

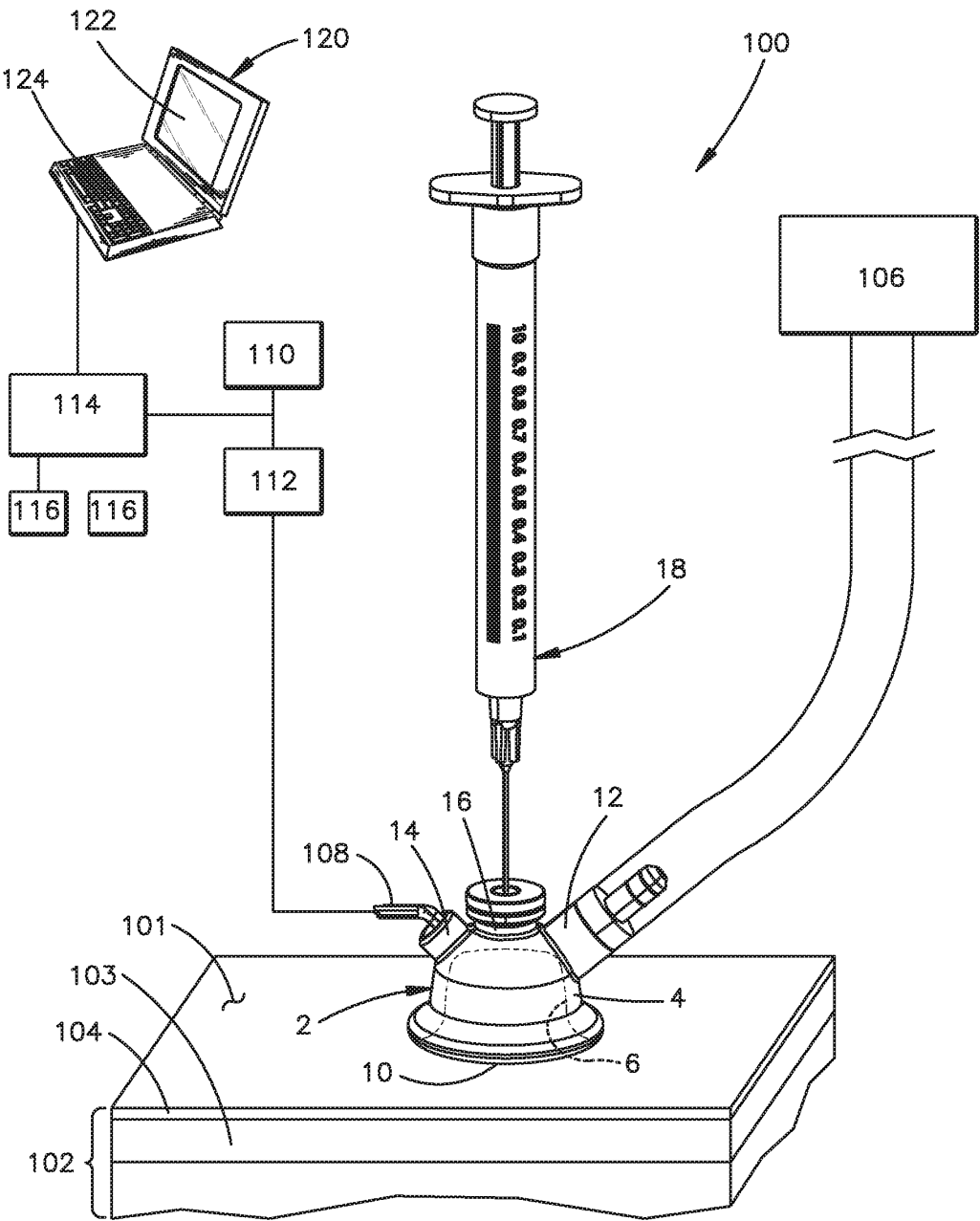
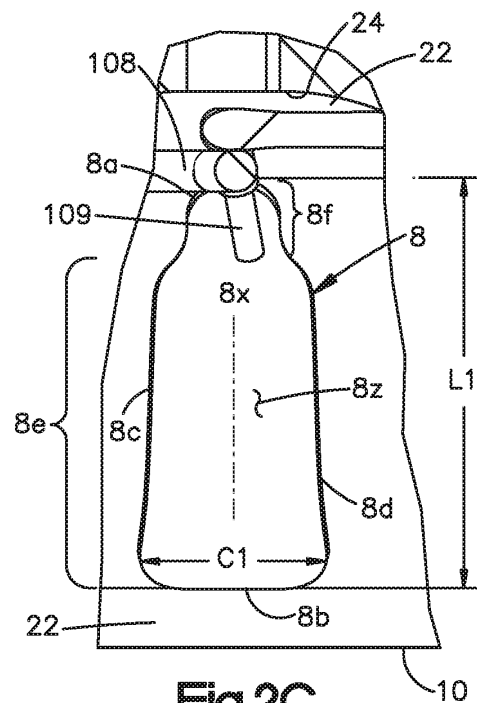
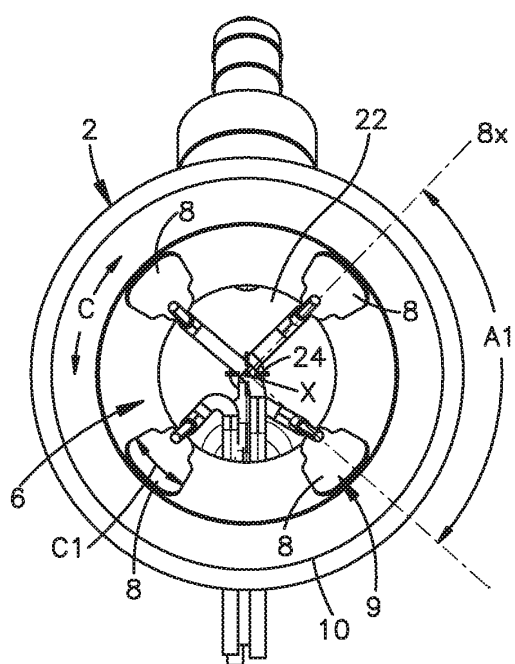
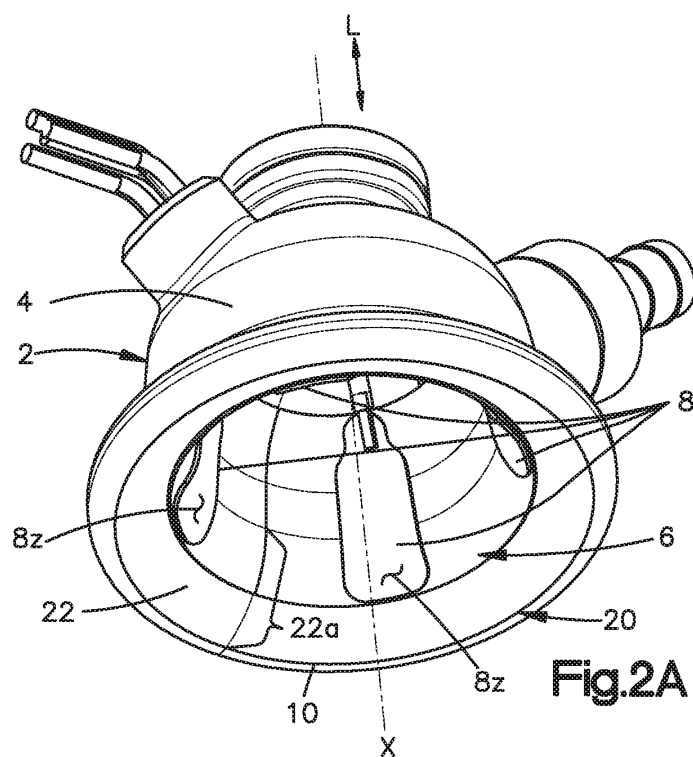


Fig.1

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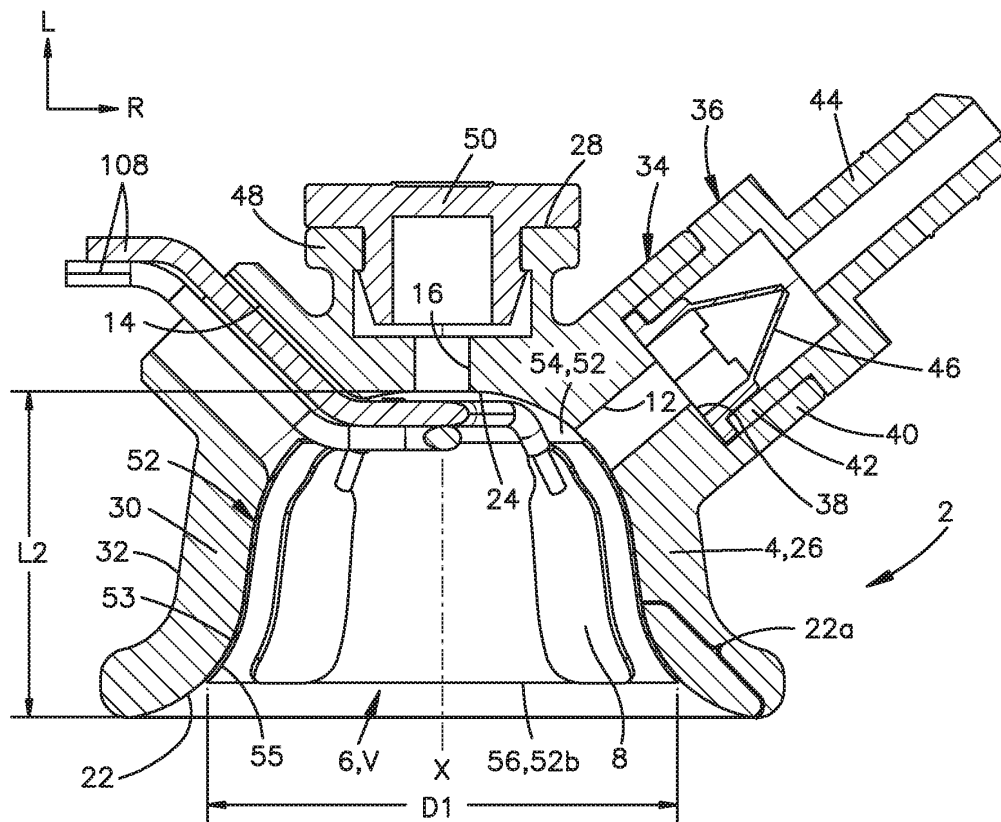


Fig.2D

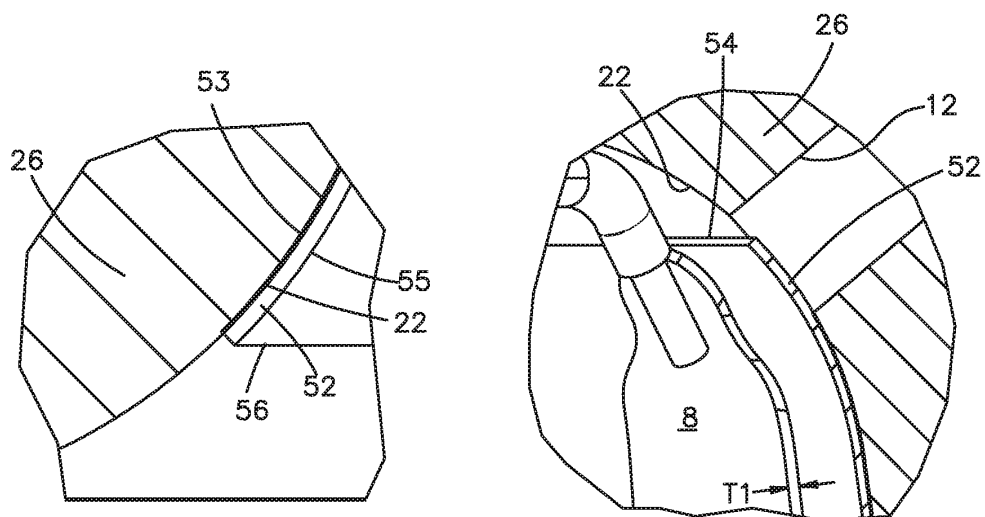


Fig.2E

Fig.2F

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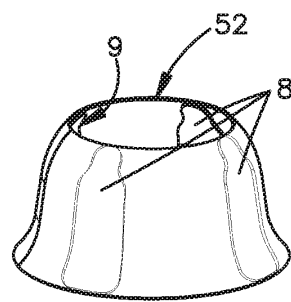


