

[0115] For this purpose, hinge pins at both sides of the disk cover **130** are insertedly installed in the upper housing **120**. The disk cover **130** is supported by an open spring **131** in a direction that it is constantly opened.

[0116] With reference to **FIG. 5**, a hooker **132** is installed at one side of a lower surface of the front end of the disk cover **130**. The hooker **132** includes a hooking jaw **132'** formed at its front end. A corresponding construction to the hooker **132** is formed at an inner side of the upper opening **123**. That is, a ring through hole **133** is formed at a position corresponding to the hooker **132**.

[0117] As shown in **FIG. 9**, a hooking spring **134** to which the hooking jaw **132'** of the hooker **132** is hooked is engaged and mounted at a mounting rib **134r** by a screw, at the lower surface of the upper housing **120** corresponding to the inside of the ring through hole **133**. The hooking spring **134** is a fort of a plate spring.

[0118] A round protruded face **134'** is formed curved at one side of the hooking spring **134**. As shown in **FIGS. 9 and 10**, when a locking unit **135** (to be described) is released from engagement, the front end of the disk cover **130** is lifted and opened by an elastic force of the open spring **131**, and the hooking jaw **132'** of the hooker **132** is hooked so that the disk cover **130** can not be rapidly opened.

[0119] When the user applies a force in a direction that the disk cover is opened, the round protrusion face **134'** of the hooking spring **134** is depressed by the hooking jaw **132'** and elastically transformed, so that the hooker **132** can be released from the ring through hole **133**.

[0120] In a state that the hooker **132** is hooked at the round protrusion face **134'** as shown in **FIG. 10**, the disk cover **130** is partially opened as shown in **FIG. 6**, as the engaging unit **132** is released from its engagement.

[0121] In order for the disk cover **130** to be maintained in the closed state, a locking unit **135** is installed at a lower surface of the front end of the disk cover **130**.

[0122] As shown in **FIG. 11**, the locking unit is installed at the through hole **130'** formed penetrating at one side of the disk cover **130**.

[0123] An engaging piece **130a** is formed protruded at one side of an inner wall of the through hole **130'**, so as to support the locking unit **135**. In order to support the locking unit, a pin hooking hole **130c** is formed at the side wall of the disk cover **130**.

[0124] The locking unit **135** includes a release button **135'**, a locking hooker **136** and a housing **137**. The release button **135'** is exposed outwardly through the through hole **130'** of the disk cover **130**, and a plurality of combination hooks **135h** are formed long and engaged with the housing **137** at the lower portion thereof.

[0125] A cam protrusion **135c** is formed at the lower surface of the release button **135'** in order to drive the locking hooker **136**.

[0126] The locking hooker **136** has a locking piece **136'** protruded at its front end and is inserted into a locking groove **139** (to be described) to maintain a locking state of the disk cover **130**.

[0127] The locking piece **136'** is formed inclined at its lower surface of the front end, and in this respect, the inclined face is formed so that the front end can be sharp.

[0128] A drive cam hole **136d** is formed at the locking hooker **136** for interworking with the cam protrusion **135c** of the release button **135'**.

[0129] A hooking wing **136w** is formed at both ends of the locking hooker **136** so that it may not be released from the housing **137**.

[0130] A mold spring **136m** is formed at the opposite side of the locking piece **136'** to exert an elastic force in a direction that the locking piece **136'** is inserted into the locking groove **139**.

[0131] A shift cam face **136c** is formed at one side of the rear end of the locking hooker **136**.

[0132] The housing **137** includes an engaging hole **137'** formed at one side thereof and engaged with the engaging piece **130a** by a screw.

[0133] A hooking pin **137p** inserted into the pin hooking hole **130c** is formed at a position corresponding to the pin hooking hole **130c** at the side of the housing **137**.

[0134] A hook slot **137s** into which the combination hook **135h** penetrates is formed at a position corresponding to the combination hook **135h**.

[0135] A guide protrusion **137g** is formed inside the housing **137** to guide the shift cam face **136c** in order to guide movement of the locking hooker **136**, and a hooking portion **137c** is formed by which an end portion of the mold spring is supported.

[0136] Incoming and outgoing hole **137** is formed at the opposite side of the hooking portion **137c**, through which the locking piece **136'** of the locking hooker **136** received into and withdrawn from the housing **137**.

[0137] A release preventing piece **137k** is formed at both ends inside the housing **137**, at a position corresponding to the hooking wing **136w** of the locking hooker, so as to guide movement of the locking hooker **136** and prevent the locking hooker **136** from releasing from the housing **137**.

[0138] A mounting recess **138** is formed inside the upper opening **123** corresponding to the locking unit **135**. The mounting recess **138** is formed corresponding to the outer appearance of the housing **137** so that the locking unit **135** can be mounted inside in a state that the disk cover **130** is closed.

[0139] A locking groove **139** is formed at one side of the mounting recess **138**, so that the locking piece **136'** of the locking hooker **136** is lengthened to maintain the locking state of the disk cover **130**.

[0140] In this construction, the locking piece **136'** is constantly protruded outwardly of the housing **137** through the incoming and outgoing hole **137h** by the elasticity of the mold spring **136m**.

[0141] Thus, when the disk cover **130** is depressed to cover the upper opening **123**, the inclined face formed at the lower surface of the locking piece **136'** meets the inclined portion **139a** formed at one side of the mounting recess **138** and is guided along the portion where the locking groove