US 20090051648A1

(19) United States

(12) Patent Application Publication

SHAMAIE et al.

(10) Pub. No.: US 2009/0051648 A1

(43) Pub. Date: Feb. 26, 2009

(54) GESTURE-BASED MOBILE INTERACTION

(75) Inventors: ATID SHAMAIE, Ottawa (CA); FRANCIS MACDOUGALL, Ottawa (CA)

Correspondence Address:
FISH & RICHARDSON P.C.
P.O. BOX 1022
MINNEAPOLIS, MN 55440-1022 (US)

(73) Assignee: GestureTek, Inc., Sunnyvale, CA (US)

(21) Appl. No.: 12/194,772

(22) Filed: Aug. 20, 2008

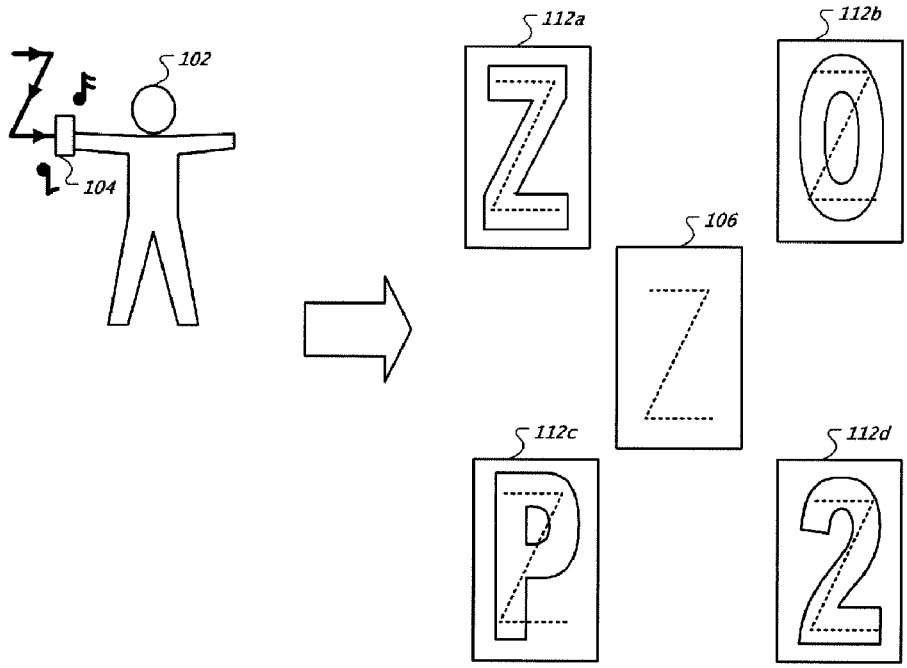
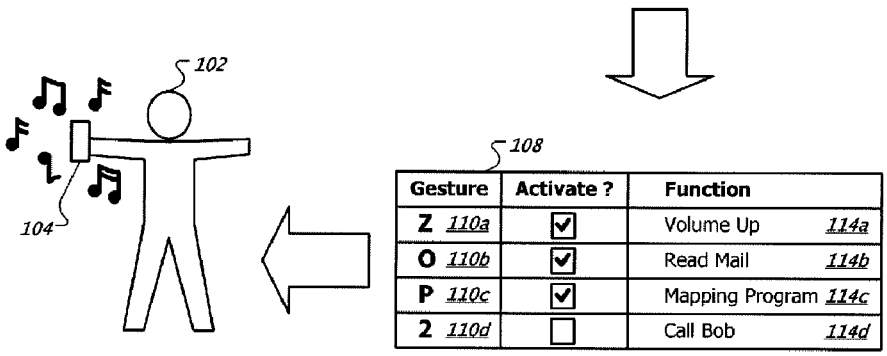
Related U.S. Application Data

(60) Provisional application No. 60/956,776, filed on Aug. 20, 2007.

Publication Classification

(51) Int. Cl.
G09G 5/00 (2006.01)

(52) U.S. Cl. 345/156

(57) ABSTRACT

Gesture-based mobile interaction, motion of a device is sensed using image data, and a gesture corresponding to the sensed motion of the device is recognized. Functionality of the device corresponding to the recognized gesture is determined and invoked.