



US 20070247422A1

(19) **United States**

(12) **Patent Application Publication**
Vertegaal et al.

(10) **Pub. No.: US 2007/0247422 A1**

(43) **Pub. Date: Oct. 25, 2007**

(54) **INTERACTION TECHNIQUES FOR FLEXIBLE DISPLAYS**

Related U.S. Application Data

(60) Provisional application No. 60/788,405, filed on Mar. 30, 2006.

(75) Inventors: **Roel Vertegaal**, Battersea (CA); **David Holman**, Aachen (DE)

Publication Classification

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

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

Correspondence Address:

MINTZ LEVIN COHN FERRIS GLOVSKY & POPEO
666 THIRD AVENUE
NEW YORK, NY 10017 (US)

(57) **ABSTRACT**

The invention relates to a set of interaction techniques for obtaining input to a computer system based on methods and apparatus for detecting properties of the shape, location and orientation of flexible display surfaces, as determined through manual or gestural interactions of a user with said display surfaces. Such input may be used to alter graphical content and functionality displayed on said surfaces or some other display or computing system.

(73) Assignee: **Xuuk, Inc.**, Kingston (CA)

(21) Appl. No.: **11/731,447**

(22) Filed: **Mar. 30, 2007**

