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(54) **USER INTERFACE FOR MOBILE COMPUTER UNIT**

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(57) **ABSTRACT**

A computer readable medium storing a computer program with computer program code, which, when read by a mobile computer unit, allows the computer to present a user interface for the mobile computer unit. The user interface includes a touch sensitive area in which a portion of a first window and a portion of a second window are displayed. The user scrolls the first window when an object touches a corresponding location in the touch sensitive area at which the first window is displayed, and scrolls the second window when an object touches a corresponding location in the touch sensitive area at which the second window is displayed. The user interface displays a plurality of keys which are selected when an object touches a corresponding key location and are activated when the object applies additional pressure to the corresponding key location. Alternatively, the key is activated when an object touches its corresponding location. The user interface presents keys in a manner facilitating entry of Chinese characters using stroke and Pinyin input.

PINYIN

FIG. 1

PINYIN

FIG. 2

Fig. 3

From: **Karl Asp**, Please call me
From: **Summer**, CALL ME!!
sms From: **Dick**, We have a greate d

RSS   NEWS | SPORT | MORE
Kid shot down scool class in

Mikael Hagma
Steve Jobs
Rod Johnston

◄   dec 7   ►
12:00 Lunch Mika
14:00 Dev

dragmol
You have
new Gmails

NEON
3,71   +0,00
SUS-INDU
13 619,89   +174,93

14211 Pictures left
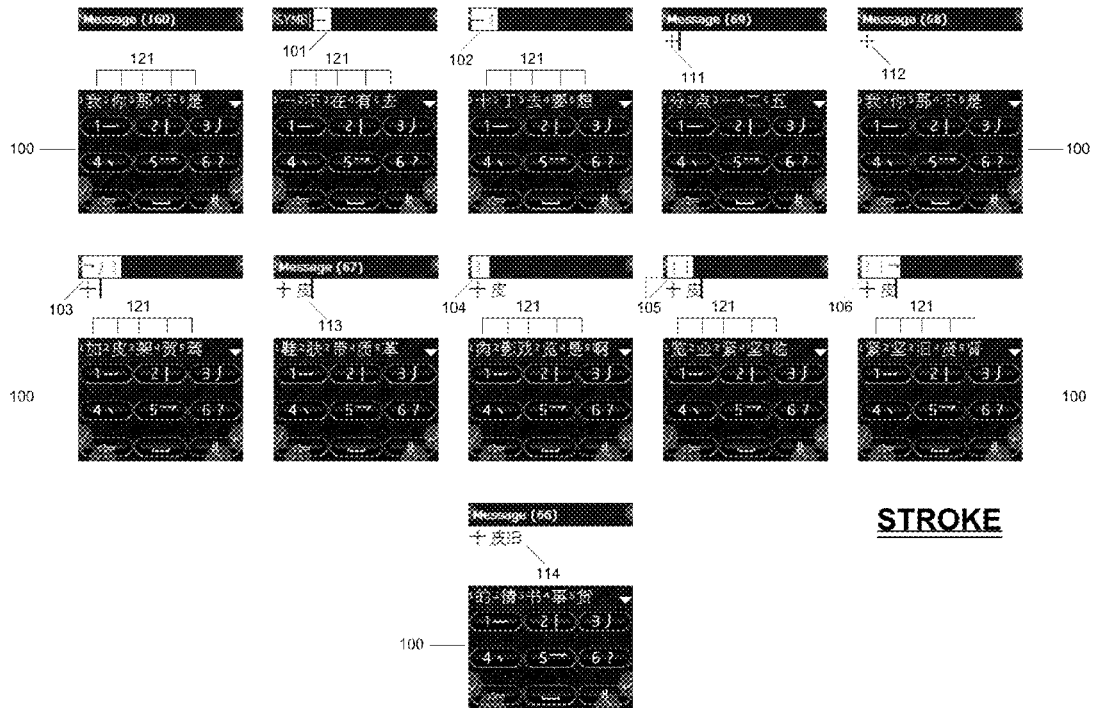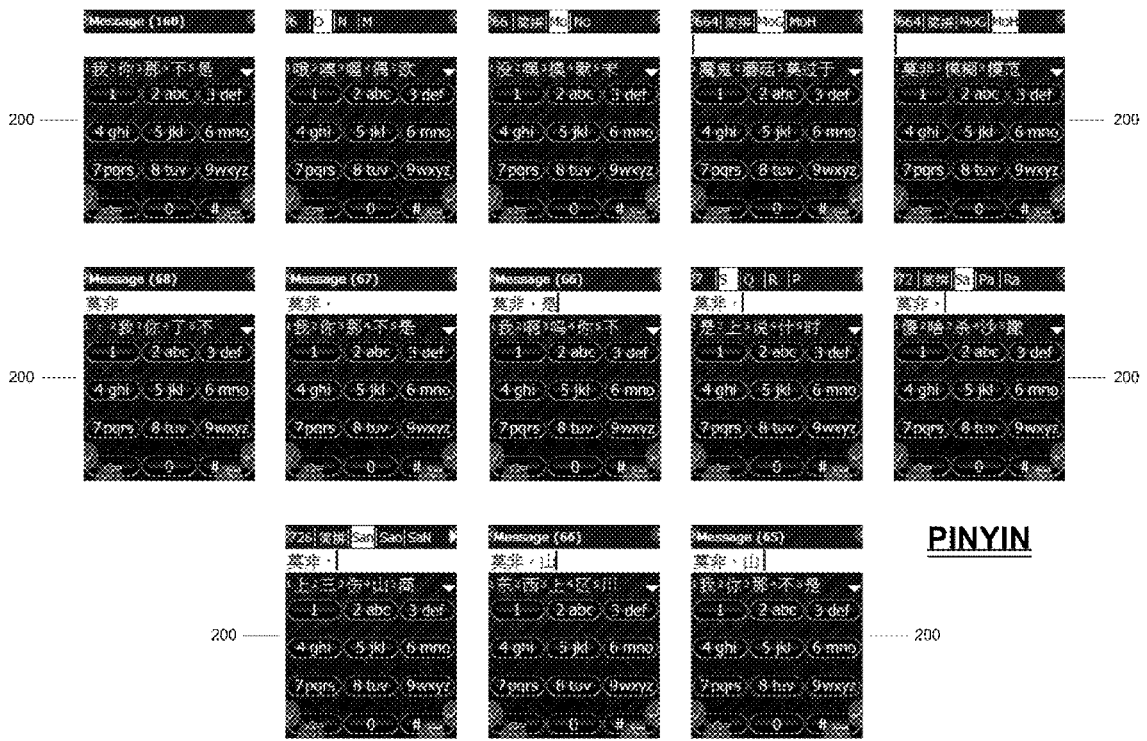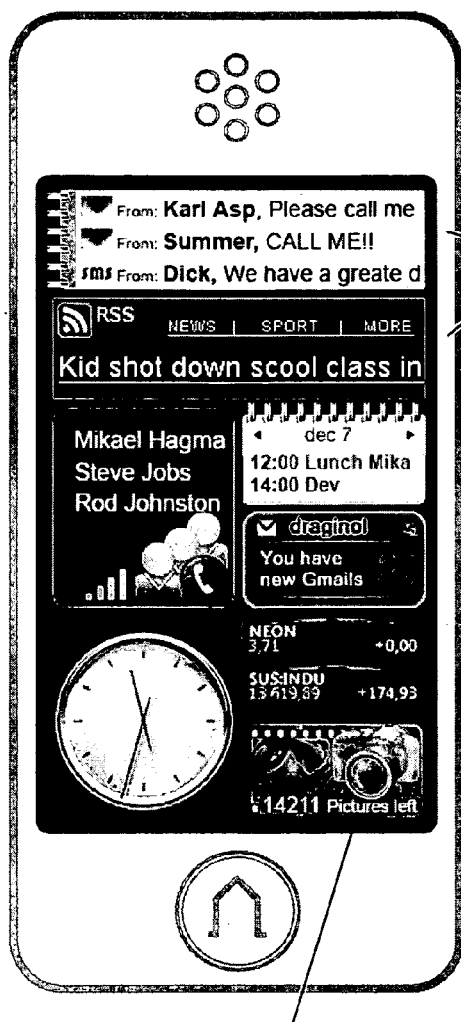
A gadget is an application running on the phone. In their icon like state Gadgets are also running showing information like latest incoming message, current song played, currency, wheather etc. A gadget can be any type of application.

