

PICK AND PLACE APPARATUS FOR TRANSFERRING OBJECTS**Abstract of the Disclosure**

A pick and place apparatus for picking, transferring and placing an object which is capable of performing picking and placing operations with high stability and high speed without causing a jamming. The pick and place apparatus has a negative pressure source therein and includes a first pressure detector for detecting suction condition in a process for picking up an object by applying a negative pressure from the negative pressure source, a second pressure detector for detecting suction-release condition in a process for placing the object on a predetermined position by releasing the negative pressure, and a controller for controlling an overall operation of the pick and place apparatus to proceed to the next procedure upon receiving a suction detection signal from the first pressure detector or a suction-release detection signal from the second pressure detector.

Figure: None