Fig. 3A

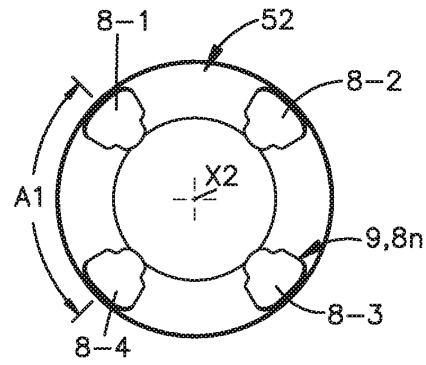


Fig. 3B

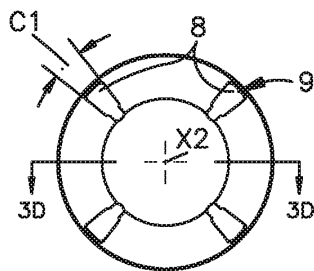


Fig. 3C

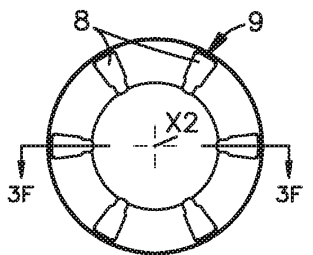


Fig. 3E

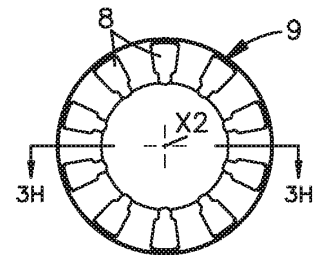


Fig. 3G

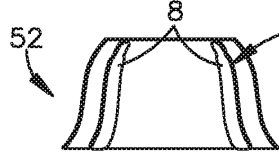


Fig. 3D

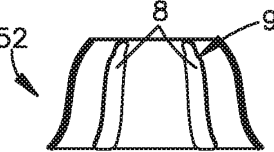


Fig. 3F

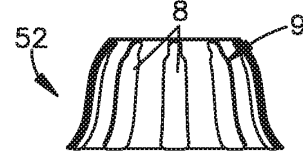


Fig. 3H

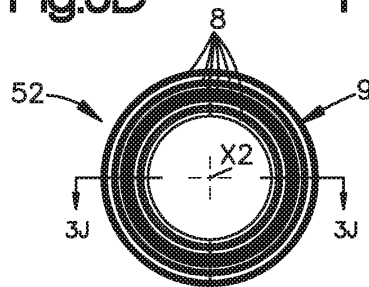


Fig. 3I

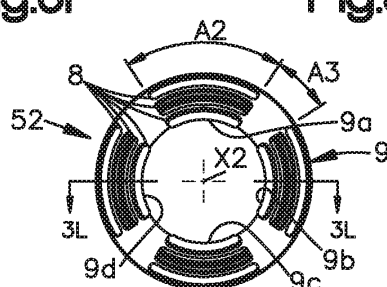


Fig. 3K

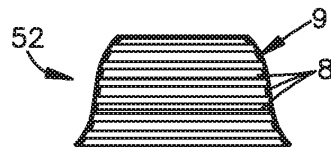


Fig. 3J

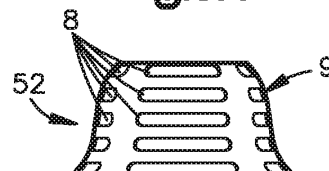


Fig. 3L

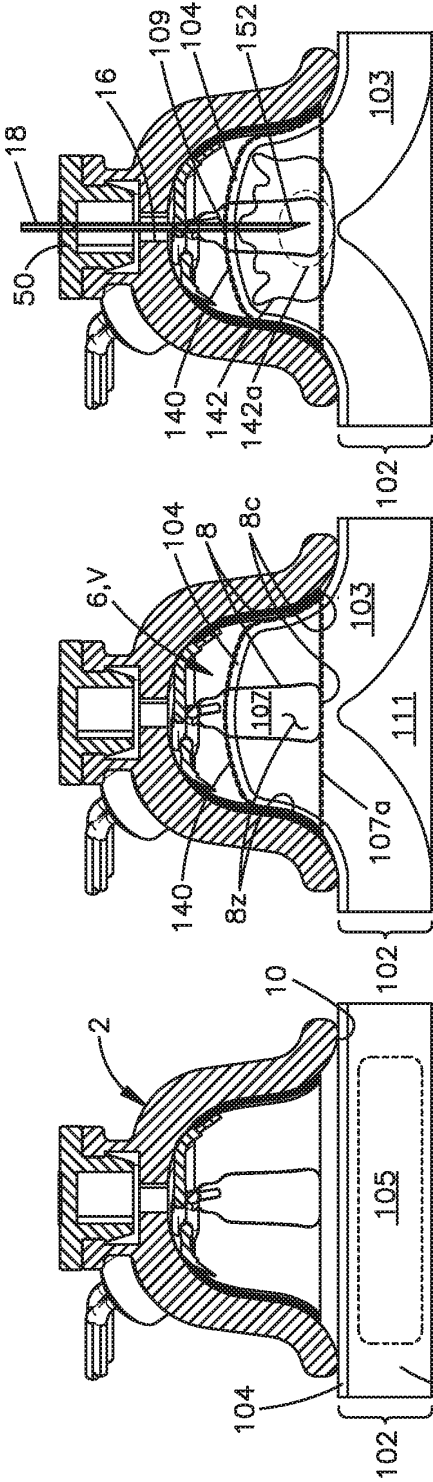


Fig.4C

Fig.4B

Fig.4A

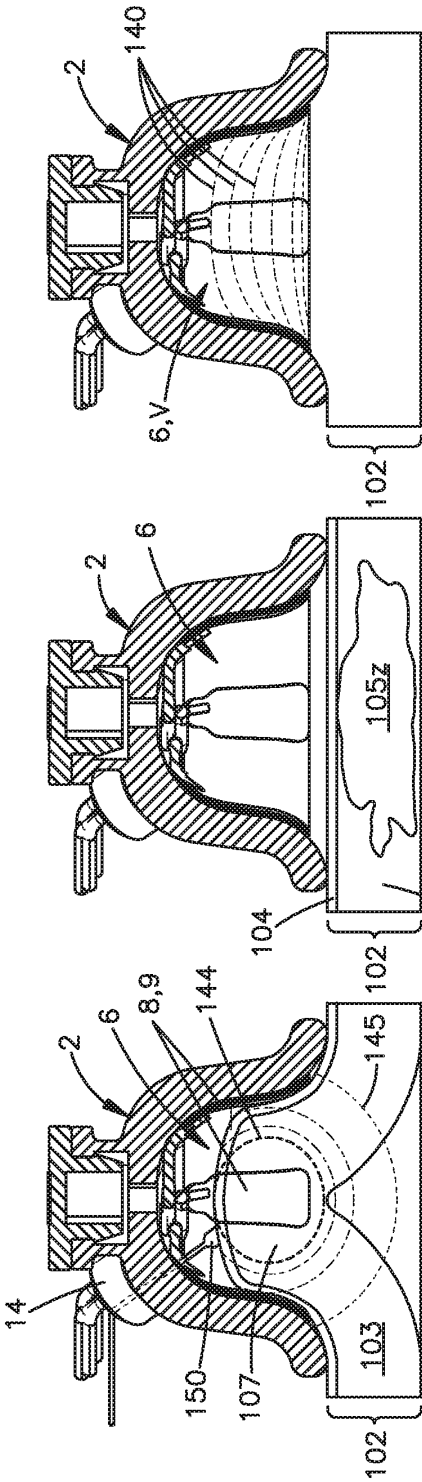
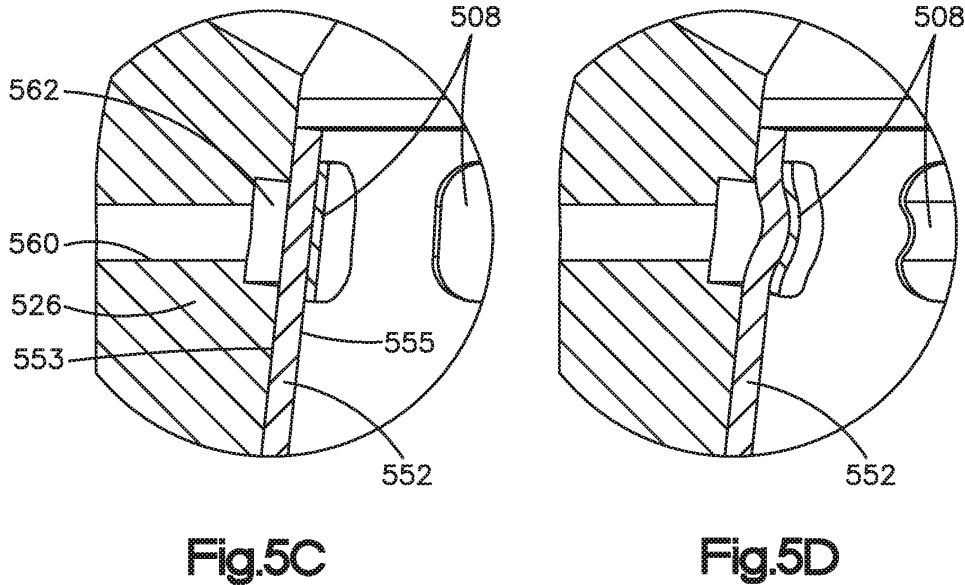
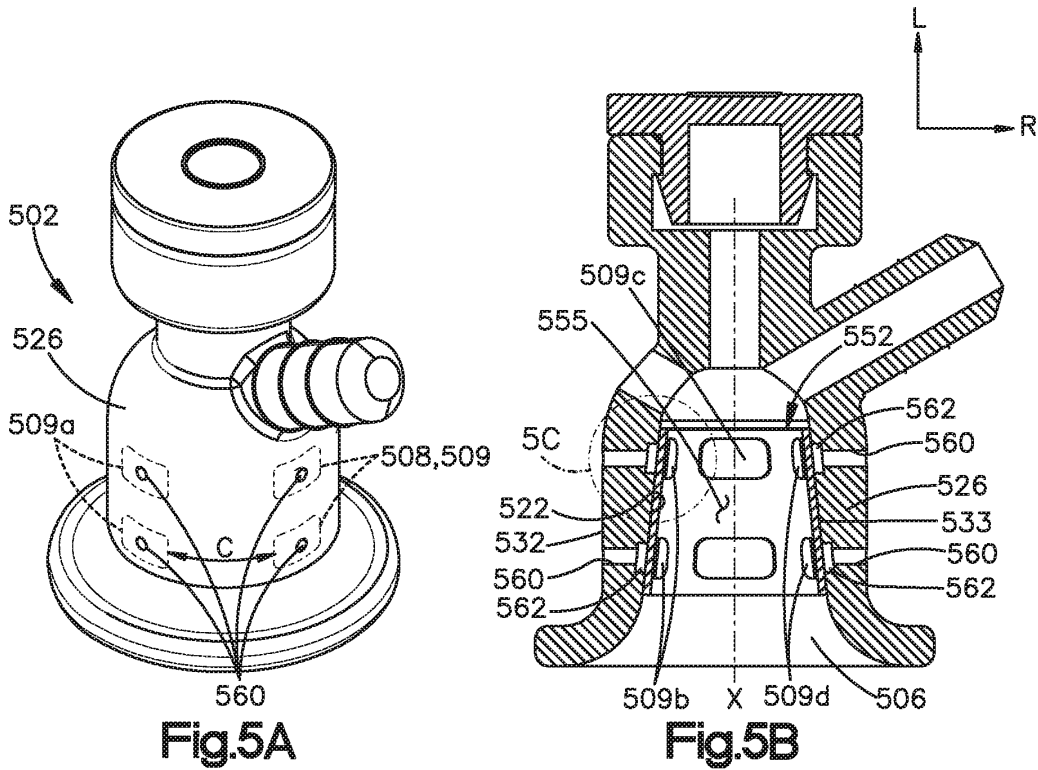


