

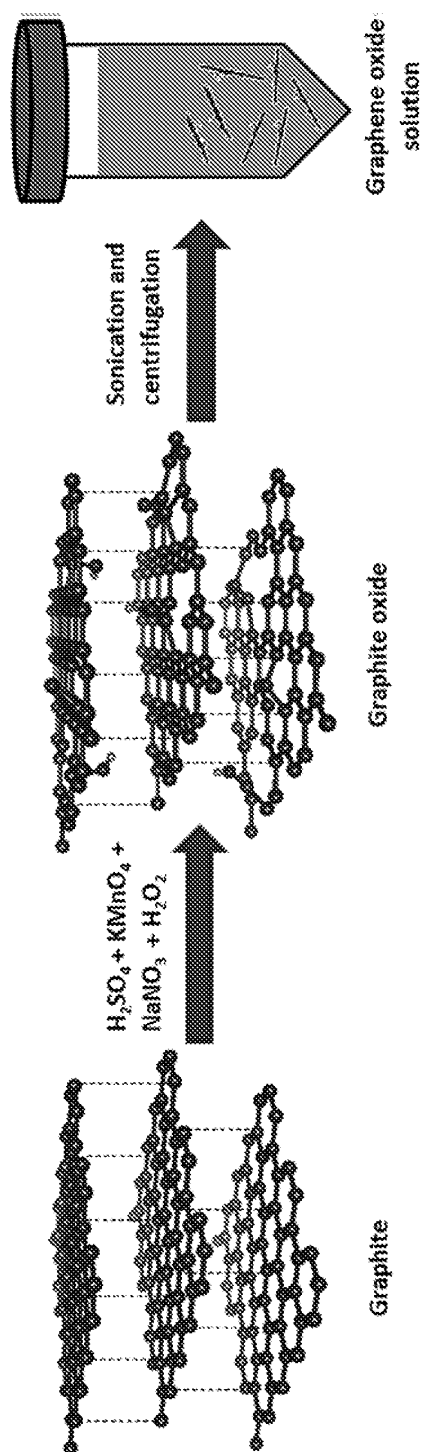


Figure 1

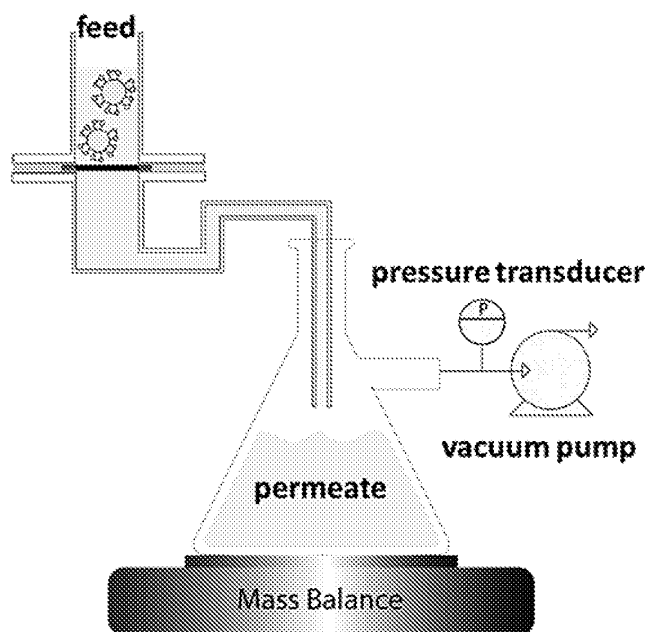


Figure 2

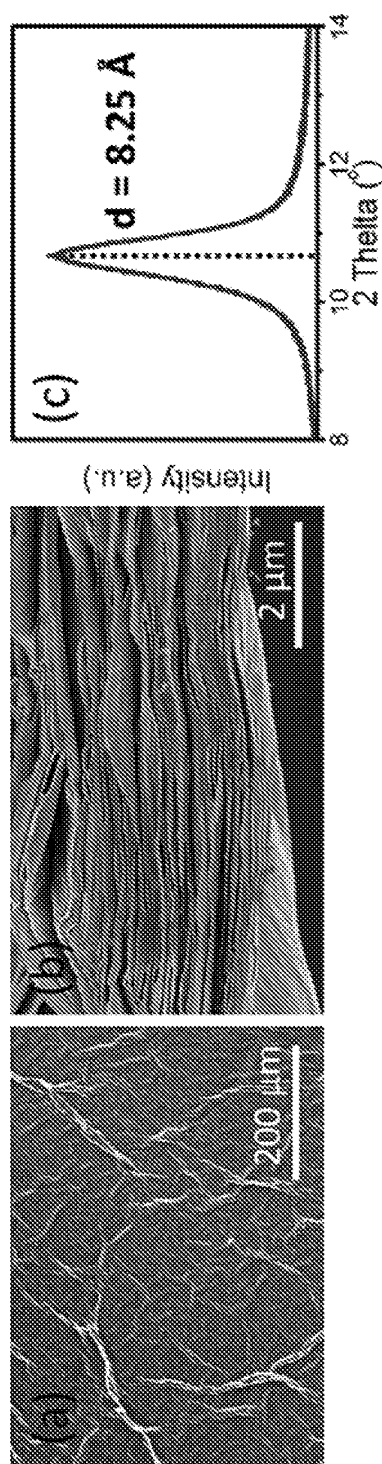


