

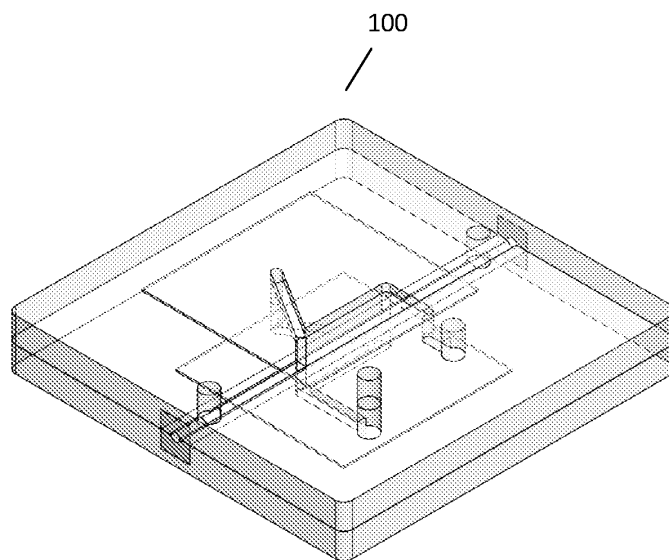
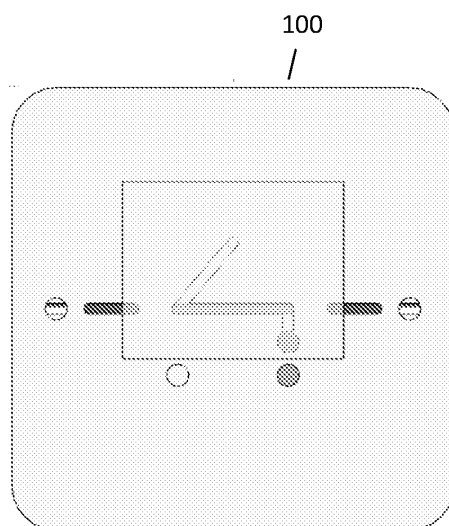
Fig. 1A**Fig. 1B**

