

CONCENTRATION APPARATUS AND CONCENTRATION METHOD

ABSTRACT

5 A concentration apparatus including a negatively charged membrane, a
sample water supply, a first solenoid valve on a flow path from the sample
water supply to the negatively charged membrane, an acidic solution storage
tank storing an acidic solution, a second solenoid valve on a flow path from
10 the acidic solution storage tank to the negatively charged membrane, an
alkaline solution storage tank storing an alkaline solution, a third solenoid
valve on a flow path from the alkaline solution storage tank to the negatively
charged membrane, an outlet to discharge fluid, a fourth solenoid valve and a
first suction pump each on a flow path from the negatively charged membrane
to the outlet, a collection container in which fluid is collected, a fifth solenoid
15 valve on a flow path from the negatively charged membrane to the collection
container, and a controller that controls opening and closing of the solenoid
valves.

Fig. 5