



(19) **United States**

(12) **Patent Application Publication** (10) **Pub. No.: US 2002/0055938 A1**

Matsuo et al.

(43) **Pub. Date:**

May 9, 2002

(54) **ELECTRONIC PAPER FILE**

(52) **U.S. Cl.** **707/104.1; 707/1**

(76) Inventors: **Hiroyuki Matsuo**, Neyagawa-Shi (JP);
Tetsuroh Nakamura, Takaraduka-Shi (JP);
Masaichiro Tatekawa, Minoo-Shi (JP)

(57) **ABSTRACT**

Correspondence Address:
MCDERMOTT, WILL & EMERY
600 13th Street, N.W.
Washington, DC 20005-3096 (US)

The invention has an object to provide an electronic paper file with high operating performance. The electronic paper file is assumed to comprises an electronic paper of an flexible display medium and a cover to which a plurality of electronic papers is attachable. In the invention, the first storage means stores display-data to be displayed on the electronic paper. The first display control means obtains from the first storage means the display-data corresponding to the desired page selected by the page selecting means and then display them on the electronic paper. Accordingly, even if the enormous pages of the electronic paper were not attached to the electronic paper file, the invention can display the whole of mass data such as an encyclopedia or theses data. Therefore, it is possible to improve the operating performance of the electronic paper file.

(21) Appl. No.: **09/977,487**

(22) Filed: **Oct. 16, 2001**

(30) **Foreign Application Priority Data**

Oct. 16, 2000 (JP) 2000-314637
Jan. 16, 2001 (JP) 2001-007963

Publication Classification

(51) **Int. Cl.⁷** **G06F 7/00**

