laundry, such as clothes, into washing machine 1100, and performs various types of operations for operating washing machine 1100. Note that the laundry in the present disclosure is not limited to clothes, but may be, for example, fabrics and leather products, such as bedclothes, curtains, carpeting, and shoes, and other various known washing-machine washables.

[0078] As illustrated in FIG. 17 and FIG. 18, washing machine 1100 includes casing 1600, lid 1700, operation unit 1800, and control unit 1900. Washing machine 1100 is what is called a top-loading washing machine that allows the laundry to be put into casing 1600 from above when washing machine 1100 is in the installed state. Casing 1600 includes lower casing 1610 and upper casing 1620. Lower casing 1610 is configured to accommodate washing tub 1500. Washing tub 1500 is in the shape of an open-top cylinder and configured to accommodate the laundry and perform a washing operation for washing the laundry. In other words, washing tub 1500 is disposed inside casing 1600 and configured to accommodate the laundry. The washing operation may be an operation performed by a washing tub of any type of various known washing machines. The principle of Embodiment 2 is not limited to a specific washing operation performed by washing tub 1500.

[0079] Upper casing 1620 is disposed above lower casing 1610. In upper casing 1620, loading opening 1621 for the laundry is formed to communicate with washing tub 1500. Lid 1700 is attached to a rear portion of upper casing 1620 and configured to cover loading opening 1621 in an openable and closable manner. When the user rotates lid 1700 upward, washing tub 1500 is exposed through loading opening 1621. The user can put the laundry into washing tub 1500 from loading opening 1621.

[0080] In a rear portion of upper casing 1620, operation unit 1800 is disposed at a position behind loading opening 1621. The user can operate operation unit 1800 to set various types of operations of washing tub 1500.

[0081] Water supply port 1200 is provided behind operation unit 1800. Water supply hose 1210 is connected to water supply port 1200 so as to introduce tap water from a tap.

[0082] Control unit 1900 is provided in casing 1600. Control unit 1900 is configured to control the operation of the whole of washing machine 1100 in response to the operation of operation unit 1800 by the user. For example, control unit 1900 is configured to control water supply valve 1310 (see FIG. 19) and liquid agent automatic feeding device 1301 (see FIG. 19). Control unit 1900 includes a computer system including a processor and a memory. When the processor executes a program stored in the memory, the computer

residual amount of a liquid agent stored in detergent tank 1450 and the residual amount of a liquid agent stored in softening agent tank 1460.

[0088] [2-1-2. Water Supply Unit]

FIG. 20 is a back view of the configuration of water supply unit 1300 and its surroundings. FIG. 21 is an exploded perspective view of the configuration of water supply unit 1300 and its surroundings. As illustrated in FIG. 21, water supply unit 1300 mainly includes: water supply unit casing 1320 being approximately box-shaped; flow-path lid unit 1340 configured to cover the top face of water supply unit casing 1320; and flow-path lower unit 1370 attached to the bottom of water supply unit casing 1320.

[0089] As illustrated in FIG. 19 and FIG. 20, water supply valve 1310 configured to be openable and closable to allow the passage of water introduced from water supply port 1200 is attached to the left side of water supply unit casing 1320 when seen from the back face thereof. With water supply valve 1310 open, water introduced via water supply valve 1310 is introduced into water supply unit casing 1320.

[0090] At the center of the back face of water supply unit casing 1320, bath pump 1314 configured to suck water via a hose (not illustrated) from the outside of washing machine 1100 is provided. Bath pump 1314 is fixed to flow-path lid unit 1340 with a screw, and directly connected to the later-described first water conveyance path 1321 via bath pump-specific water feed port 1333. When water is supplied from first water conveyance path 1321, bath pump 1314 can start suction and discharge operations.

[0091] As illustrated in FIG. 21, water supply unit casing 1320 is formed in an approximately box shape that is open forward. Water supply unit casing 1320 includes tank accommodation unit 1360 and detergent case accommodation unit 1350, each serving as an interior space. Tank accommodation unit 1360 independently drawably accommodates detergent tank 1450 and softening agent tank 1460, meanwhile detergent case accommodation unit 1350 independently drawably accommodates detergent case 1400.

[0092] Detergent case flow-path unit 1330 is provided to serve as the top face of detergent case accommodation unit 1350. In detergent case flow-path unit 1330, the later-described first water conveyance path 1321 and the later-described second water conveyance path 1322 are formed.

[0093] As illustrated in FIG. 3 and FIG. 4, liquid agent automatic feeding device 1301 is attached to the right side of water supply unit casing 1320 when seen from the back face thereof. Liquid agent automatic feeding device 1301 is configured to feed liquid agents