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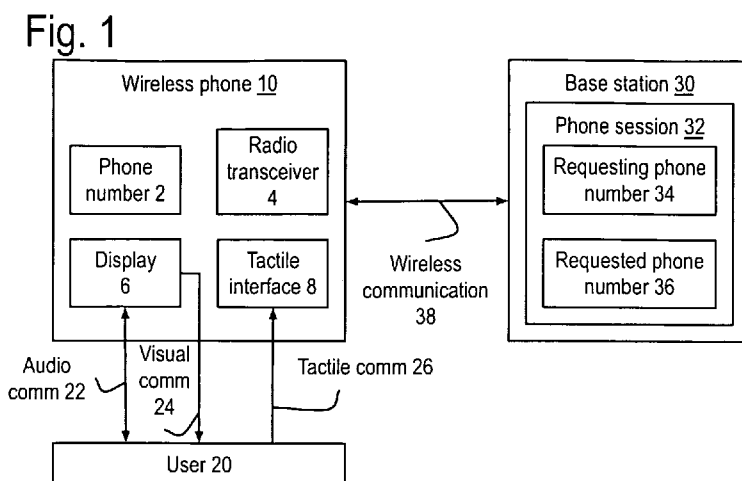
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(54) **Title:** METHODS AND APPARATUS FOR WIRELESS PHONE OPTIMIZATIONS OF BATTERY LIFE, WEB PAGE RELOADS, USER INPUT, USER TIME, BANDWIDTH USE AND/OR APPLICATION STATE RETENTION



(57) **Abstract:** This disclosure teaches using a wireless phone by a user to save and/or send a state in response to the user turning away. The user may interact with a web view to send the state as a non-empty transaction list in response to the user triggering a web navigation activator, with an application by storing the application state after the user looks away, and/or through an operating environment with at least two applications by storing the application state of the previous active application in response to the active application changing. The wireless phone may embody at least one of these interactions and may include a processor. Also disclosed, a program system, installation package and/or a download server in accord with at least one of these embodiments. A wearable display configured to wirelessly communicate with the phone and display web view presentations and/or application displays is also disclosed.



A. CLASSIFICATION OF SUBJECT MATTER**G06F 15/16(2006.01)i, G06F 17/00(2006.01)i**

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC: G06F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Korean utility models and applications for utility models since 1975

Japanese utility models and applications for utility models since 1975

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

eKOMPASS(KIPO Internal), Google, YesKisti

keywords: mobile, phone, state, send, server

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 05784628 A (RENERIS, K. S.) 21 July 1998 See abstract, lines 30-50 in column 13, and figures 4,7.	1-13
A	US 06330234 B1 (TOMASI, P. A. et al.) 11 December 2001 See abstract and claims 1-34.	1-13
A	US 20060095916 A1 (NISHIDA, T.) 4 May 2006 See paragraphs [11]-[30] and claims 1-18.	1-13
A	US 20060271652 A1 (STAVRAKOS, N. et al.) 30 November 2006 See abstract and claims 1-19.	1-13

 Further documents are listed in the continuation of Box C. See patent family annex.

* Special categories of cited documents:

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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 05784628 A	21.07.1998	NONE	
US 06330234 B1	11.12.2001	NONE	
US 20060095916 A1	04.05.2006	JP 2006127208 A	18.05.2006
US 20060271652 A1	30.11.2006	NONE	