Fig. 2A

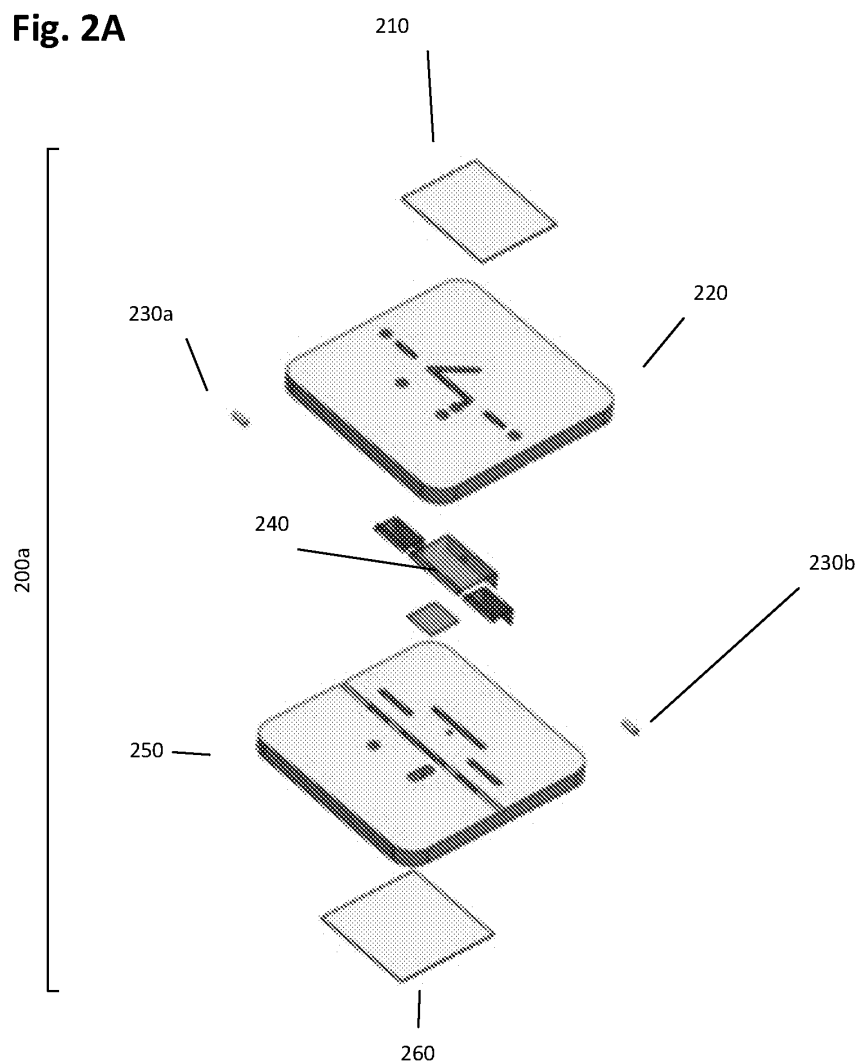


Fig. 2B

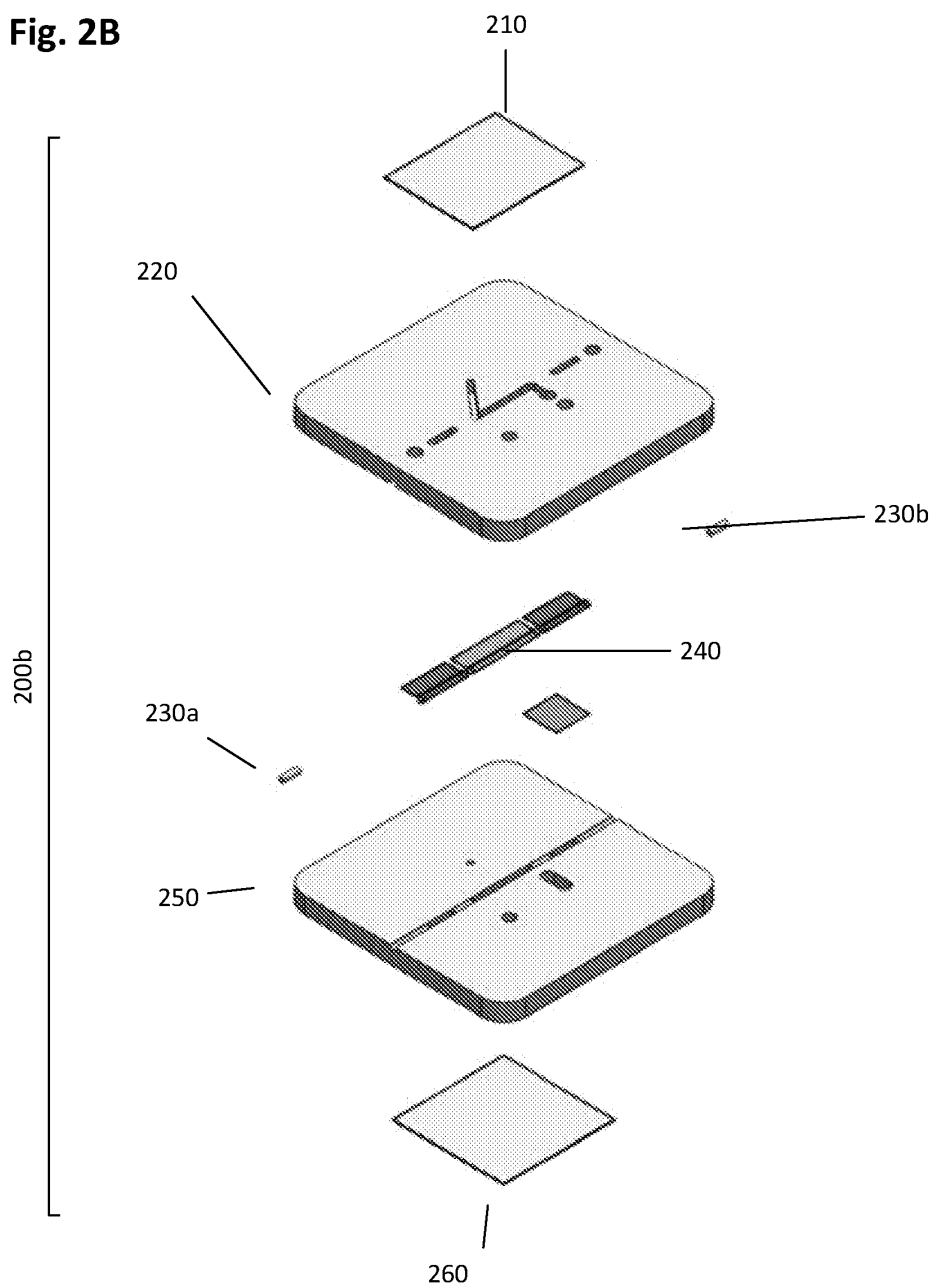


Fig. 2C

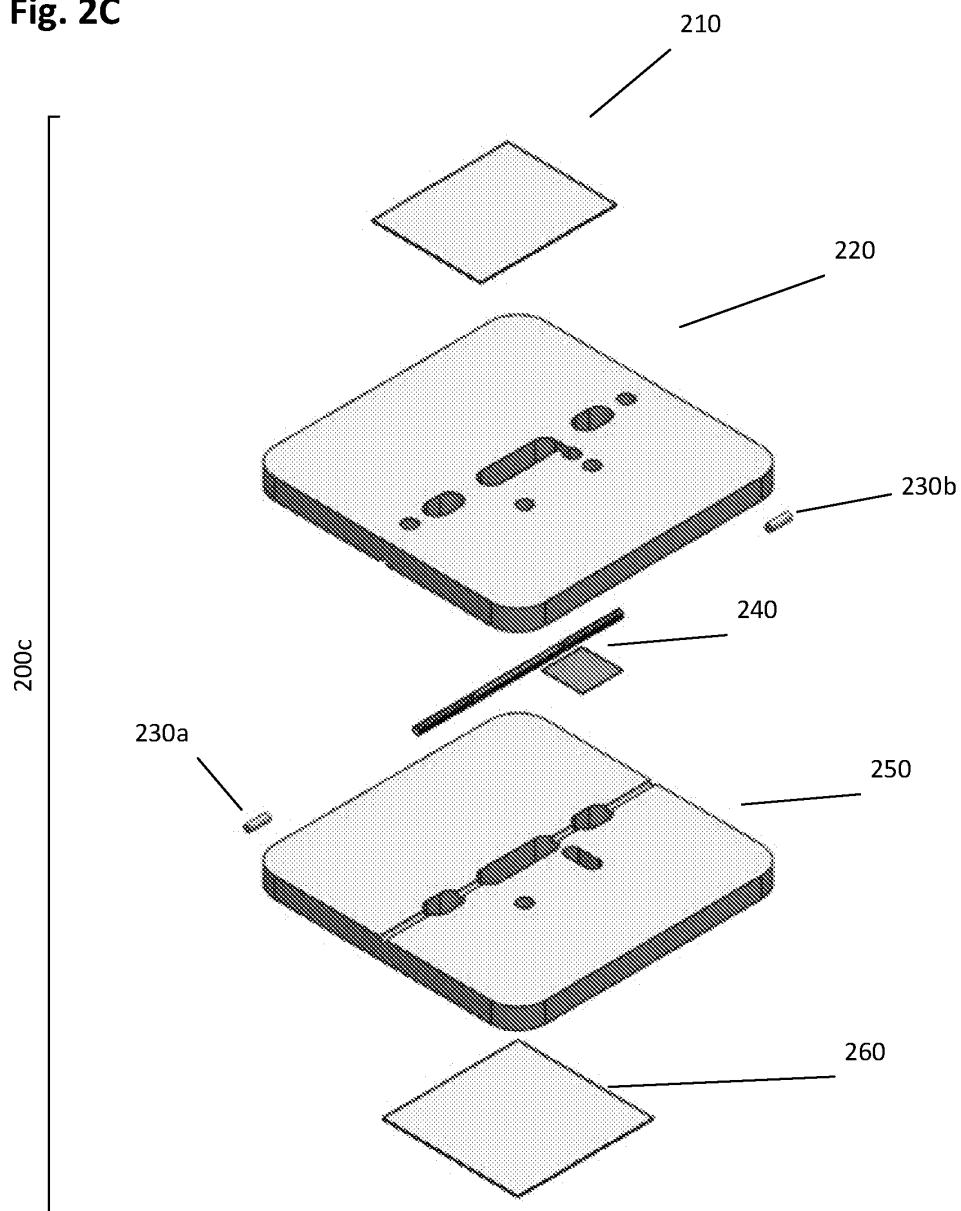


Fig. 2D

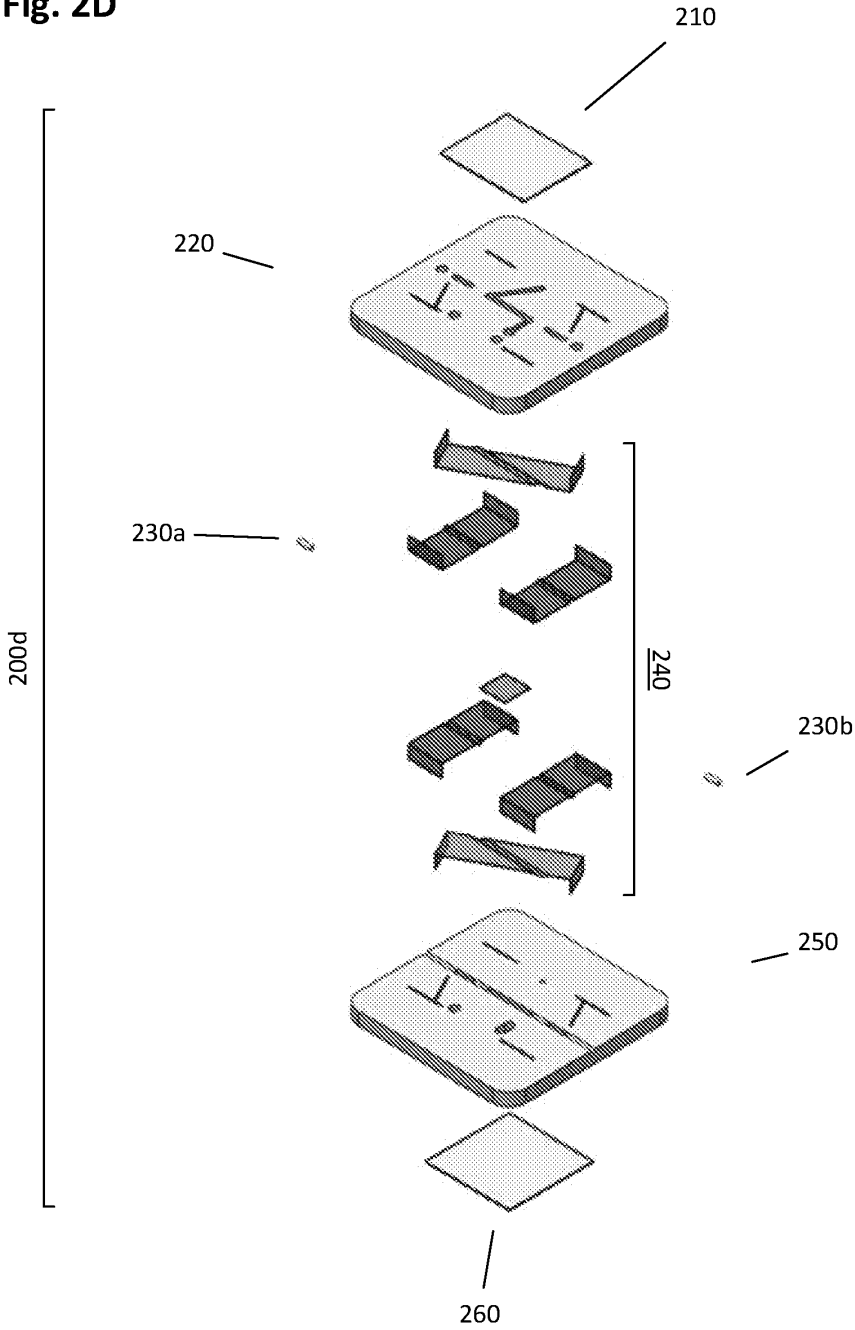


Fig. 2E

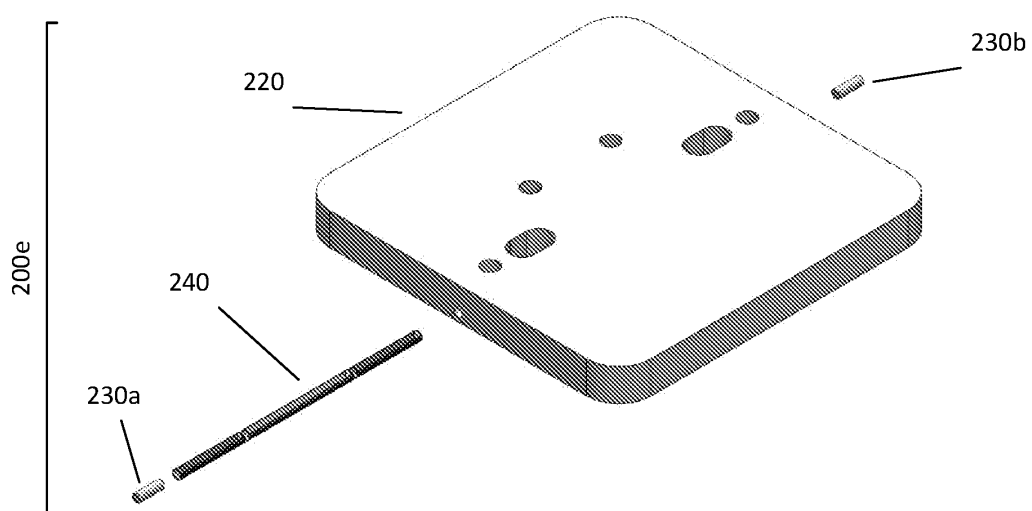


Fig. 2F

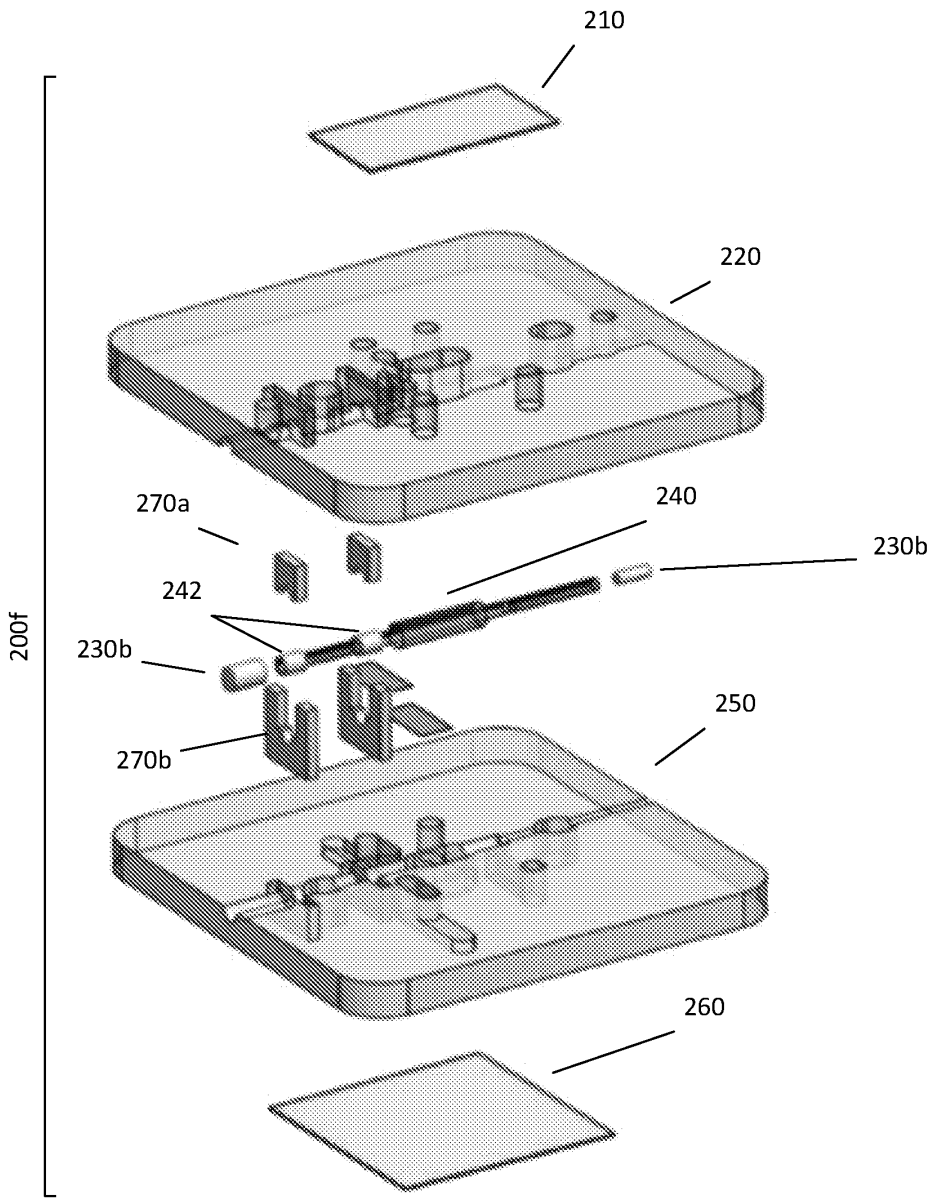


Fig. 3A

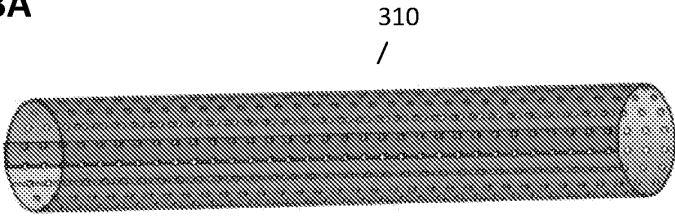


Fig. 3B

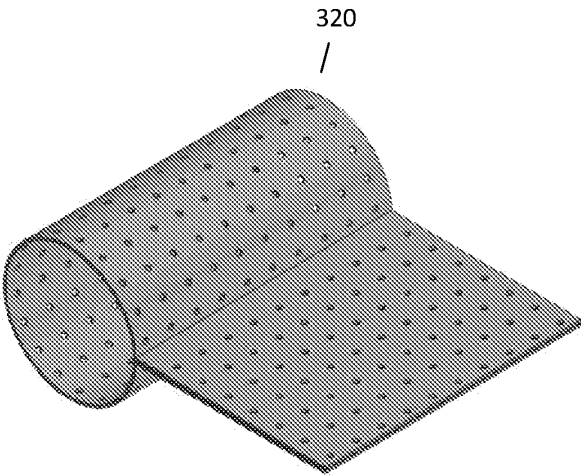


Fig. 3C

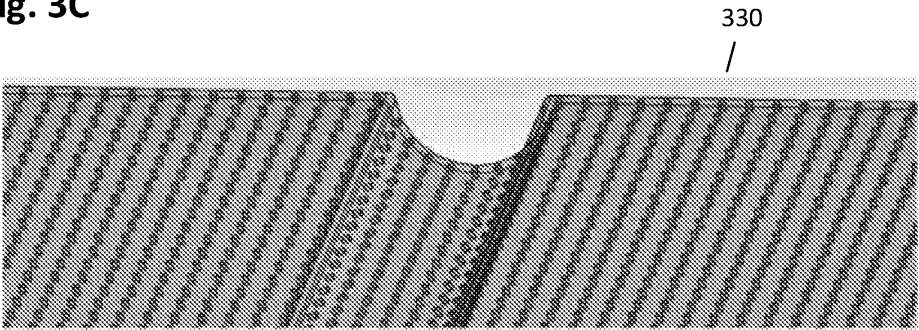


Fig. 4A

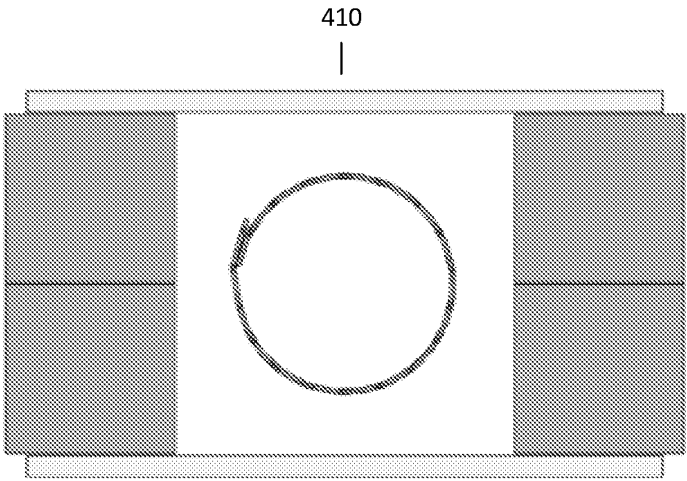


Fig. 4B

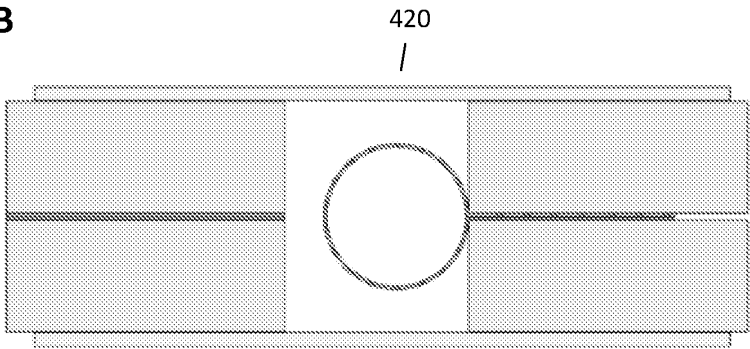


Fig. 4C

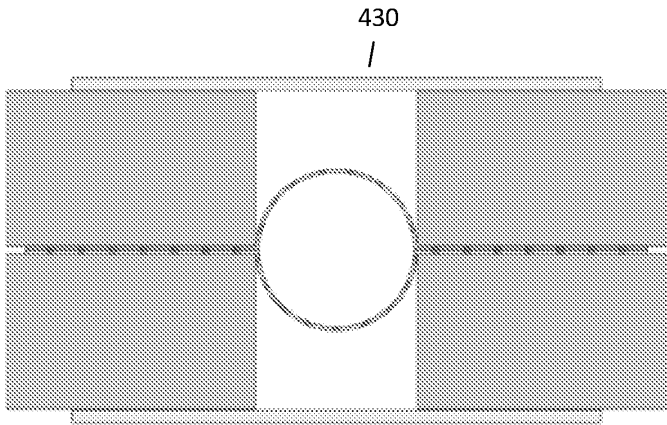


Fig. 4D

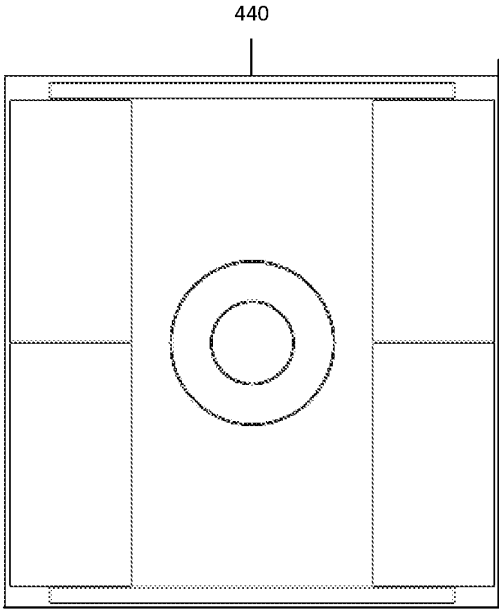


Fig. 5A

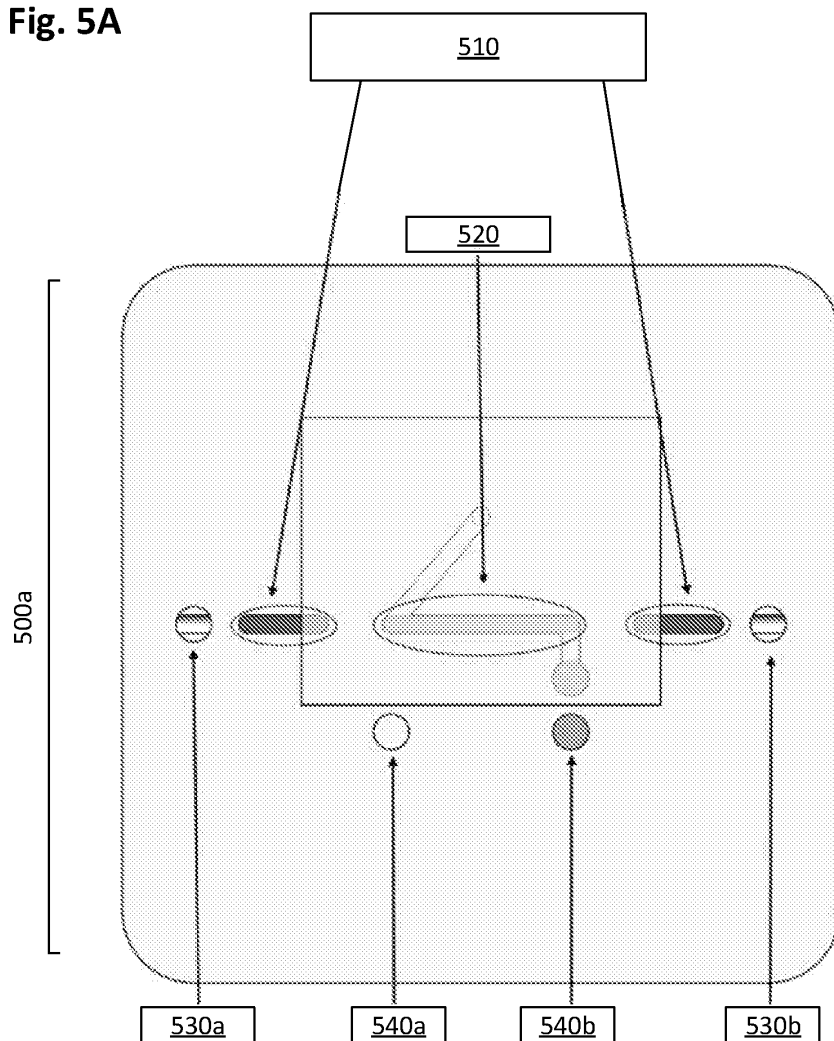