Fig.4F

Fig.4E

Fig.4D



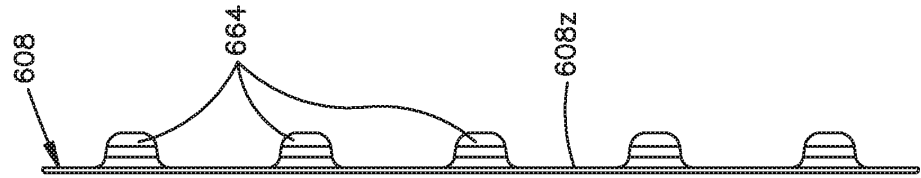


Fig. 6D

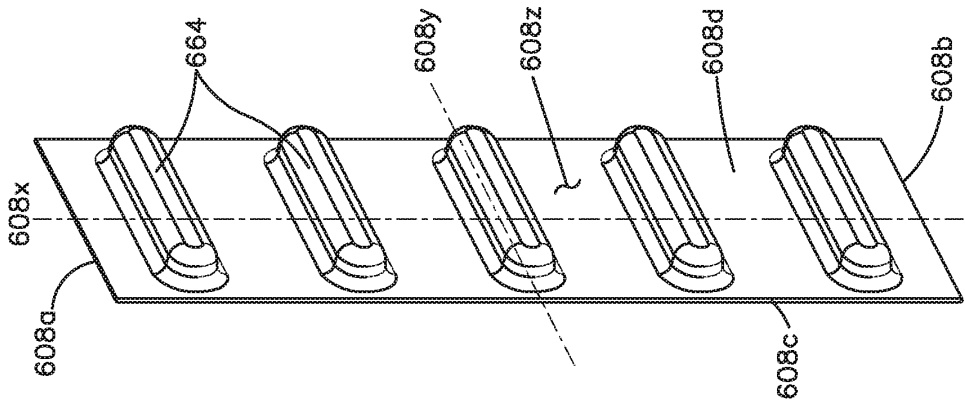


Fig. 6C

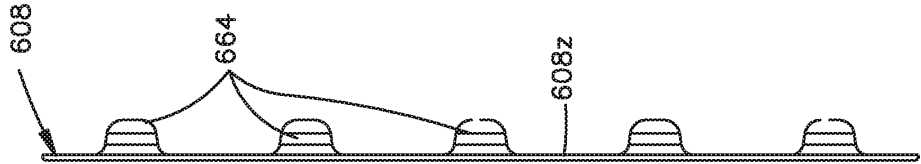


Fig. 6B

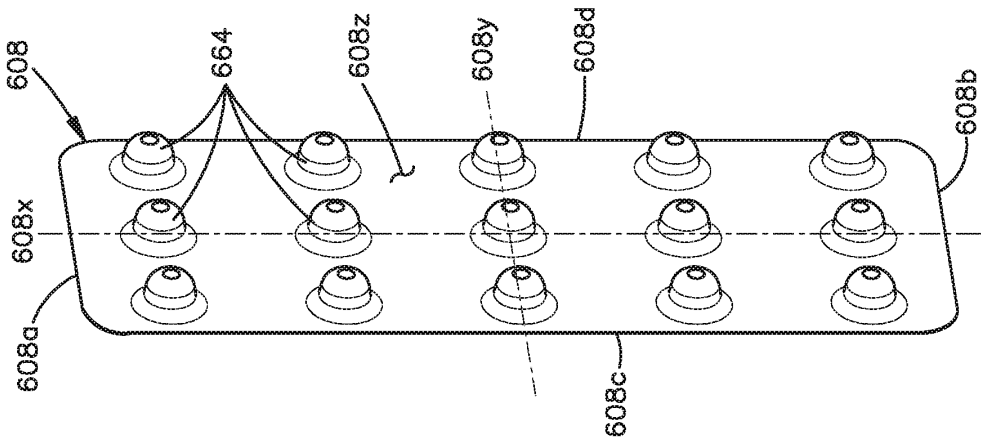


Fig. 6A

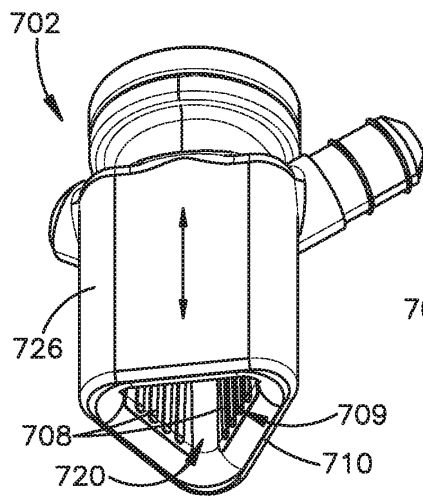


Fig.7A

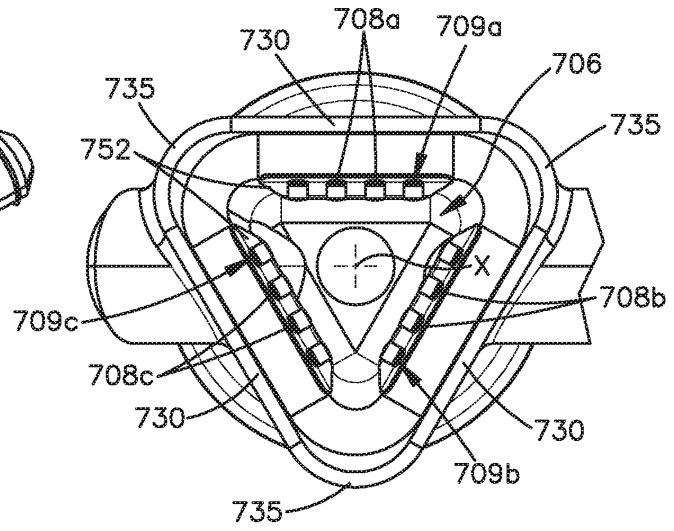


Fig.7B

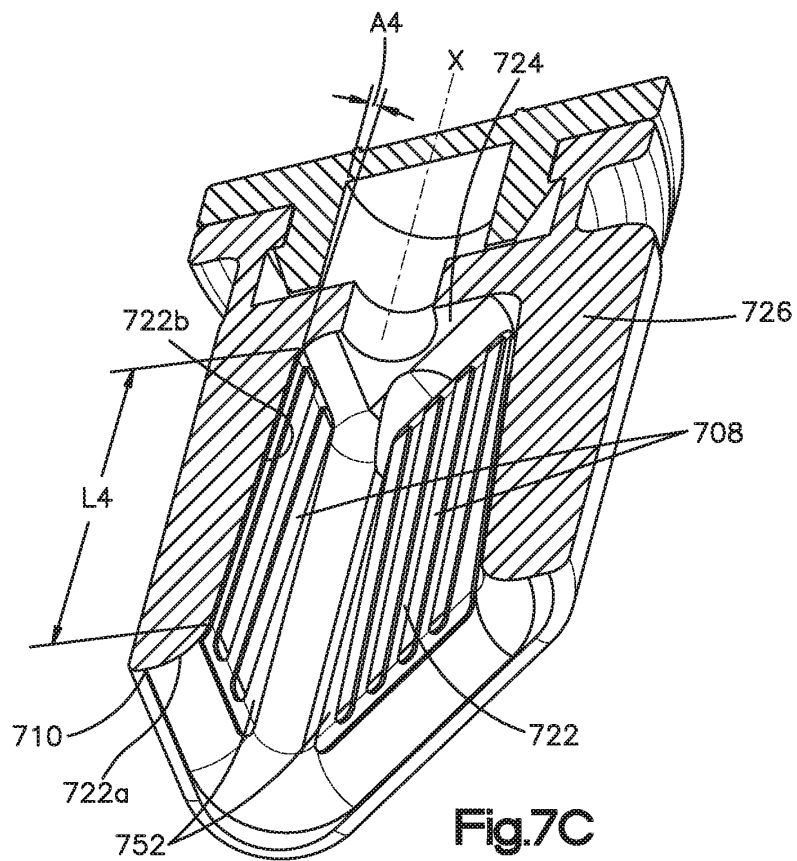


Fig.7C

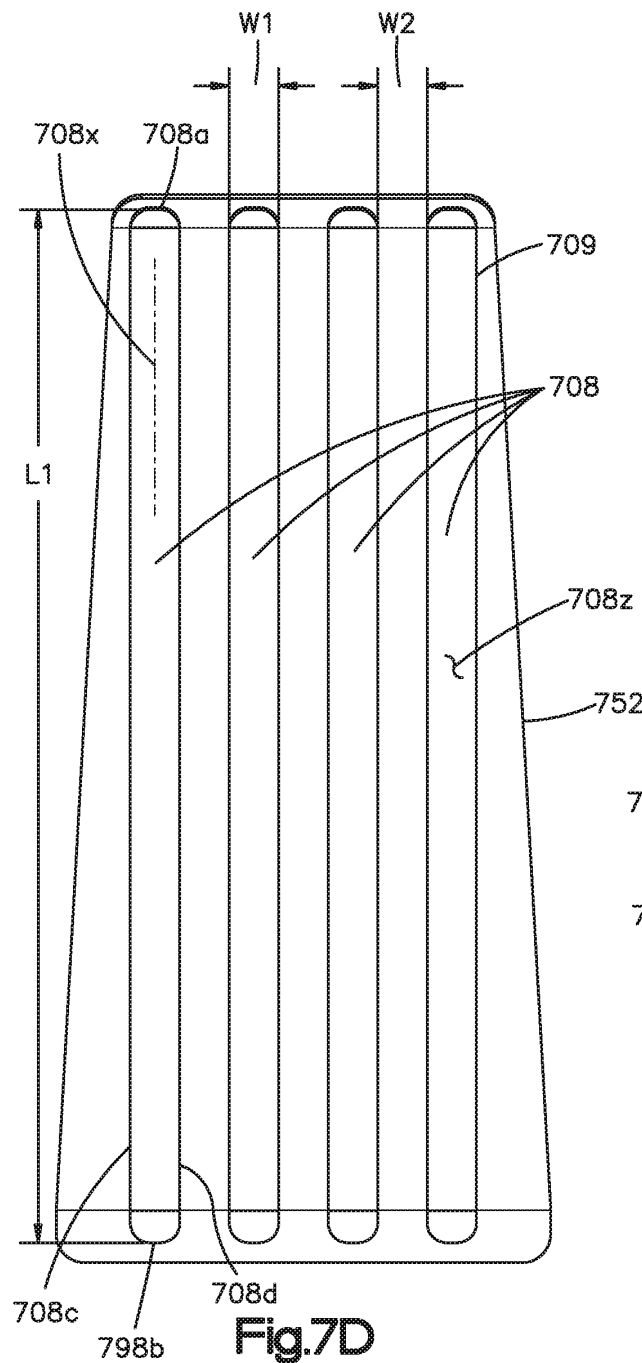


Fig. 7D

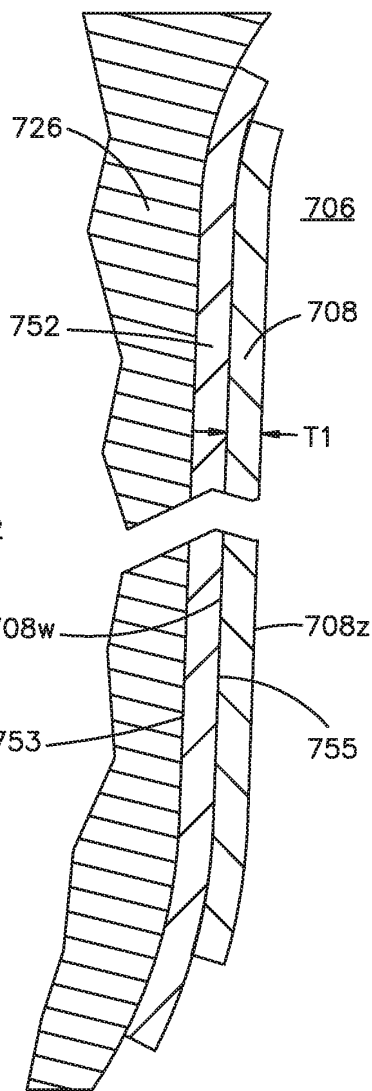


Fig. 7E

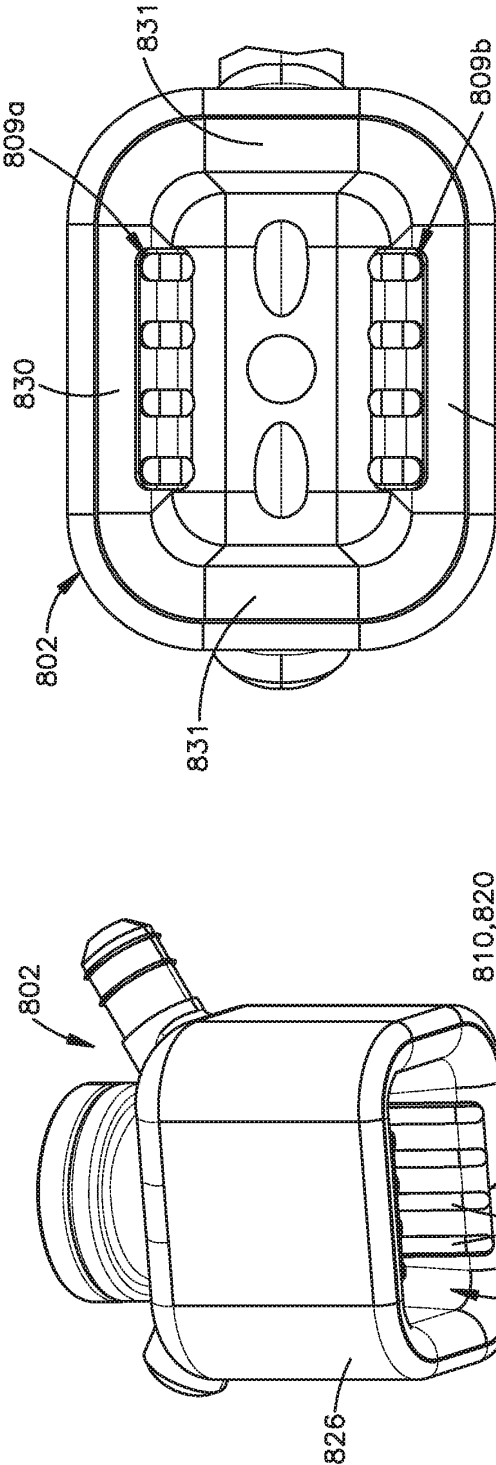


Fig. 8B

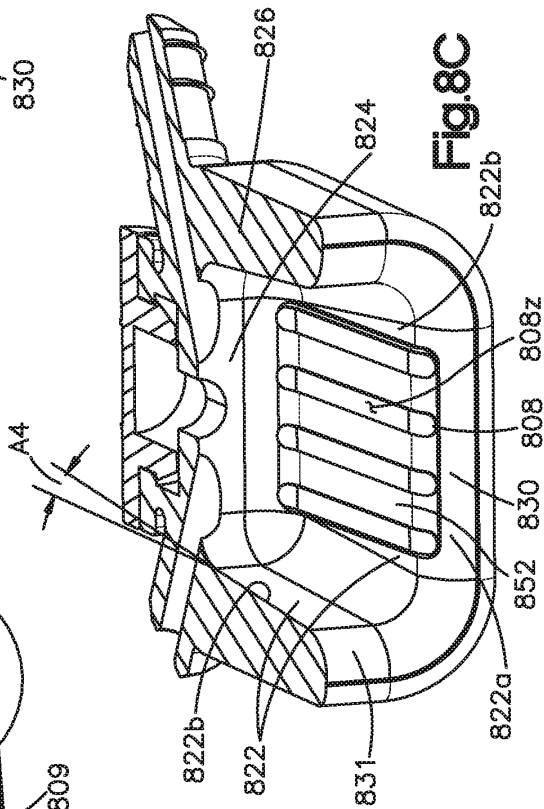


Fig. 8C

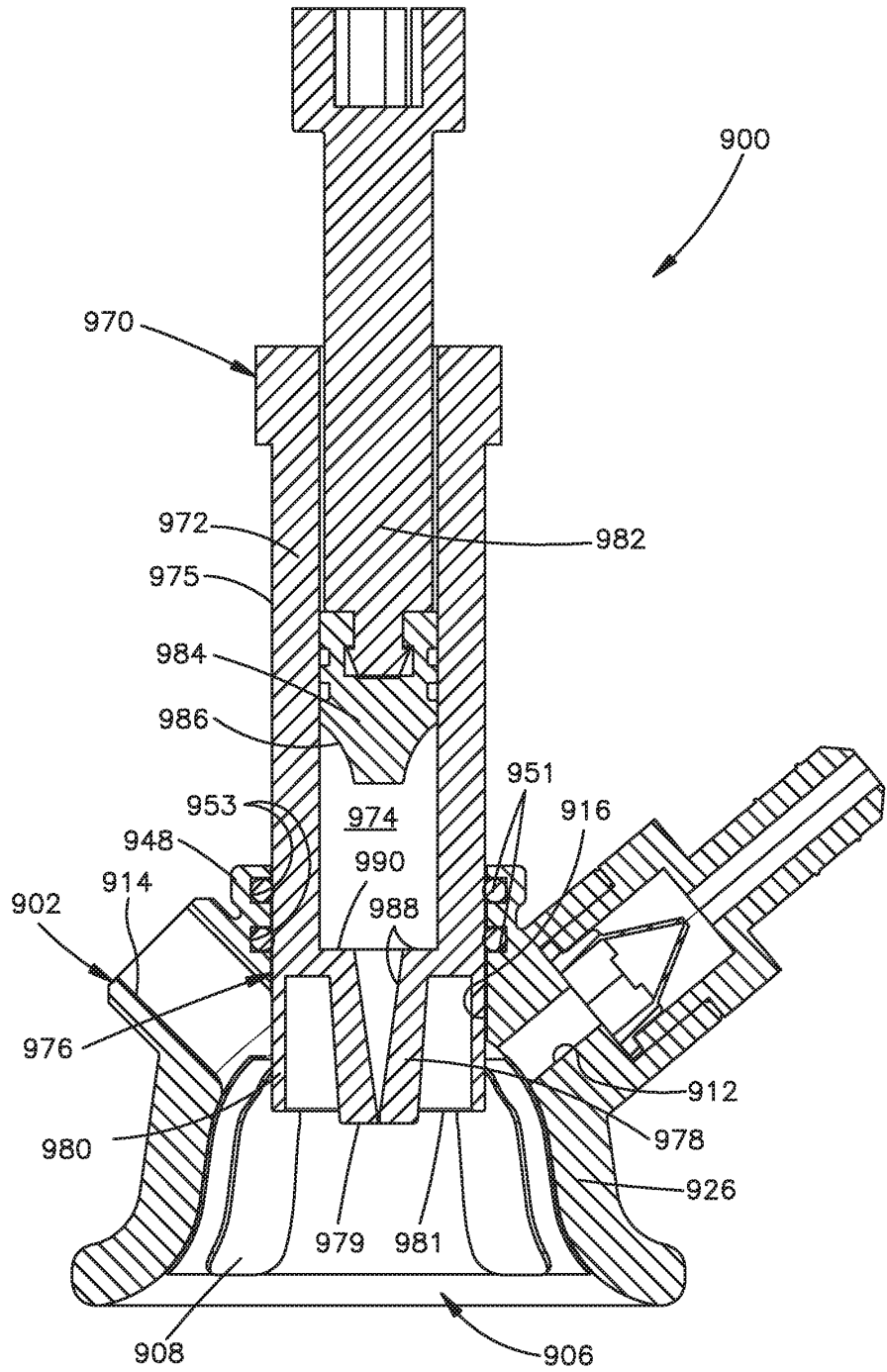
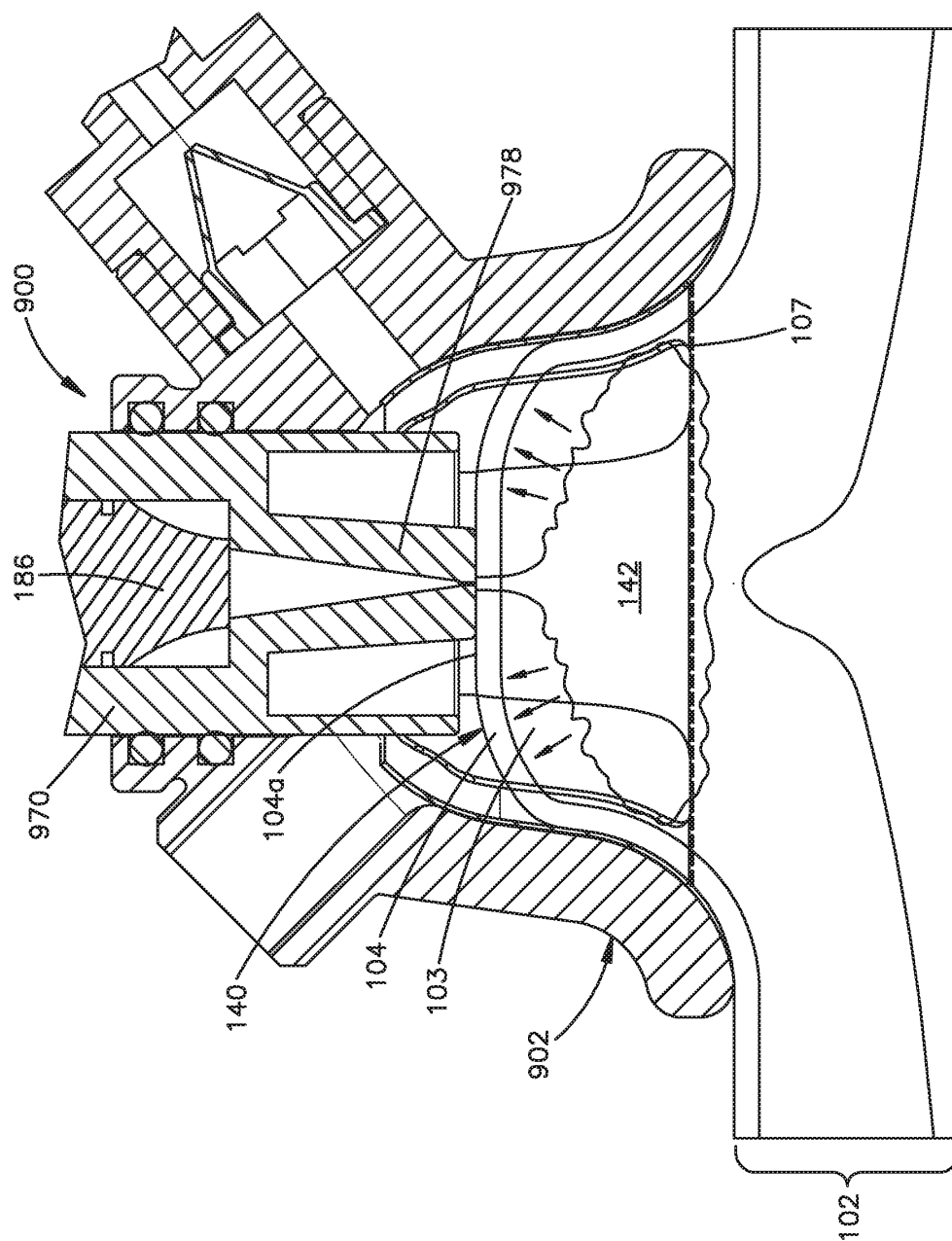


