user does not have substantial difficulty in using the display area 250 may be provided. Hereinafter, the “folded state of the foldable electronic device 2” described in the disclosure may refer to the fully folded state in contrast to the intermediate state which is the less folded state.

[101] According to an embodiment, when the foldable electronic device 2 is viewed in the unfolded state, the display area 250 of the first display module 25 may be provided in a symmetrical shape with respect to the center line A of the foldable electronic device 2. The center line A of the foldable electronic device 2 may correspond to the center of the width of the third display area 253 extending from a first boundary between the first display area 251 and the third display area 253 to a second boundary between the second display area 252 and the third display area 253 when the foldable electronic device 2 is viewed in the unfolded state. The illustrated +x coordinate axis may be substantially perpendicular to the center line A, and the illustrated +y coordinate axis may be substantially parallel to the center line A. In the front surface of the foldable electronic device 2 provided by the first display area 251, the first front surface area provided by the first display area 251 may be substantially parallel to the x-y plane.

[102] According to an embodiment, the third display area 253 arranged in a bent shape when of the foldable electronic device 2 is in the folded state may be provided in a substantially symmetrical shape with reference to the center line A of the foldable electronic device 2.

[103] According to an embodiment, when the foldable electronic device 2 is viewed in the unfolded state, the display area 250 of the first display module 25 may have a substantially rectangular shape.

[104] According to an embodiment, the first housing 21 may include a first frame (or, a first frame structure or a first framework) 211, and a first cover 212 disposed on (or coupled) to the first frame 211. The combination of the first frame 211 and the first cover 212 may provide a “first rear surface area” and a “first side surface area” in the exterior of the foldable electronic device 2. The first frame 211 may provide at least a portion of the first side surface area of the foldable electronic device 2. The first cover 212 may provide at least a portion of the first rear surface area of the foldable electronic device 2. The first rear surface area may be oriented in a direction opposite to the first front surface area of the foldable electronic device 2 provided by the first display area 251 of the first display module 25.

B2 and the third edge B3 are connected may be provided (or formed) in a smoothly curved shape.

[118] According to an embodiment, when viewed from above the first cover 212, the first edge B1, the second edge B2, the third edge B3, and the fourth edge B4 may surround the first cover 212.

[119] According to an embodiment, the second side 2212 of the second frame 221 may include a fifth edge B5, a sixth edge B6, a seventh edge B7, and/or an eighth edge B8. The fifth edge B5 may extend in a direction perpendicular to the center line A of the foldable electronic device 2. The seventh edge B7 may be spaced apart from the fifth edge B5 in the direction of the center line A of the foldable electronic device 2, and may be substantially parallel to the fifth edge B5. The sixth edge B6 may interconnect one end of the fifth edge B5 and one end of the seventh edge B7. The eighth edge B8 may interconnect the other end of the fifth edge B5 and the other end of the seventh edge B7. The sixth edge B6 and the eighth edge B8 may be substantially parallel to each other. The eighth edge B8 may be located closer to the center line A of the foldable electronic device 6 than the sixth edge B6.

[120] According to an embodiment, a third corner C3 where the fifth edge B5 and the sixth edge B6 are connected, and/or a fourth corner C4 where the sixth edge B6 and the seventh edge B7 are connected may be provided (or formed) in a smoothly curved shape.

[121] According to an embodiment, when viewed from above the second cover 222, the fifth edge B5, the sixth edge B6, the seventh edge B7, and the eighth edge B8 may surround the second cover 222.

[122] According to an embodiment, in the folded state of the foldable electronic device 2, the first side 2112 of the first frame 211 and the second side 2212 of the second frame 221 may be aligned with and overlap each other. In the folded state of the foldable electronic device 2, the first edge B1 and the fifth edge B5 may be aligned with and overlap each other. When the foldable electronic device 2 is in the folded state, the second edge B2 and the sixth edge B6 may be aligned with and overlap each other. When the foldable electronic device 2 is in the folded state, the third edge B3 and the seventh edge B7 may be aligned with and overlap each other.

[123] According to an embodiment, the fourth edge B4 and the eighth edge B8 may be located on opposite sides of the third display area 253. When viewed from above the front surface of the foldable electronic device 2 in the unfolded state, the fourth edge B4 and the eighth edge B8 may be invisible. For example, referring to the

receiver. The third speaker may be accommodated in the first housing 21 to correspond to the third speaker hole H23 provided between the second cover 222 and the seventh edge B7 of the second side 2212. The positions or numbers of communication speakers and speaker holes corresponding to the speakers may vary without being limited to the illustrated example.

[192] According to an embodiment, the key input module may include a first key (or first side key) 309, a second key (or second side key 310), and/or a key signal generator (not separately illustrated). The first key 309 may be located in the first key hole included in the second edge B2 of the first side 2112. The second key 310 may be located in the second key hole included in the second edge B2 of the first side 2112. The key signal generator may be configured to generate a first key signal in response to a press or touch on the first key 309 and a second key signal in response to a press or touch on the second key 310. The positions or number of key input modules may vary without being limited to the illustrated example.

[193] According to an embodiment, the first connection terminal 311 (or, a first connector or a first interface terminal) may be accommodated in the first housing 21 to correspond to a first connection terminal hole (e.g., a first connector hole) included in the third edge B3 of the first side 2112. The foldable electronic device 2 may transmit and/or receive power and/or data to/from an external electronic device electrically connected to the first connection terminal 311. The first connection terminal 311 may include, for example, a USB connector or an HDMI connector. The positions of the first connection terminal 311 and the first connection terminal hole corresponding to the first connection terminal 311 may vary without being limited to the illustrated example.