Fig. 5B

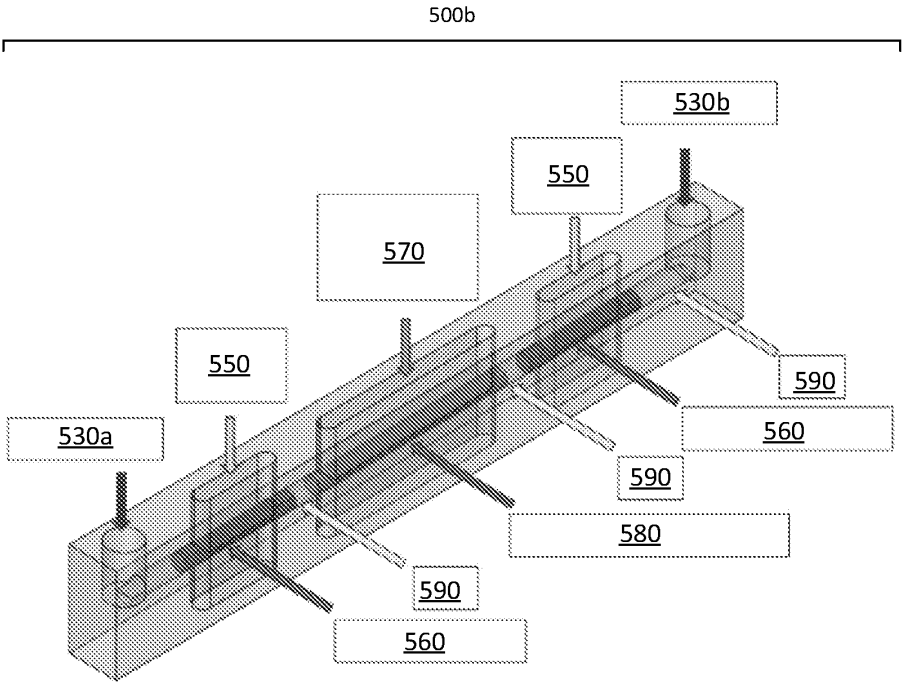


Fig. 5C

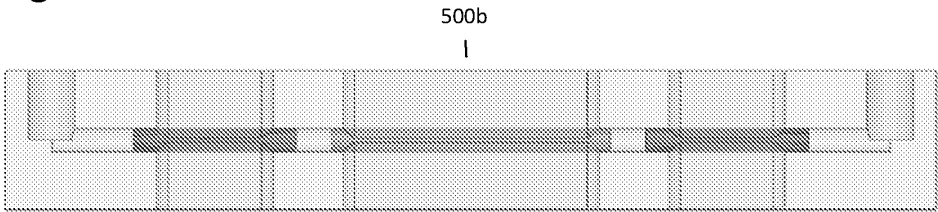


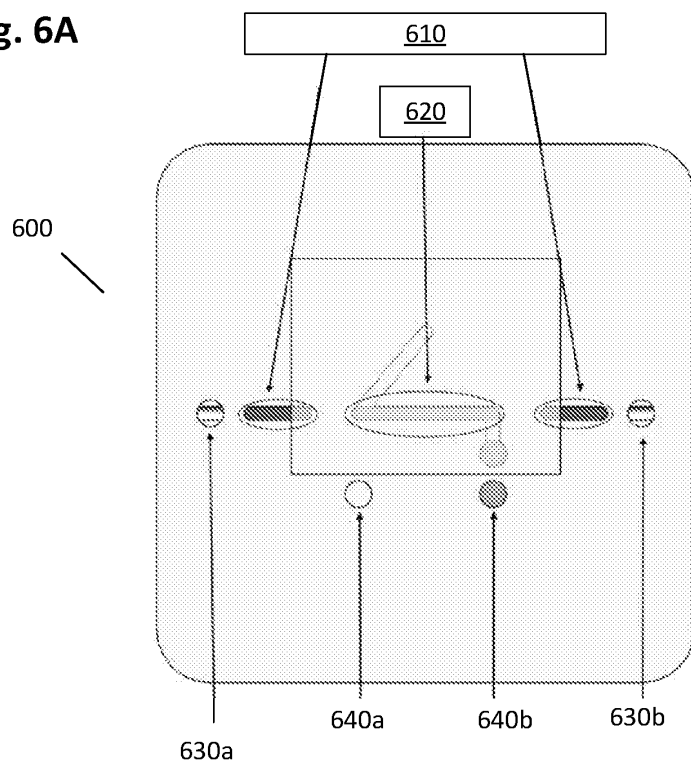
Fig. 6A

Fig. 6B

650

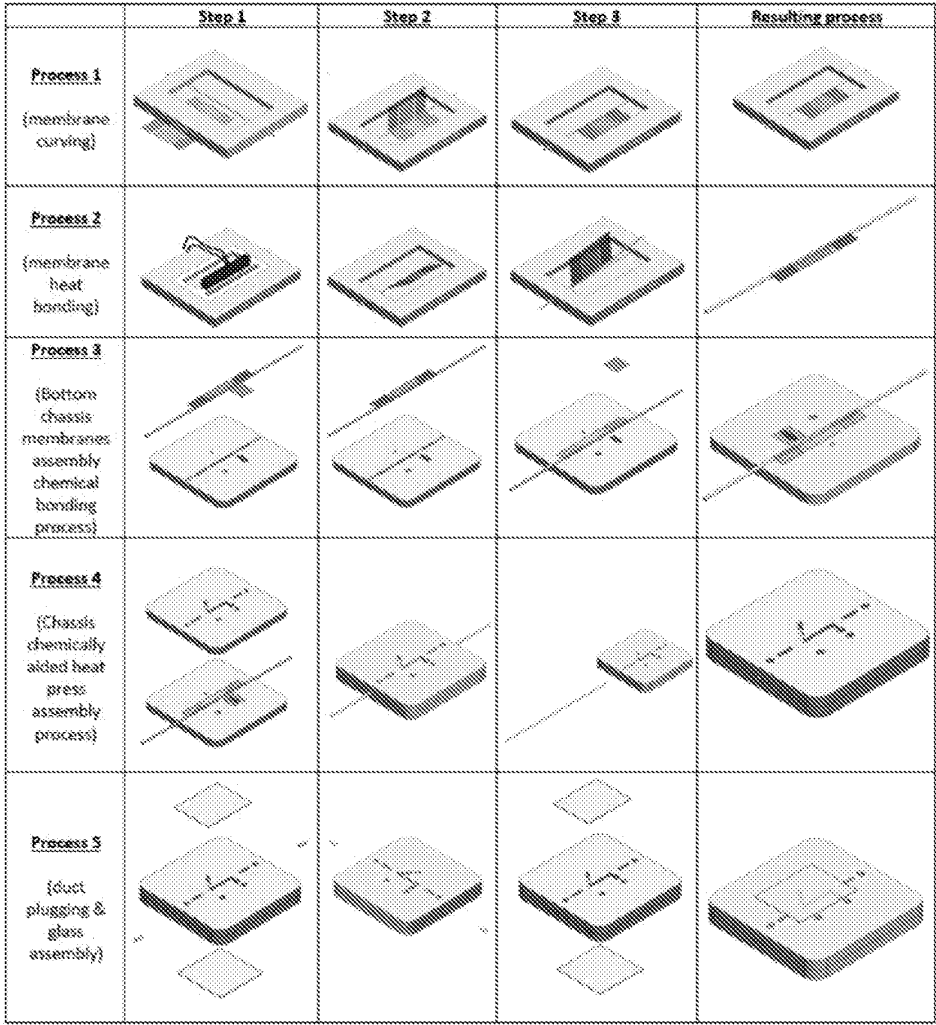


Fig. 7A

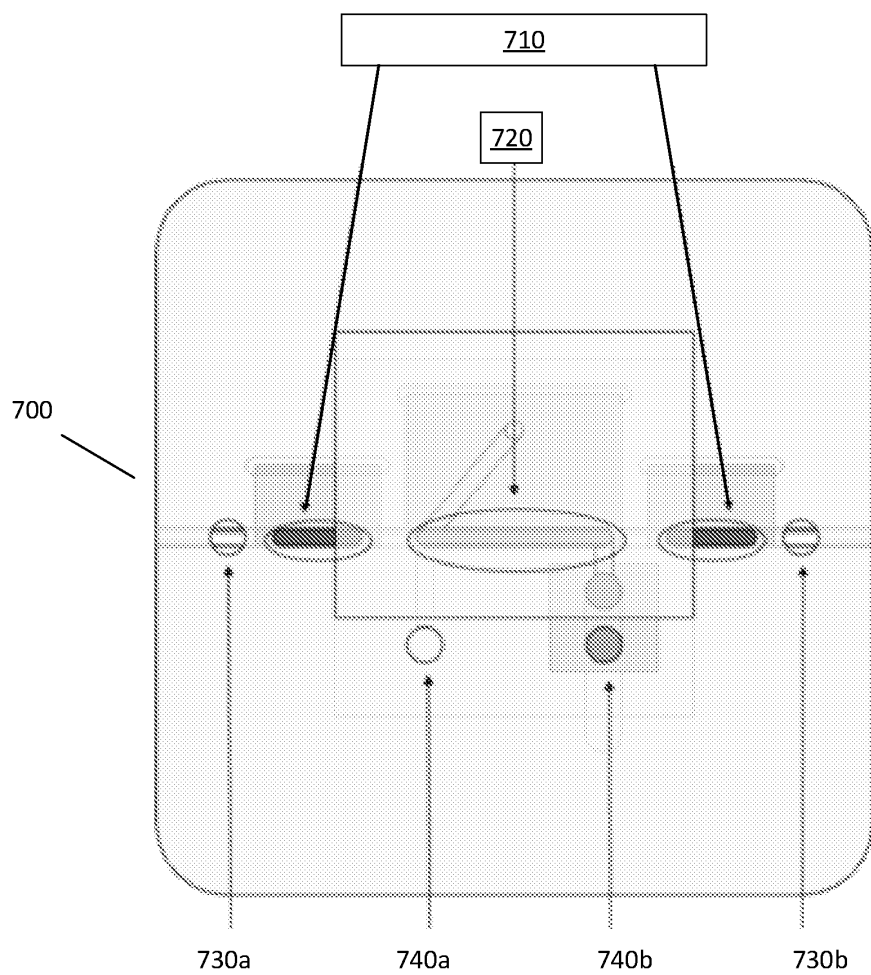


Fig. 7B

750

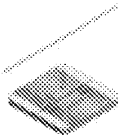
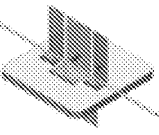
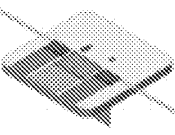
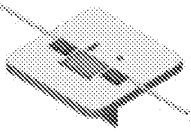
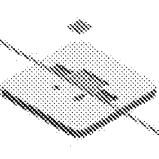
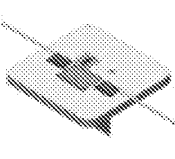
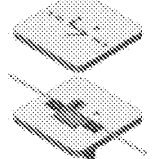
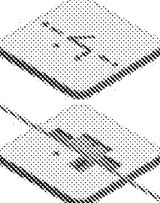
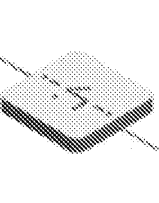
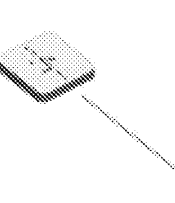
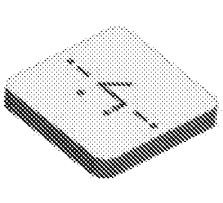
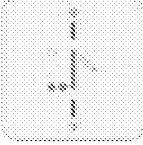
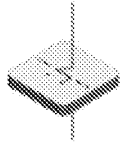
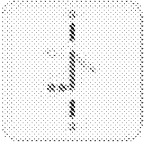
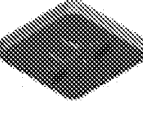
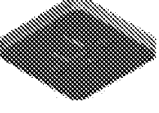
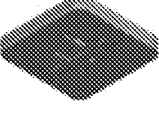
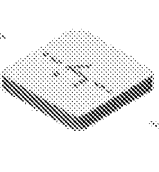
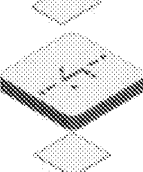
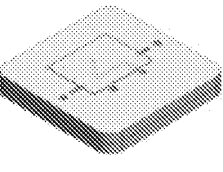
	Step 1	Step 2	Step 3	Resulting process
Process 1 (membrane curving)				
Process 2 (membranes assembly on bottom chassis)				
Process 3 (bottom chassis membranes assembly chemical & heat bonding process)				
Process 4 (membrane drill opening)				
Process 5 (membrane extension cutting)				
Process 6 (duct plugging & glass assembly)				