Fig.9A



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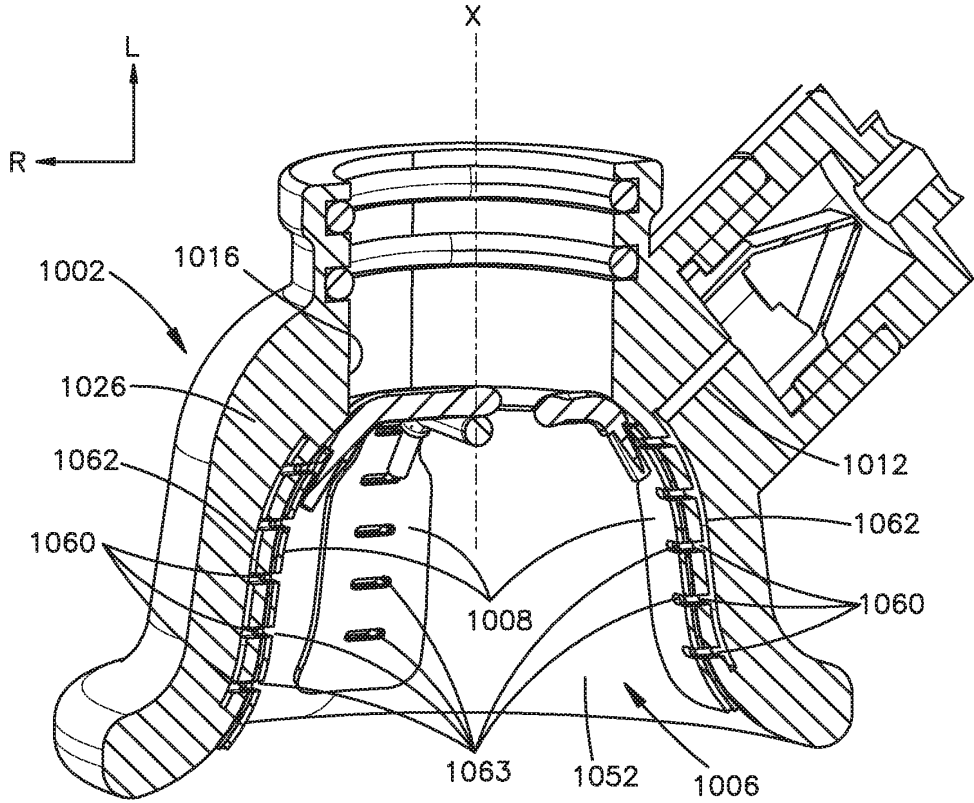


