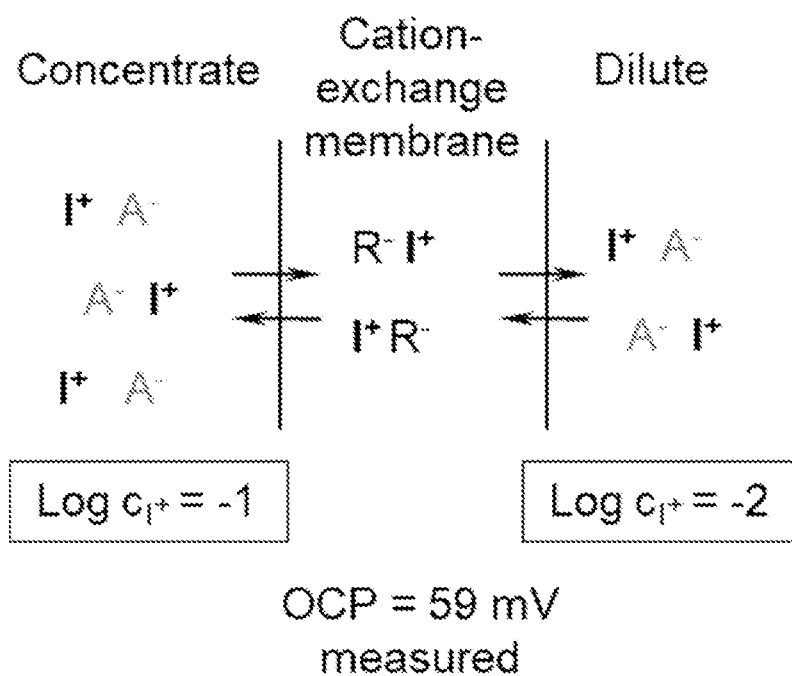
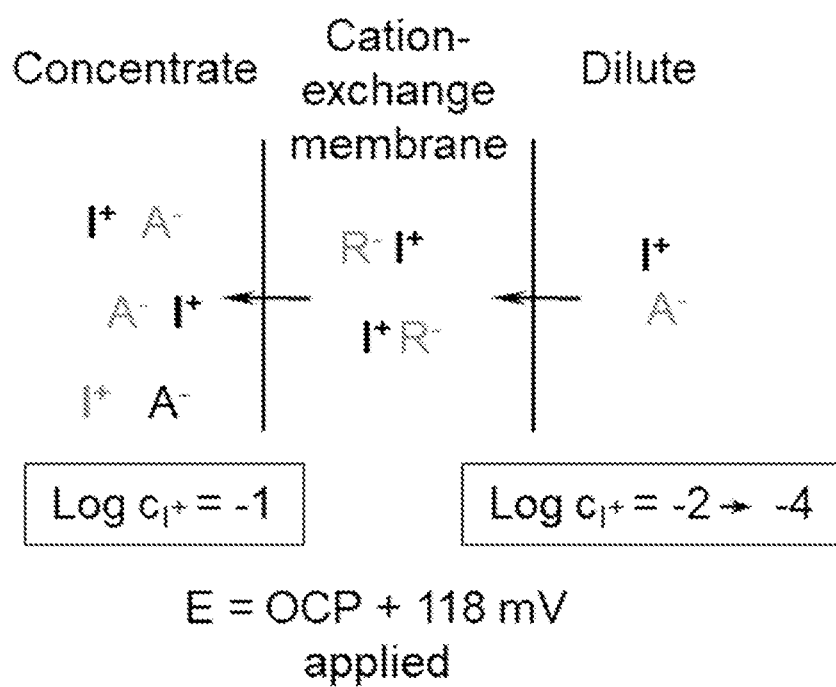
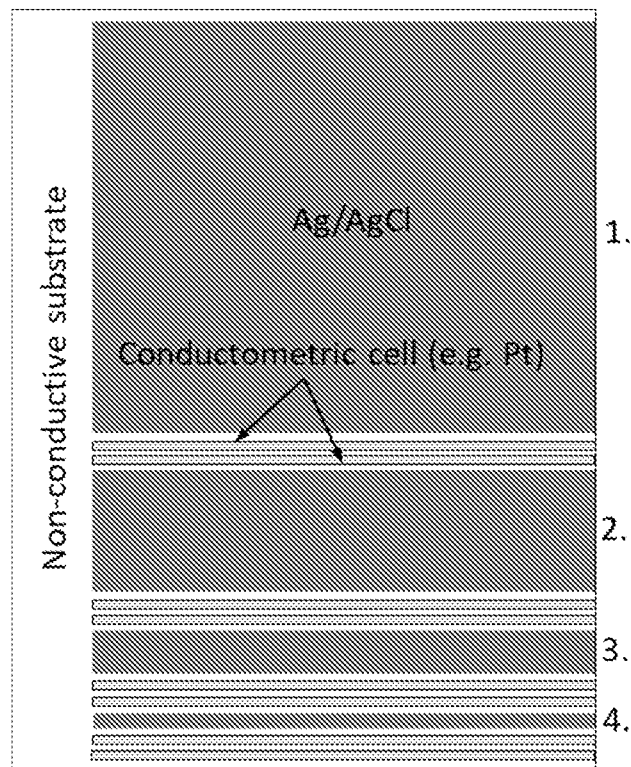
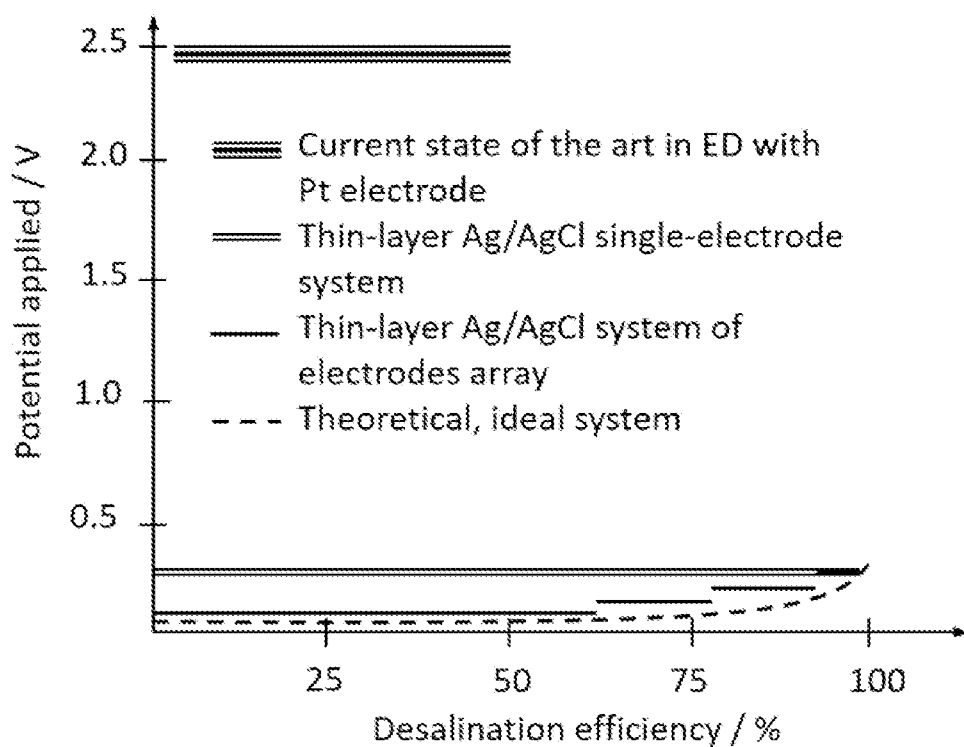