Fig. 8A

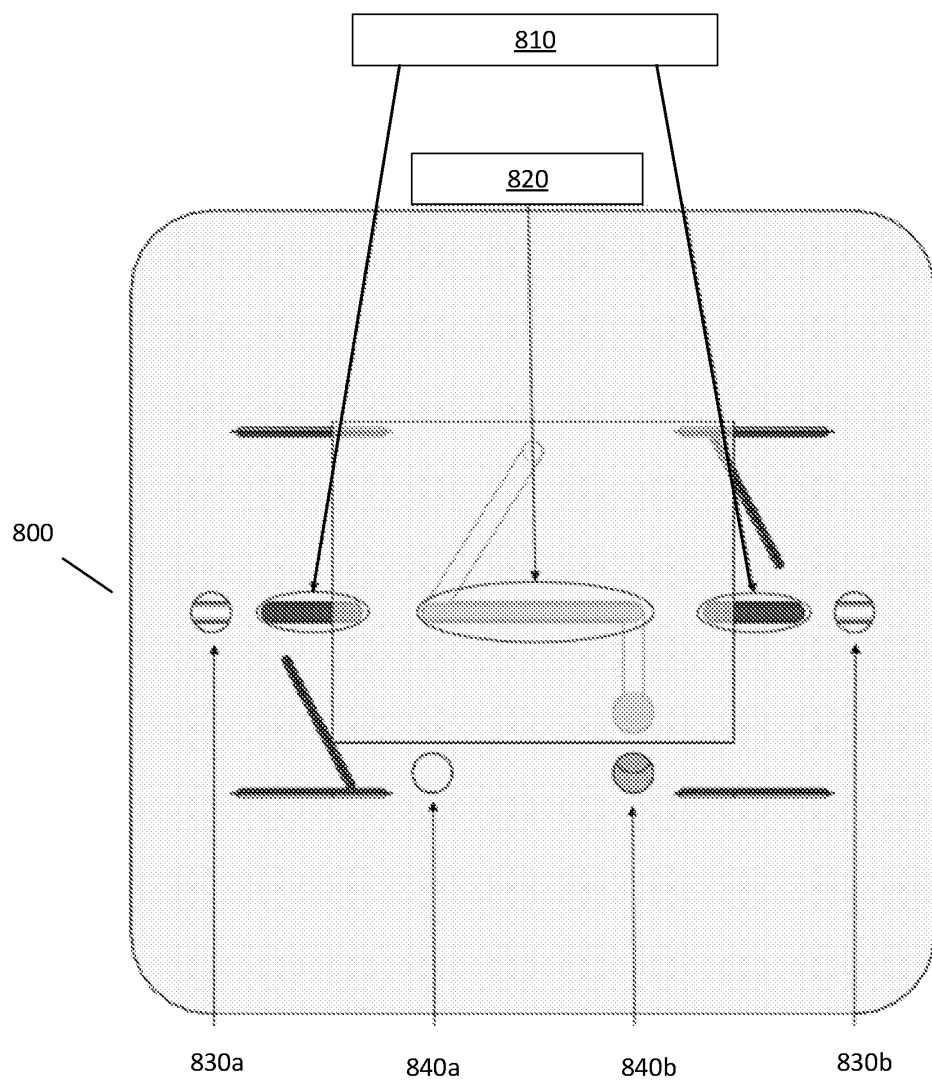


Fig. 8B

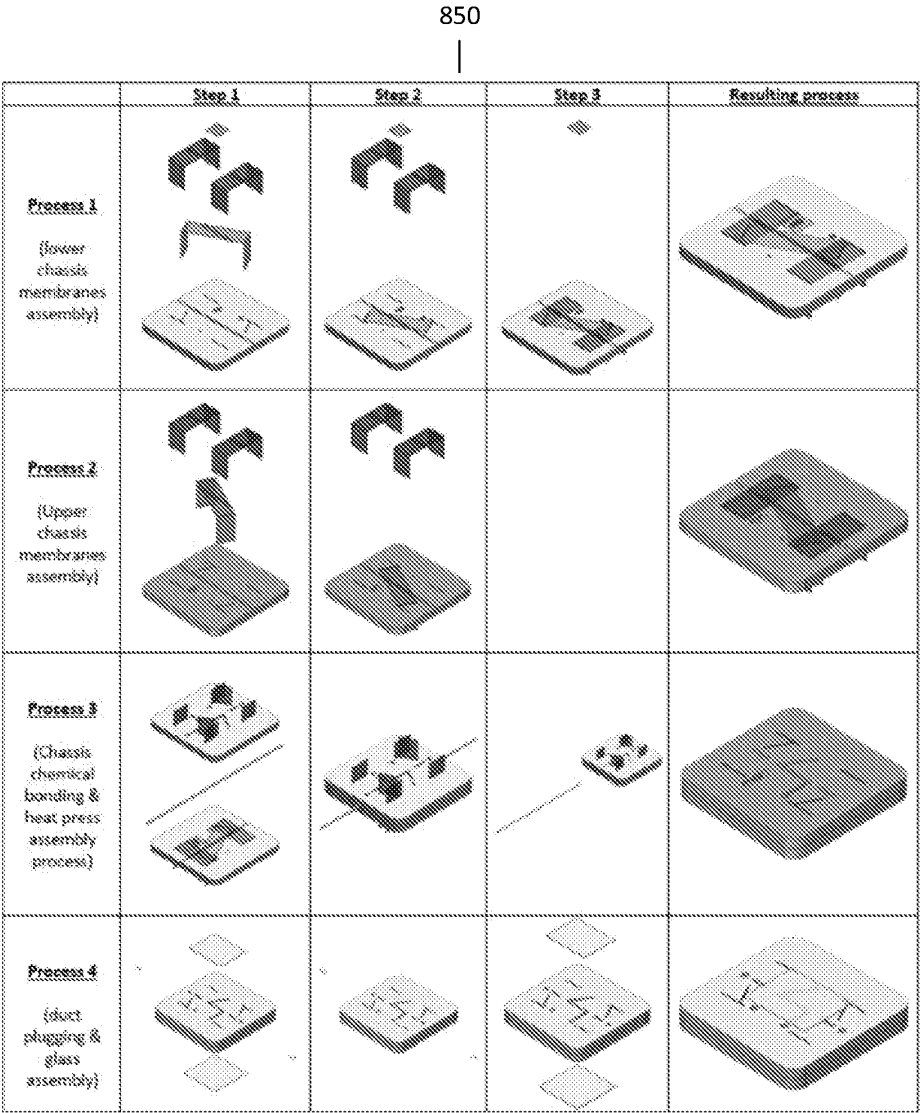


Fig. 9A

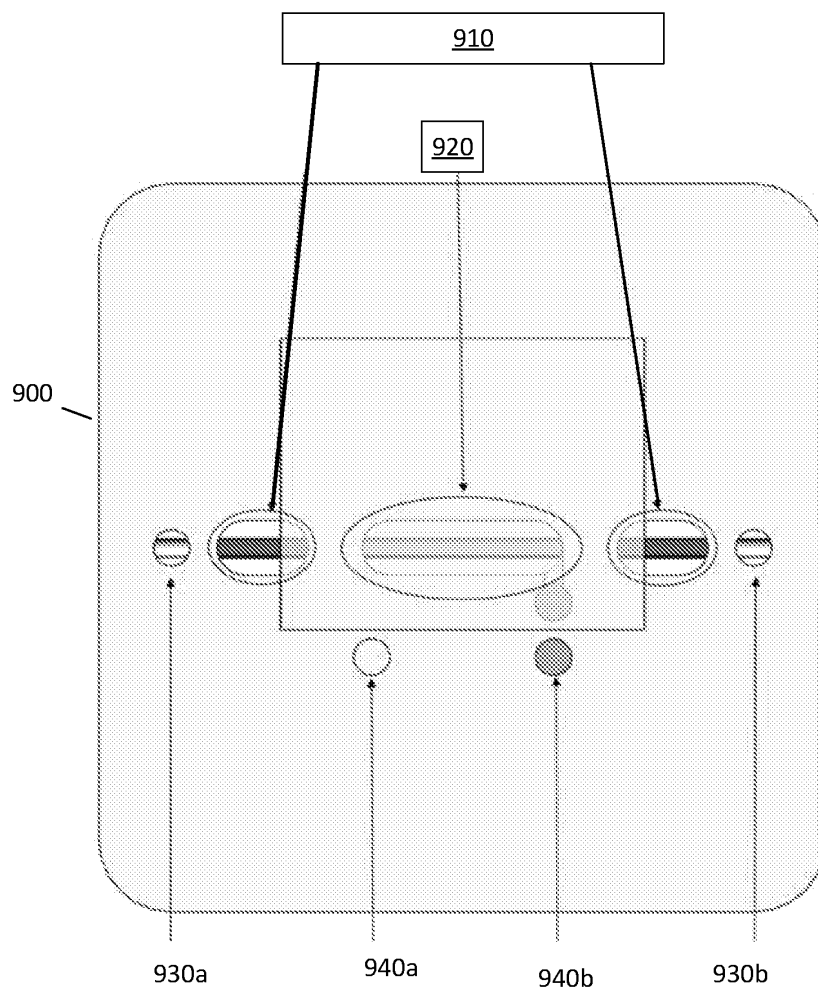


Fig. 9B

950

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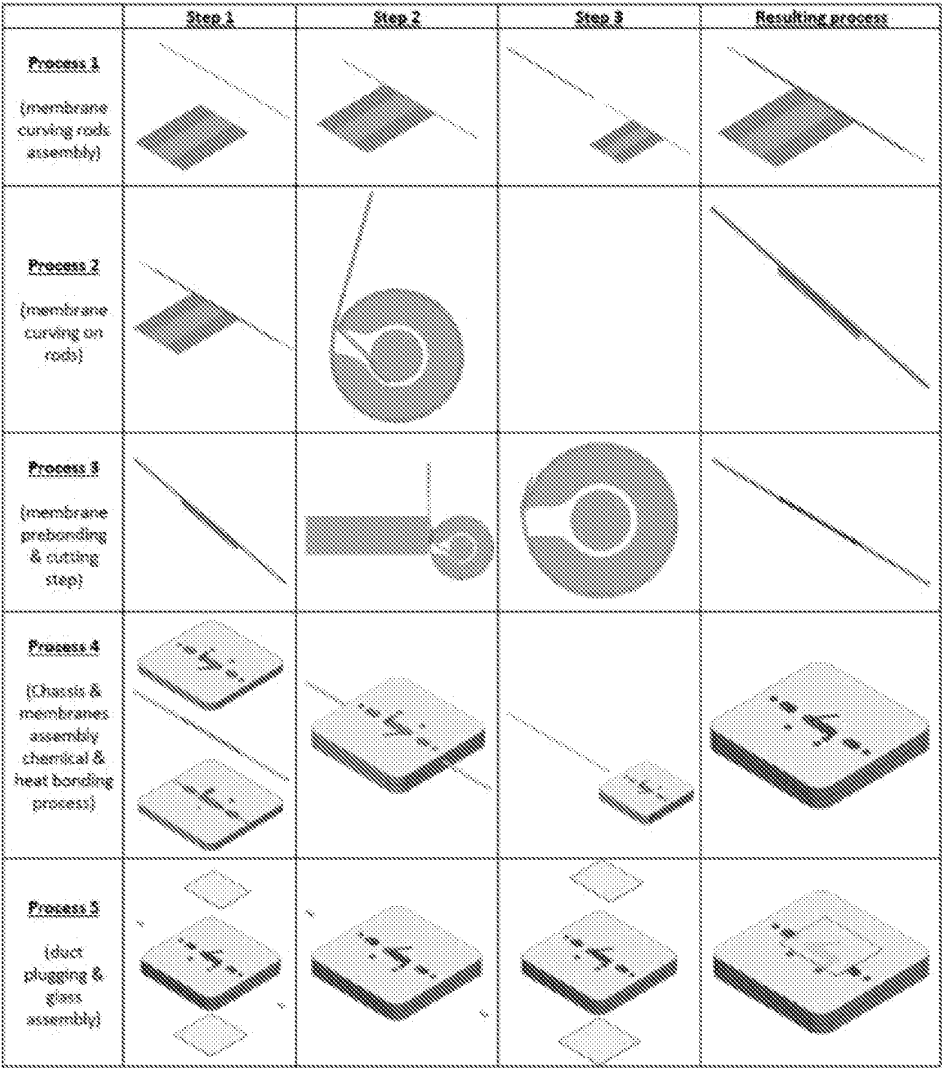