Fig.10A

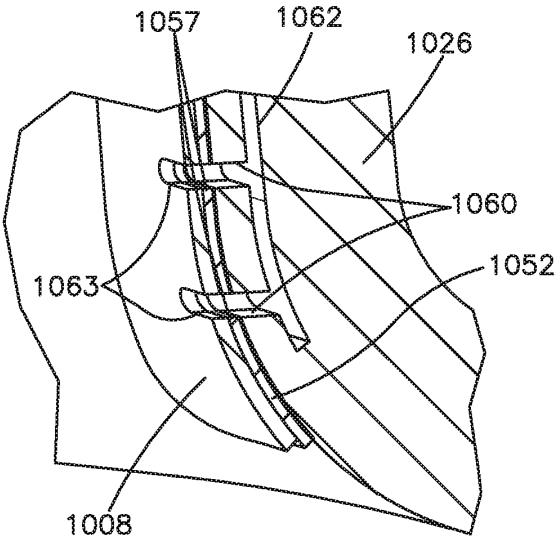


Fig.10B

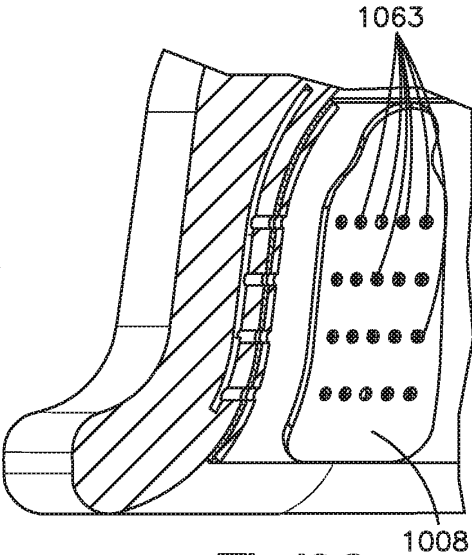


Fig.10C

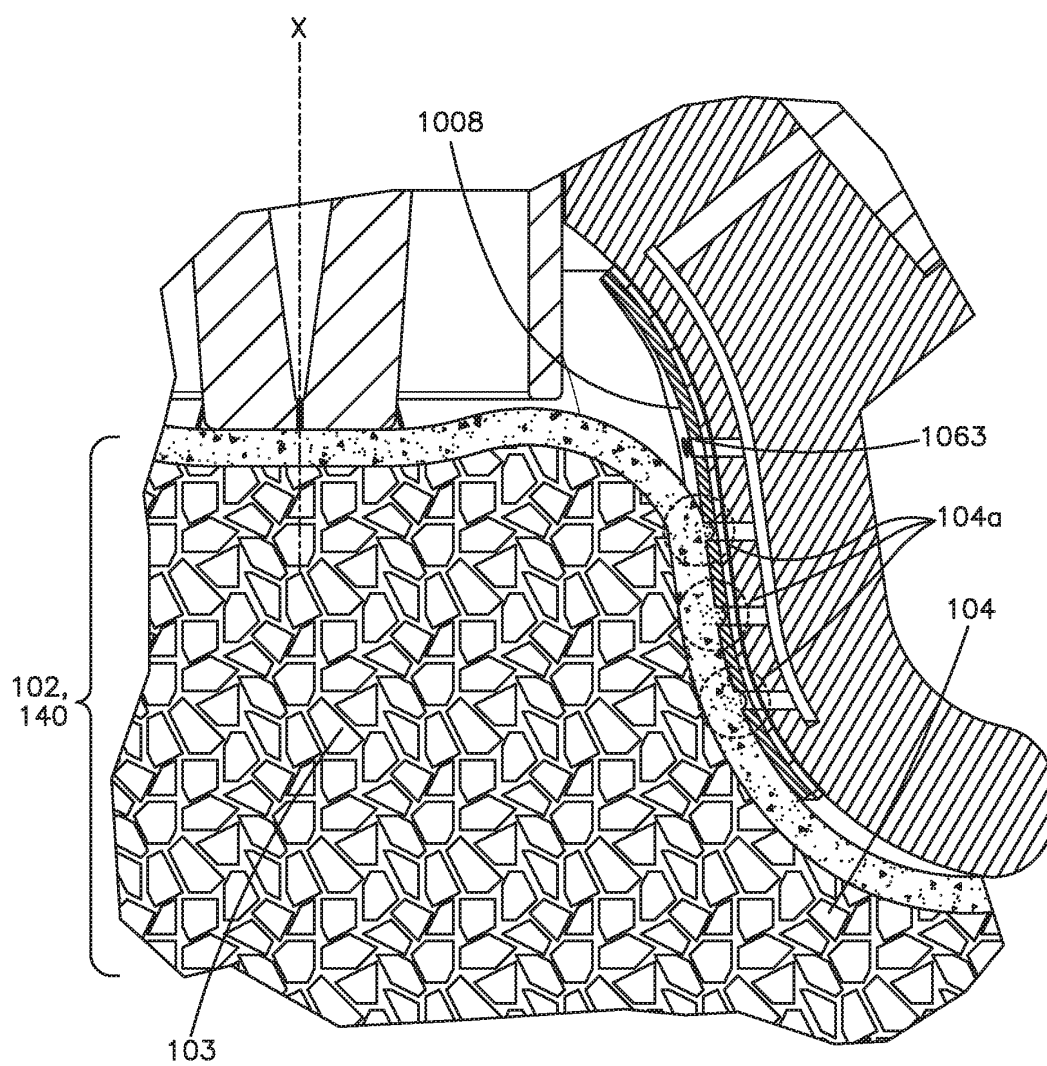


Fig.10D

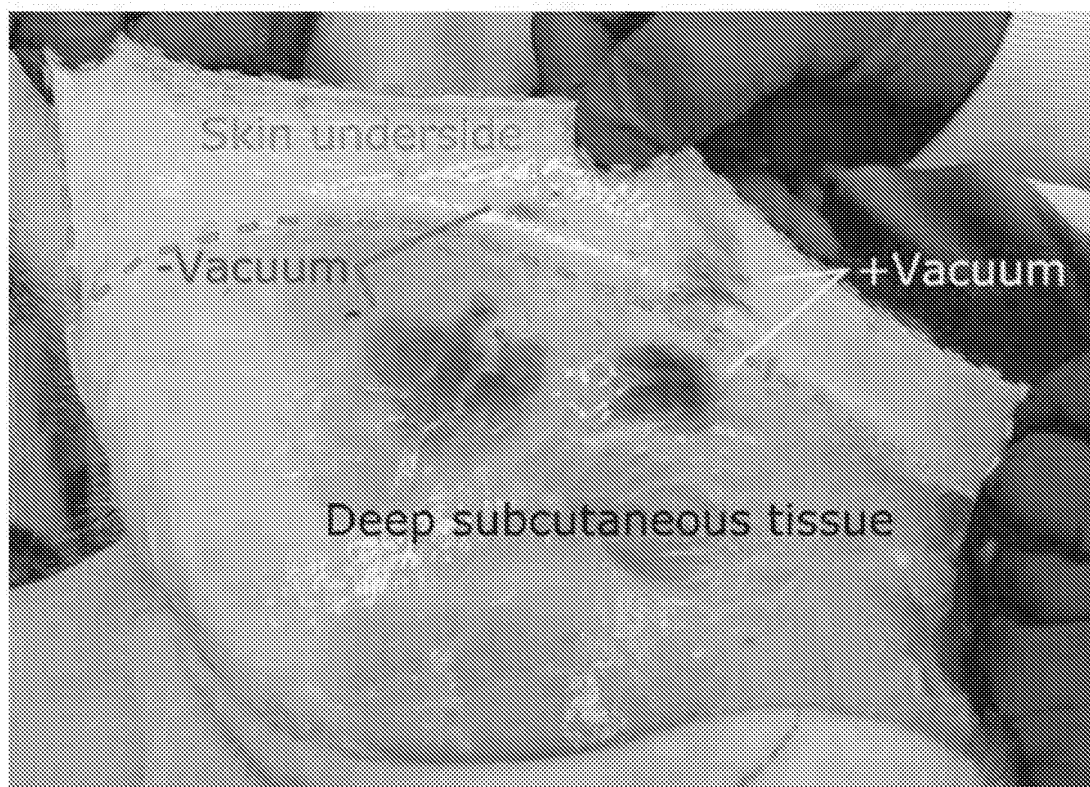


Fig.11A



Fig.11B



Fig.11C

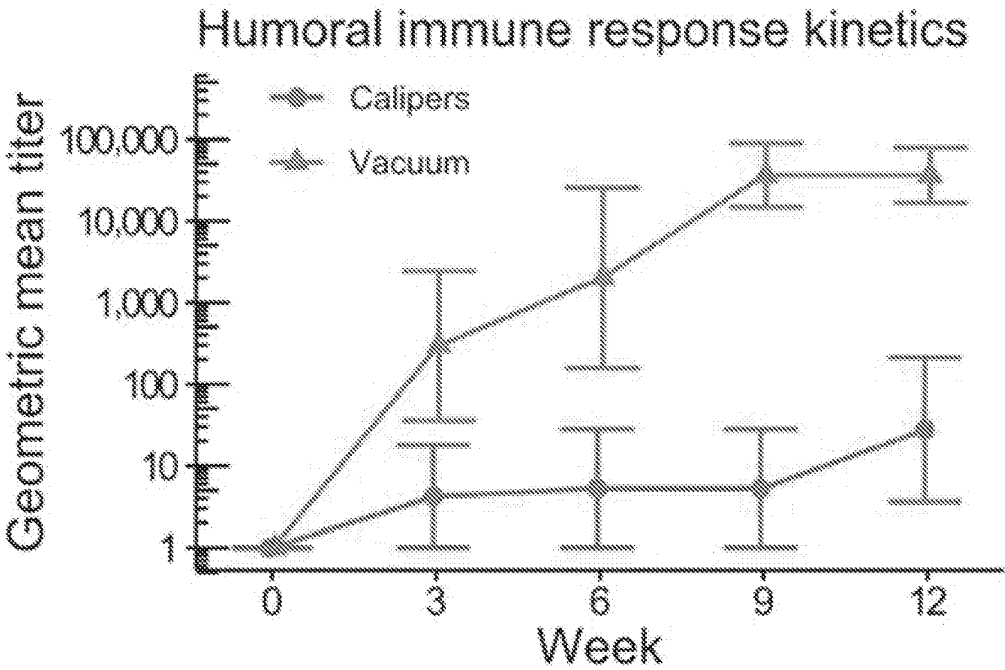


Fig.12

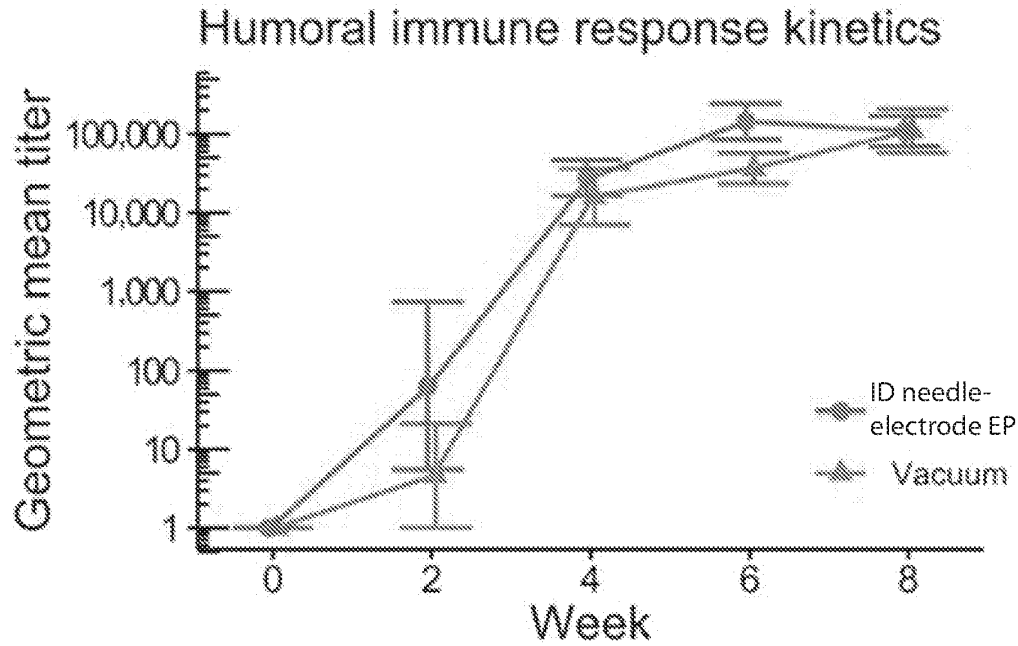


Fig.13

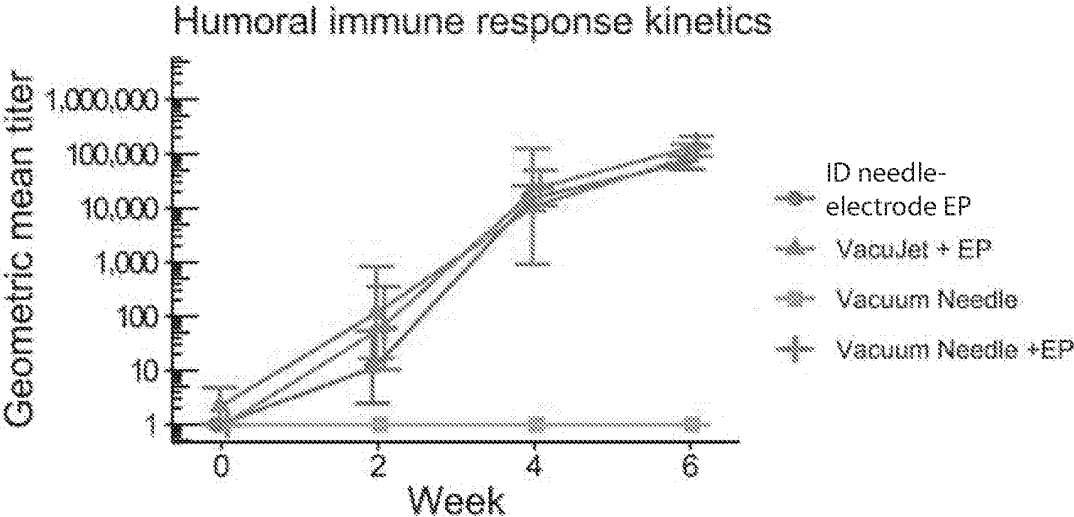


Fig.14A

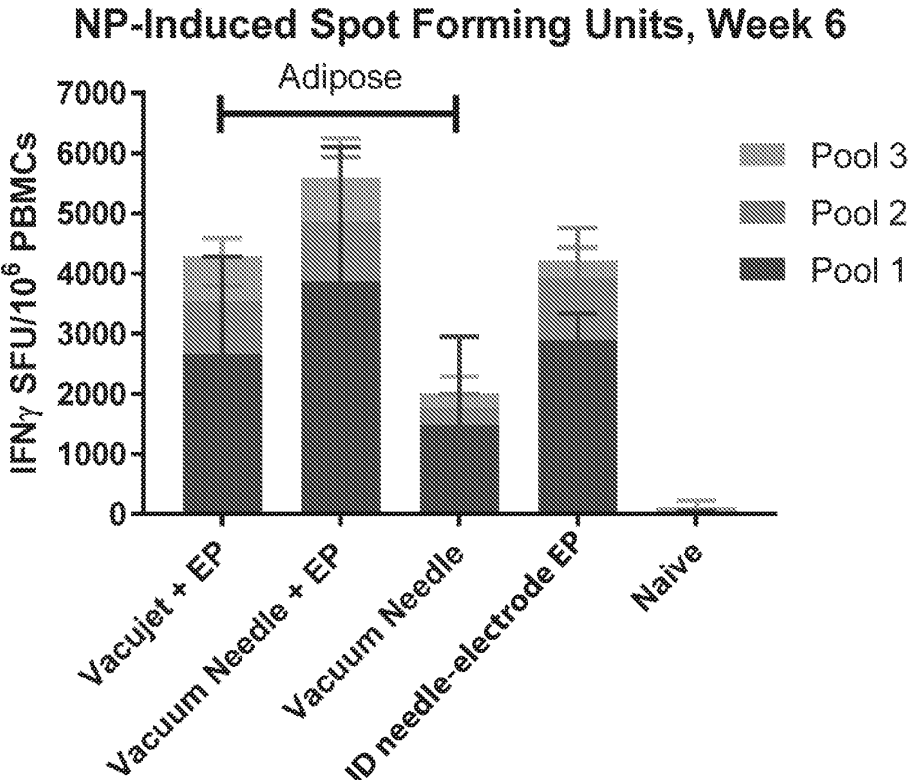
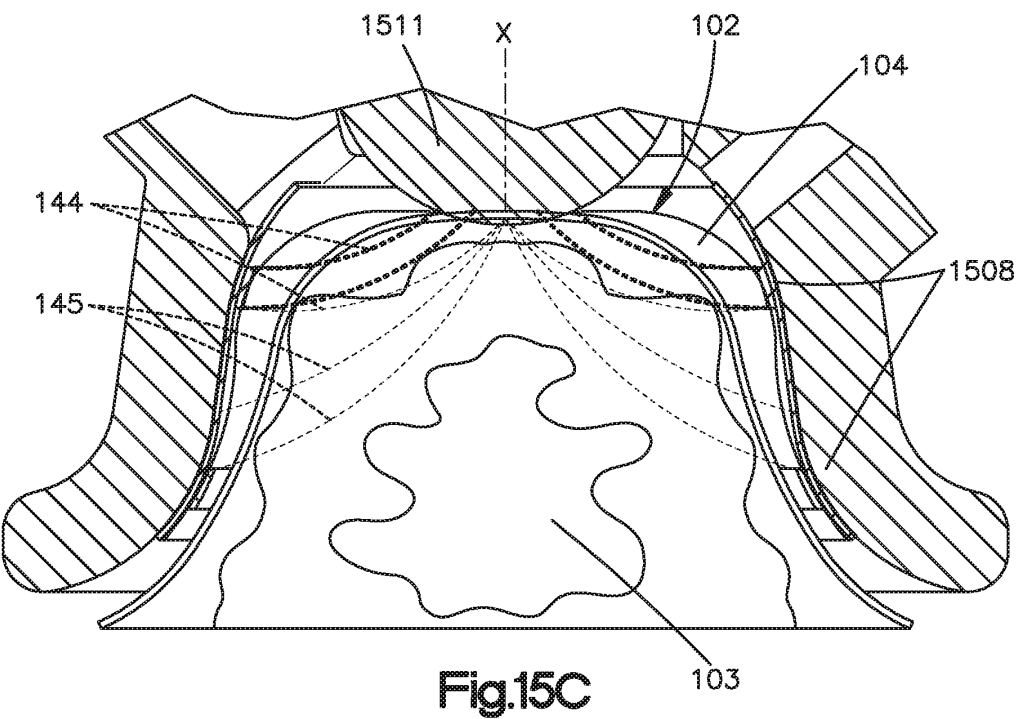
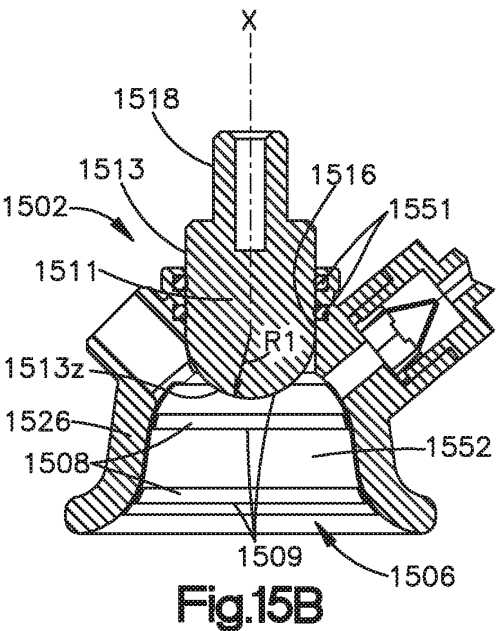
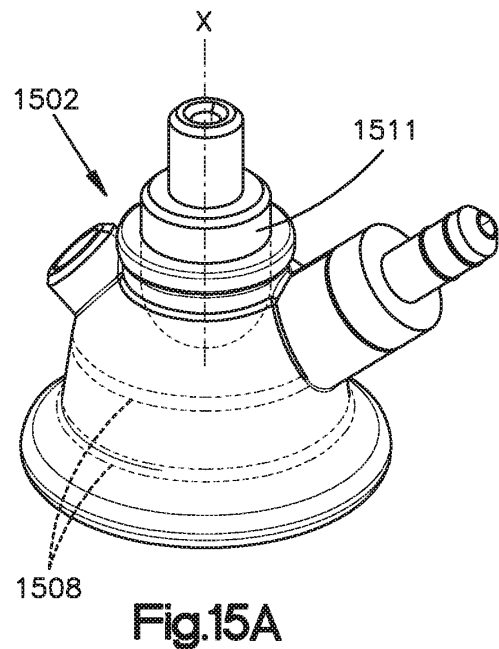