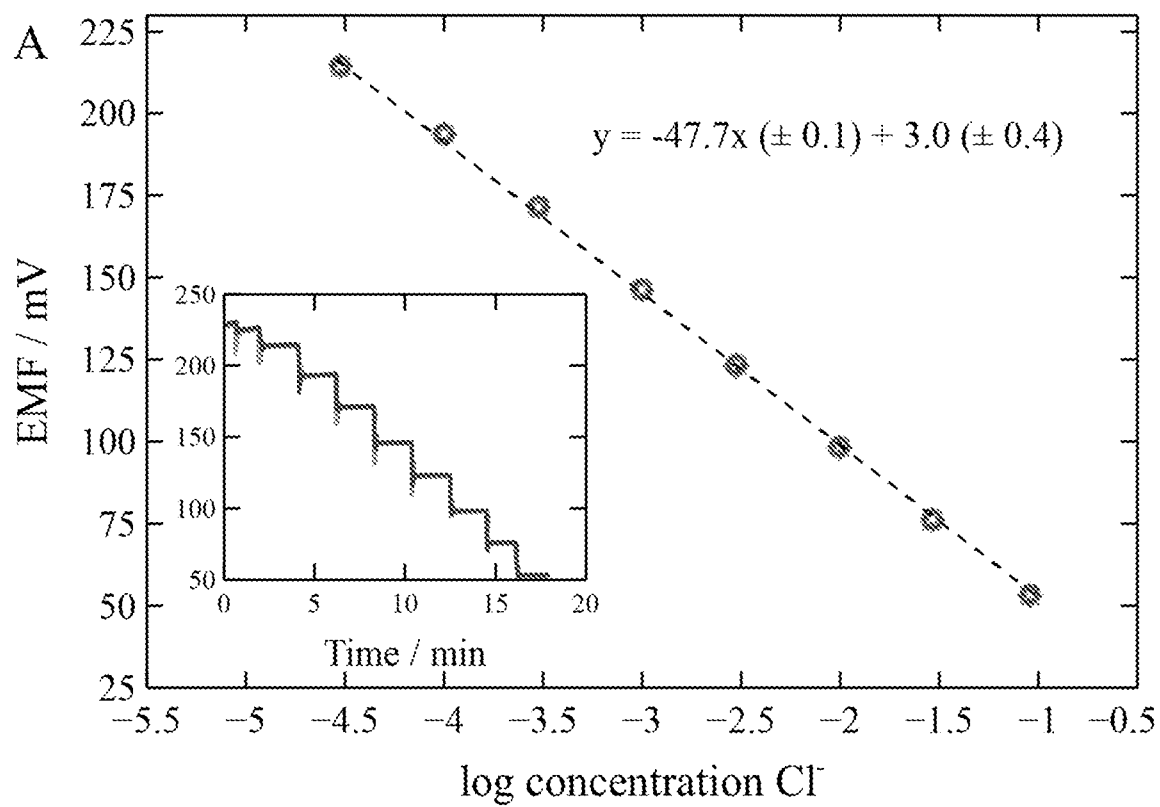
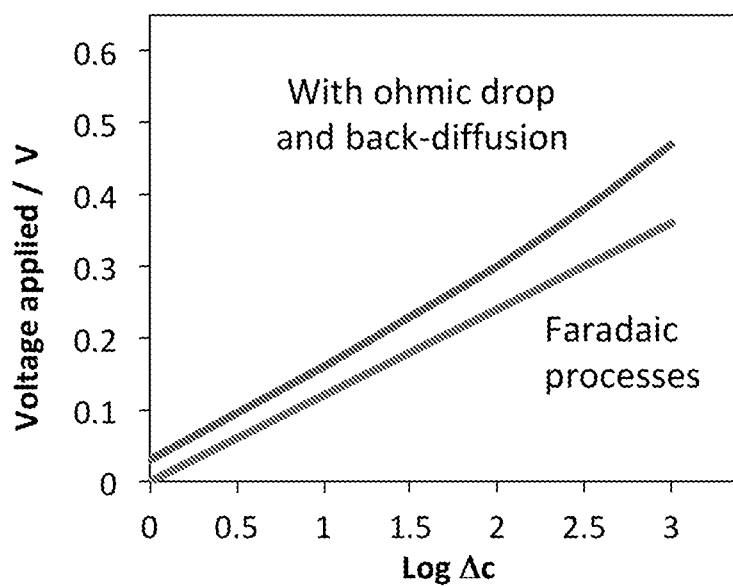
1/12

