore, the invention can be implemented by supplying a software program, which implements the functions of the foregoing embodiments, directly or indirectly to a system or apparatus, reading the supplied program code with a computer of the system or apparatus, and then executing the program code. In this case, so long as the system or apparatus has the functions of the program, the mode of implementation need not rely upon a program.

[0159] Accordingly, since the functions of the present invention are implemented by computer, the program code itself installed in the computer also implements the present invention. In other words, the claims of the present invention also cover a computer program for the purpose of implementing the functions of the present invention.

[0160] In this case, so long as the system or apparatus has the functions of the program, the program may be executed in any form, e.g., as object code, a program executed by an interpreter, or scrip data supplied to an operating system.

[0161] Examples of storage media that can be used for supplying the program are a floppy disk, a hard disk, an optical disk, a magneto-optical disk, a CD-ROM, a CD-R, a CD-RW, a magnetic tape, a non-volatile type memory card, a ROM, and a DVD (DVD-ROM and a DVD-R).

[0162] As for the method of supplying the program, a client computer can be connected to a website on the Internet using a browser of the client computer, and the computer program of the present invention or an automatically-installable compressed file of the program can be downloaded to a recording medium such as a hard disk. Further, the program of the present invention can be supplied by dividing the program code constituting the program into a plurality of files and downloading the files from different websites. In other words, a WWW (World Wide Web) server that downloads, to multiple users, the program files that implement the functions of the present invention by computer is also covered by the claims of the present invention.

[0163] Further, it is also possible to encrypt and store the program of the present invention on a storage medium such as a CD-ROM, distribute the storage medium to users, allow users who meet certain requirements to download decryption key information from a website via the Internet, and allow these users to decrypt the encrypted program by using the key information, whereby the program is installed in the user computer.

[0164] Furthermore, besides the case where the aforesaid functions according to the embodiments are implemented by executing the read program by computer, an operating system or the like running on the computer may perform all or a part of the actual processing so that the functions of the foregoing embodiments can be implemented by this processing.

[0165] Furthermore, after the program read from the storage medium is written to a function expansion board inserted into the computer or to a memory provided in a function expansion unit connected to the computer, a CPU or the like mounted on the function expansion board or function expansion unit performs all or a part of the actual processing so that the functions of the foregoing embodiments can be implemented by this processing.

[0166] While the present invention has been described with reference to exemplary embodiments, it is to be understood that the invention is not limited to the disclosed exemplary embodiments. The scope of the following claims is to be accorded the broadest interpretation so as to encompass all such modifications and equivalent structures and functions.

[0167] This application claims the benefit of Japanese Patent Application No. 2005-265938 filed on Sep. 13, 2005, which is hereby incorporated by reference herein in its entirety.

What is claimed is:

1. A text editing apparatus which edits document data of pages containing objects, comprising:

a display unit adapted to display, on a display, a user interface window including a preview image of a page selected from the document data, and for a plurality of pages contained in the document data, at least one type of a plurality of horizontally projected images obtained by projecting objects contained in the respective pages in a horizontal direction of the pages, and a plurality of vertically projected images obtained by projecting the objects in a vertical direction of the pages;

a selection unit adapted to select one or a plurality of horizontally projected images or vertically projected images displayed by said display unit, and thereby selecting objects corresponding to the selected projected images; and

an editing processing unit adapted to execute editing processing for the selected objects in the user interface window,

wherein said editing processing unit executes the editing processing for an object which is contained in a page different from a page of the preview image while displaying the preview image.

2. The apparatus according to claim 1, further comprising an analysis unit adapted to analyze a position and size of an object contained in each page of the document data,

wherein said display unit creates, for each of the preview image, the horizontally projected image, and the vertically projected image in accordance with an analysis result by said analysis unit, object information including a page in which an object included in the document data is contained, a position in the page, a size, and information representing whether an operator selects the object, and displays the user interface window on the basis of the object information.

3. The apparatus according to claim 1, wherein said editing processing unit performs alignment processing to align a plurality of objects, which are selected in the user interface window and contained in different pages, by using