Fig. 10A

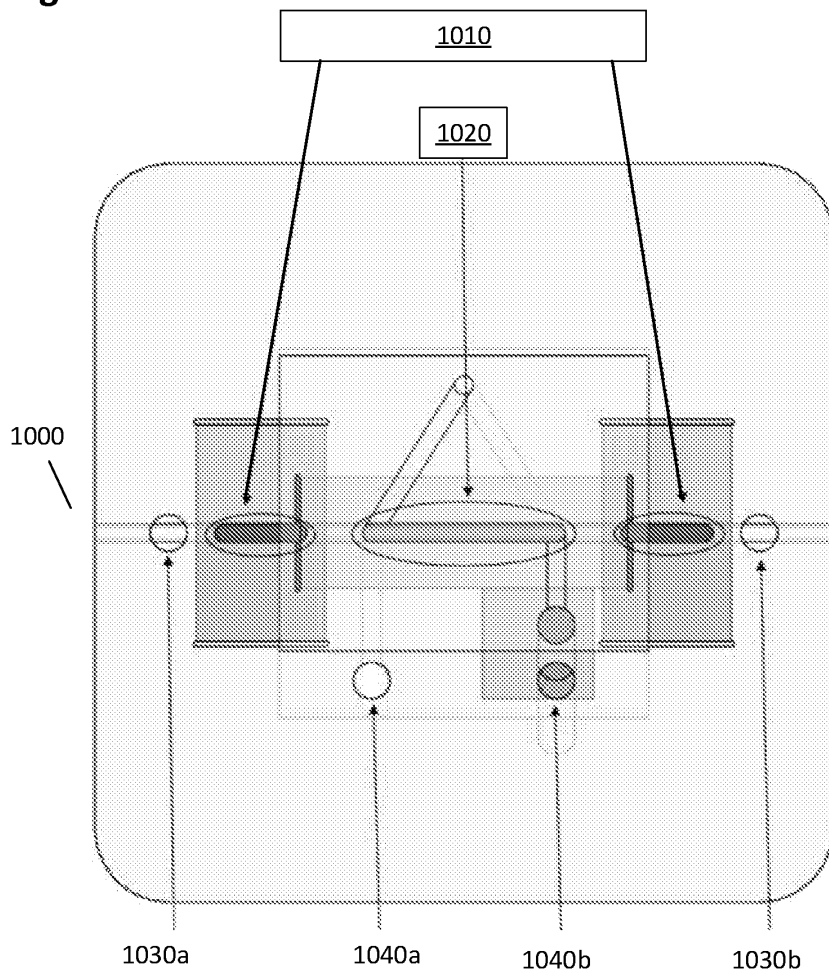


Fig. 10B

1050
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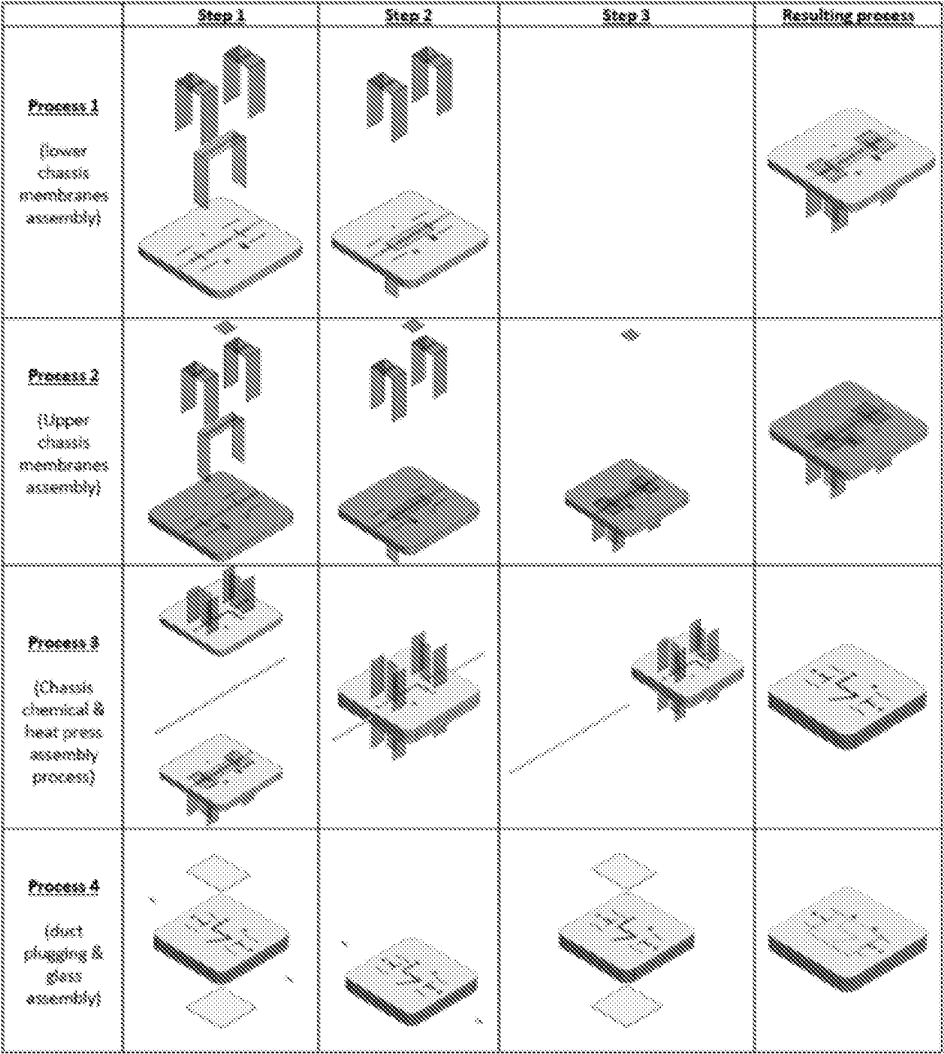