Fig.14B



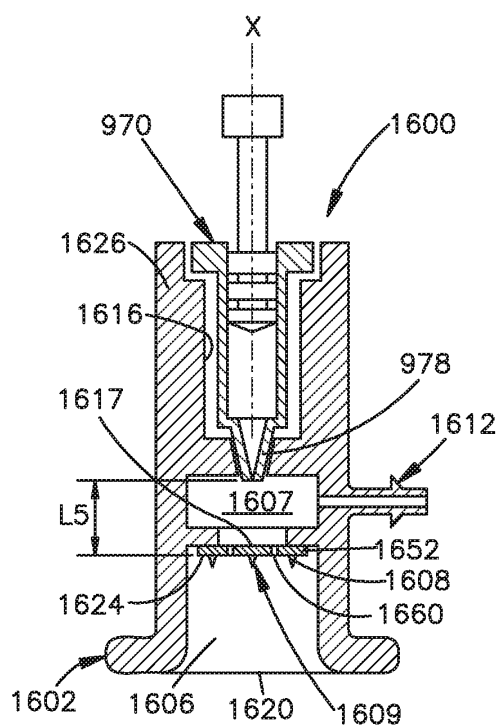


Fig.16A

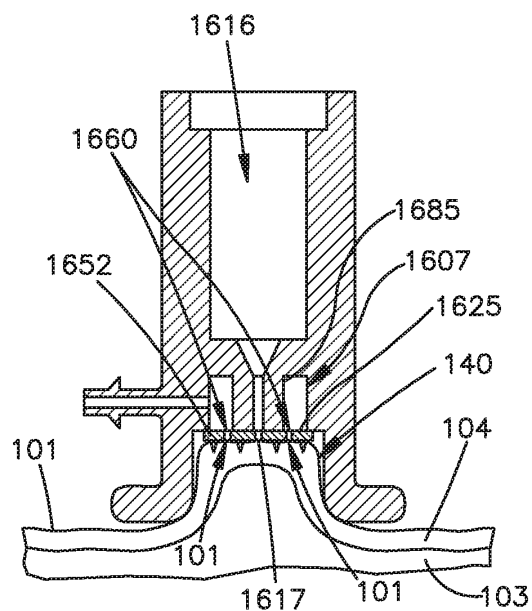


Fig.16B

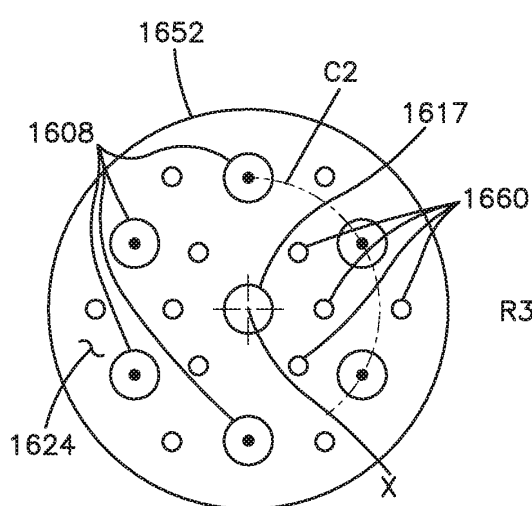


Fig.17A

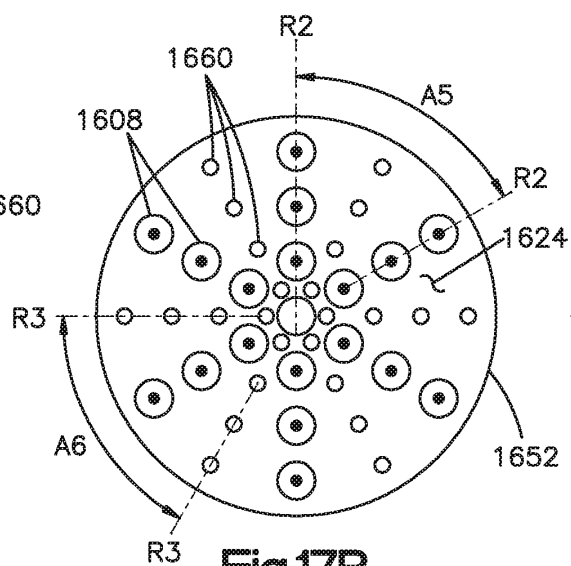
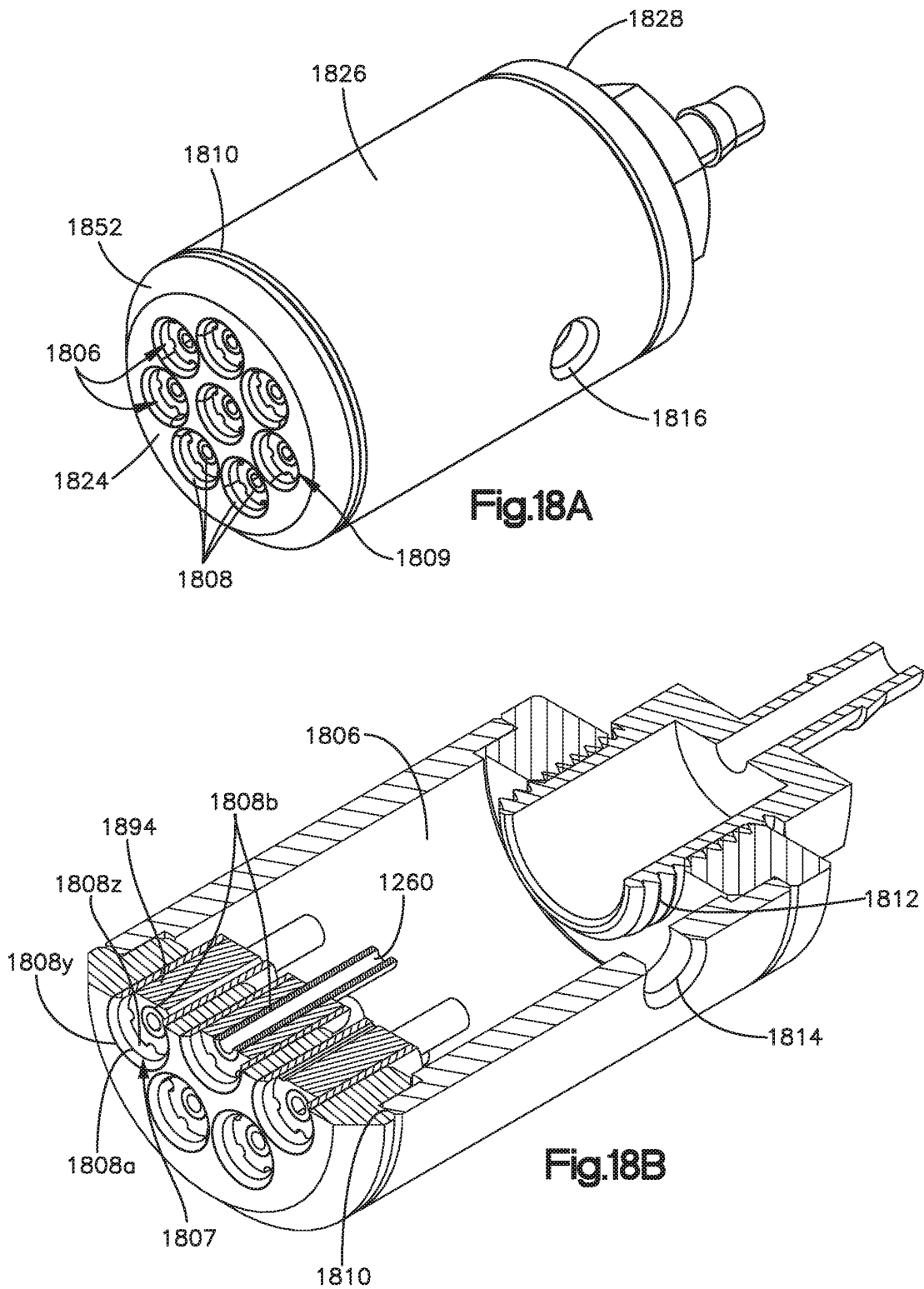
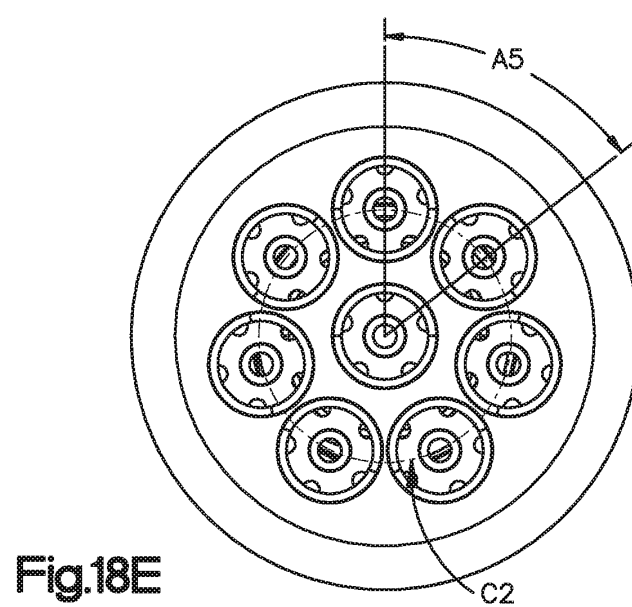
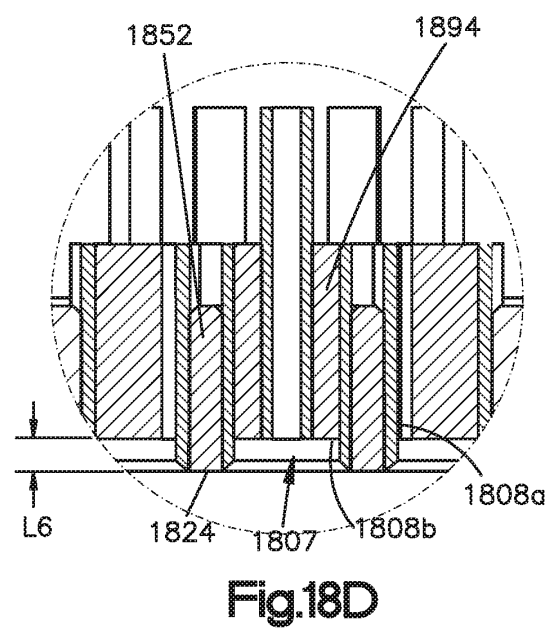
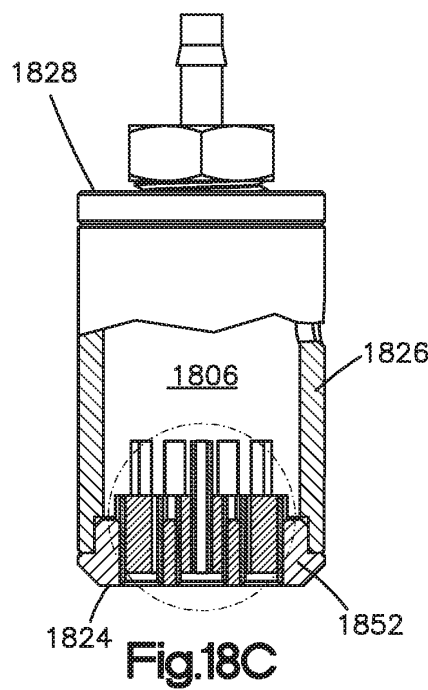
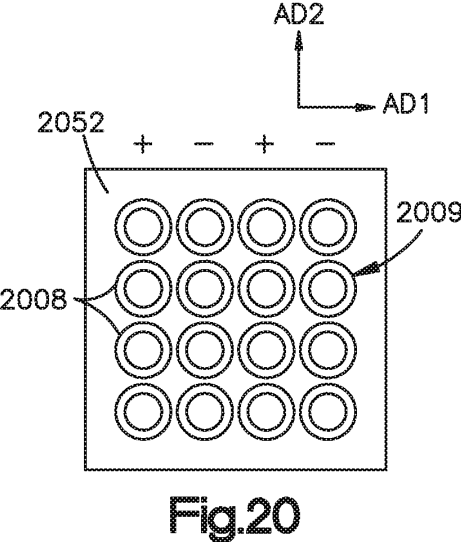
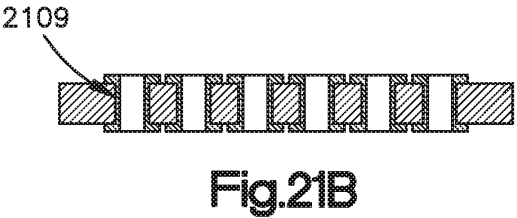
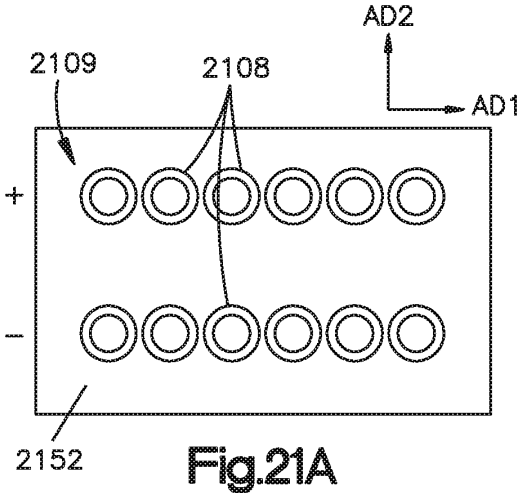
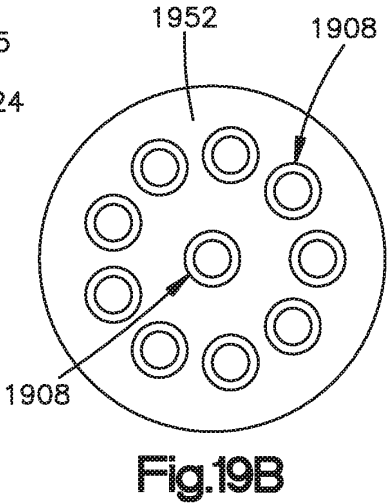
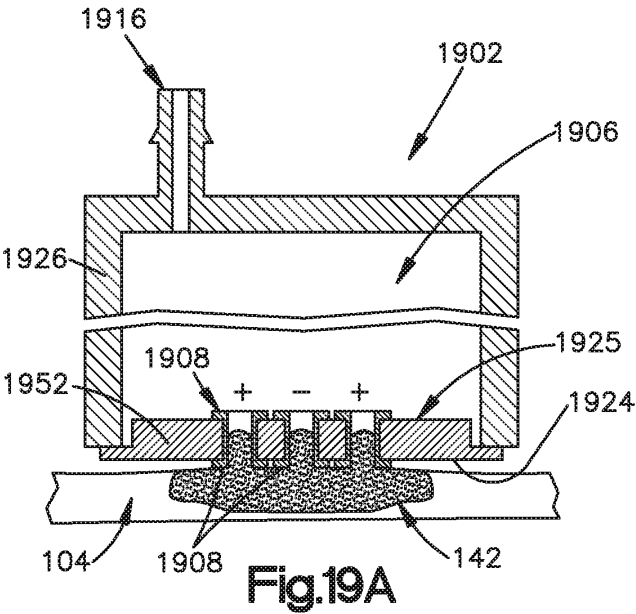


