paginated content. In an embodiment, a display of the computing device includes a plurality of discrete elements, such as pixels. A memory is used to store a data collection. The data collection is arranged or otherwise identifiable as a plurality of pages. The pages of the data collection are arranged in a pre-selected order, and are each individually presentable on the display. The computing device includes a processor that is configured to retrieve the pages from the memory. The processor is also configured to signal each of the pages for presentation on the display. A sensor device is coupled to the processor. The sensor device is deflectable to signal the processor a deflection value when deflected. The deflection value causes the processor to sequentially present all or some of the multiple pages, in a sequential and individual manner.

[0025] A display may include any device that responds to electrical signals to output an image. An image presented on the display may be a partial, complete, or approximate rendering of data stored for that page.

[0026] When multiple pages are sequentially presented, portions of the display render an image from each of the multiple pages in a sequence, so that one page may follow another on a portion of the display. It is possible that an area of the display presents portions of multiple pages concurrently and in a sequential manner. For example, groups of discrete elements of the display may be assigned values from one of the multiple pages, and then a next, while another group of discrete elements are static.

[0027] As used herein, reference to deflection means any type of bending, deformation or movement by a structure that noticeably alters its shape. In one embodiment, deflection refers to a cantilevering movement of one end of a structure relative to another.

[0028] **FIG. 1** illustrates a computing device **100** equipped with a page flicking mechanism, under an embodiment of the invention. The computing device **100** includes a flexing or deflective display **20** that presents paginated information. The display **20** is connected to a frame **25**. In one embodiment, both display **20** and frame **25** are bendable along one or more axes of the computer device **100**.

[0029] The display **20** may be a form of electronic paper. Electronic paper refers to a flexible display, used for applications such as electronic books. An example of electronic paper for use with embodiments of the invention includes conductive plastic substrates combined with organic transistors, manufactured jointly by E Ink Corp. and Lucent Technologies (see *Electronic Paper Writes New Chapter for Displays;* Brown, C.; EETimes.com, Nov. 30, 2000; hereby incorporated by reference). Another example of electronic paper includes gyricon substrates, manufactured by Xerox.

[0030] As will be described in greater detail, the display **20** can be deflected to enable a user to enter an input. The deflection entered by the user causes the pagination being presented on the display **20** to be altered. Specifically, an embodiment provides that a region **22** of display **20** sequentially presents other pages based on the deflection of display **20**. The display region **22** may be centrally disposed on display **20** where the deflection is least impairing to the user. The sequential presentation of the pages on display region **22** provides the appearance of page flicking.

[0031] The computing device **100** may be configured to measure the magnitude of the deflection and to correlate the magnitude with a characteristic of the page flicking. A larger magnitude flexing of display **20** may signal rapid page flicking, and possible skipping of intermediate pages. A smaller magnitude flexing of display **20** may correlate to a slower page turn, without any skipping of pages. For example, a large deflection of display **20** may result in display region **22** displaying pages **1, 5, 10, 15** and **20** in one time interval. A small deflection may cause display region **22** to display pages **1, 2** and **3** in a longer time interval.

[0032] Other portions of display **20** outside of display region **22** may display content other than the pages being flicked through. For example, the presentation on the other portions of display **20** may be frozen on a current page, or blurred to save processing resources.

[0033] **FIG. 2** illustrates another embodiment in which computing device **100** separates display **20** from a deflectable portion **30** (**FIG. 30**). The deflectable portion **20** may be integrated with a sensor (see e.g. **130, FIG. 4**) to detect deflection caused by the user of the computing device **100**. When the deflectable portion **30** is deflected, the display **20** displays multiple pages in a sequential manner on display region **22**. For such an embodiment, display region **22** may be disposed closer to an edge farthest away from deflectable portion **30**.

[0034] **FIG. 3** illustrates an embodiment in which computing device **100** is coupleable to deflectable portion **30**. In an embodiment, deflectable portion **30** can be connected to the side of computing device **100** through an attachment mechanism **35**. The attachment mechanism **35** may include communication resources for signaling deflection values to a processor **140** (see **FIG. 4**) of computing device **100**. Alternatively, a peripheral expansion slot (see e.g. **102FIG. 4**) may extend communications between a sensor contained within the deflectable portion **30** and a processor of the computing device **100**.

[0035] B. Hardware Components

[0036] **FIG. 4** is a block diagram of computing device **100**, including components for presenting and changing pages on a display. The computing device **100** includes a processor **140** coupled to a first memory **144** and a second memory **146**. The processor **140** is coupled to a display driver **122**. The processor **140** combines with display driver **122** to process and signal data for presentation on a display **120**. A sensor **130** is coupled to processor **140** via an analog-digital (AD) converter **132**.

[0037] The computing device **100** may include one or more expansion slots. In an embodiment shown, a first peripheral port **102** enables one or more types of accessory devices to be connected to processor **140**. In addition, computing device **100** may include a wireless peripheral port **104** that enables information to be communicated to processor **140** from an external source. The wireless peripheral port **104** forwards incoming communications to an amplifier **106** for processor **140**. A second processor **108** intercepts communications incoming to and/or outgoing from wireless peripheral port **104** for purpose of facilitating conversion of data signals between formats and protocols of wireless communications, and those that can be processed by processor **140**.

[0038] The display **120** cooperates with display driver **122** to display paginated content such as text-based information.