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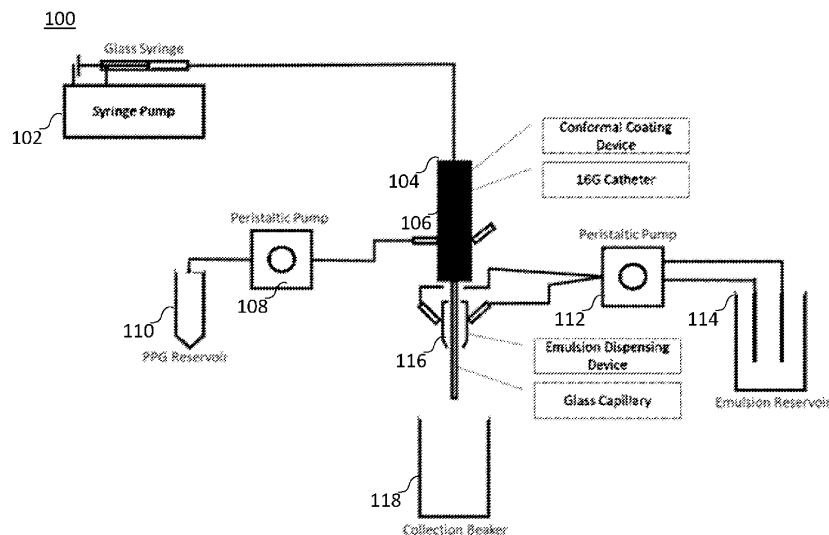
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(54) Title: CONFORMAL COATING OF CELLS FOR IMMUNOISOLATION

Figure 1A

(i).



(57) Abstract: Hydrodynamic methods for conformally coating non-uniform size cells and cell clusters with biomaterials for implan-
tation, thus preventing immune rejection or inflammation or autoimmune destruction while preserving cell functionality, are disclosed.
Further disclosed are reagents, apparatus, and methods for conformally coating cells and cell clusters with hydrogels that are biocom-
patible, mechanically and chemically stable and porous, with an appropriate pore cut-off size.

[Continued on next page]

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