Fig.17B







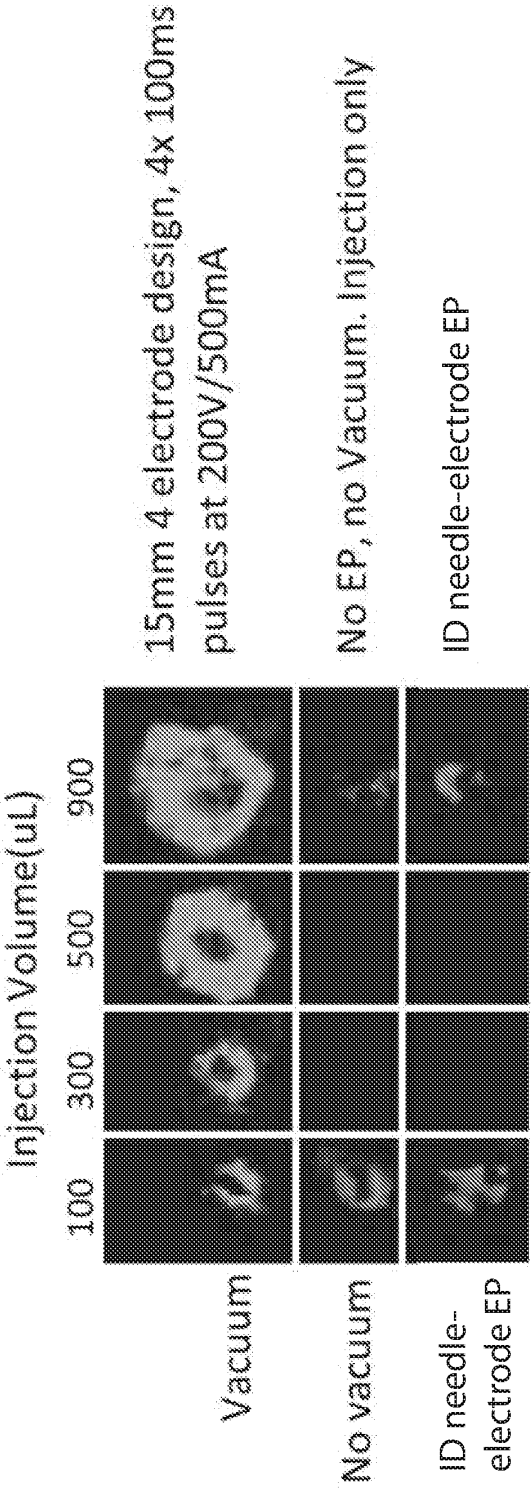


Fig.22

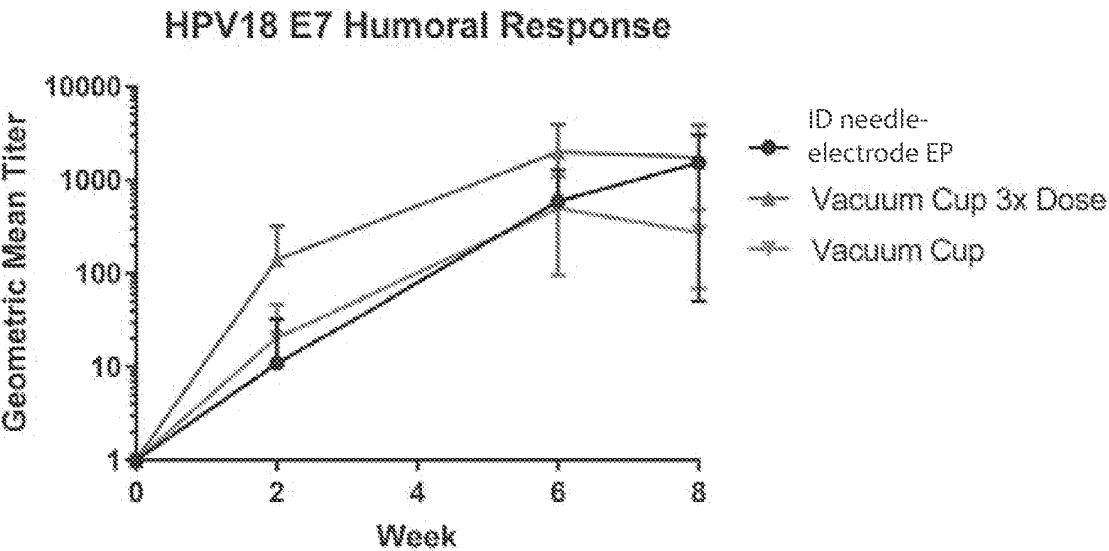


Fig.23

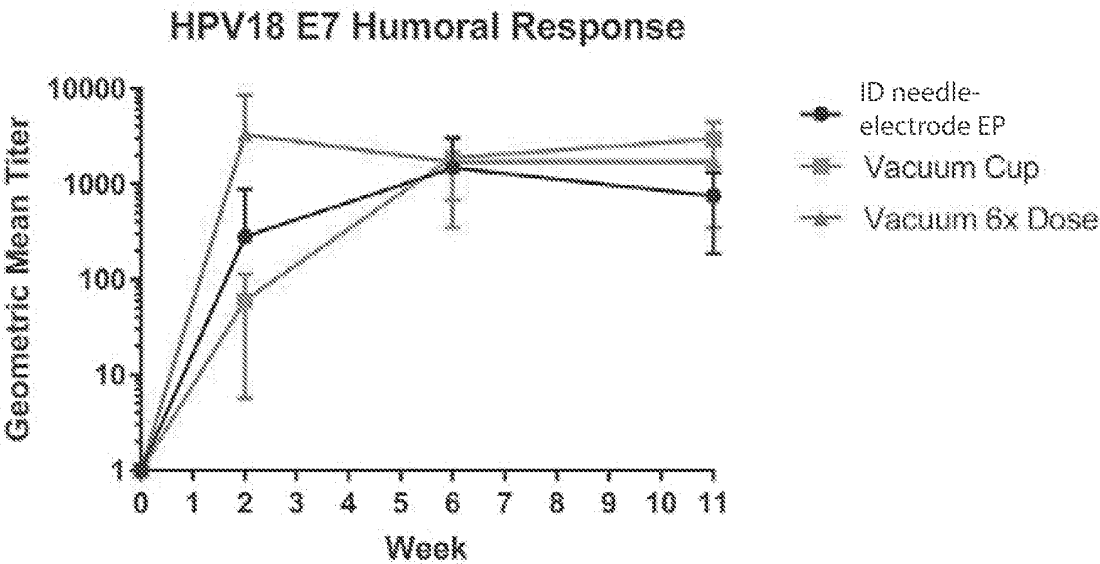


Fig.24A

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Fig.24B

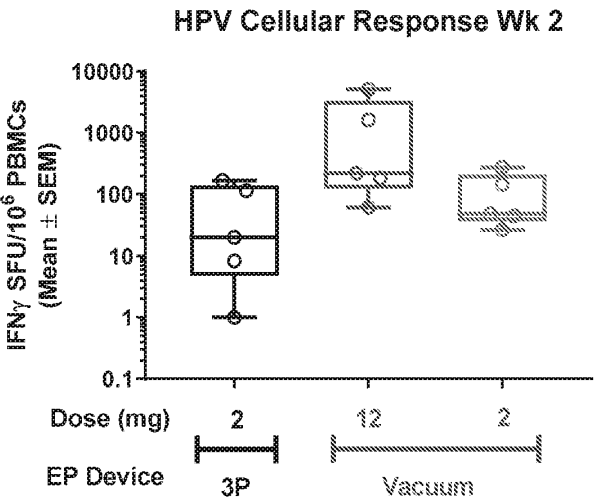


Fig.24C

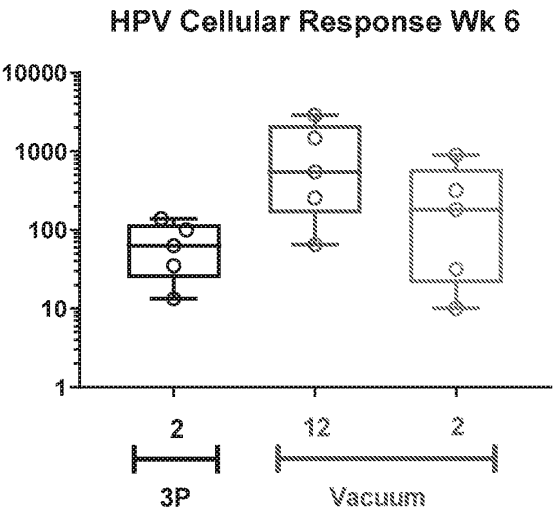
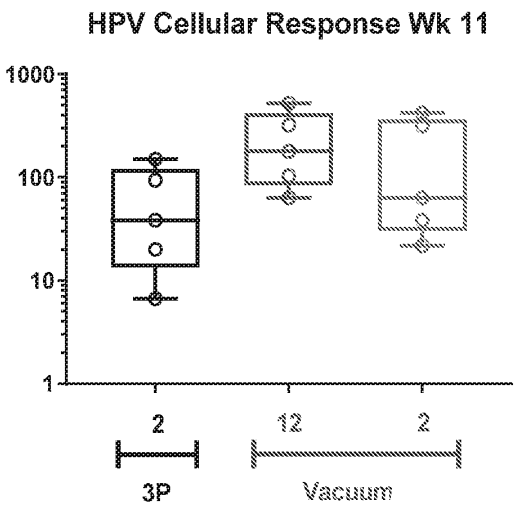


Fig.24D



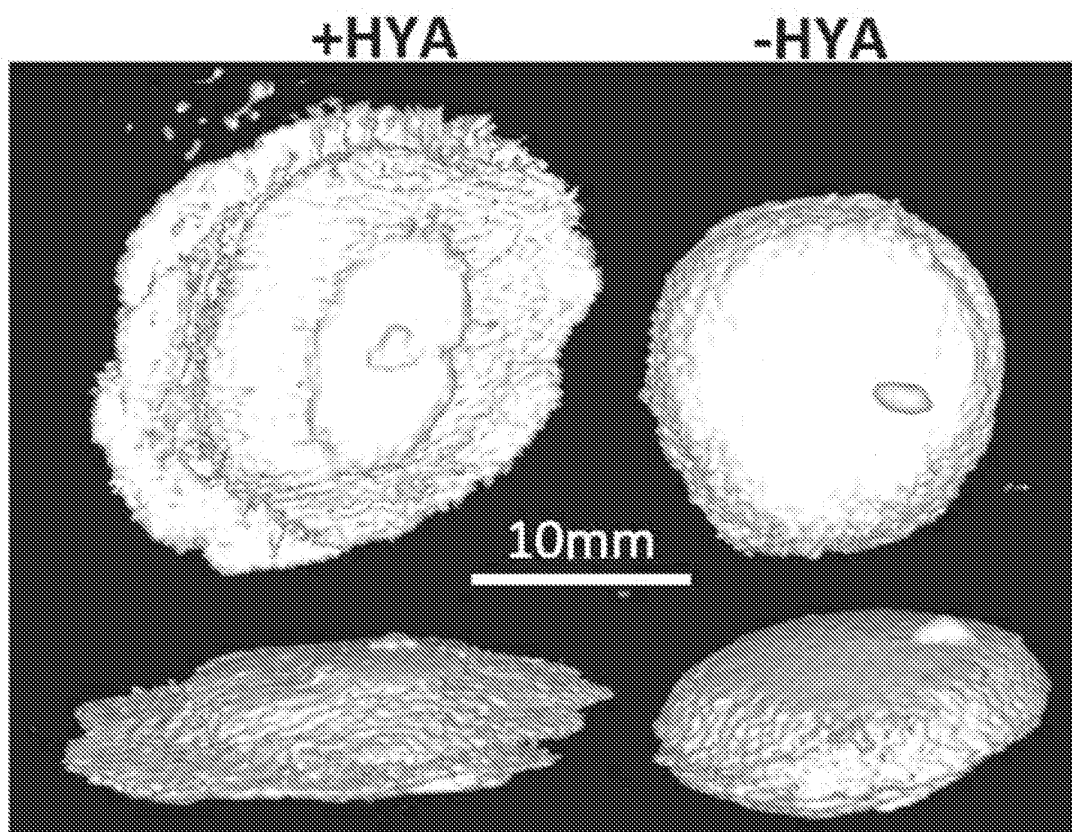


Fig.26 (PRIOR ART)

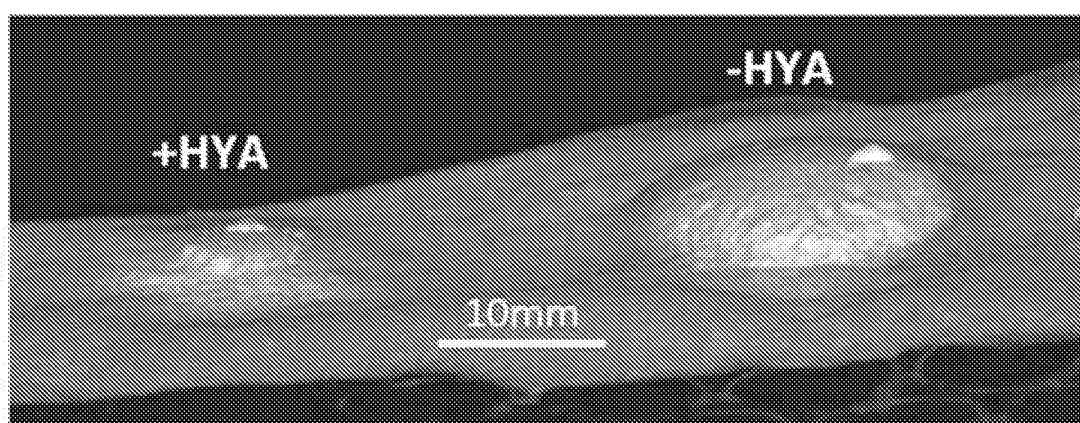


Fig.25 (PRIOR ART)

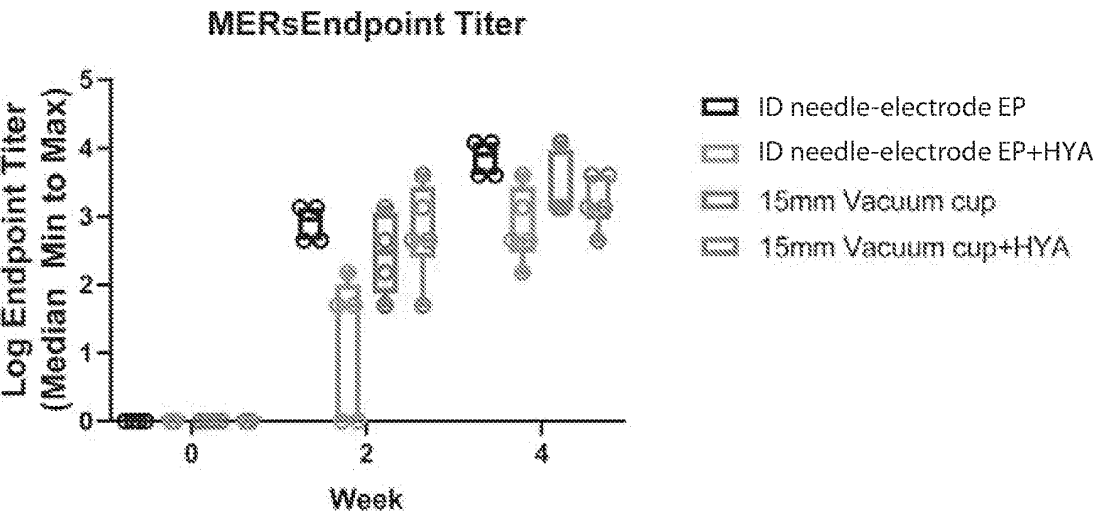


Fig.27

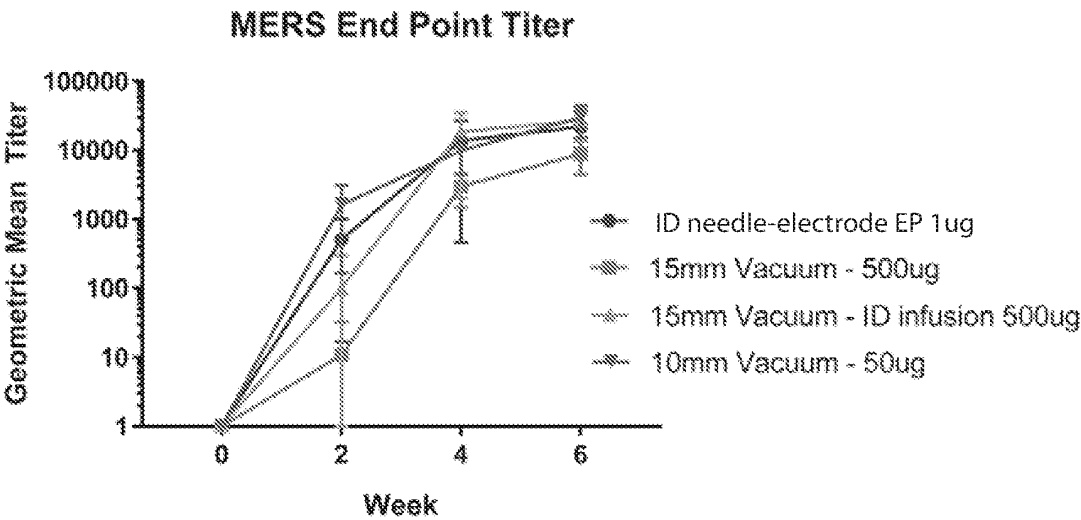


Fig.28

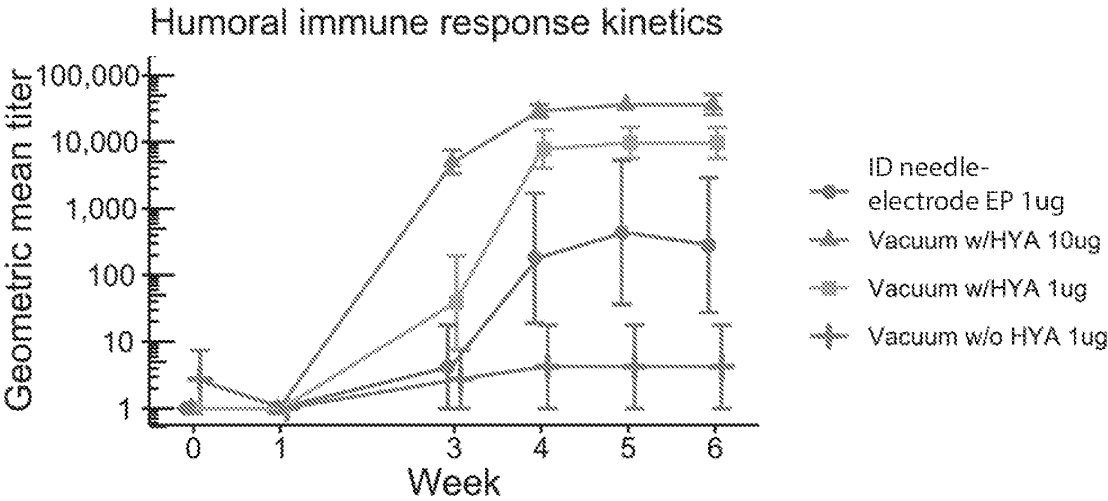


Fig.29A

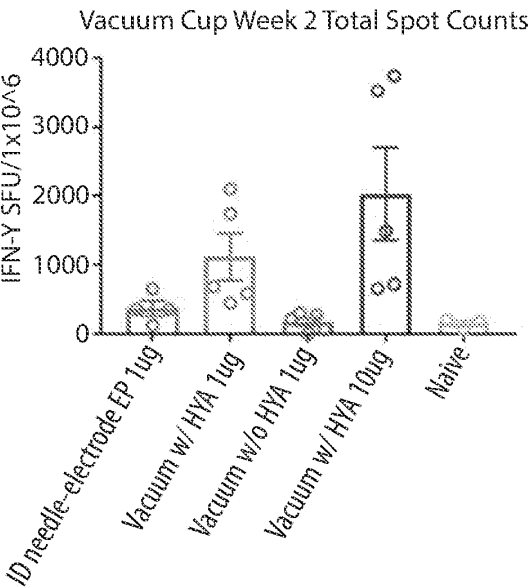


Fig.29B

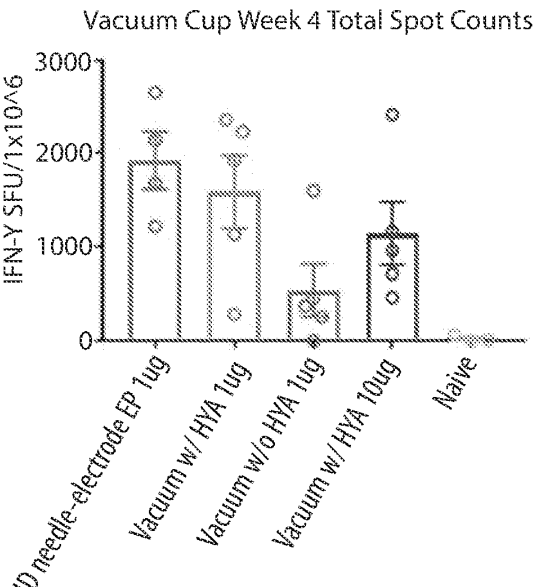


Fig.29C

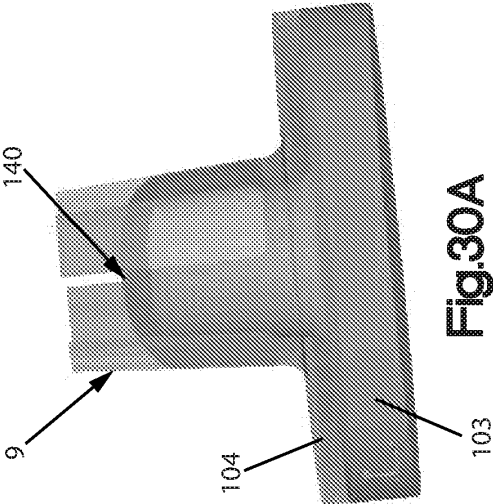
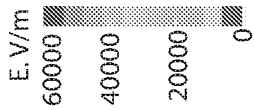


