US005533110A

United States Patent [19]

Pinard et al.

[11] Patent Number: 5,533,110

[45] Date of Patent: Jul. 2, 1996

[54] **HUMAN MACHINE INTERFACE FOR TELEPHONE FEATURE INVOCATION**

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[73] Assignee: **Mitel Corporation**, Canada

[21] Appl. No.: **346,600**

[22] Filed: **Nov. 29, 1994**

[51] Int. Cl.⁶ **H04M 3/42**
[52] **U.S. Cl.** **379/201**; 379/202; 379/96; 379/112; 379/393
[58] **Field of Search** 379/201, 202, 379/204, 203, 205, 112, 96, 393; 370/62, 110.1

[56] **References Cited**

U.S. PATENT DOCUMENTS

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Primary Examiner—Jeffery Hofsass
Assistant Examiner—Scott Wolinsky
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[57] **ABSTRACT**

A method of providing a visual indication to a first communication connection (CC) subscriber of the status of a telephone CC comprising the steps of providing ah icon on a display that represents the first CC subscriber, providing a call setup icon on a display representing a command to set up a CC, dragging the icon representing the first CC subscriber to the call setup icon, automatically displaying a directory of subscribers, dragging an identity of a second CC subscriber from the directory to the call setup icon, establishing a CC between communication apparatus used by