-Streaming Radio
-Note book
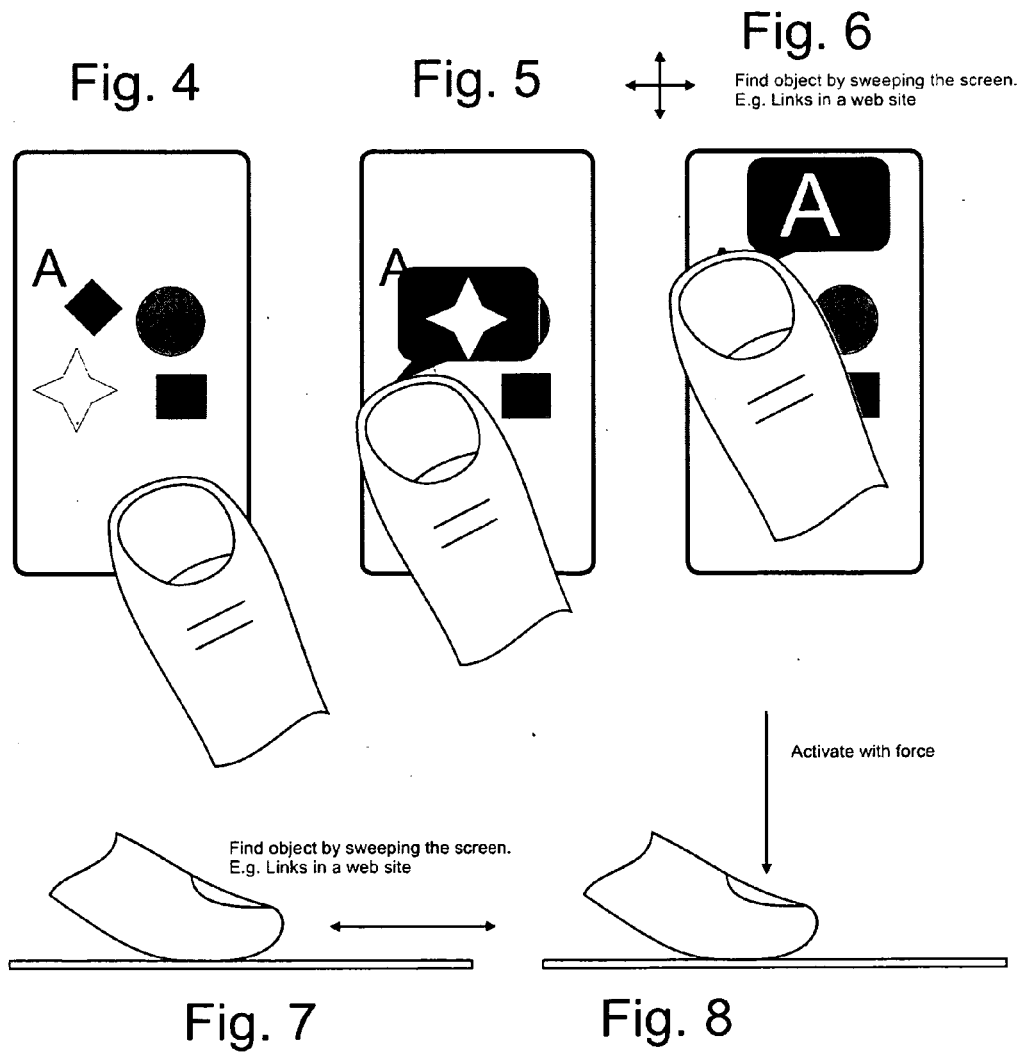-Web mail
-Phone application
-Clock
etc.

A Gadget can be updated with information both from the phone (new SMS) or from a third party over the internet (RSS Feed)

A Gadget in icon state at the home screen can only take a defined space

In most cases a gadget can beexpandedeither displayed like an overlay directly on the home screen like the volume control or displayedas a full screen application like the camera.

Problem: It is hard to hit the right item on a touch display because when you move the finger to and from the surface it is also easy move it in X-Y direction by mistake especialy when used with one hand .

Solution: Use a conventional touchtechnology to find the object in X-Y position. Add tactile or graphical ilustration were your finger is and use a force sensor to the display to read the activation.

Fig. 6

Find object by sweeping the screen.
E.g. Links in a web site

Fig. 4

Fig. 5

A

A

A

Activate with force

Find object by sweeping the screen.
E.g. Links in a web site

Fig. 7

Fig. 8

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