Figure 3

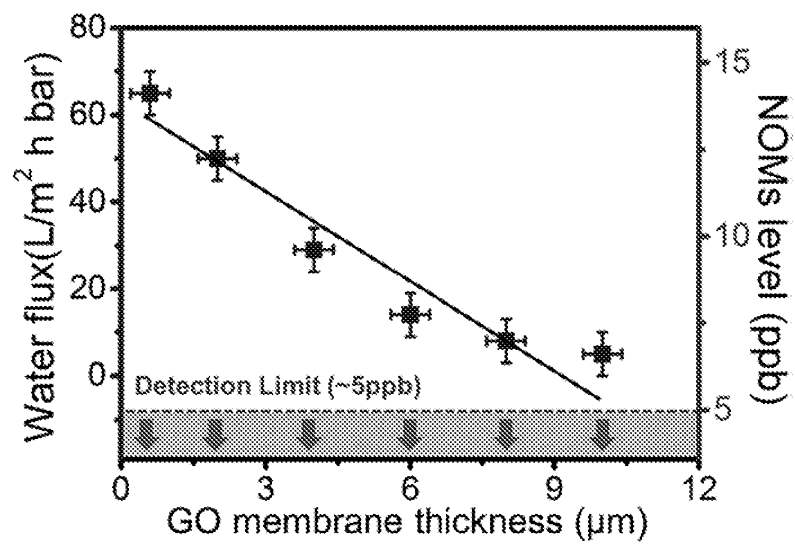


Figure 4

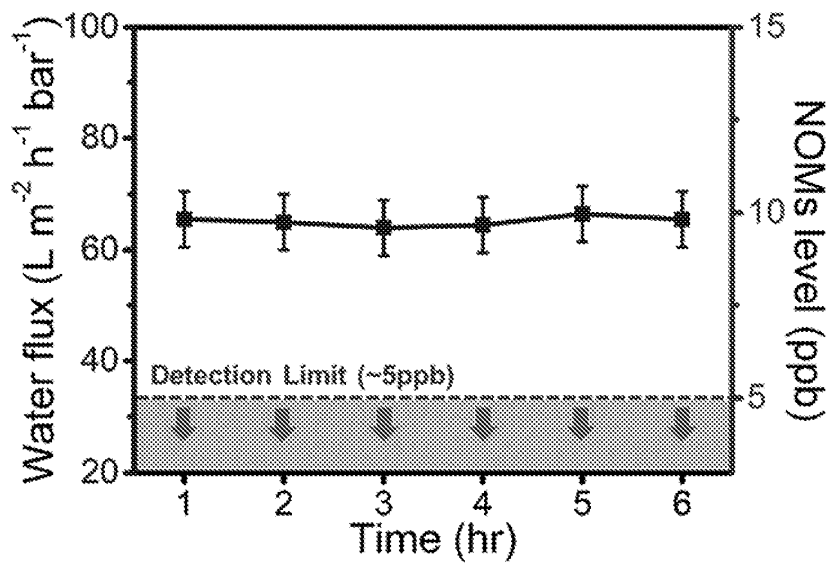


Figure 5