[194] According to an embodiment, the second connection terminal 312 (or, a second connector or a second interface terminal) may be accommodated in the second housing 22 to correspond to a second connection terminal hole (e.g., a second connector hole) included in the sixth edge B6 of the second side 2112. An external storage medium such as a secure digital memory (SD) card, an SIM card, or a universal SIM (USIM) may be connected to the second connection terminal 312. The positions of the second connection terminal 312 and the second connection terminal hole corresponding to the second connection terminal 312 may vary without being limited to the illustrated example.

[195] The foldable electronic device 2 may further include various components depending on its provided form. Although these components cannot be all listed as

point P1, and may flow on the seventh metal E7 from the second point P2 to the fourth point P4. At the time of positive feeding to the first electrical path EP1 and negative feeding to the second electrical path EP2 when the foldable electronic device 2 is in the folded state, the direction in which the current (or radiation current) flows on the first metal E1 from the third point P3 to the first point P1 and the direction in which the current flows on the seventh metal E7 from the second point P2 to the fourth P4 may be substantially the same. When the currents are caused to flow in substantially the same direction on the first metal E1 and the seventh metal E7 which are aligned with and overlap each other when the foldable electronic device 2 is in the folded state, it is possible to improve radiation performance by generating an electromagnetic field with a relatively high intensity of electromagnetic force, compared to the case where the currents are caused to flow in opposite directions (e.g., reverse directions) on the first metal E1 and the seventh metal E7 which are aligned with and overlap each other when the foldable electronic device 2 is in the folded state.

[274] FIG. 10 is a view illustrating the foldable electronic device 2 according to an embodiment of the disclosure in an unfolded state. It is to be understood that the disclosure conceives and includes all of the combinations of features and/or embodiments disclosed with reference to FIG. 10. That is, all of the combinations of features described below with reference to FIG. 10 are to be considered as being included in the disclosure as specific examples.

[275] Referring to FIG. 10, the foldable electronic device 2 may include a first side metal 2112E including a plurality of metals E1, E2, E3, E4, E5, and E6, a second side metal 2212E including a plurality of metals E7, E8, E9, E10, E11, and E12, a first ground area G1, a second ground area G2, a first electrical path EP1, a second electrical path EP2, a fifth electrical path EP5, an eighth electrical path EP8, a wireless communication circuit 610, an EMI filter 620, a matching circuit 630, a first filter 640, and/or a second filter 650. Descriptions of some components of FIG. 10 that are indicated by the same reference numerals as those illustrated in FIG. 6 will be omitted.

[276] According to an embodiment, a third exemplary antenna structure 1000 included in the foldable electronic device 2 may include a first metal E1, a seventh metal E7, a first ground area G1, a second ground area G2, a first electrical path EP1, a second electrical path EP2, a fifth electrical path EP5, and/or an eighth electrical path EP8.

[277] According to an embodiment, the eighth electrical path EP8 may electrically interconnect the first metal E1 and the seventh metal E7. The third electrical path

comparative example, radiation performance can be secured through the antenna structure 1710 even when a grip position of a user's hand for the foldable electronic device 2 in the unfolded or folded state overlaps the spiral conductive pattern 1100.

[340] According to various embodiments, the embodiment of FIG. 6, 9, 10, 11, 12, or 13 may be configured to such that the wireless communication circuit 610 provides (or feeds) a +voltage to the second electrical path EP2 and provides (or feeds) a -voltage to the first electrical path EP1.

[341] FIG. 18 is a view illustrating a foldable electronic device 2 according to an embodiment of the disclosure in an unfolded state. It is to be understood that the disclosure conceives and includes all of the combinations of features and/or embodiments disclosed with reference to FIG. 18. That is, all of the combinations of features described below with reference to FIG. 18 are to be considered as being included in the disclosure as specific examples.

[342] Referring to FIG. 18, a foldable electronic device 2 may include a first side metal 2112E including a plurality of metals E1, E2, E3, E4, E5, and E6, a second side metal 2212E including a plurality of metals E7, E8, E9, E10, E11, and E12, a first ground area G1, a second ground area G2, a first non-ground area NG1, a second non-ground area NG2, a third non-ground area NG3, a fourth non-ground area NG4, a first electrical path EP1, a second electrical path EP2, a third electrical path EP3, a fourth electrical path EP4, a fifth electrical path EP5, an eleventh electrical path EP11, a twelfth electrical path EP12, a thirteenth electrical path EP13, a fourteenth electrical path E14, a wireless communication circuit 610, an EMI filter 620, a matching circuit 630, a first filter 640, and/or a second filter 650. A fourth exemplary antenna structure 1800 may include a first metal E1, a seventh metal E7, a fifth metal E5, an eleventh metal E11, a first ground area G1, a second ground area G2, a first electrical path EP1, a second electrical path EP2, a third electrical path EP3, a fourth electrical path EP4, a fifth electrical path EP5, an eleventh electrical path EP11, a twelfth electrical path E12, a thirteenth electrical path E13, and/or a fourteenth electrical path E14. The embodiment of FIG. 18 may further include the eleventh electrical path EP11 and the twelfth electrical path EP12 compared to the embodiment of FIG. 6. Descriptions of some components of FIG. 18 that are indicated by the same reference numerals as those illustrated in FIG. 6 will be omitted.

[343] According to an embodiment, the eleventh electrical path E11 may electrically interconnect the first electrical path E1 and the fifth metal E5. A fifth point P5 on the fifth metal E5 may be electrically connected to the first electrical path