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(12) **United States Patent**  
**Ording et al.**

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- (54) **USER INTERFACE FOR PROVIDING CONSOLIDATION AND ACCESS**
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- (\*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 1198 days.

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(21) Appl. No.: **09/467,074**

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- (51) **Int. Cl.**  
**G06F 3/00** (2006.01)  
**G06F 3/14** (2006.01)  
**G09G 5/08** (2006.01)

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(52) **U.S. Cl.** ..... **715/862**; 715/779; 715/860;  
715/977; 345/157

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(58) **Field of Classification Search** ..... 345/765,  
345/779, 810, 835, 840, 856, 859, 860, 861,  
345/862, 977; 715/765, 779, 810, 835, 840,  
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See application file for complete search history.

(57) **ABSTRACT**

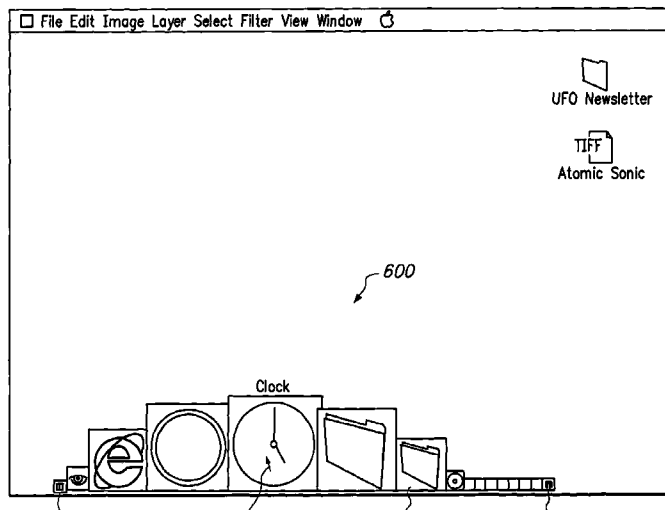
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Methods and systems for providing graphical user interfaces are described. To provide greater access and consolidation to frequently used items in the graphical user interface, a userbar is established which includes a plurality of item representations. To permit a greater number of items to reside in the userbar, a magnification function can be provided which magnifies items within the userbar when they are proximate the cursor associated with the graphical user interface.

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**129 Claims, 6 Drawing Sheets**



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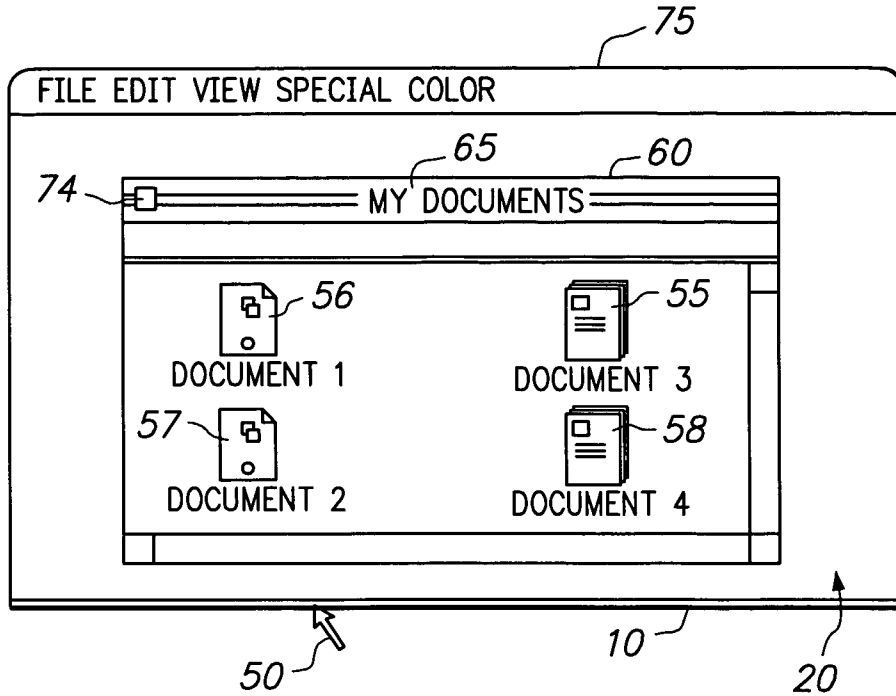


FIG. 1A (PRIOR ART)

