DRUG DELIVERY DEVICE

Abstract

A drug delivery device includes a housing having an interior space, a needle having retracted and deployed states, an injector to move the needle between retracted and deployed states, and a reservoir disposed within the interior space, the reservoir configured to receive a volume of a drug and to be in fluid communication with the needle. The drug delivery device also includes a controller coupled to the injector and the reservoir, and configured to actuate the injector to move the needle from the retracted state to the deployed state only once, and to actuate the reservoir to deliver the volume of the drug to the patient as a single bolus after a preselected time period has elapsed, the controller disposed within the interior space and configured prior to being disposed within the interior space. The delivery device is wearable, disposable, and single-use.

Figure 2