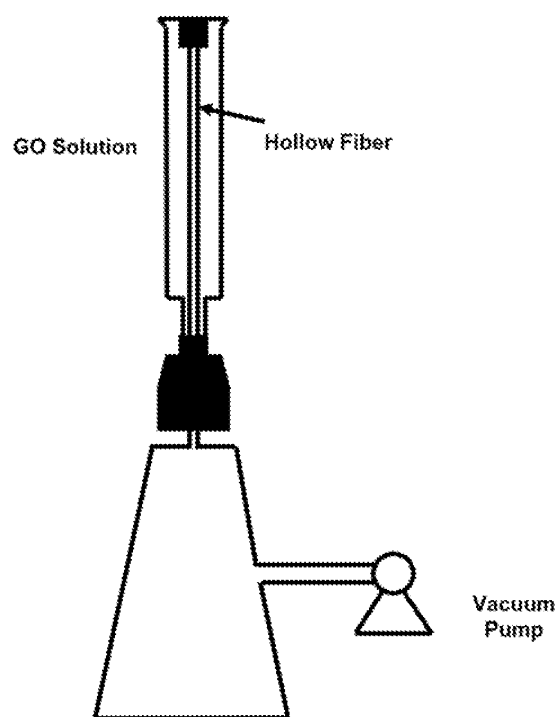


Figure 6

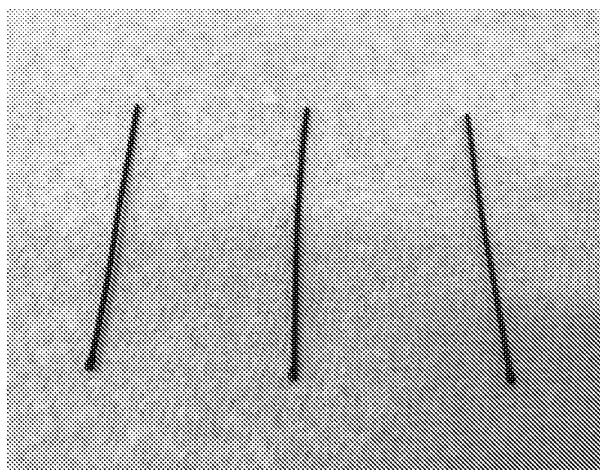


Figure 7(a)

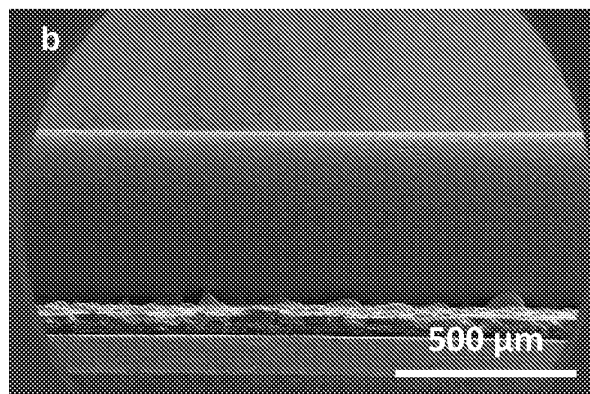


Figure 7(b)

