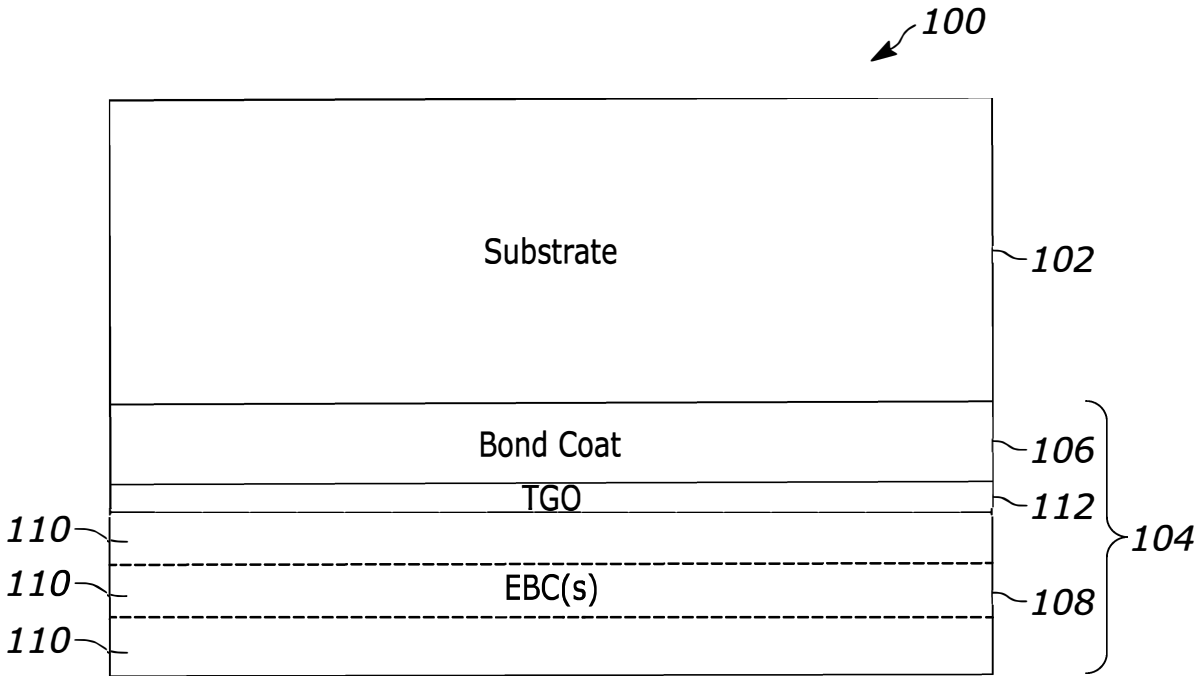

100
Substrate
102
Bond Coat
106
TGO
112
110
110
EBC(s)
108
110
104

FIG. 1

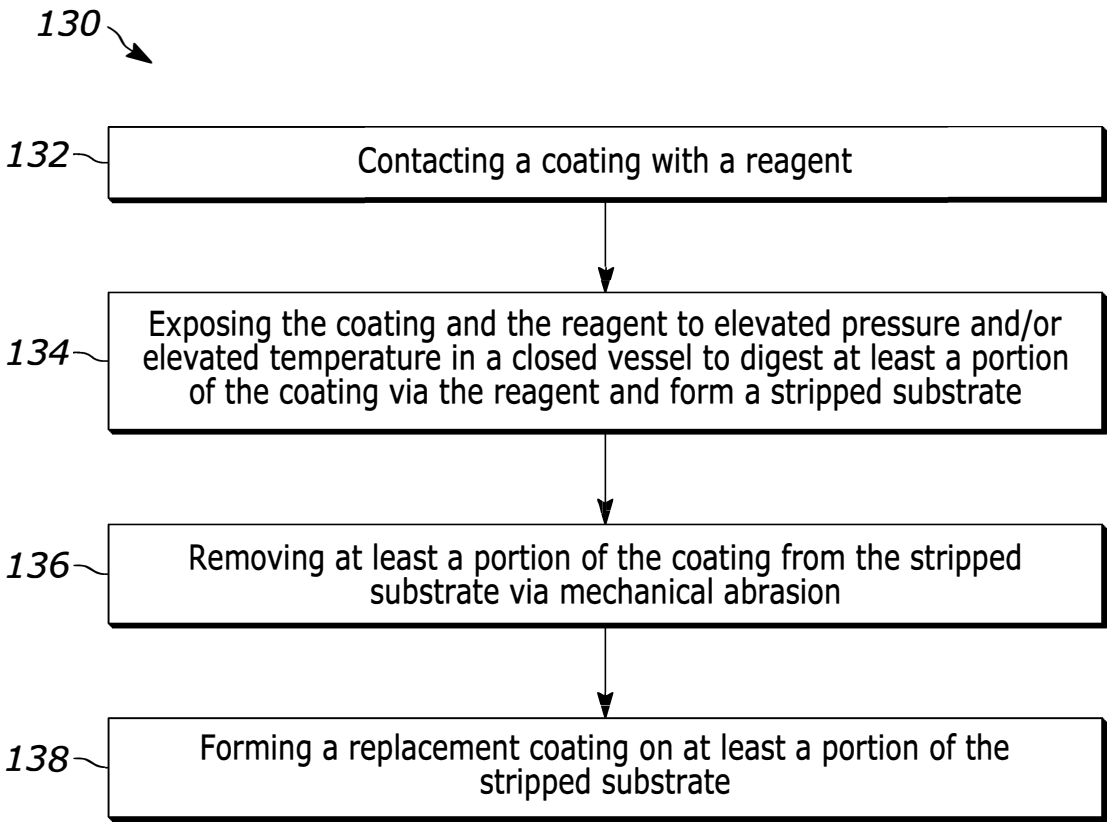

130
132
Contacting a coating with a reagent
134
Exposing the coating and the reagent to elevated pressure and/or elevated temperature in a closed vessel to digest at least a portion of the coating via the reagent and form a stripped substrate
136
Removing at least a portion of the coating from the stripped substrate via mechanical abrasion
138