Fig. 11A

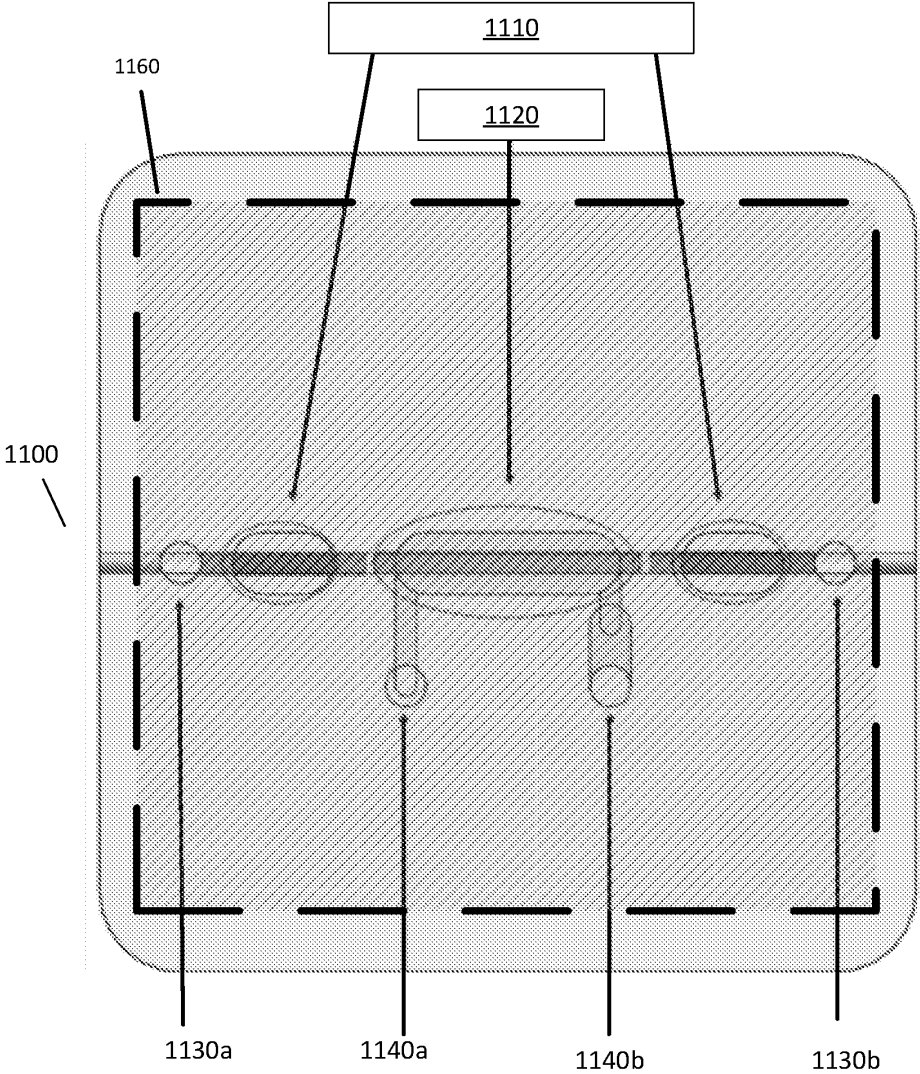


Fig. 11B

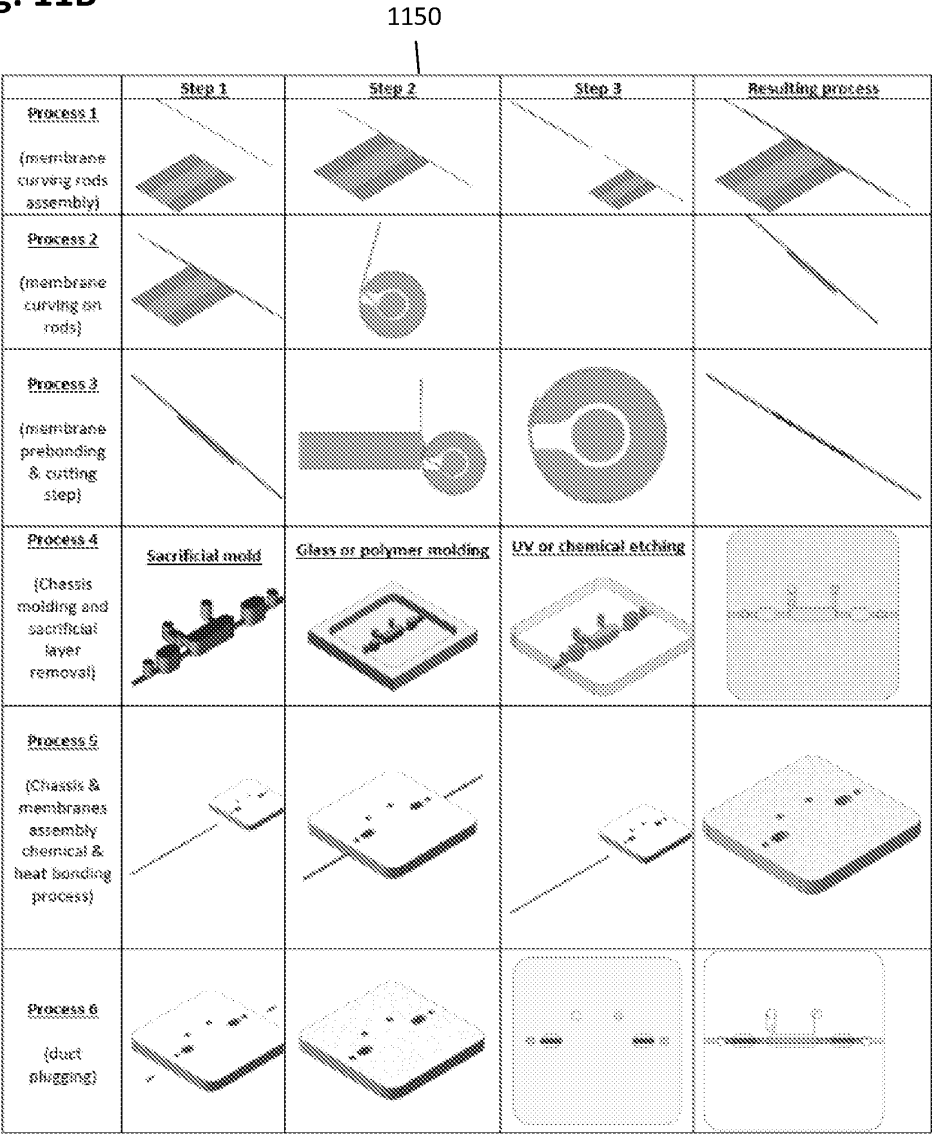


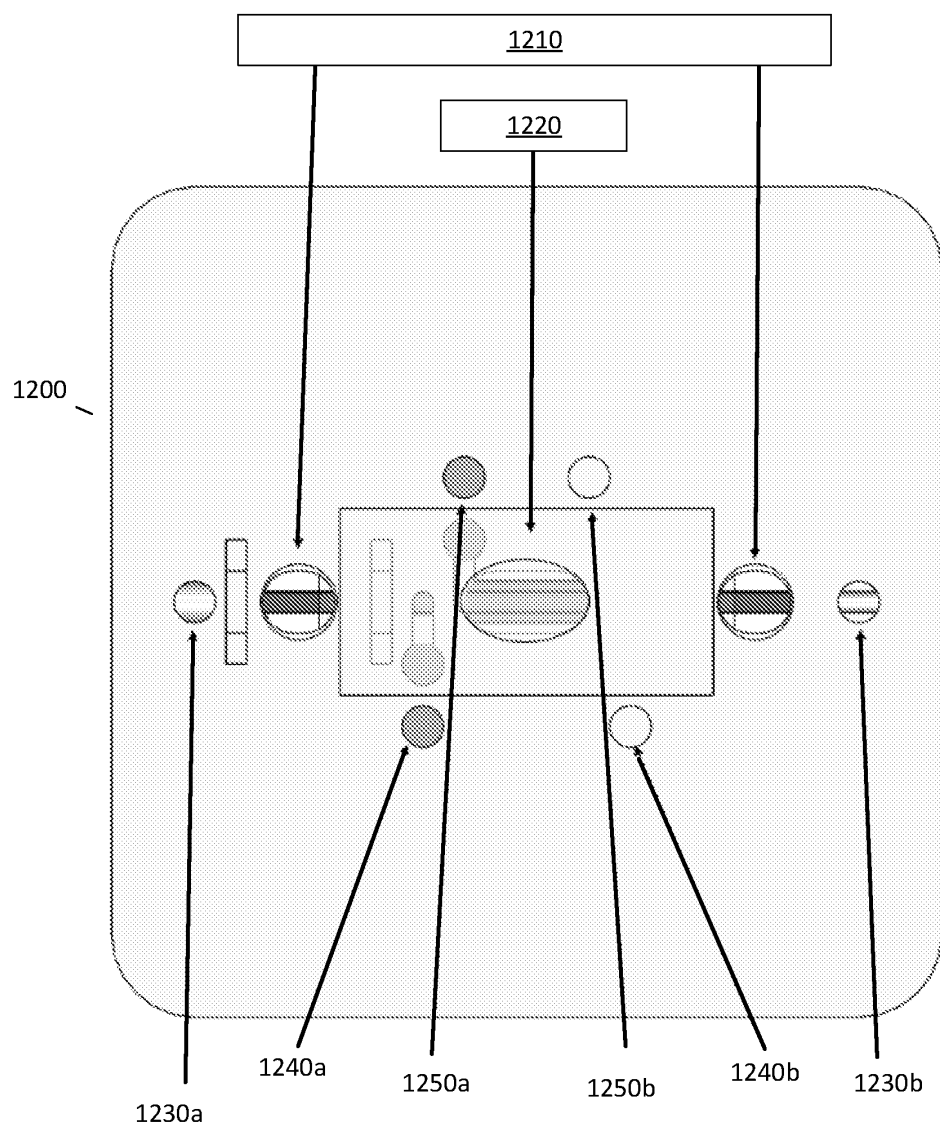
Fig. 12A

Fig. 12B

1260

	Step 1	Step 2	Step 3	Resulting process
Process 1 (membrane curving rods assembly)				
Process 2 (membrane curving on small pin)				
Process 3 (membrane prebonding & cutting step)				
Process 4 (Small pin assembled in large pin, with membranes and between chassis)	<u>Rings assembly</u> 	<u>Two pins assembly</u> 		
Process 5 (Chemical & heat bonding process, pin removal & duct plugging)				
Process 6 (Coverslip assembly)			<u>Area of interest cross-sectional view</u> 	

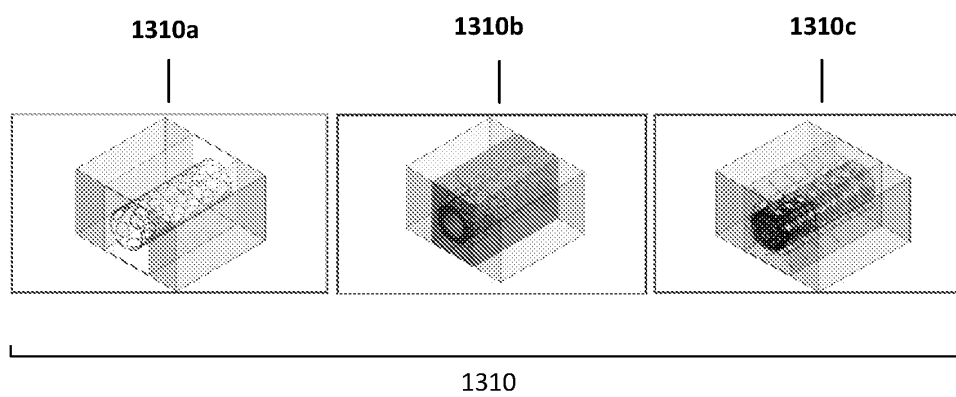
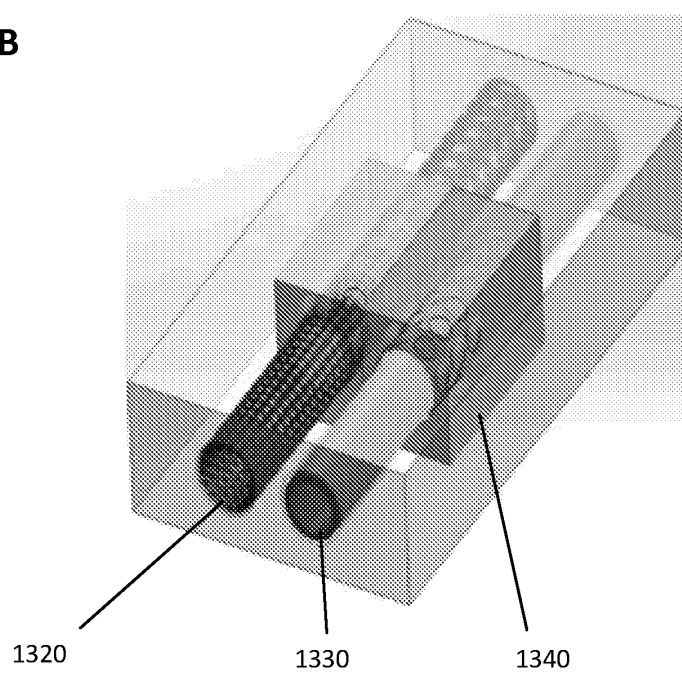
Fig. 13A**Fig. 13B**