the first subscriber and communication apparatus used by the second CC subscriber via subscriber's lines, changing the identity of the calls setup icon to a call icon, displaying an icon representing the second CC subscriber in the call icon, and displaying a new call setup icon, whereby icons representing CC subscribers of a call in progress are both represented and are visually discernible by the first CC subscriber in the call icon.
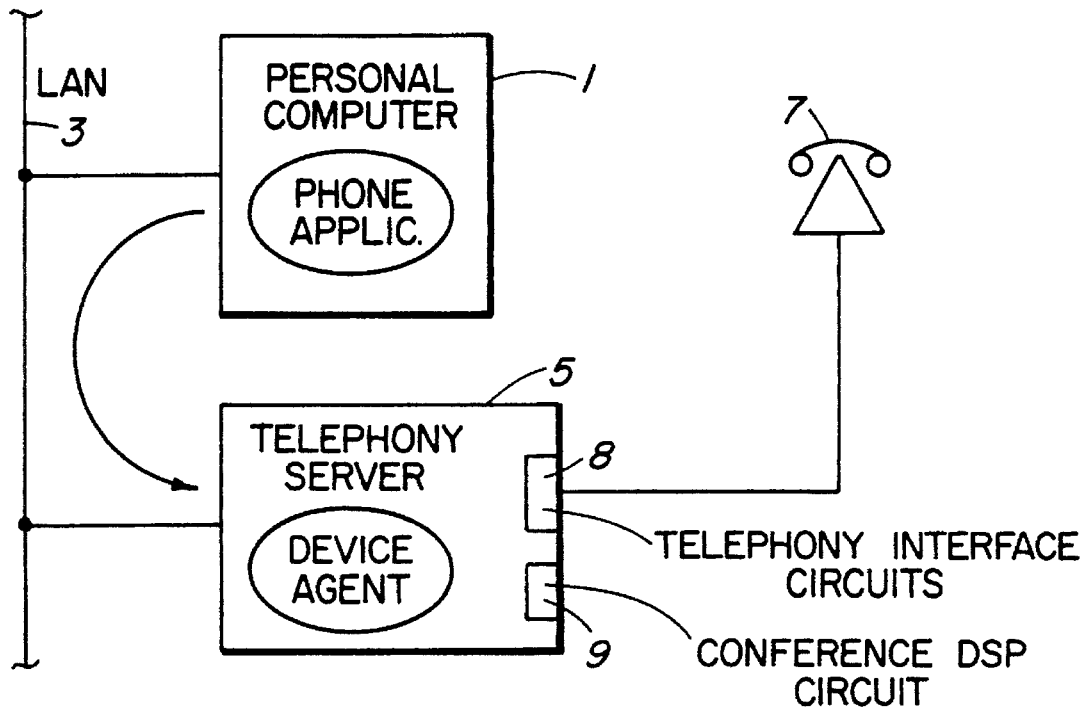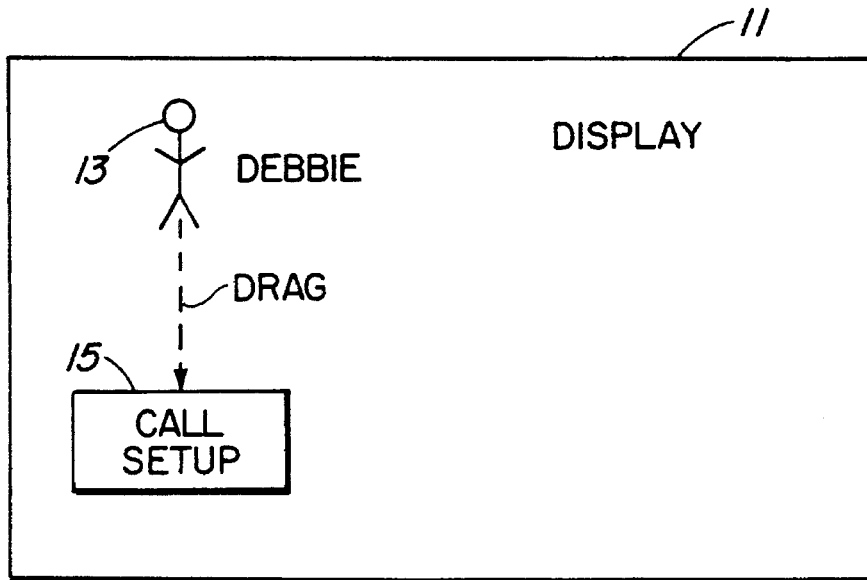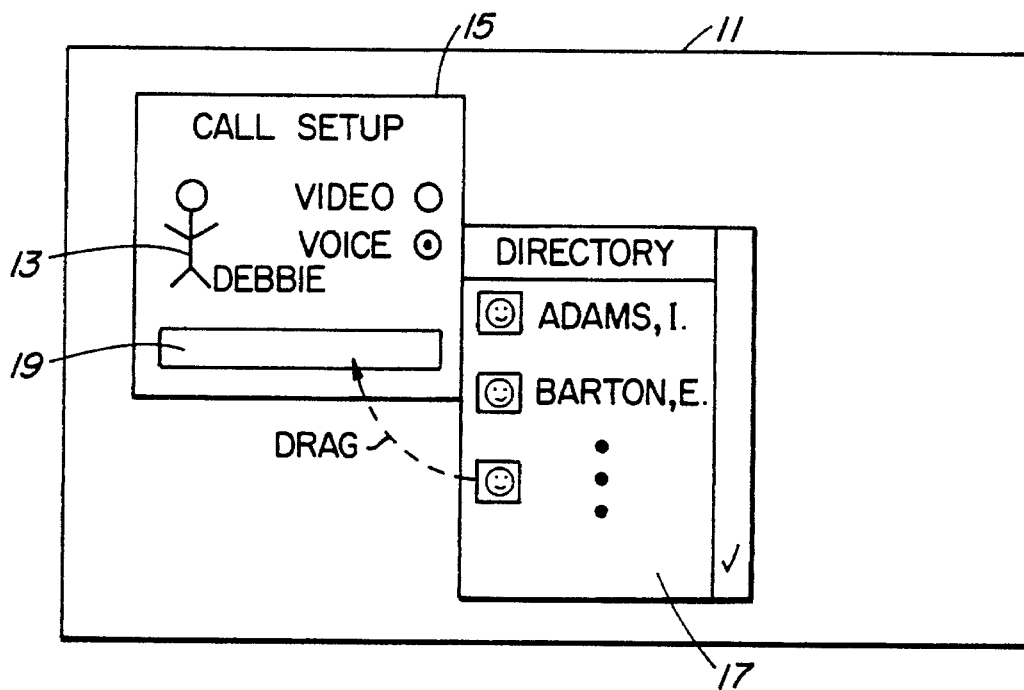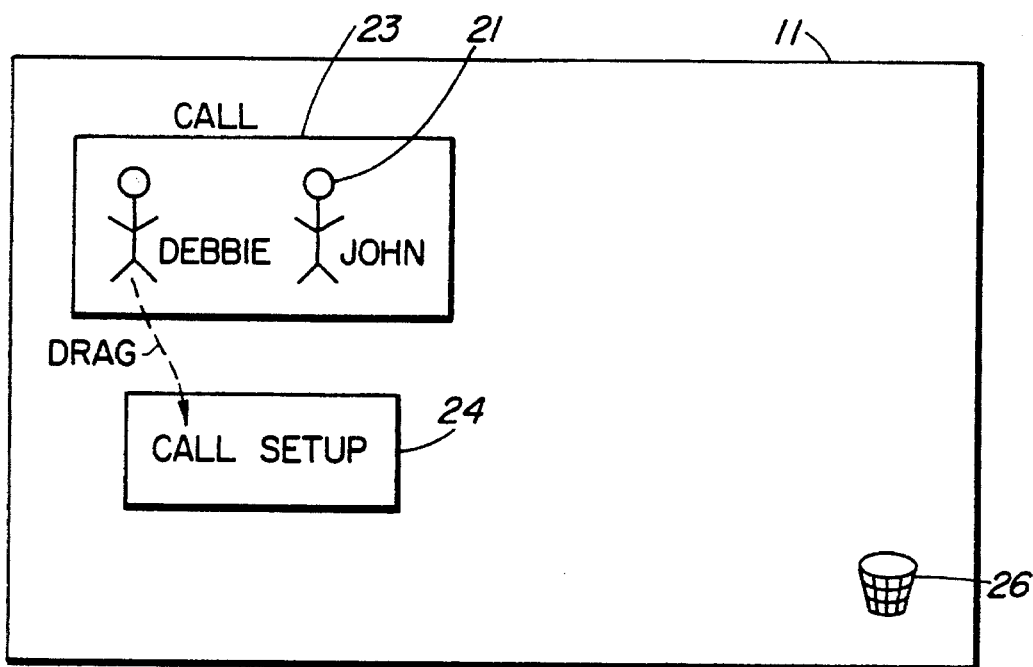
19 Claims, 8 Drawing Sheets
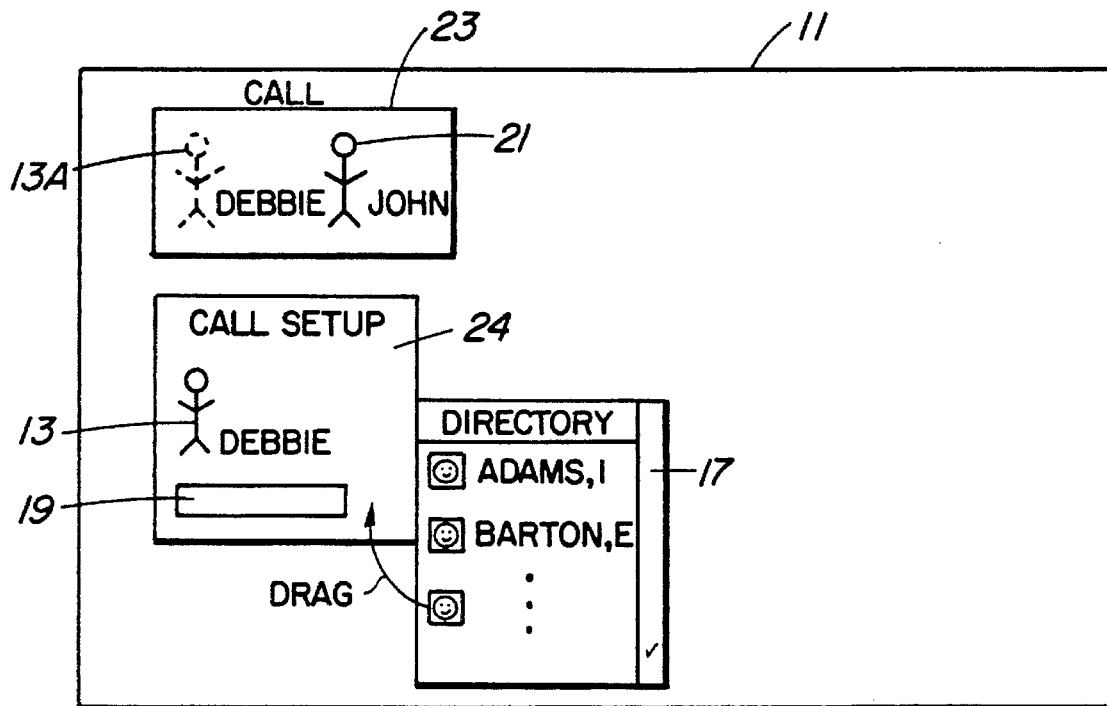
FIG. 1