FIG. 1A**FIG. 1B**

2/12

FIG. 2A**FIG. 2B**

3/12

FIG. 2C**FIG. 2D**

4/12

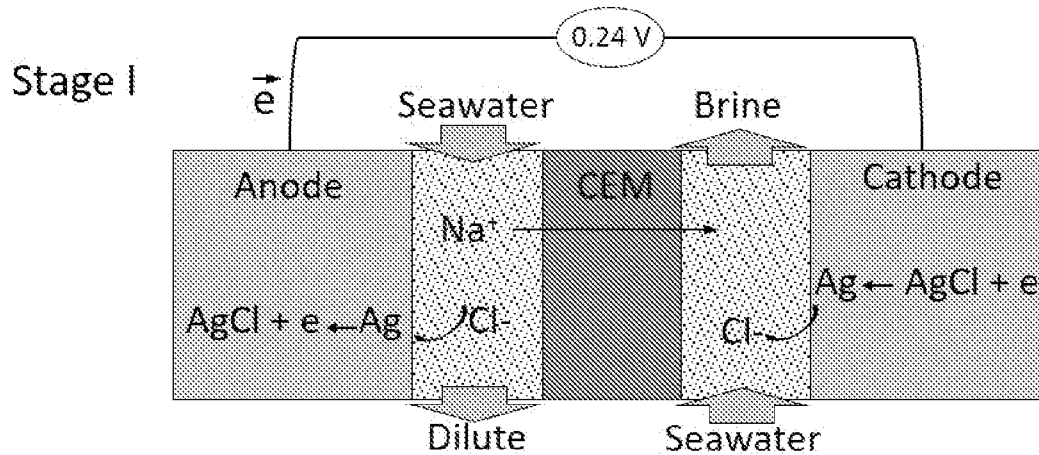
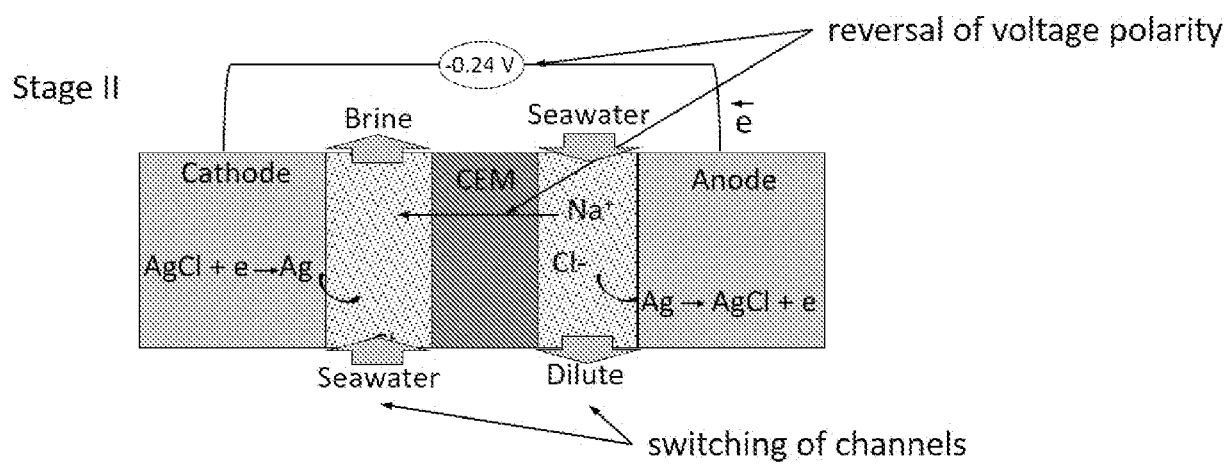
FIG. 3A**FIG. 3B**

