

ABSTRACT

PENS FOR BIOLOGICAL MICRO-OBJECTS

Individual biological micro-objects can be deterministically selected and moved into holding pens in a micro-fluidic device. A flow of a first liquid medium can be provided to the pens. Physical pens can be structured to impede a direct flow of the first medium into a second medium in the pens while allowing diffusive mixing of the first medium and the second medium. Virtual pens can allow a common flow of medium to multiple ones of the pens.

Fig. 1B