FIG. 2

FIG. 3

FIG. 4
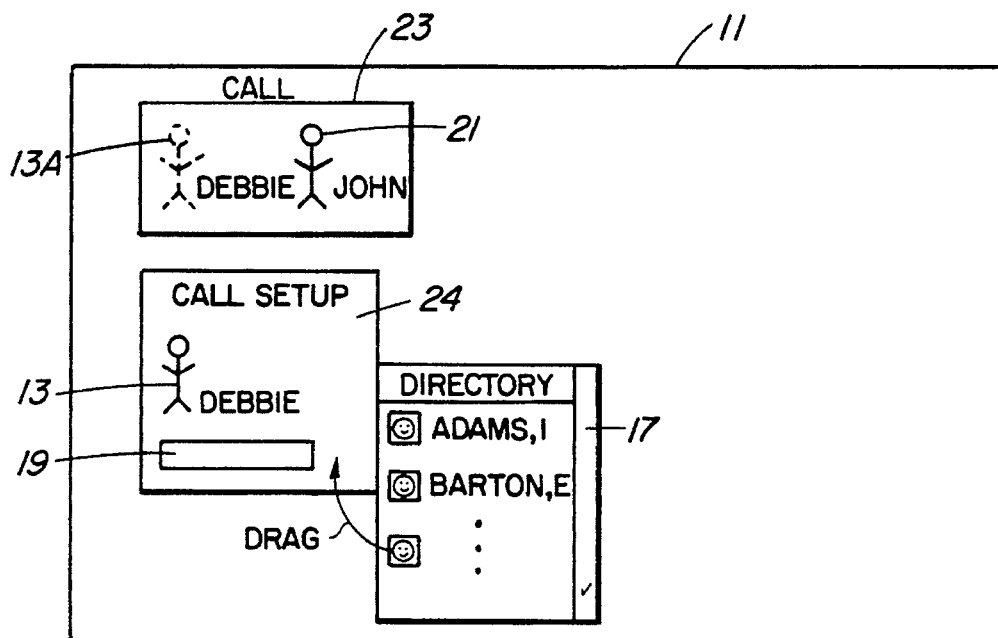
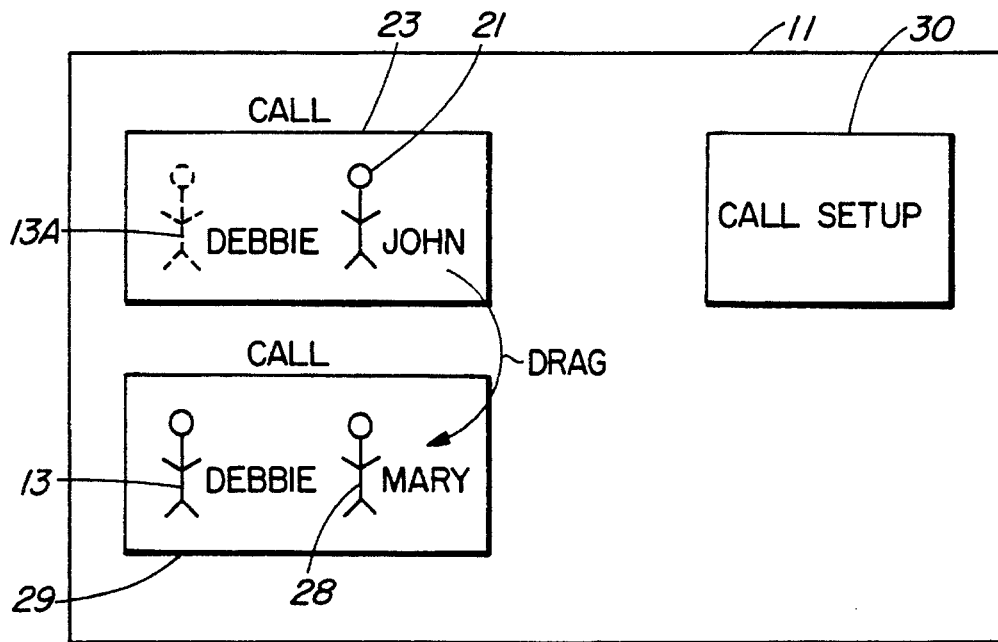FIG. 5