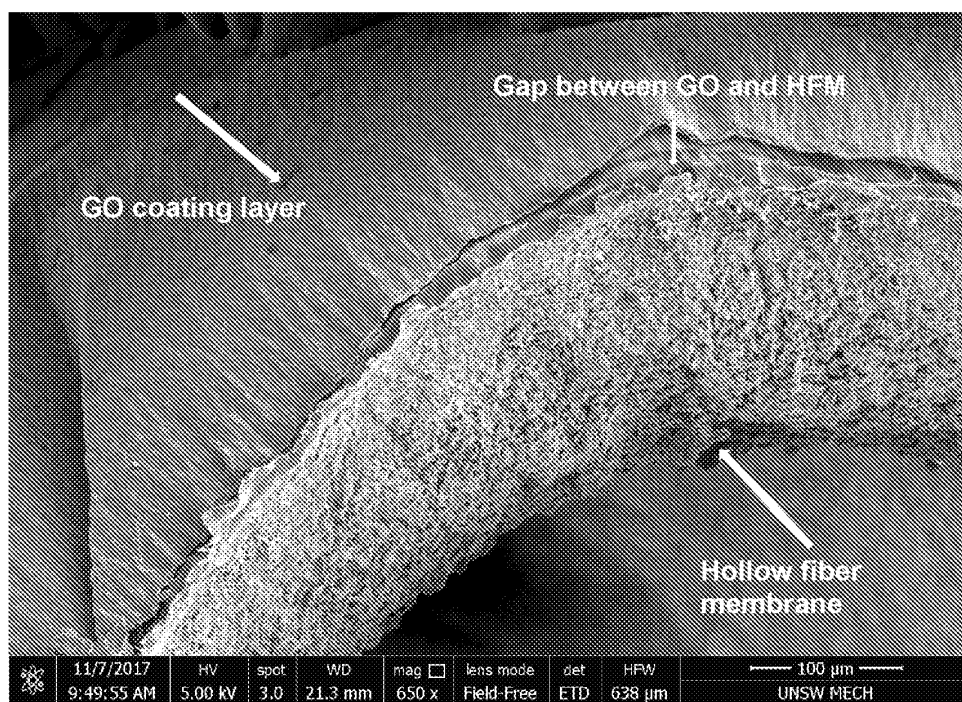


Figure 8(a)

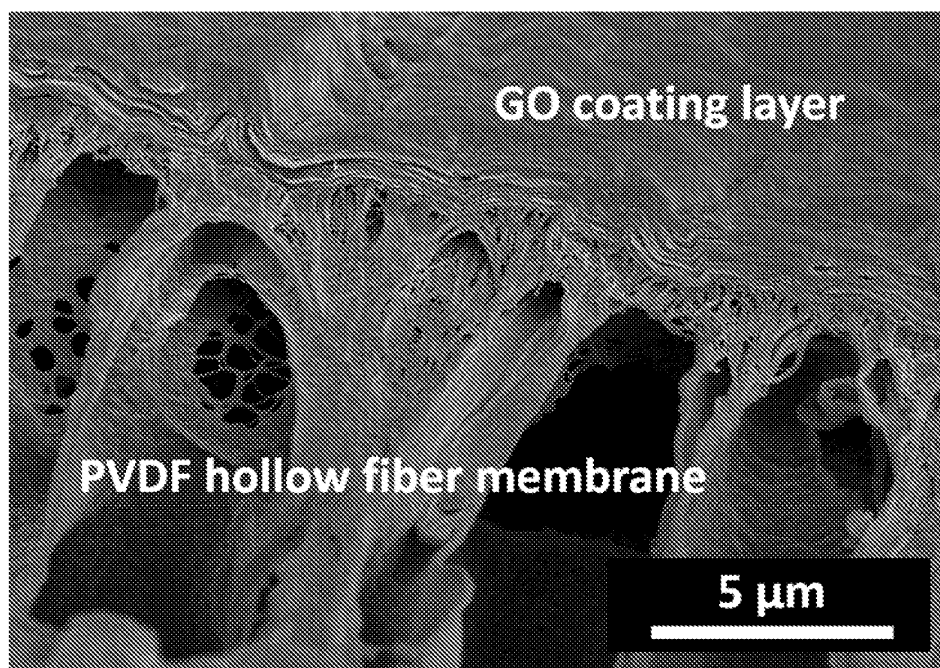


Figure 8(b)

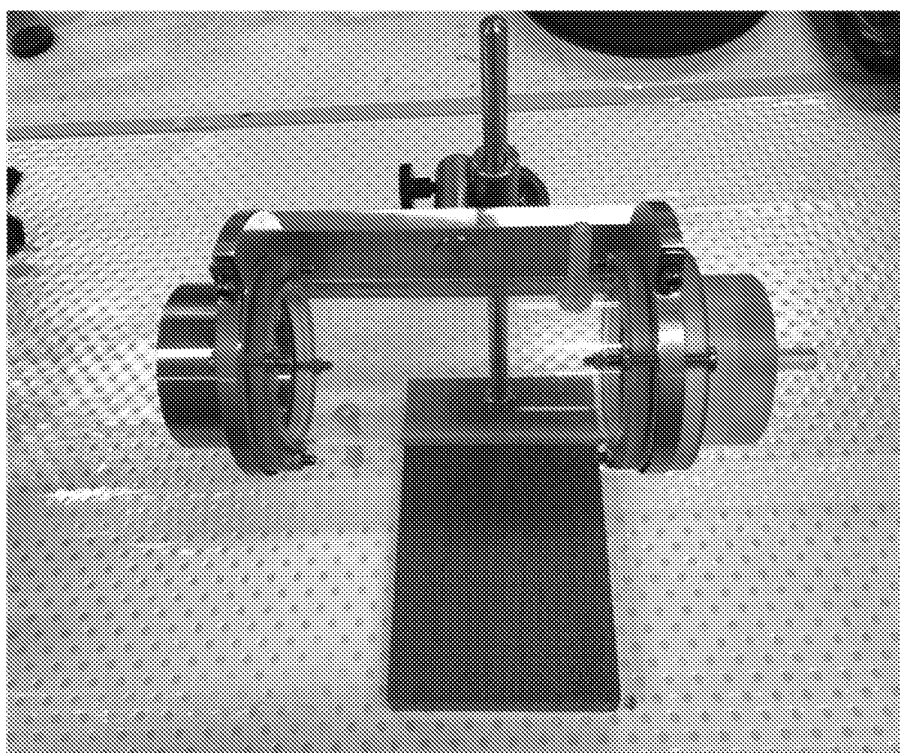


Figure 9(a)

