

Apple Inc. v. Firstface Co., Ltd.
Case No. IPR2019-00613
Case No. IPR2019-00614

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Patent Owner's Presentation
May 5, 2020

Claim 1 of U.S. Patent No. 9,633,373

1. A mobile communication terminal comprising:
a touch screen display;
a camera;

55 a power button configured to turn on and off the terminal
by pressing; and
an activation button separate from the power button and
located outside the touch screen display, the activation
button configured for pressing to turn on the touch
60 screen display and to initiate one or more additional
functions of the terminal,

wherein the terminal has a first function and a second
function to perform in response to user input via the
activation button and is configured to provide user
65 settings for configuring at least one of the first and
second functions such that at least one of the first and
second functions is set to be performed in addition to

turning on the touch screen display upon pressing of
activation button while the touch screen display
turned off, wherein the first and second functions
different from each other and selected from the group
consisting of fingerprint authentication, activating
camera, and an operation that involves playing a sound,
wherein upon one-time pressing of the activation button
while the touch screen display is turned off, the terminal
is configured to turn on the touch screen display and to
further perform at least one of the first and second
functions in addition to turning on the touch screen
display such that:

a lock screen is displayed on the touch screen display
upon turning on the touch screen display in response
to the one-time pressing of the activation button
while the touch screen display is turned off,
in response to the one-time pressing of the activation
button, the first function is performed in addition to
turning on the touch screen display for displaying the
lock screen thereon, and

the second function is performed when the one-time
pressing is for long time longer than a reference time
period,

wherein at least one of the first and second functions
performed subsequent to turning on the touch screen
display and displaying the lock screen in response to
the one-time pressing of the activation button,

wherein the touch screen display displays the lock
screen when at least one of the first and second

Claim 1 of U.S. Patent No. 9,779,419

What is claimed is:

1. A mobile communication terminal comprising:
a touch screen display;

55 a power button configured to turn on and off the terminal
by pressing; and

an activation button separate from the power button and
60 located outside the touch screen display, the activation
button configured for pressing to turn on the touch
screen display,

wherein upon one-time pressing of the activation button
while the touch screen display is turned off, the termi-
nal is configured to turn on the touch screen display and
perform a fingerprint authentication function in addi-
65 tion to turning on the touch screen display such that:
a lock screen is displayed on the touch screen display
upon turning on the touch screen display in response

to the one-time pressing of the activation button
while the touch screen display being turned off,
in addition to turning on the touch screen display and
displaying the lock screen, the one-time pressing,
while the touch screen display being turned off,
initiates the fingerprint authentication function,
the lock screen is displayed on the touch screen display
when the fingerprint authentication function initiated
by the one-time pressing is being performed,
a lock state of the terminal continues when the finger-
print authentication function fails to authenticate
user, and
the lock state is released for enabling other functions of
the terminal when the fingerprint authentication
function authenticates a user in response to the
one-time pressing of the activation button while the
touch screen display being turned off, wherein the
terminal is further configured to perform at least one
function other than the fingerprint authentication
function in addition to turning on the touch screen
display for displaying the lock screen in response to
the one-time pressing of the activation button when
the one-time pressing is for long time longer than
reference time period, wherein the at least one func-
tion to perform in addition to turning on the touch
screen display for displaying the lock screen is
response to the one-time pressing for long time is
associated with initiating a hands-free operation of
the terminal.

Ex. 1007 - iOS

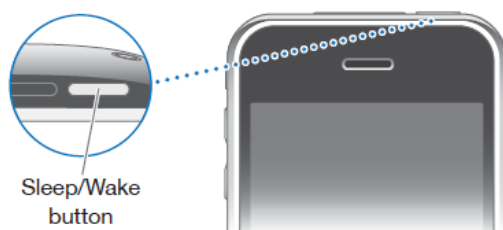


iPhone
User Guide
For iPhone OS 3.1 Software

Apple Ex. 1007

Ex. 1007 - iOS

By default, if you don't touch the screen for a minute, iPhone locks automatically.



Lock iPhone	Press the Sleep/Wake button.
Unlock iPhone	Press the Home <input type="checkbox"/> button or the Sleep/Wake button, then drag the slider.
Turn iPhone completely off	Press and hold the Sleep/Wake button for a few seconds until the red slider appears, then drag the slider. When iPhone is off, incoming calls go straight to voicemail.
Turn iPhone on	Press and hold the Sleep/Wake button until the Apple logo appears.

For information about changing how long before iPhone locks, see "Auto-Lock" on page 145. For information about setting iPhone to require a passcode to unlock it, see "Passcode Lock" on page 145.

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