

whether the exact page is selected without moving his eye from the electronic paper and it does not tax the eyes. Therefore, the user can browse the display-data concentrating his attention to his work.

[0140] Further more, the invention may adopt the following technology as the page selecting means **108**.

[0141] For instance, the display unit **121** of the electronic paper **101** may adopt the digitizer function and the hand-written character recognizing means. That is to say, the desired page number is written on the display unit **121** by a specific writing material or a finger, and the traced position is recognized by the digitizer function. According to the position recognized in this way, the handwritten character recognizing means recognizes the characters. In result, the page number is recognized.

[0142] Otherwise, in case where the electronic paper **101** is provided with a software keyboard function, the function may be utilized as the page selecting means **108**.

[0143] In addition, the electronic paper file **100** may be provided with means for connecting an external terminal such as a mobile phone. According to such configuration, the desired page can be selected by the tenkey included in the external terminal.

[0144] Likewise, the electronic paper file **100** may be provided with the wireless communication function. According to such configuration, the desired page number can be selected by means of tenkey of a portable terminal including the wireless communication function that is away from the electronic paper file.

[0145] [EMBODIMENT 3]

[0146] The invention of this embodiment is arranged as shown in FIG. 9 that the display-data desired by a user be displayed on the electronic paper **101** that is not connected physically with the cover **10**. This case is explained here.

[0147] First of all, when the user powers the cover **102** on, the electronic paper detecting means **109** of the cover **102** is arranged so as to output signals (electric waves, ultrasonic waves, or etc.) based on a communication source operated by remote control automatically or according to the user's instruction. Meanwhile, each electronic paper **101** is also arranged so as to return necessary signals to the cover **102** according to the instruction of the cover **102** or the state of itself.

[0148] The correlation between a specific cover **102** and an electronic paper **101** to be applied to the cover **102** has stored in advance in the first storage means **105** and respective second storage means **105b**, **105c**, and **105d** of each electronic paper **101b**, **101c**, and **101d**. It is assumed that the correlation be executed by imparting ID number to the cover **102** and each electronic paper **101b**, **101c** and **101d**.

[0149] Besides, the ID number may be the connecting terminal ID number, or the product number stored in ROM if the electronic paper is provided with the ROM. Such correlation is performed so that the electronic paper **101** used in the relation with a specific cover **102** will not react electric waves generated from the other cover **102** indiscriminately.

[0150] In the under mentioned explanation, it is assumed that after or before the electronic paper file **100** is powered

on, each electronic paper **101b**, **101c**, and **101d** is detached from the connecting terminal of the cover **102**. A case that electric waves are used as a communication resource is taken as an example. The electric waves to be used in this embodiment are in conformity with the standard such as Bluetooth, for example.

[0151] After the electronic paper file **100** is powered on, or before any one of electronic paper **101** is detached from the cover **102** or attached to the cover **102**, the cover **102** obtains ID number of each electronic paper **101** on the basis of the correlation. Besides, it is assumed here that the electronic paper detecting means **109** could detect the ID numbers of three electronic papers **101b**, **101c** and **101d**.

[0152] Next, number imparting means **110** imparts electronic paper numbers **150** (from EP1 to EP3) to respective electronic papers **101b**, **101c** and **101d** on the basis of the ID numbers detected by the electronic paper detecting means **109**. Besides, a method for allocating the electronic paper number **150** (EP) may be to impart to the electronic paper the electronic paper No. **150** in order in which the character code of ID number is smaller, that is to say, in sequential order from 1. In case where the connecting terminal ID number is adopted as the ID number, the connecting order ID number can be adopted as the electronic paper number **150** in this embodiment.

[0153] Under the condition that the cover **102** is connected electrically with the electronic papers **101b**, **101c** and **101d**, the electronic paper detecting means **109** notifies the first display control means **106** that three electronic papers were detected. Thereby, the first display control means **106** obtains from the first storage means **105** specific display-data for three pages from the first page, for example.

[0154] Subsequently, the first display control means **106** in this embodiment sends the display-data corresponding to the first page of the obtained display-data to the electronic paper **101** of the electronic paper number **150** (EP1) (which is the electronic paper **101b**) via the sending-receiving means **104**. That is to say, the first page of the display-data is sent out.

[0155] Likewise, the first display control means **106** sends the second and third pages of the display-data to the electronic paper **101** of the electronic paper number **150** (EP2, EP3) in sequence. Besides, in order to transfer the display-data of the cover **102** to the desired electronic paper **101** that is not connected with the cover **102** physically, the following procedure is adopted.

[0156] The ID number of each electronic paper **101** correlated as above has been stored in the page selecting means **108** of the cover **102** in advance, and then a user selects as a desired destination one out of the electronic paper **101** storing the ID number by means of button.

[0157] The specific display-data of the first page sent from the first display control means **106** is received by the sending-receiving means **104b** of the electronic paper **101b**. The specific display-data of the first page received by the sending-receiving means **104b** is stored in the second storage means **105b** of the electronic paper **101b**, and read out by the second display control means **106b** of the electronic paper **101b**. The second display control means **106b**, if necessary, converts the specific display-data of the first page to the dot presentation, and displays the data on the display unit **121b** of the electronic paper **101b**. Likewise, the dis-