



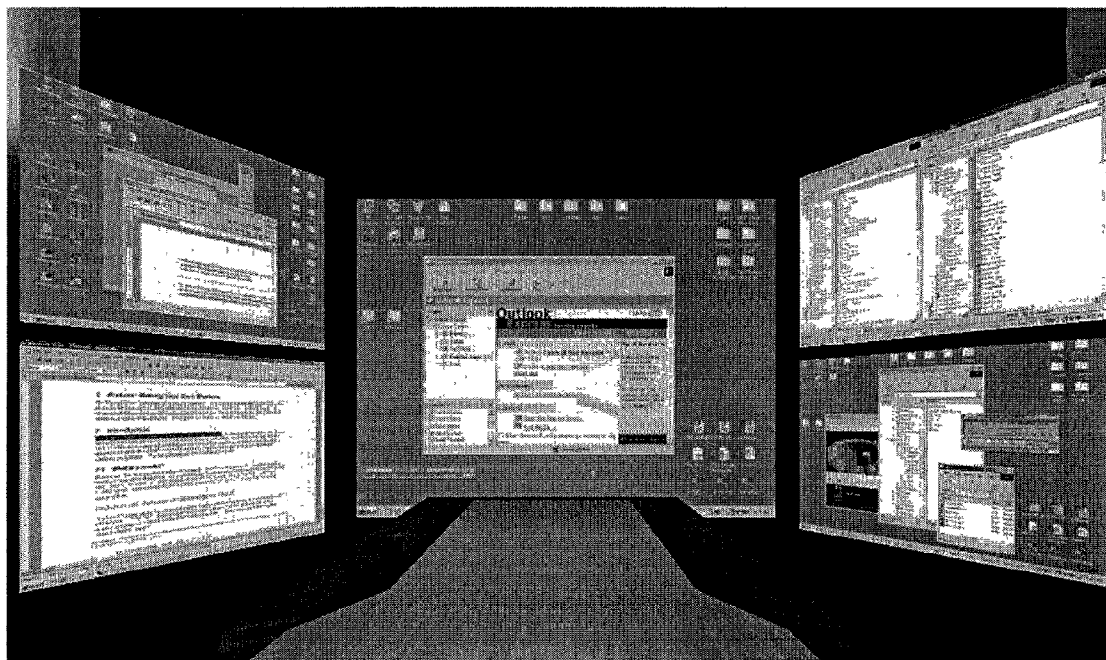
US 20040109031A1

(19) **United States**(12) **Patent Application Publication** (10) **Pub. No.: US 2004/0109031 A1**
Deaton et al. (43) **Pub. Date: Jun. 10, 2004**(54) **METHOD AND SYSTEM FOR
AUTOMATICALLY CREATING AND
DISPLAYING A CUSTOMIZABLE
THREE-DIMENSIONAL GRAPHICAL USER
INTERFACE (3D GUI) FOR A COMPUTER
SYSTEM**(76) Inventors: **Kenneth Deaton**, Toronto (CA); **Steven
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NEWARD, CA 94560 (US)**(21) Appl. No.: **10/145,567**(22) Filed: **May 13, 2002****Related U.S. Application Data**(60) Provisional application No. 60/290,291, filed on May
11, 2001.**Publication Classification**(51) **Int. Cl.⁷** **G09G 5/00**(52) **U.S. Cl.** **345/848**(57) **ABSTRACT**

The present invention is a new 3D graphical user interface (3D GUI) technology that seamlessly integrates personal computer (PC) desktop, web portal, and data visualization functions in an intuitive 3D environment. This new paradigm in human computer interfaces provides seamless and intuitive access to a computer's operating systems, applications, and files as well as the Internet and on-line web portal functions. The invention automatically scans a computer user's hard drive and dynamically creates a customized 3D environment that allows intuitive access to all the user's computer functionality. In a preferred embodiment of the invention, the 3D GUI installs as the active desktop on a PC, replacing the user's "wallpaper" with the 3D GUI. In this embodiment, the calculator program is accessed by clicking on the calculator on the desk, word processing documents look like actual paper documents, the weather outside is based on today's weather forecast, and the radio accesses an Internet radio station.



