

ABSTRACT OF THE DISCLOSUREDISPLAY DEVICE HAVING IMAGE ACQUISITION CAPABILITIES AND
METHOD OF USE THEREOF

5 A digital picture frame device (10) is provided with image acquisition capabilities. The digital picture frame device (10) may include a display device (32) mounted on a hinged lid (30). An image acquisition device (60) may be located beneath the hinged lid (30). The image acquisition device (60) may, for example, be a
10 line scanner in which successive scan line images of an object are obtained as the scan head (64) moves in relation to the object being scanned. Alternatively, the image acquisition device (60) may be a two dimensional image acquisition device. In this manner, an image of a
15 desired object can be acquired and displayed on the digital picture frame device (10) without the need for a separate image acquisition device. Alternatively, the digital picture frame device (310) may be provided without a hinged lid. In this case, an object to be
20 scanned may be fed into the digital picture frame device (310) through a slot (336). A drive mechanism, e.g., drive rollers (366), may be provided to move the object through the digital picture frame device (310) past a stationary line scanner device (360) or to a position
25 adjacent a two dimensional image acquisition device.

FIG.2