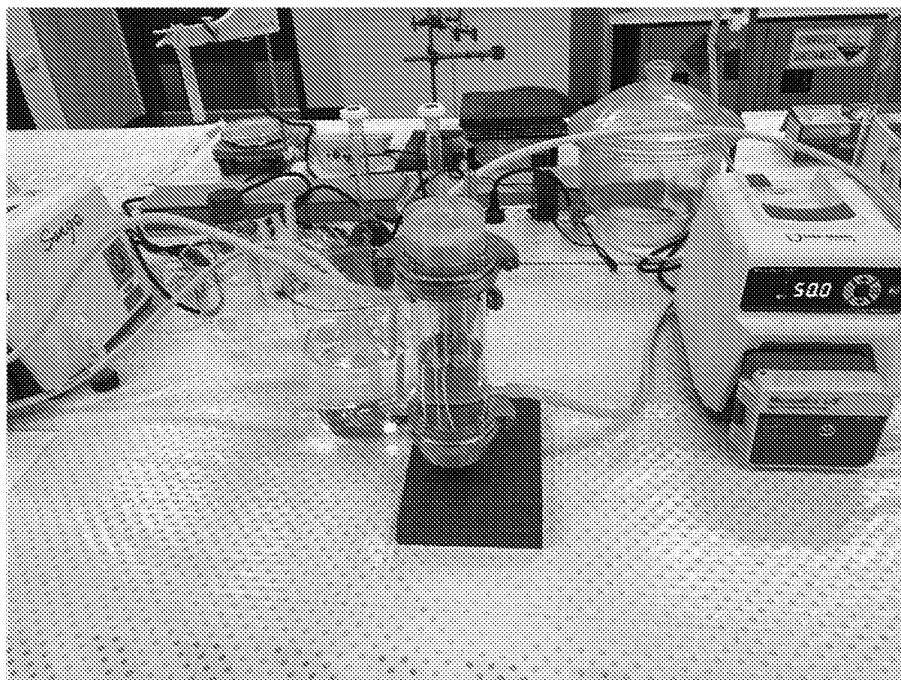


Figure 9(b)

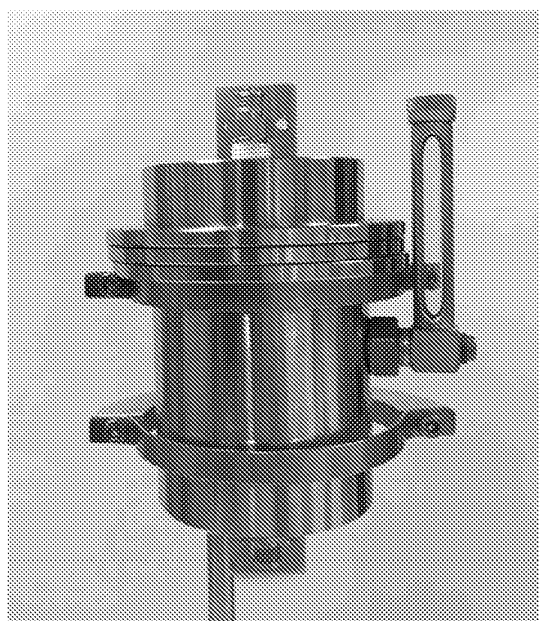


Figure 9(c)