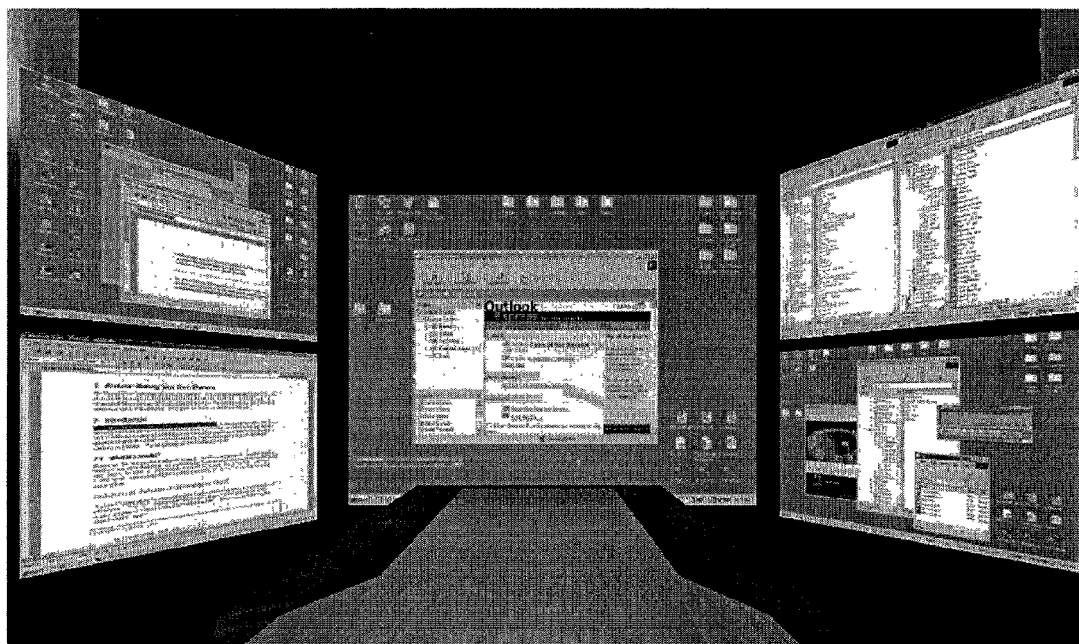


FIG 2

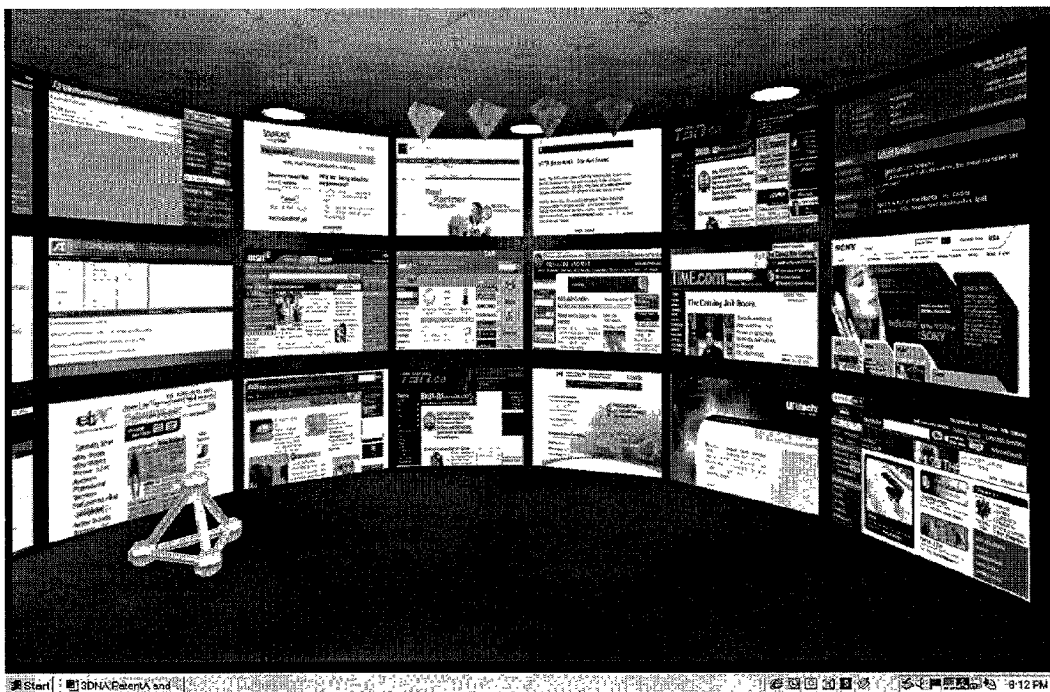


FIG 4

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