Forming a replacement coating on at least a portion of the stripped substrate

FIG. 2

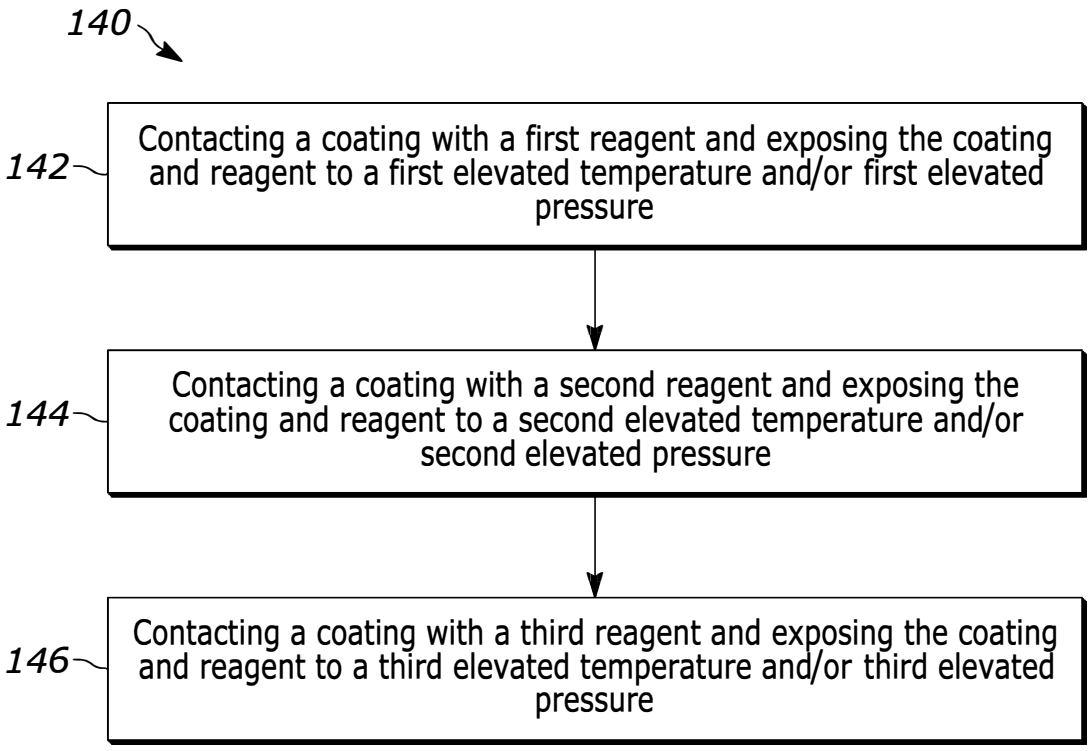

140
142
Contacting a coating with a first reagent and exposing the coating and reagent to a first elevated temperature and/or first elevated pressure
144
Contacting a coating with a second reagent and exposing the coating and reagent to a second elevated temperature and/or second elevated pressure
146
Contacting a coating with a third reagent and exposing the coating and reagent to a third elevated temperature and/or third elevated pressure