FIG. 6

FIG. 7

FIG. 7A

DOCKET ALARM
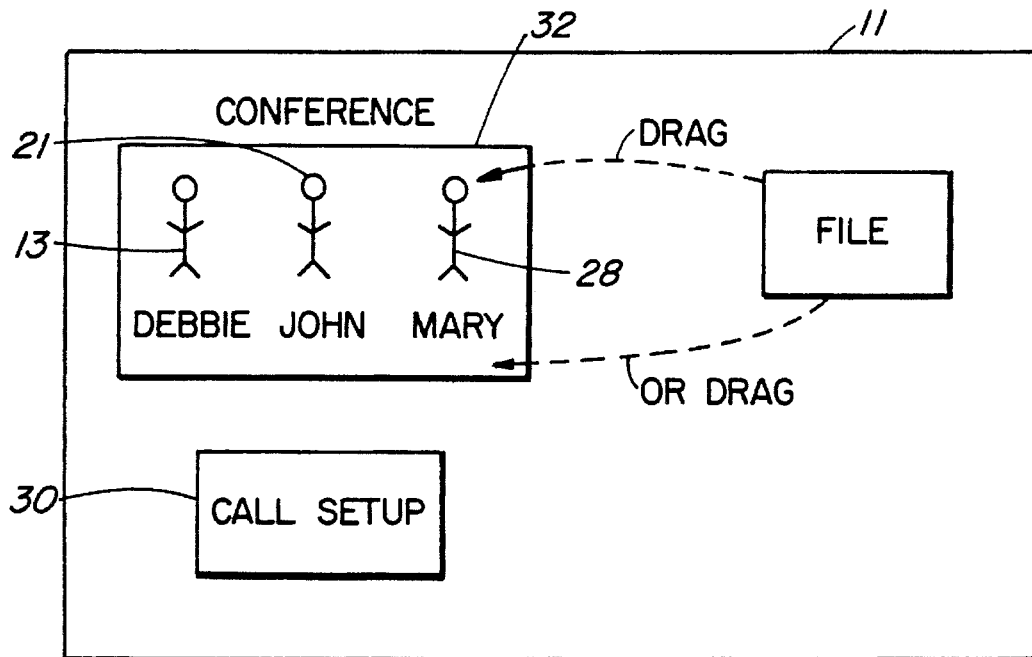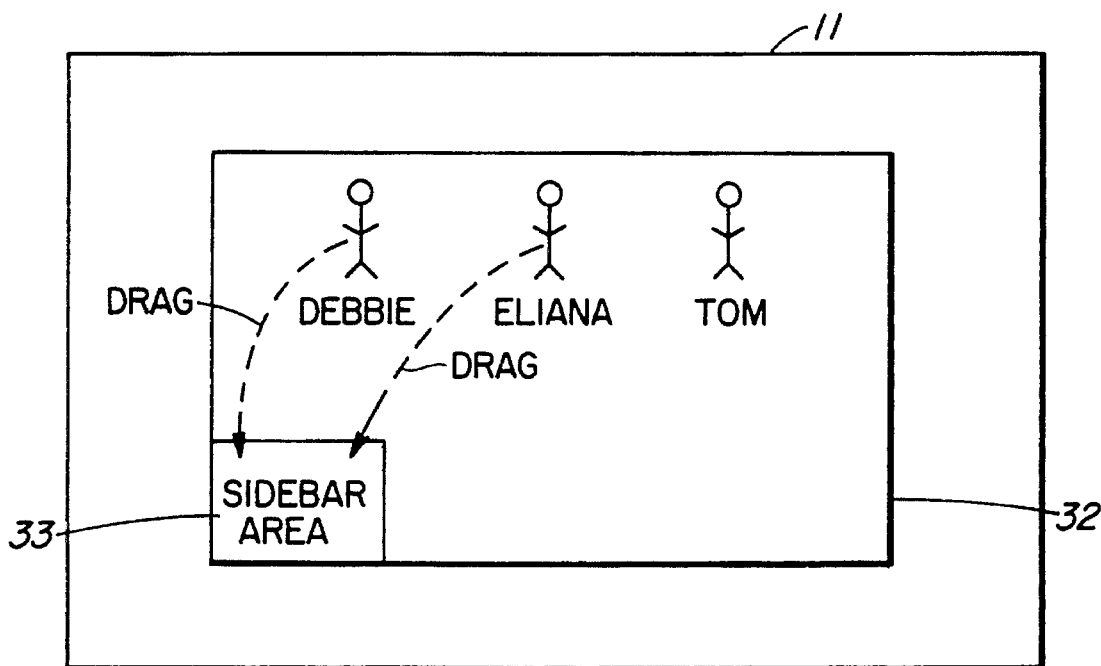
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