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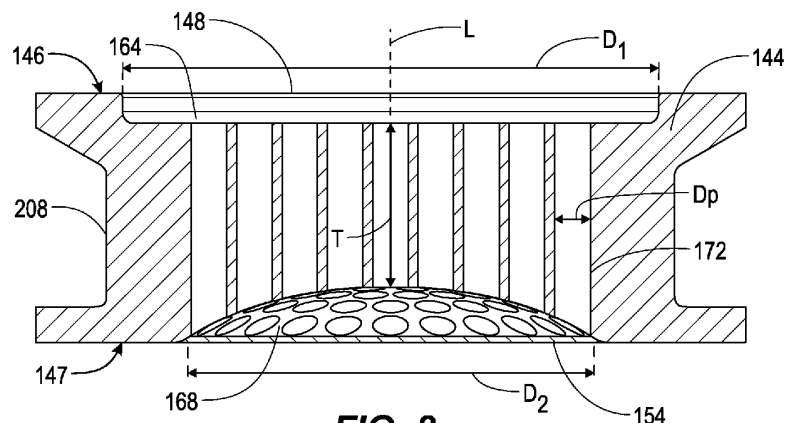


FIG. 8

(57) Abstract: A filter holder for liposome extrusion includes a housing having an inlet configured to receive a material to be extruded and an outlet, and a filter support member disposed within the housing between the inlet and the outlet. The filter support member includes an upstream side having a filter support surface configured to support a membrane filter assembly, a downstream side opposite the upstream side, and a plurality of passages extending through the filter support member from the filter support surface to the downstream side. The filter holder also includes an outlet cavity in fluid communication with the outlet, and the filter holder is configured such that the material to be extruded flows through the membrane filter assembly and into the outlet cavity via the plurality of passages before being discharged through the outlet.

[Continued on next page]

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