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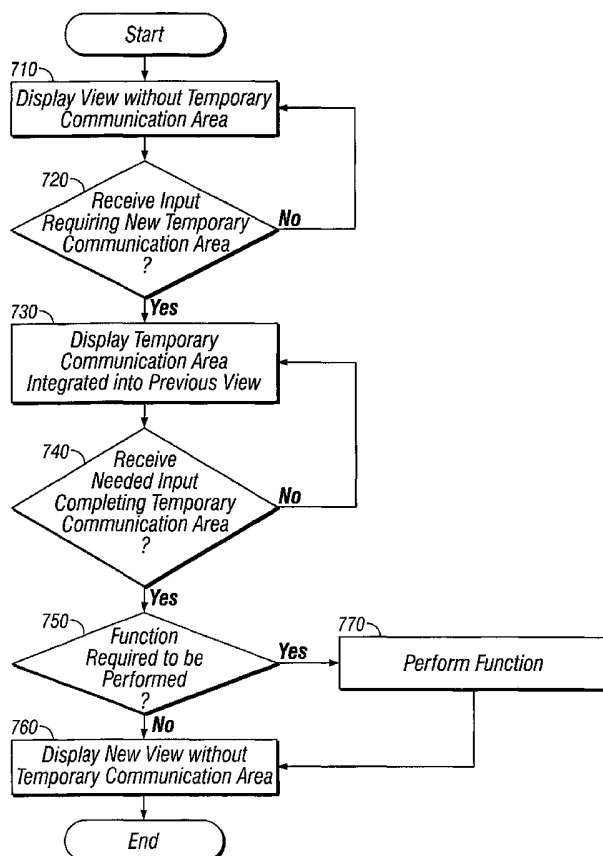
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[Continued on next page]

(54) Title: TEMPORARY COMMUNICATION AREAS FOR A COMPUTER USER INTERFACE



(57) Abstract: Techniques are disclosed for displaying information to a user on a display device of a computer system. In one general aspect, a first view is displayed on the display device, where the first view has at least a first work area. In response to the receipt of a first input received by the computer system, a second view is displayed on the display device. The second view includes the first work area and a temporary communication area, or "pop-in window," included within the first work area. The temporary communication area has a defined function associated therewith requiring input from a user. The temporary communication area may close after the user provides the necessary input and the defined function is performed.

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A. CLASSIFICATION OF SUBJECT MATTER
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B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

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C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 714 971 A (SHALIT ANDREW ET AL) 3 February 1998 (1998-02-03)	1-3, 8-16, 20-27, 31-39, 43-46
Y	column 10, line 31 - column 11, line 25; figures 12,13 ----- -/--	4-7, 17-19, 27-30, 40-42

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 5 760 773 A (BERMAN ERIC ROBERT ET AL) 2 June 1998 (1998-06-02)	4-7, 17-19, 27-30, 40-42
A	abstract column 3, line 23 - line 31 column 4, line 34 - column 5, line 40 figure 2	1,16,24, 39
X	US 6 014 135 A (FERNANDES ANTONIO M) 11 January 2000 (2000-01-11)	1,2,4, 8-10,16, 20-25, 27, 31-33, 39,43,46
	column 17, line 54 - column 18, line 11; figures 1,2,7b	
X	US 6 356 287 B1 (EBERHARD MARTIN F ET AL) 12 March 2002 (2002-03-12)	1-3,8,9, 13,16, 20-26, 31,32, 36,39, 43-46
	column 10, line 67 - column 11, line 4 column 11, line 28 - line 32 figures 4,5	

INTERNATIONAL SEARCH REPORT

Information on patent family members

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 5714971	A	03-02-1998	AU 6707394 A	08-11-1994
			CA 2161023 A1	27-10-1994
			DE 69428988 D1	13-12-2001
			DE 69428988 T2	29-05-2002
			EP 0695448 A1	07-02-1996
			JP 8509311 T	01-10-1996
			WO 9424657 A1	27-10-1994
US 5760773	A	02-06-1998	NONE	
US 6014135	A	11-01-2000	NONE	
US 6356287	B1	12-03-2002	AU 2765699 A	18-10-1999
			CA 2325134 A1	30-09-1999
			CN 1302398 T	04-07-2001
			EP 1062564 A2	27-12-2000
			JP 2002508543 T	19-03-2002
			WO 9949383 A1	30-09-1999
			US 6154214 A	28-11-2000
			US 6331867 B1	18-12-2001
			US 6181344 B1	30-01-2001