

ABSTRACT

STERILE CONNECTION/DISCONNECTION COUPLING AND METHOD

Fluid transfer device and method that allows for sterile wet connections, allows the connection to be reversed, and allows the connection to be reconnected, while leaving the connectors sterile and reusable under pressure. In certain embodiments, the device includes a first member and a second member, the latter adapted to receive the former in locking engagement upon actuation of the device to create fluid communication between the two in a sterile manner. Each of the members include a door that when opened, allows the first member to be linearly displaced into the second member to allow fluid to be transferred. When fluid transfer is complete, the first member can be retracted from the second member, and the doors closed.

(FIG. 1)