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(54) Title: SPARGER ASSEMBLIES FOR A BIOPROCESSING SYSTEM

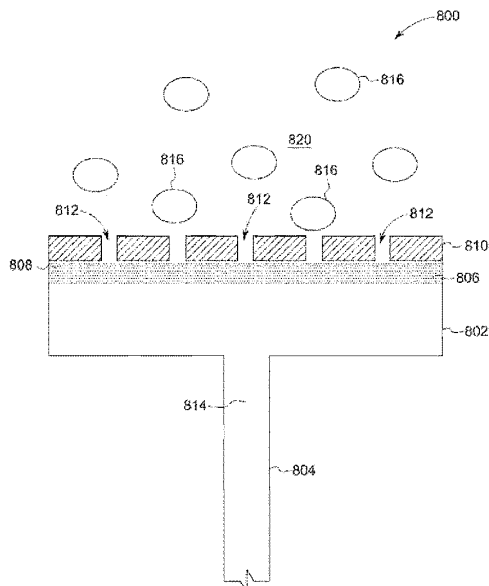


Fig. 25

(57) Abstract: A sparger assembly (800) for a bioprocessing system includes a first layer (806) having a plurality of pores (808) of a first size, and a second layer (810) disposed above the first layer and having a plurality of holes (812) of a second size, the second size being greater than the first size. The pores of the first layer and the holes of the second layer allow for the passage of a sparge gas through the first layer and the second layer.

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