FIG. 4

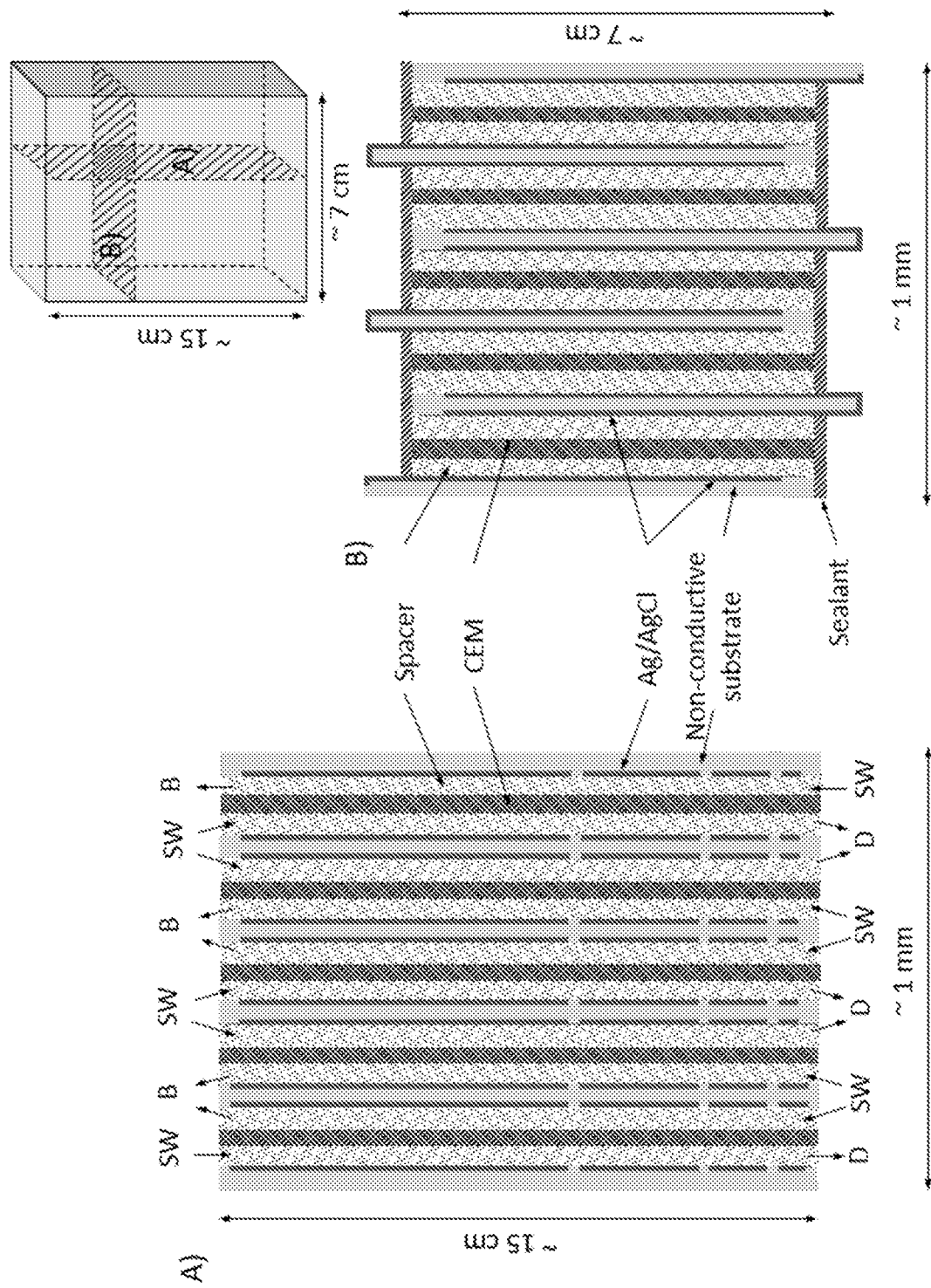


FIG. 5

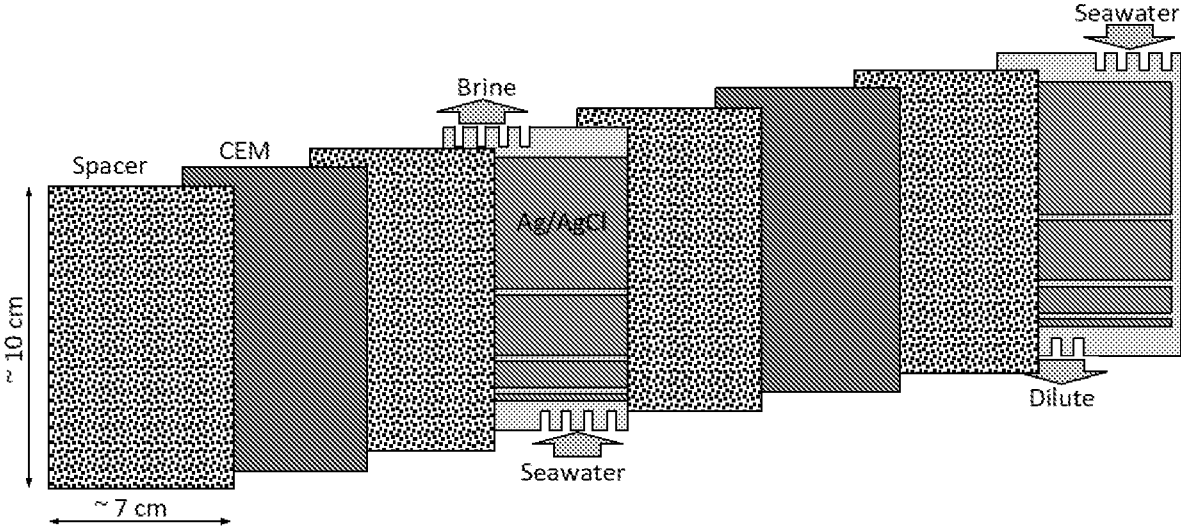


FIG. 6A

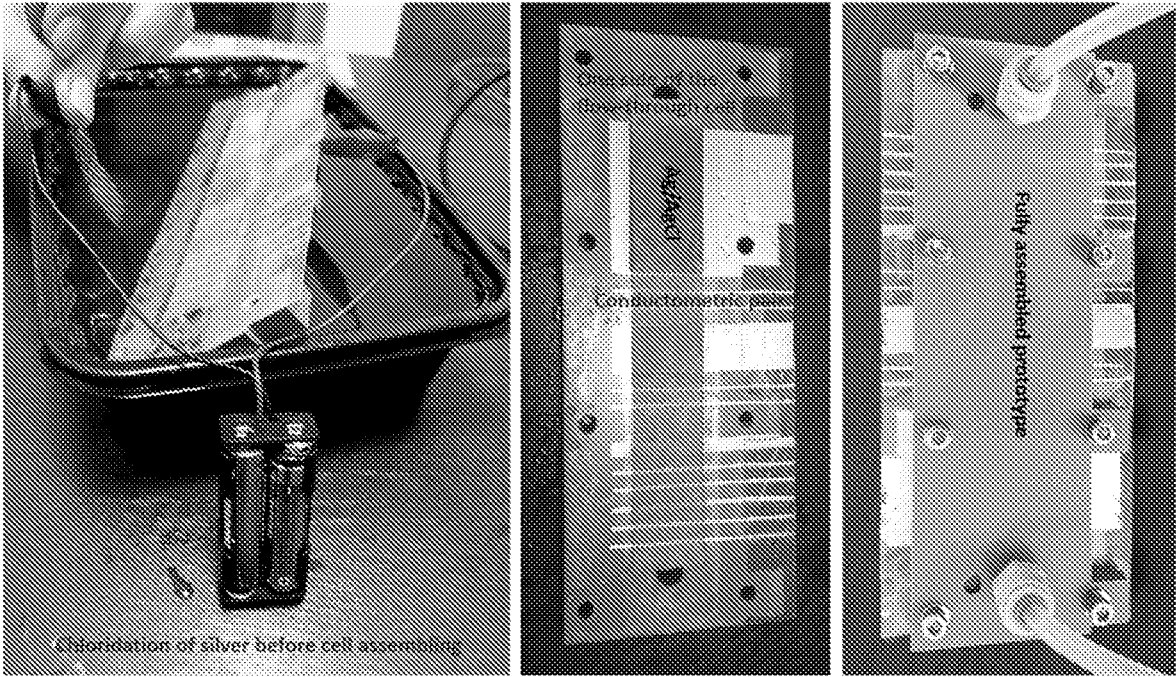
