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Ardhanari et al.

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(54) **USER INTERFACE FOR VISUAL COOPERATION BETWEEN TEXT INPUT AND DISPLAY DEVICE**

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(75) Inventors: **Sankar Ardhanari**, Windham, NH (US); **Satyanarayanan Ramaswamy**, Windham, NH (US); **Manish M. Sharma**, Ghaziabad (IN); **Murali Aravamudan**, Windham, NH (US); **Ajit Rajasekharan**, West Windsor, NJ (US)

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(57) **ABSTRACT**

Correspondence Address:
WILMER CUTLER PICKERING HALE AND DORR LLP
60 STATE STREET
BOSTON, MA 02109 (US)

A user-interface system for entering an alphanumeric string or alphanumeric clusters for identifying information content is presented. The user-interface system has presentation logic for displaying an image of a virtual user alphanumeric interface on a presentation device. The virtual user alphanumeric interface includes an image of an overloaded keypad that has a two dimensional configuration of alphanumeric clusters. Each cluster corresponds to a set of alphanumeric characters. The user-interface system also has cluster selection logic for receiving user actions from an input device (e.g., five-button interface) to provide visual cues to help the user select an alphanumeric cluster and to cause the selected alphanumeric cluster or character from a cluster to be displayed in a display field of the virtual user alphanumeric interface.

(73) Assignee: **Veveo, Inc.**, Andover, MA

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