

## CAP, NUTRIENT CONTAINER USING THE SAME, AND NUTRIENT SUPPLY SET

### ABSTRACT

5           A cap 13 is to be secured to a mouth portion of a container main body portion of a nutrient container through which a liquid material filled in the container main body portion flows out, and a connector can be connected thereto. A thin film 16 that seals the container main body portion is attached to the mouth portion 12. The cap includes: a cap main body portion 22, a flow path opening member 19 attached to a  
10   tubular portion 21a of the cap main body portion; and a connection maintaining structure that can maintain a connected state with respect to the connector. The flow path opening member includes: a communication portion 19a including a piercing portion 194 that can pierce the thin film and a flow path through which the liquid material filled in the container main body portion can flow out of the nutrient  
15   container; and a cylindrical portion 19b that is arranged integrally with and around the communication portion 19a. The flow path opening member can assume a first attachment state and a second attachment state with respect to the tubular portion.

Figure 2