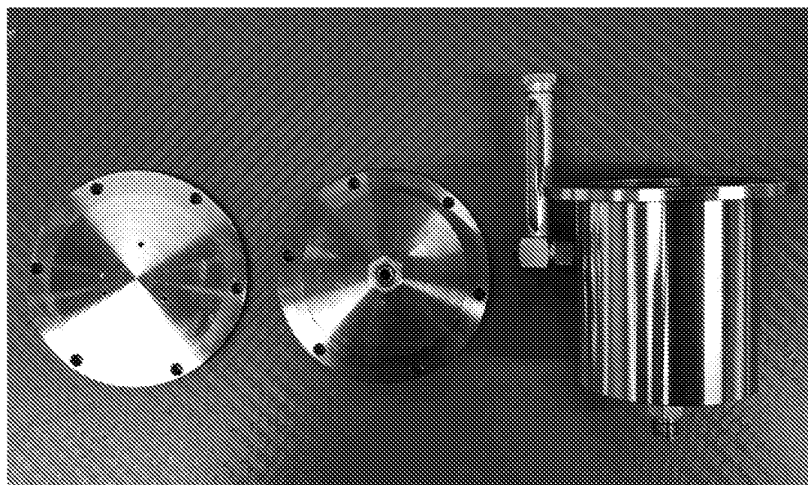


Figure 9(d)

Wetting by ethanol

External wall of  
hollow fiber  
membrane

Step 1: wetting

Introduce cross-linking agent

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Step 2: cross-linking

GO ethanol solution coating

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Step 3: coating

Figure 10

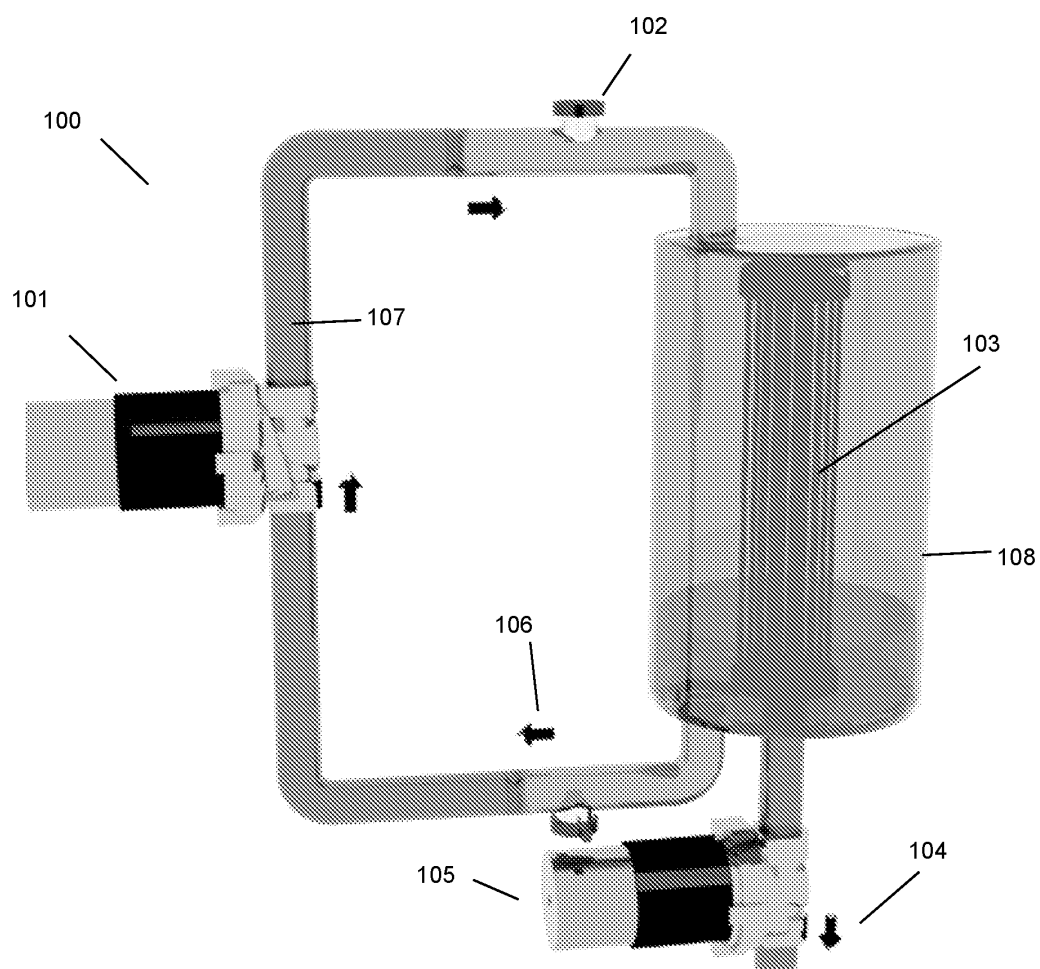


Figure 11