

ABSTRACT

DISCHARGE VALVE UNIT AND FLUID DEVICE

5 A discharge valve unit 50 is attached to a fluid device including a housing 1 including a first reservoir 41 for liquid and a first valve mechanism 42 including a first discharge hole 45 provided in the first reservoir 41 and a first valve member 43 accommodated in the first reservoir 41 and configured to open and close the first discharge hole 45. The discharge valve unit 50 includes: a valve case 51 configured to be detachably
10 attached to the housing 1 and including a second reservoir 52 for liquid configured to communicate with the first reservoir 41 when the valve case 51 is attached to the housing 1; and a second valve mechanism 53 disposed in the second reservoir 52 and including a second discharge hole 56 having a larger opening diameter than that of the first discharge hole 45 and a second valve member 54 accommodated in the second reservoir 52 and configured to
15 open and close the second discharge hole 56. The second valve mechanism 53 includes a spring 57 configured to bias the second valve member 54 in a valve opening direction. When a pressure of the second reservoir 52 increases to a predetermined value, the second valve member 54 closes the second discharge hole 56 against a biasing force of the spring 57.

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FIG.2