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**Naimark et al.**

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[54] **INPUT DEVICE FOR CONTROLLING A VIDEO DISPLAY, INCORPORATING CONTENT-BASED HAPTIC FEEDBACK**

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**Related U.S. Application Data**

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[51] **Int. Cl.**<sup>7</sup> ..... **G09B 5/00**  
[52] **U.S. Cl.** ..... **434/307 R; 434/114; 434/365**  
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[57] **ABSTRACT**

Disclosed is an input device and method for interacting with motion pictures incorporating content-based haptic response. Content data relating to the motion picture is stored in a content data storage device while motion picture data is stored in a prerecorded image data storage device. A viewer input device is provided so that a viewer (end-user) can advance and reverse the frames on a display screen while substantially simultaneously, the content data is accessed and braking commands are sent to the viewer input device. The result is that the viewer is provided with haptic responses to the viewer's input through the viewer input device.

**17 Claims, 7 Drawing Sheets**

