pressure generated by the right grip. Also, the portable terminal **100** can check whether the direction, intensity, and duration of the detected pressure satisfy preset conditions. If the detected values satisfy the preset conditions, the portable terminal **100** can generate a grabbing motion signal. The portable terminal **100** can also generate a touch event using a touch sensor when the grabbing motion signal has been generated. The portable terminal **100** can, in some cases, simultaneously generate a touch event and a grabbing motion signal; in some cases, generate a touch event within a determined time period after generation of the grabbing motion signal; and in some cases, generate a grabbing motion signal within a determined time period after the touch event is generated. For example, if a display unit **151** is touched when the user is grabbing the portable terminal **100**, the portable terminal **100** may recognize the generated grabbing motion signal and the touch event according to the complex signals defined by the idle screen application program being executed. Thus, the portable terminal **100** can output a screen defined according to generation of a touch event and a grabbing motion signal. The screen may display a menu screen as in screen **53**. The menu screen may be, for example, a camera function and/or a MP3 function corresponding to a file playing function.

According to another example, the user of the portable terminal **100** can grab the portable terminal **100** with a left hand of the user as in screen **55**, and can touch the idle screen. The portable terminal can detect the direction, intensity, and pressure of the motion (e.g., grabbing) of the user, and can recognize the left grip. The portable terminal **100** can detect a touch event on the display unit **151**. Thus, the portable terminal **100** can control an application program according to the left grip motion signal and the touch event according to the information defined in the function table for a left grip. The portable terminal **100** may then output a display screen, for example, a message writing window, as shown in screen **57**. The portable terminal **100** can output a key map for writing a message on the lower side of the message writing window.

The portable terminal **100** can have a piezoelectric sensor for detecting the direction, intensity, and duration of the grabbing motion. The portable terminal **100** can have piezoelectric sensors on several areas of the body of the portable terminal **100** to clearly detect the direction and intensity of the grabbing motion, and can determine the direction and intensity based on the signal values transmitted from corresponding piezoelectric sensors.

As stated above, the portable terminal **100** can detect the direction, intensity, and duration of a grip of the portable terminal **100**, can detect a grabbing motion signal, and can control given application programs according to touch events. For example, the portable terminal **100** can control various user functions of the portable terminal **100** such as a camera function, file playing function, message writing function, file search function, and a phone call function. The portable terminal **100** can also detect the grabbing motion signals as various motion signals depending on the direction, so that various input methods can be provided. For example, a touch event may be generated before, after, or at the same time as the grabbing motion. The portable terminal **100** can recognize different input methods for generation of a grabbing motion signal after generation of a touch event, and for generation of a touch event after generation of a grabbing motion signal, may control the application program in a different manner based on the order of the grabbing motion signal and touch event.

The portable terminal **100** can perform different application controls depending on the portion of the display unit **151** where a touch event is generated. Specifically, after the user generates a grabbing motion signal by applying pressure to the body of the portable terminal **100**, if an area of the display unit **151** such as an upper central area, a central area, a lower central area, and each edge area of the display unit **151** is touched, the portable terminal **100** can activate application programs and control the application program being executed based on the touched area. The portable terminal **100** can also generate different grabbing motion signals depending on the direction, intensity, and duration of the grabbing motion signal, and can generate different input signals depending on the reference point where the touch event recognized as a complex signal is generated. Thus, the portable terminal **100** can generate various input signals depending on the grabbing motion and the touch event, and can operate application programs differently.

FIG. **6** illustrates a control of a portable terminal **100** according to a shaking motion according to exemplary embodiments of the present invention.

Referring to FIG. **6**, the portable terminal **100** can display various types of content which may be stored in the storage unit **170**, as shown in screen **61**. The content displayed in the display unit **151** may be icons representing, for example, a photo file, a music file, and widget icons. Icons displayed on screen **61** may be a watch-shaped icon, a car-shaped icon showing traffic information, and/or a money-shaped icon showing finance-related information such as securities and real estates. Widget icons can be displayed on the idle screen depending on the setting of the portable terminal **100**, and can be positioned at one side of the display unit **151**. After activating the widget application program, the user can add, remove, or move widget icons providing different information from the display unit **151**.

The user of the portable terminal **100** can touch, for example, a weather icon or can shake the portable terminal **100** while touching the icon. The portable terminal **100** can recognize that the weather icon has been selected by detecting the touch event generated on the touched icon. If the user shakes the portable terminal **100** in a certain direction, amplitude, and frequency, the portable terminal **100** can determine whether the direction, amplitude, and frequency satisfy preset conditions. The portable terminal **100** can use an acceleration sensor, a magnetic sensor, and/or a gyro sensor to generate a shaking motion signal corresponding to the direction, amplitude, and frequency.

If the generation of a touch event and a shaking motion signal is detected, the portable terminal **100** can control the application program being executed with reference to the function table. That is, while the portable terminal **100** controls only the weather icon (i.e., the widget icon where a touch event has been generated) at the position of the touch event, other widget icons can be controlled to disappear from the display unit **151**, or a box may be displayed on the right bottom side of the display unit **151** to contain the other widget icons. That is, the portable terminal **100** can provide a widget icon arrange function based on the touch event and shaking motion signals by processing other icons except the widget icon on which a touch is detected.

In the foregoing description of FIG. **6**, displayed content was referred to as widget icons. However, the displayed content may include other visual elements, such as, for example, photo file icons, music file icons, and/or menu icons.

In FIG. **7**, if a user requests a music player function (i.e., MP3 function) using a menu selection or a key input, the portable terminal **100** can output a screen for supporting the MP3 function, as shown in screen **71**. The screen **71** for supporting the MP3 function may include an "MP3" index information area, which provides the types of the application