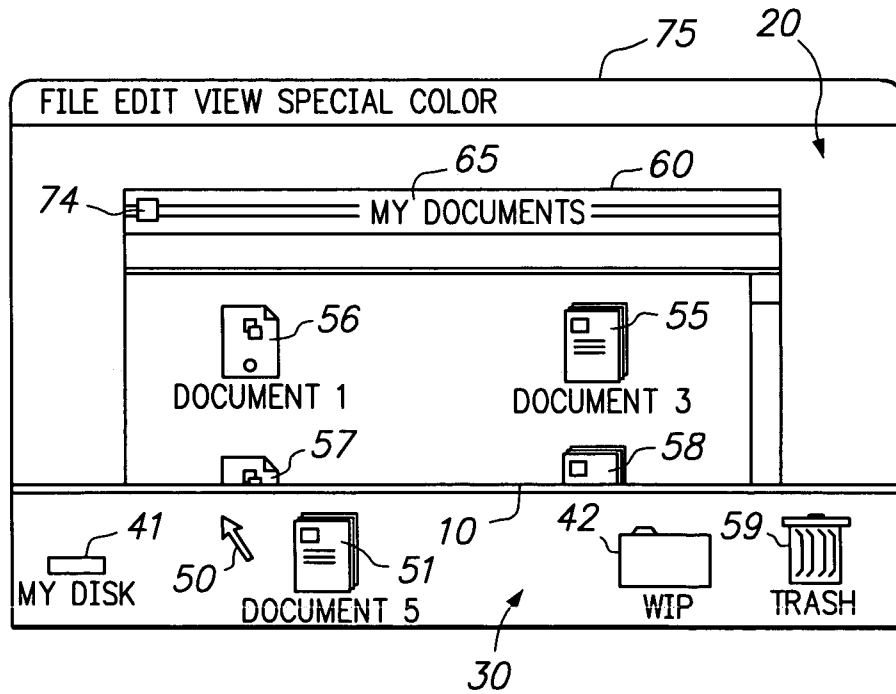


FIG. 1B (PRIOR ART)

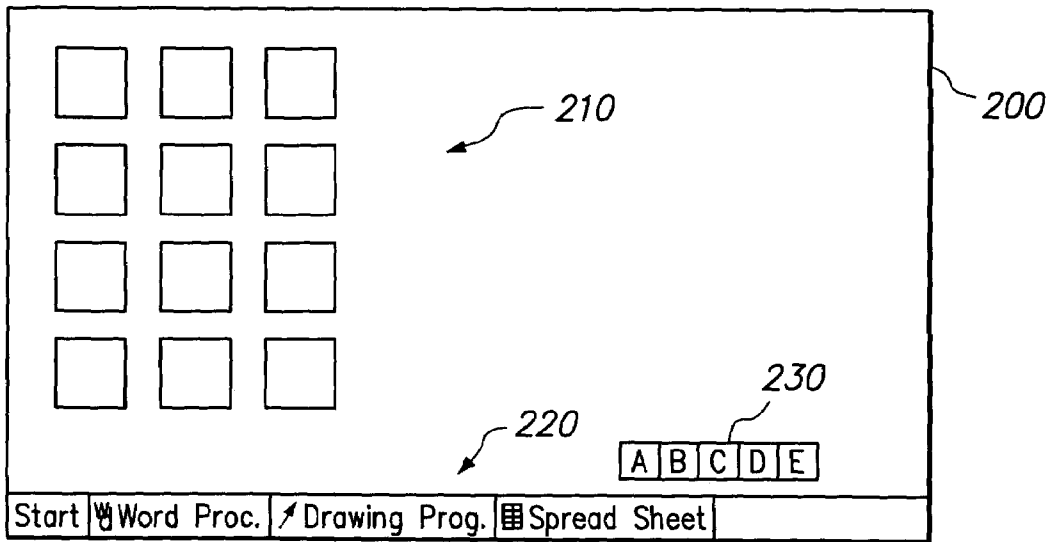


FIG. 2 (PRIOR ART)

