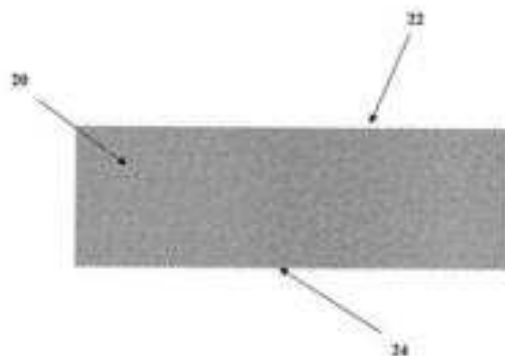


ABSTRACT

PERMEANT DELIVERY SYSTEM AND METHODS FOR USE THEREOF

Disclosed is a device for causing the transdermal flux of a permeant into a subject via at least one formed pathway through a skin layer of the subject. The device comprises a delivery reservoir comprising: i) a non-biodegradable matrix having a bottom surface and defining a plurality of conduits therein the matrix, at least a portion of the plurality of conduits being in communication with the bottom surface; and ii) an undissolved hydrophilic permeant disposed therein at least a portion of the plurality of conduits of the matrix, wherein the hydrophilic permeant can come in contact with subcutaneous fluid from the subject when the bottom surface of the matrix is positioned in fluid communication with the at least one formed pathway. Also disclosed are systems and methods for causing the transdermal flux of a permeant into a subject via at least one formed pathway through a skin layer of the subject.



(Figure 1)