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## Browsing through digital contents using the motion of browsing through a book Development of a book-type interface for next-generation digital devices



Book-type interface developed

Hitachi, Ltd. has developed a book-type interface which allows the user to browse through digital contents such as the Internet web sites or images on a PC or AV equipment, through the motion of turning the pages of a book. The new interface developed uses a flexible sheet, from which an electrical signal is detected when the sheet is bent. This allows the reader to smoothly browse through electronic contents just as if reading a book. Further, using wireless communication, it is possible to operate the interface from a distant location. This book-type interface is a new style human-oriented interface based on the familiar motion of turning the pages of a book, and differs from the conventional keyboard or mouse-type interface. Further, this technology can be applied to digital books using flexible displays which are expected to become prominent in the future.

This technology will be presented at the 10<sup>th</sup> International Conference on Ubiquitous Computing "UbiComp 2008", to be held from 21<sup>st</sup> – 24<sup>th</sup> September 2008, in Seoul, Korea.