FIG. 3

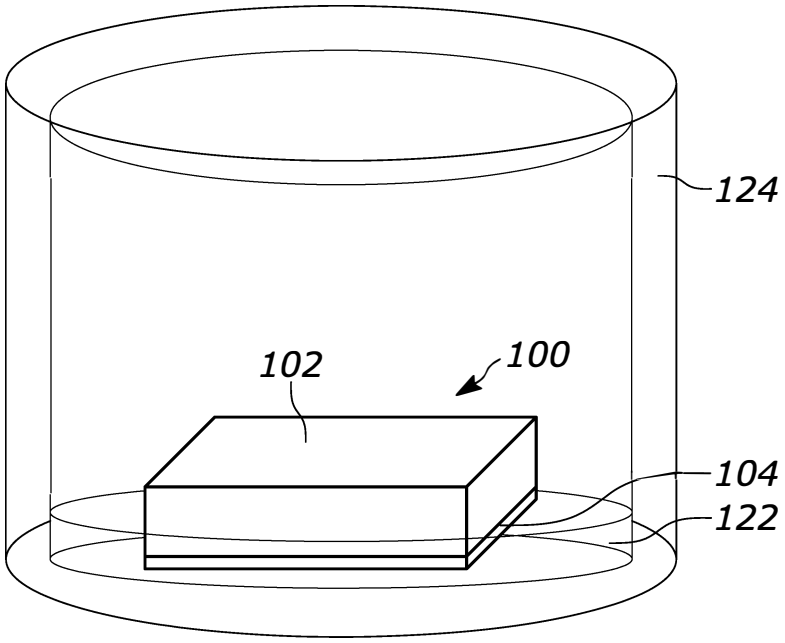

124
102
100
104
122

FIG. 4

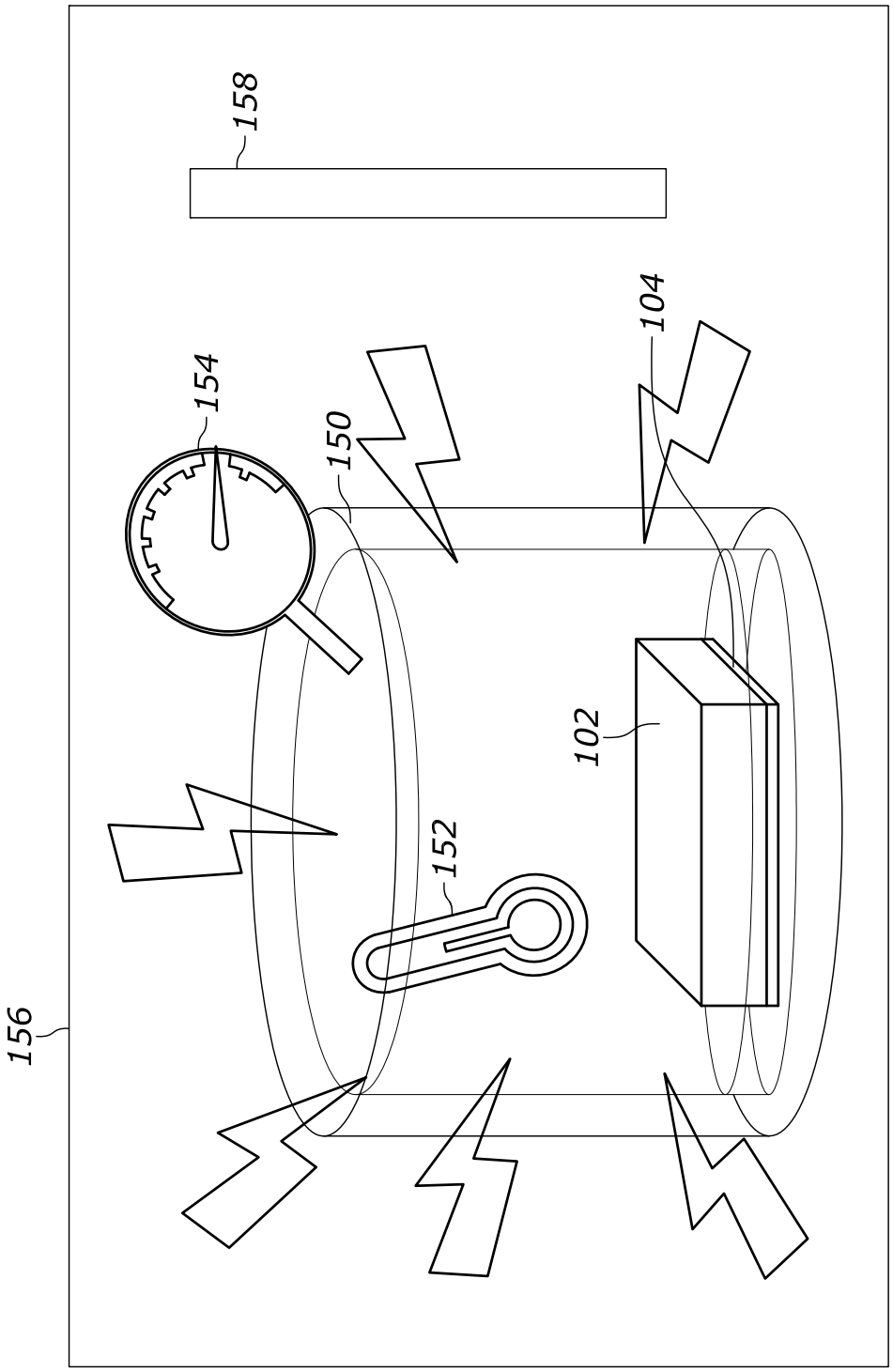



FIG. 5