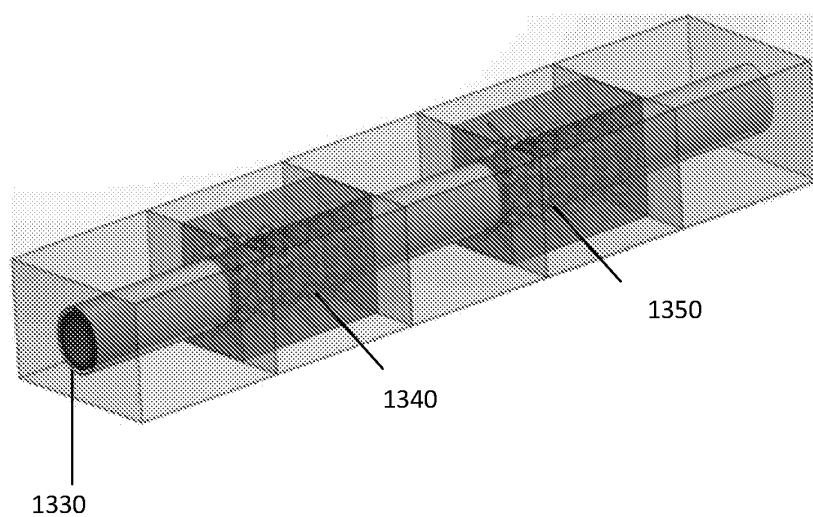
Fig. 13C

Fig. 14

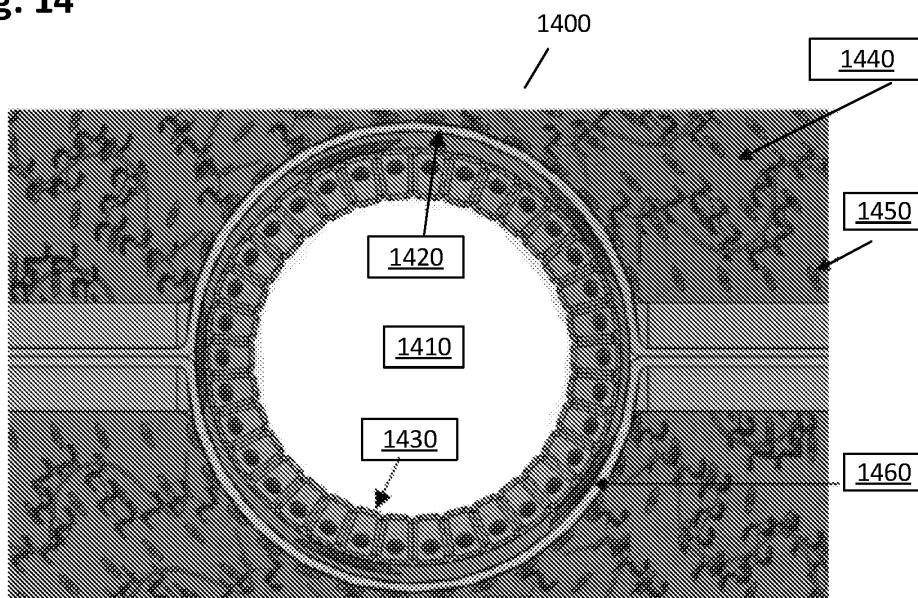


Fig. 15A

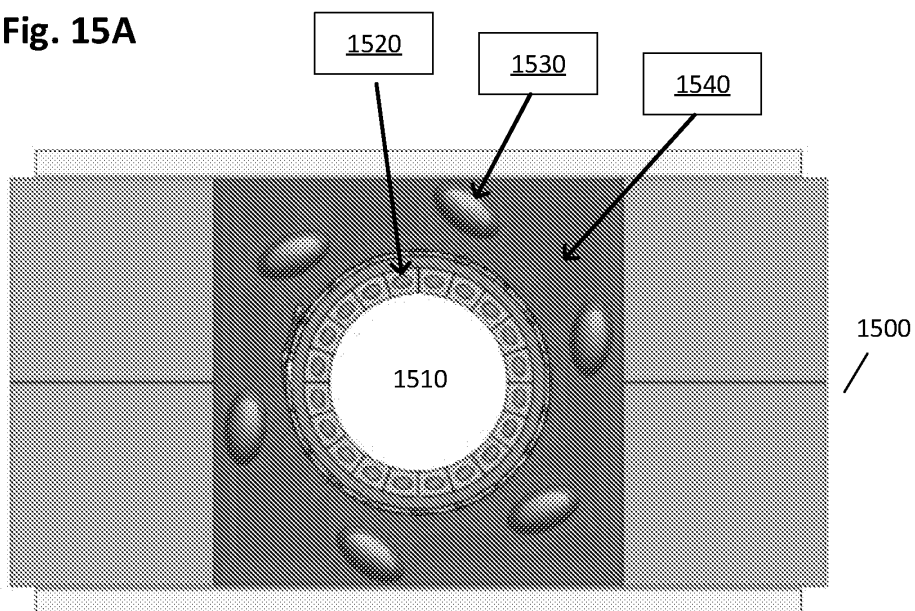


Fig. 15B

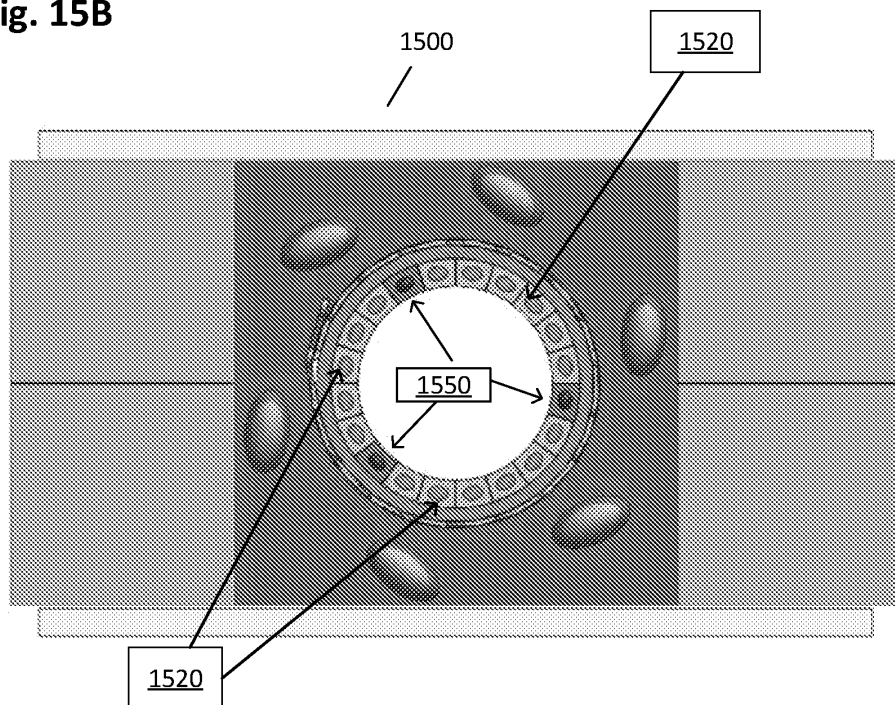


Fig. 15C

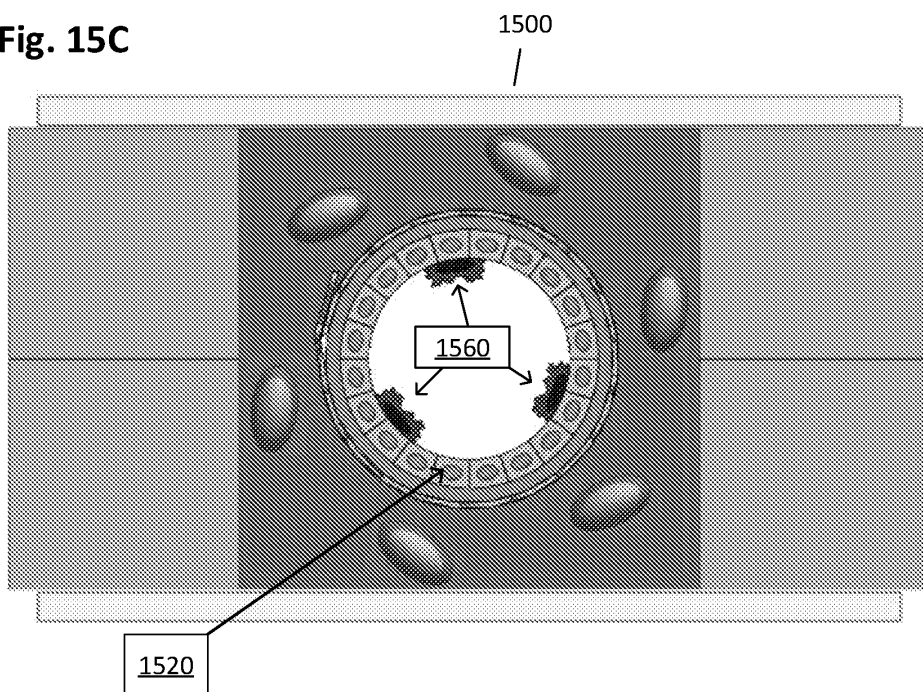


Fig. 15D

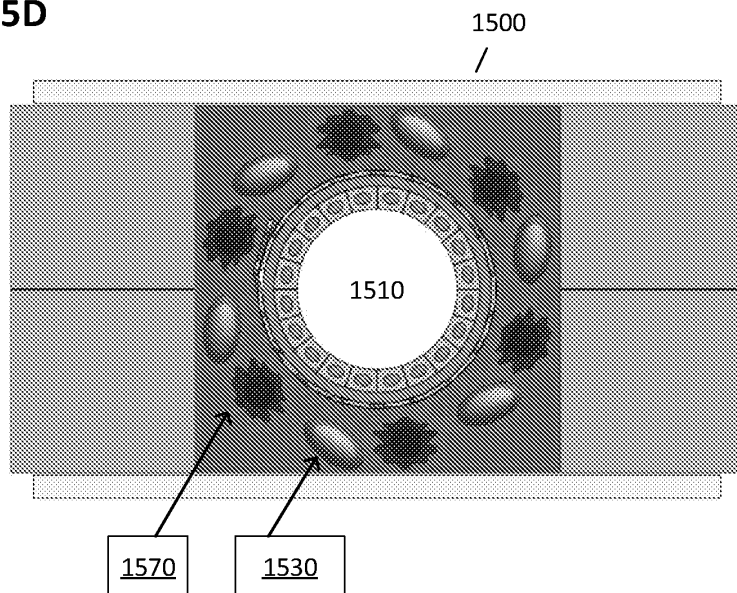


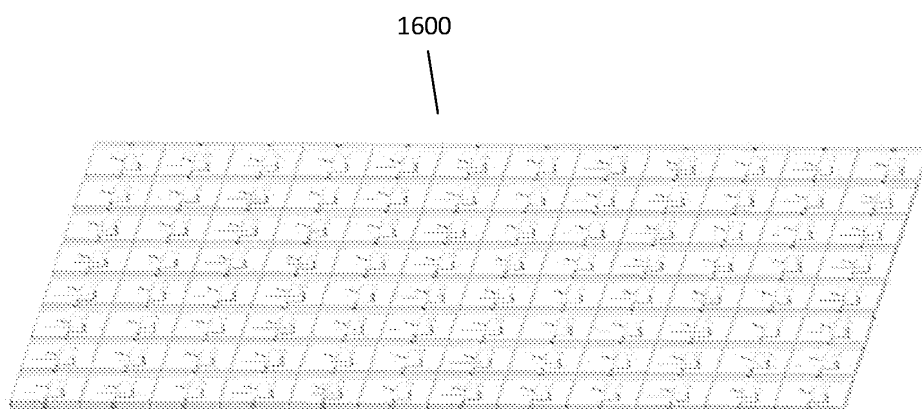
Fig. 16

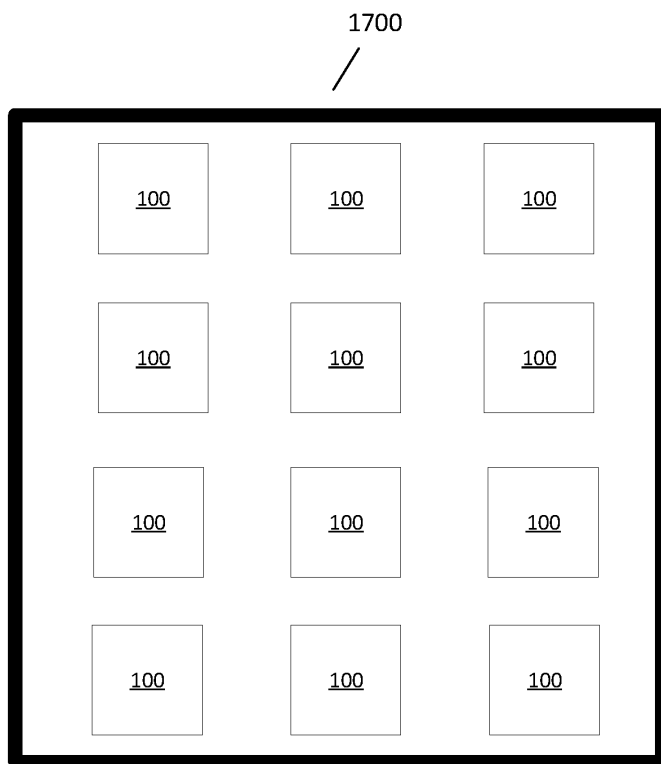
Fig. 17

Fig. 18

1800

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