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(54) Title: ENHANCED SEPTUM RETENTION FOR IMPLANTED OCULAR DELIVERY SYSTEMS

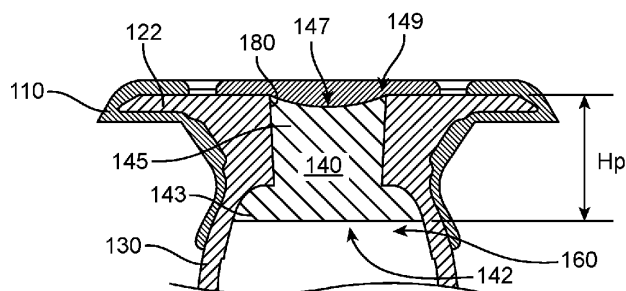


FIG. 5A

(57) Abstract: An ophthalmic drug delivery device including a body defining a refillable reservoir; an extrasceral flange projecting from a proximal end of the body and defining a bore extending from an upper surface of the flange into the reservoir; a septum including an upper surface connected to a lower surface by a curved outer surface. The curved outer surface of the septum forms a first bond with the bore. A perimeter region of the upper surface of the septum lies flush with a plane of the upper surface of the flange and a central region of the upper surface lies below the perimeter region. An elastomeric encasement extends over at least the upper surface of the flange and the upper surface of the septum and prevents displacement of the septum relative to the bore upon penetration by a needle. Related devices, systems, and methods are provided.



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