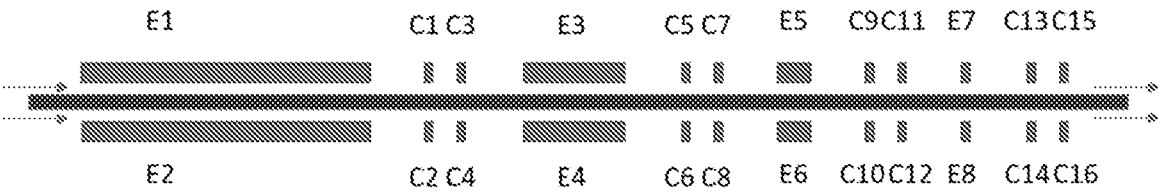
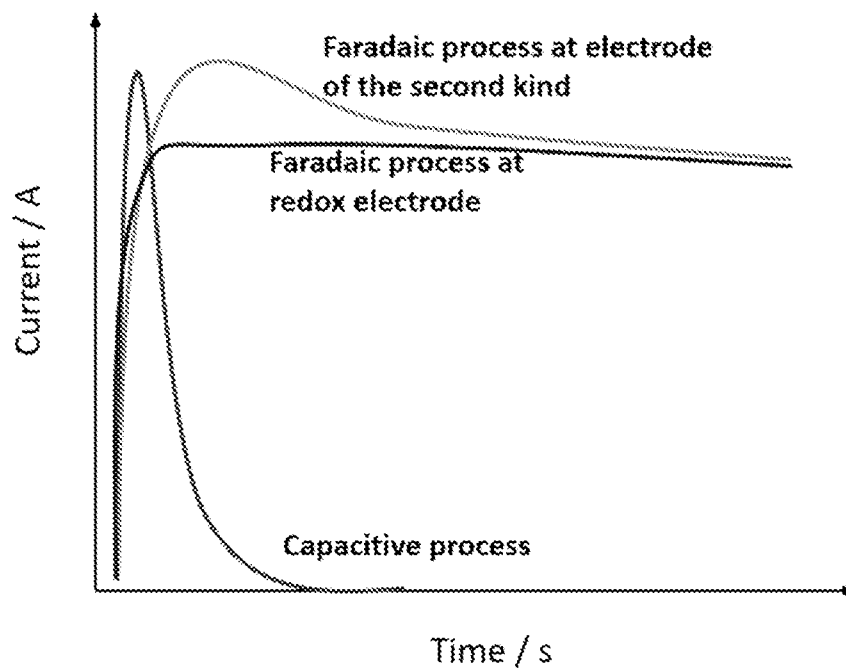
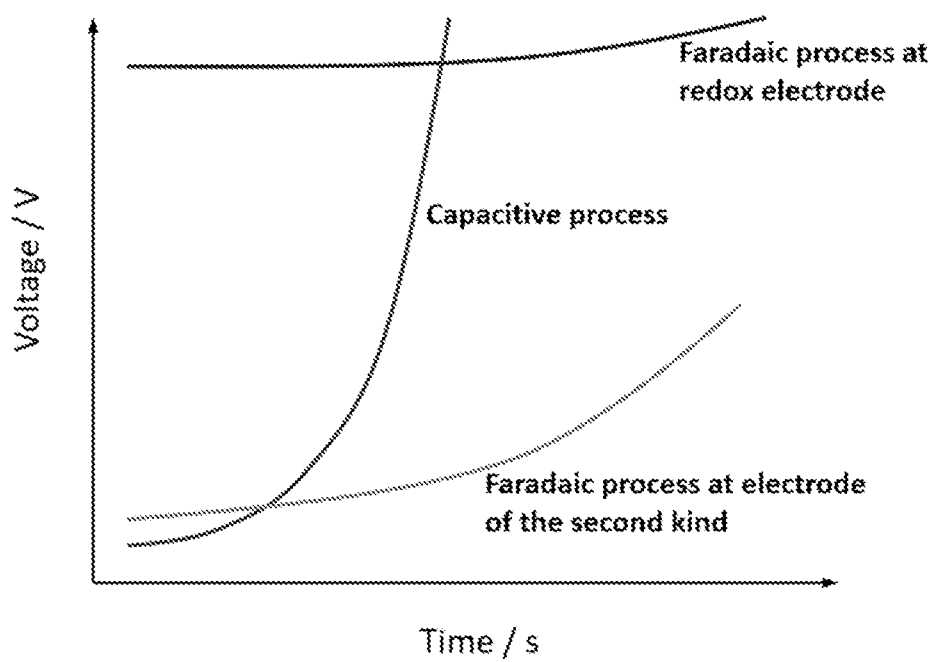