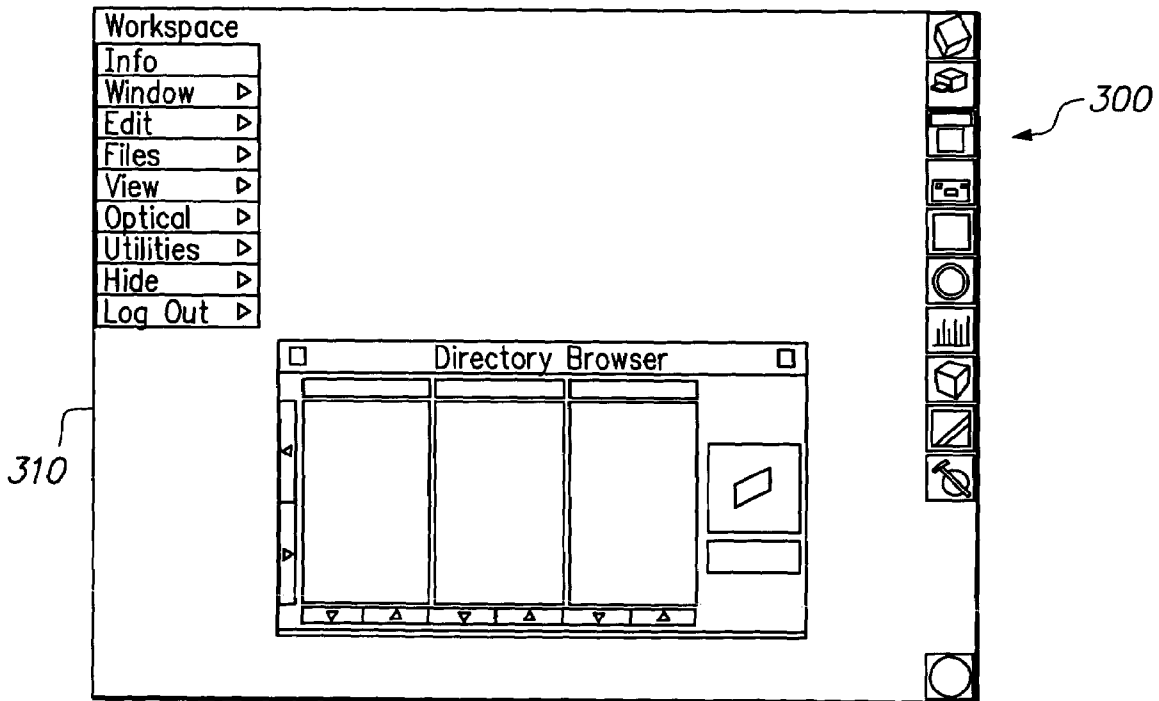


FIG. 3 (PRIOR ART)

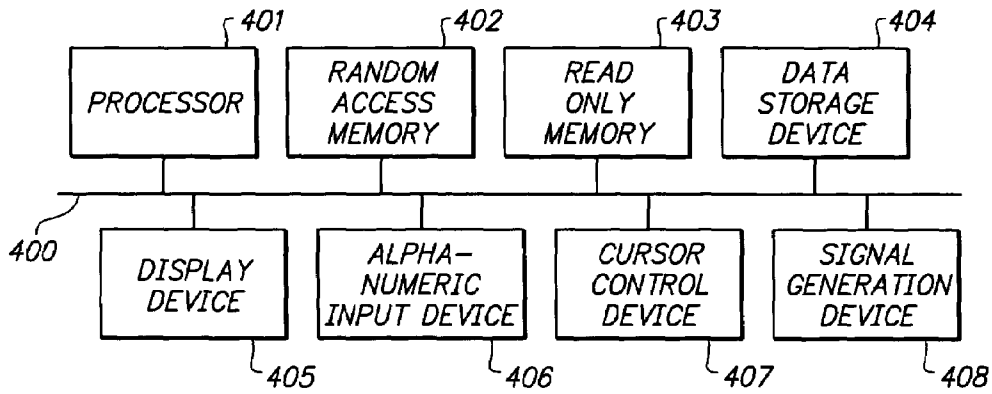


FIG. 4

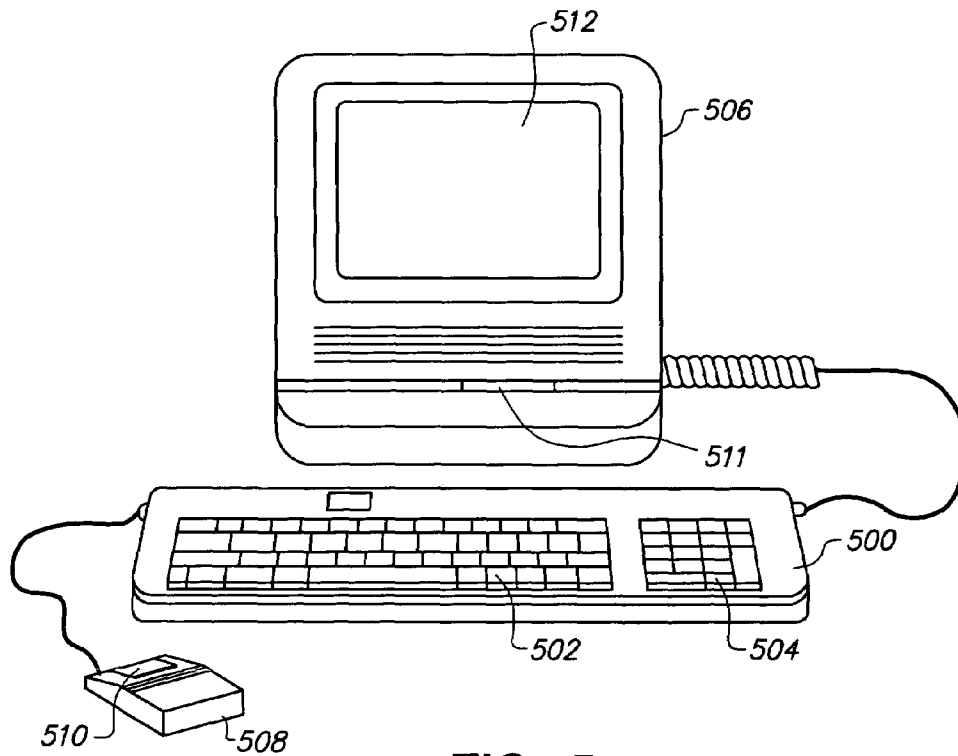


FIG. 5

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