

United States Patent [19]

Allen et al.

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6,026,410

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[54]	INFORMATION ORGANIZATION AND
	COLLABORATION TOOL FOR PROCESSING
	NOTES AND ACTION REQUESTS IN
	COMPUTED SYSTEMS

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COMPUTER SYSTEMS

OTHER PUBLICATIONS

[75] Inventors: David Allen, Ojai; Brian Smiga; Danny Rabbani, both of San Francisco; Dennis Buchheim, Palo Alto, all of Calif.; Tony Mann, Issaquah, Wash.; Thomas Hagan, Boston, Mass.; James Joaquin, San Nanduri et al. "Requirements Validation via Automated Natural Language Parsing" Journal of Management Information Systems, vol. 12, No. 3, pp. 9-19, Dec. 1995. Adam et al. "A Form-Based Approuch to Natural Language Query" Journal of Management Information Systems, vol. 11, No. 2, pp. 109-121, Sep. 1994.

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A natural language-based information organization and col-

[73] Assignee: Actioneer, Inc., San Francisco, Calif.

ABSTRACT [57]

laboration tool for a computer system is disclosed. The present invention includes an apparatus and method for processing text expressions in a computer system, the apparatus including: 1) an object database defining an information object with an associated keyword; 2) a user input device for receiving an input text expression; 3) a parsing device for identifying the keyword in the input text expression, the parsing device including functions for linking the input text expression to the information object based on the keyword identified in the input text expression; and 4) a user output device for displaying to the user the identity of the information object to which the input text expression was linked. The apparatus of the present invention further includes supplemental information in the object database which is related to the information object, the user output device further including functions for displaying the supple-

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[58]	Field of Search 707/1, 100	, 104,
	707/2, 3, 4, 5, 6, 102, 103, 200, 201; 7	704/9,
	270	275

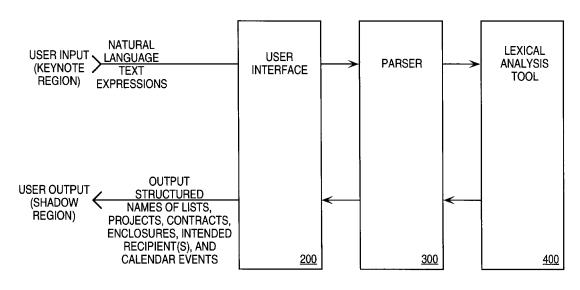
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37 Claims, 26 Drawing Sheets

mental information when a corresponding keyword is identified in the input text expression. The apparatus of the present invention further includes a method and apparatus for collaboration between users of a time and project man-



agement system.



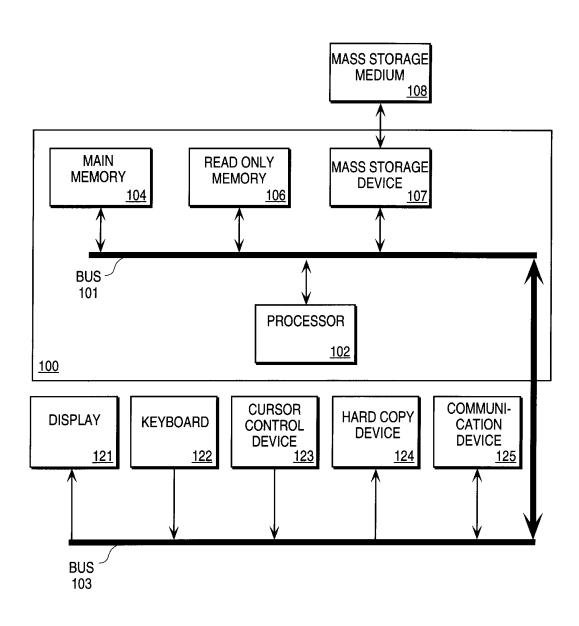


FIG. 1



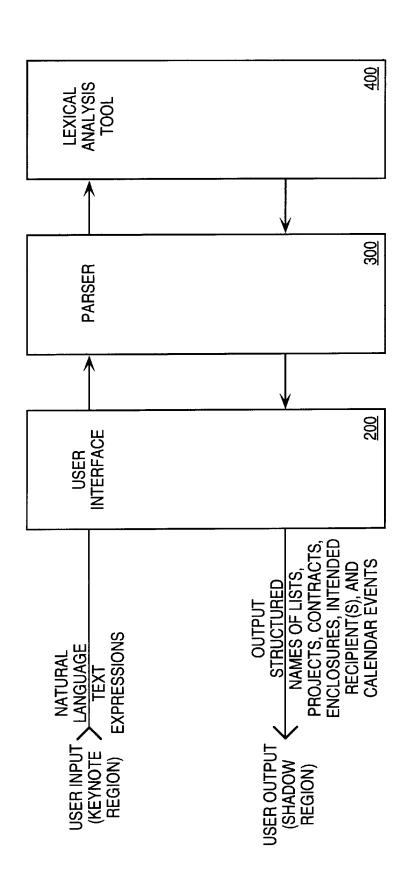


FIG. 2

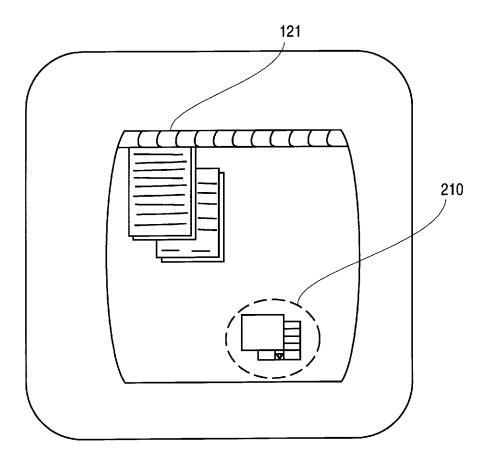
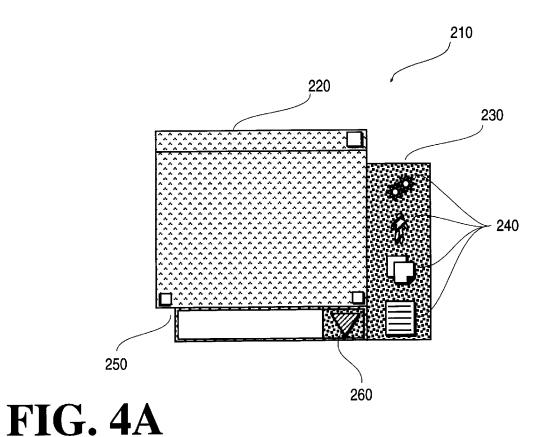
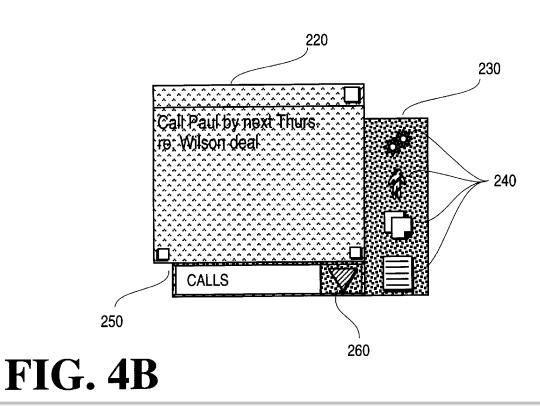


FIG. 3



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