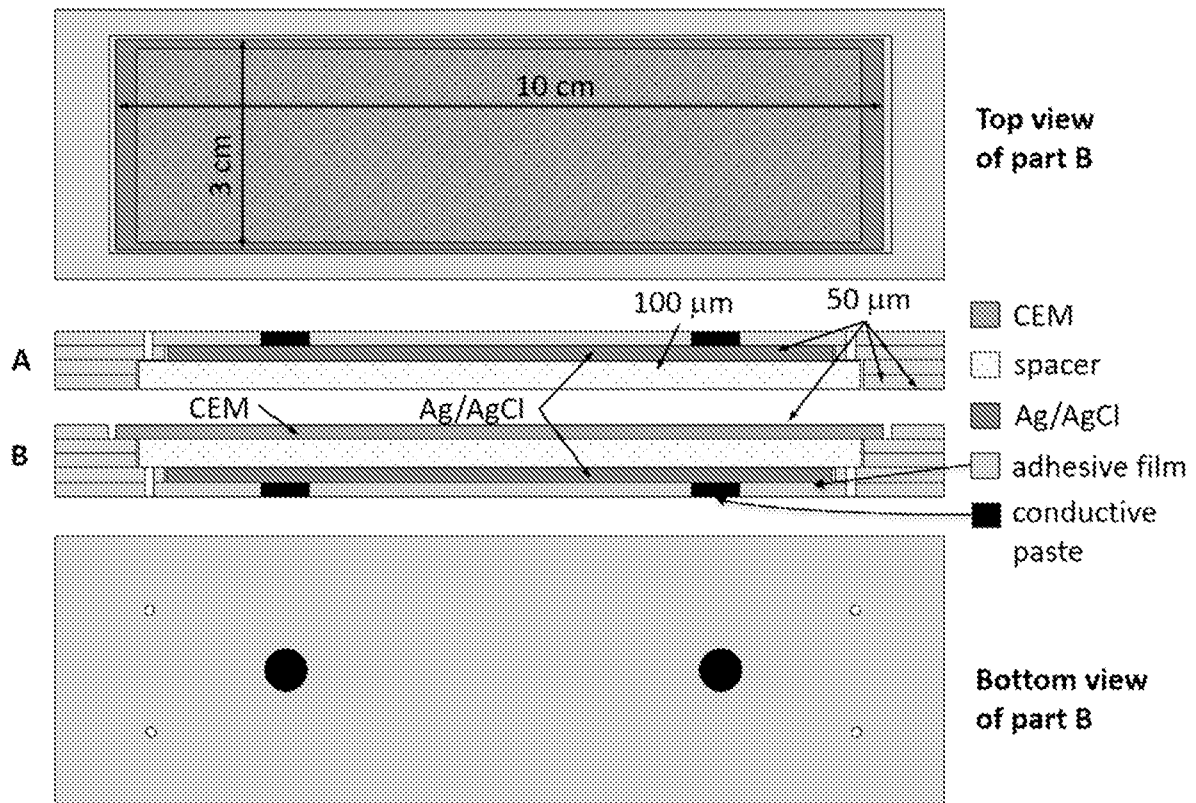
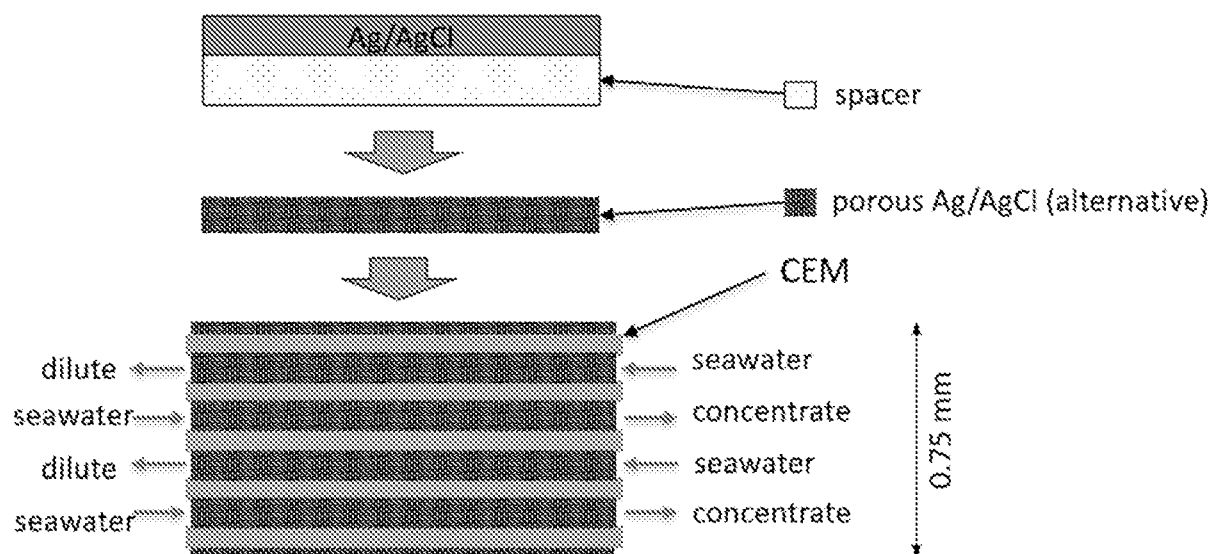
FIG. 6B



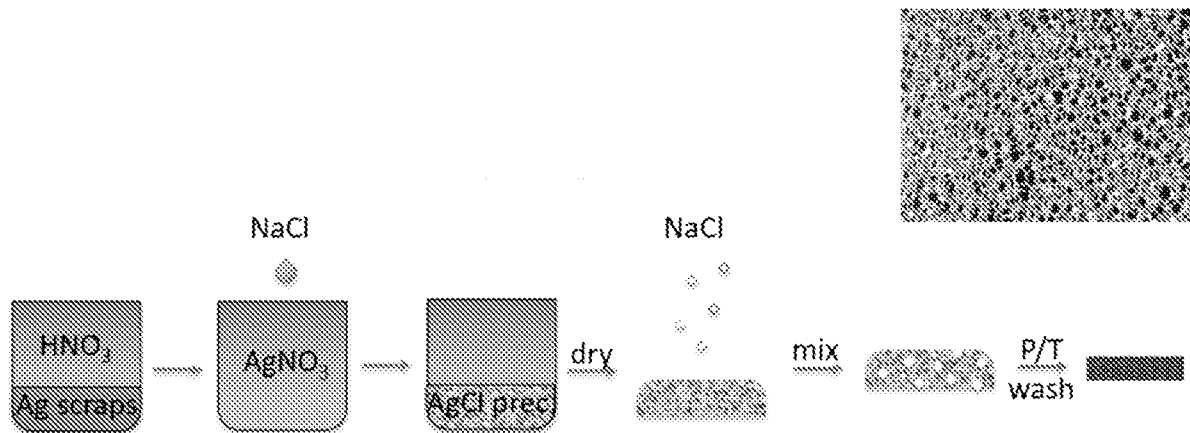
7/12

FIG. 7A**FIG. 7B**

8/12

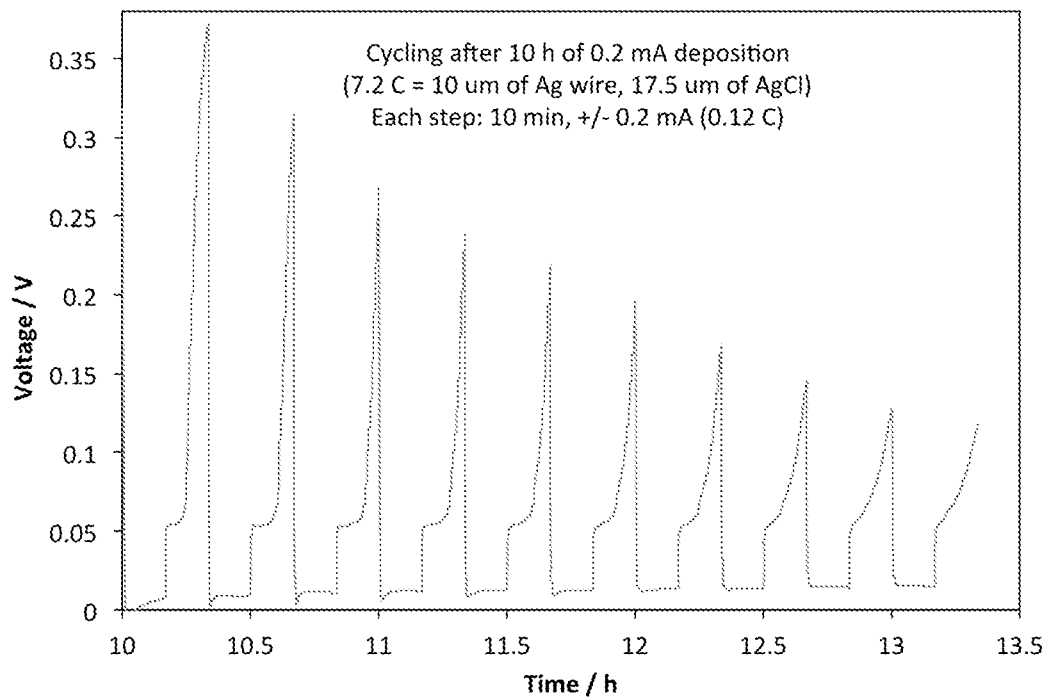
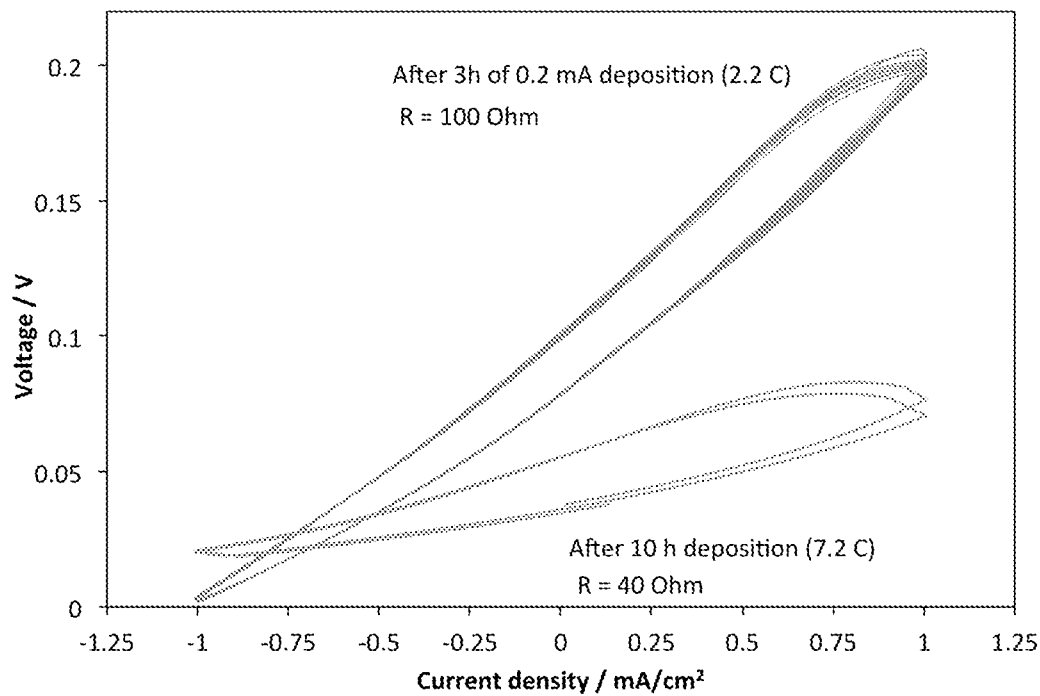
FIG. 8**FIG. 9**

9/12

FIG. 10**FIG. 11**

	Capital cost (SGD/m ³ /day)	Operating cost (SGD/m ³ /day)	Total cost over 1 year at m ³ /day production rate	Total cost over 10 years at m ³ /day production rate
SeawaterRO	2,130-3,330	2.52-2.93	3,049-4,399	11,328-14,024
BrackishRO	800-2,400	0.87-2.00	1,117-3,130	3,975-9,700
EDReversal	760-4,330	1.33-3.73	1,245-5,691	5,614-17,944
Our system for seawater	15,000 (11,400)*	0.002 + pumping ~0.135	15,050 (11,450)*	15,500 (11,900)*
Our system for brackish water	1,500 (1,140)*	0.0002 + pumping ~0.135	1,550 (1,190)*	2,000 (1,640)*
Our system for seawater/porous silver	1,055 (637)*	0.002 + pumping ~0.135	1,100 (687)*	1,555 (1,137)*

10/12

FIG. 12**FIG. 13**

11/12

FIG. 14

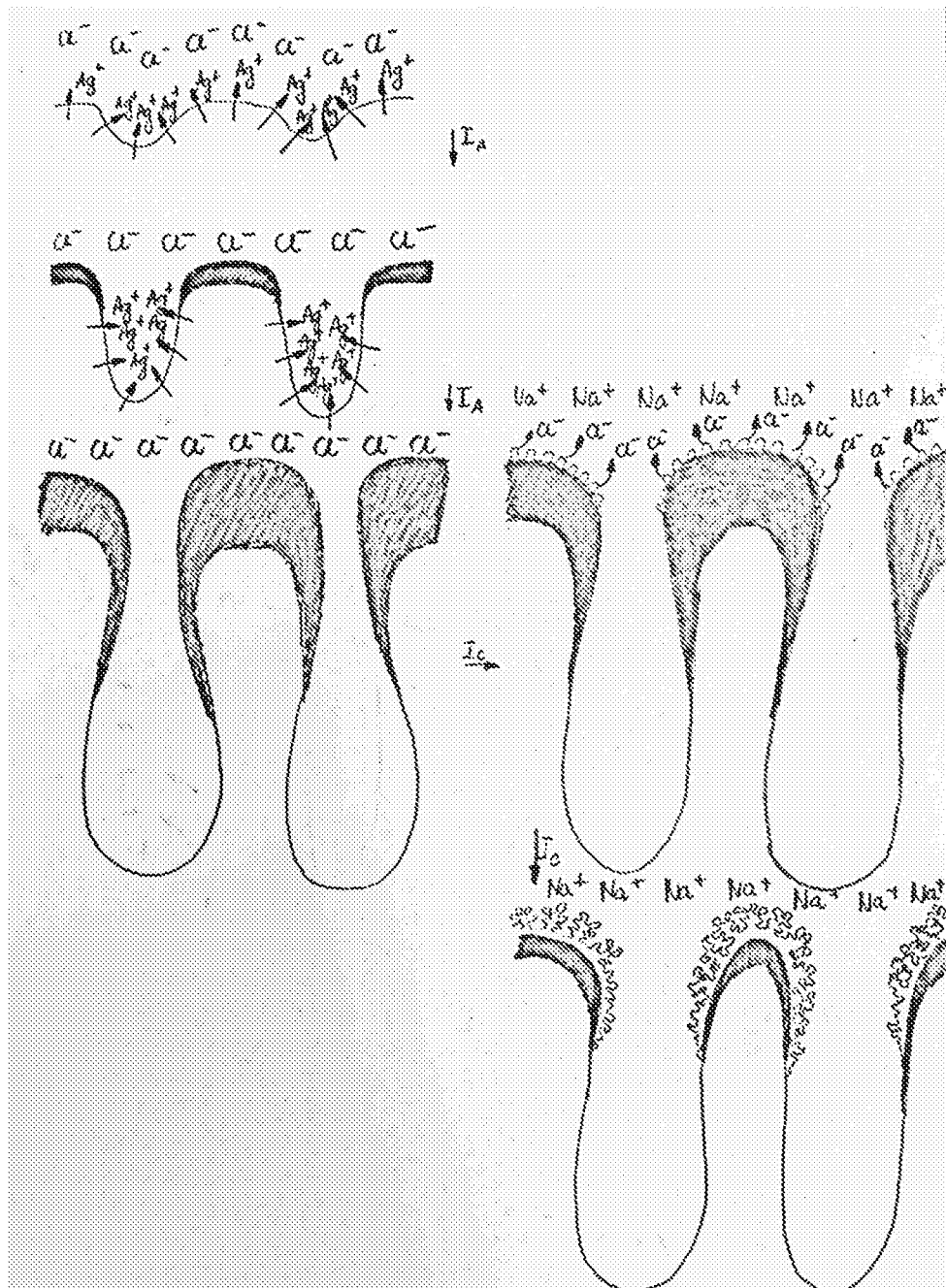


FIG. 15