Fig.30A

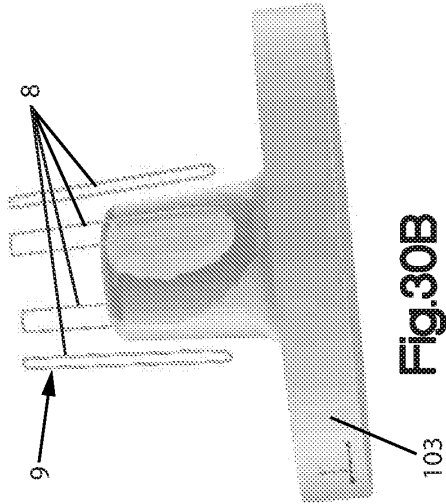


Fig.30B

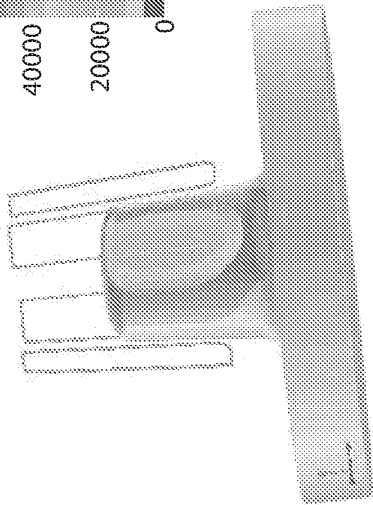


Fig.30C

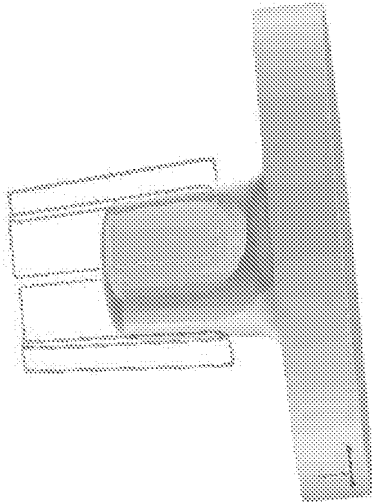


Fig.30D

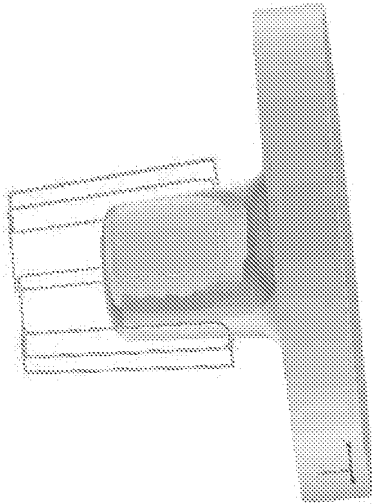


Fig.30E

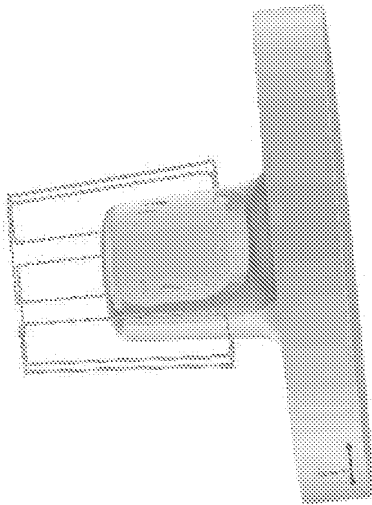
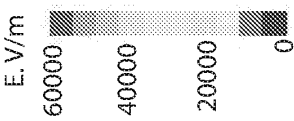


Fig.30F



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104

Fig.31A

8

104

Fig.31B

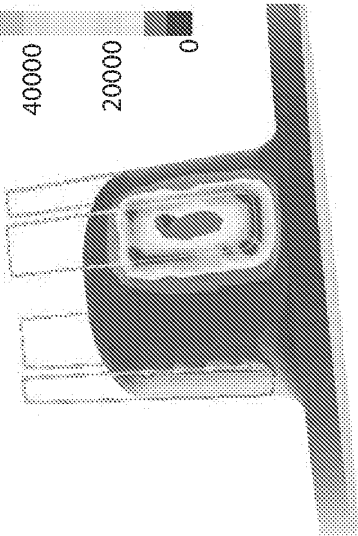


Fig.31C

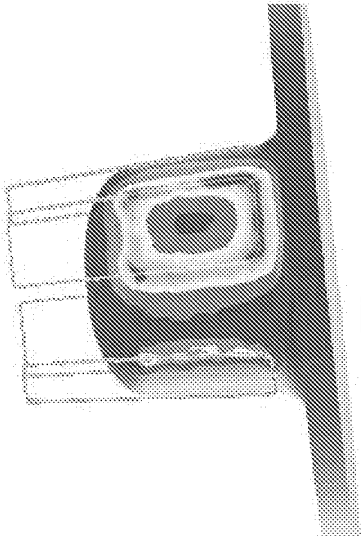


Fig.31D

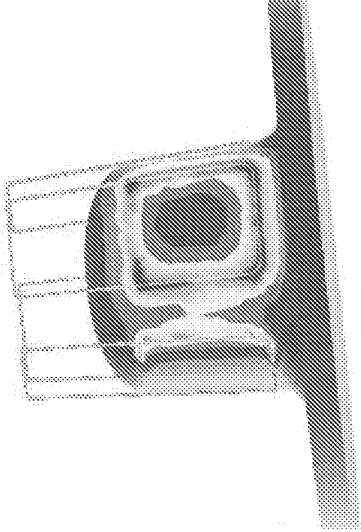


Fig.31E

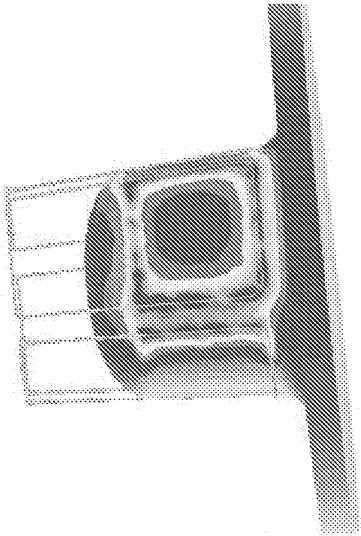


Fig.31F

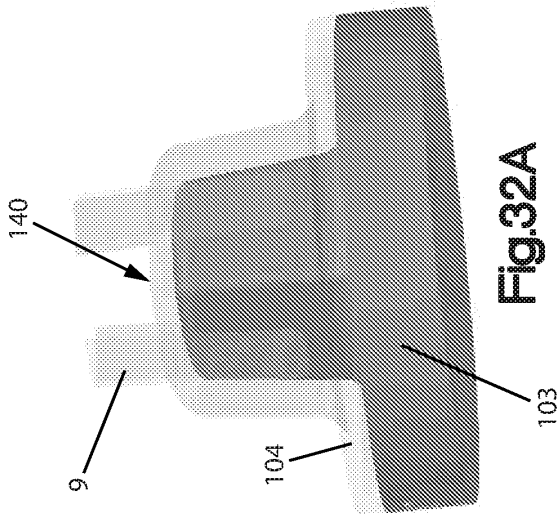
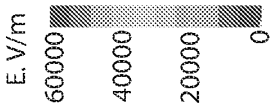


Fig.32C

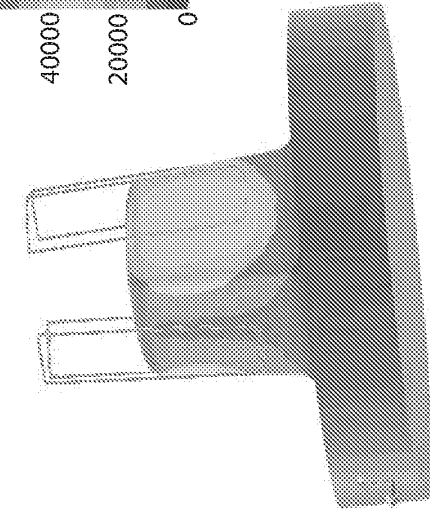


Fig.32B

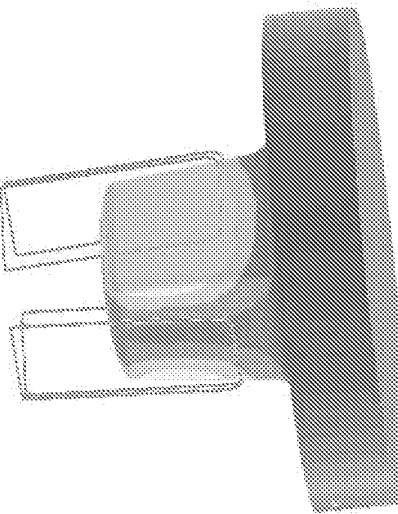
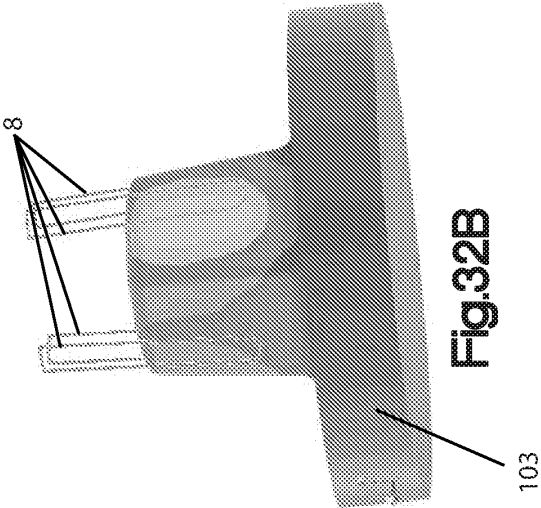


Fig.32D

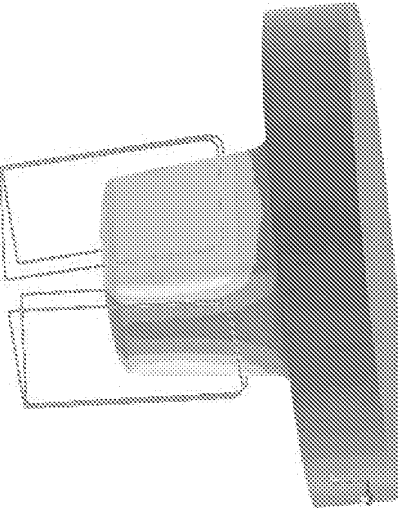


Fig.32E

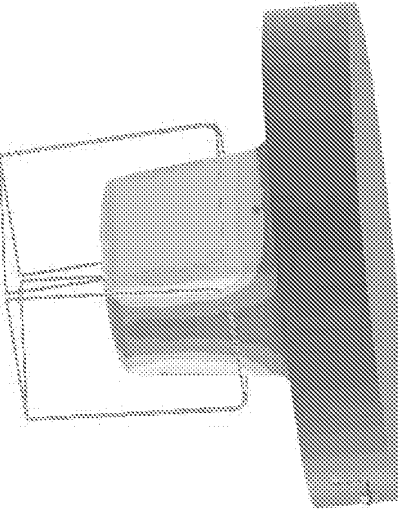
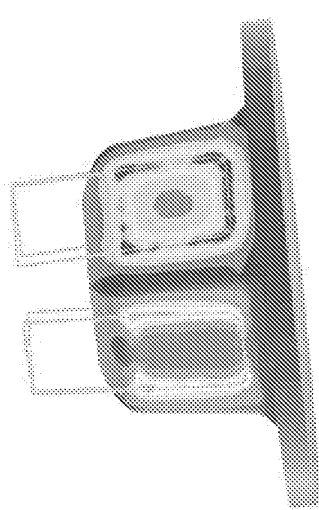
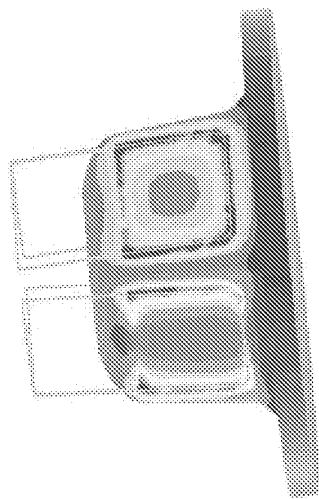
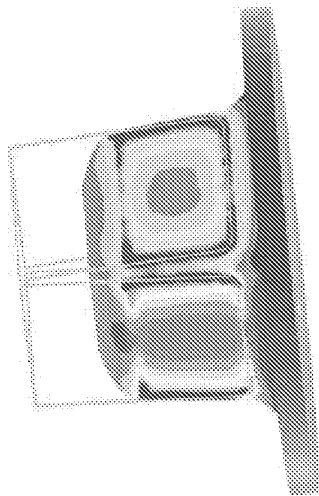
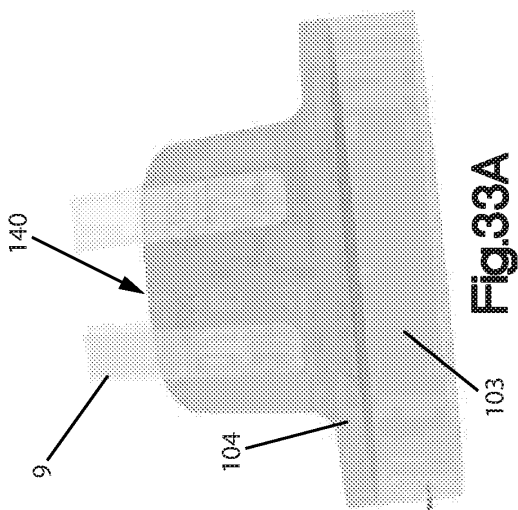
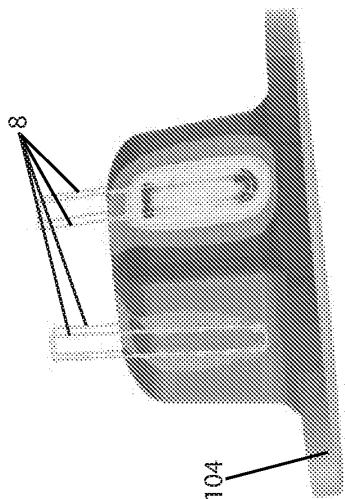
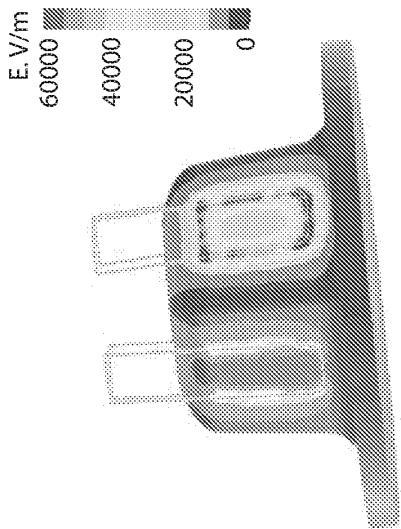


Fig.32F



Vacuum Only



Fig.34A

Vacuum + EP

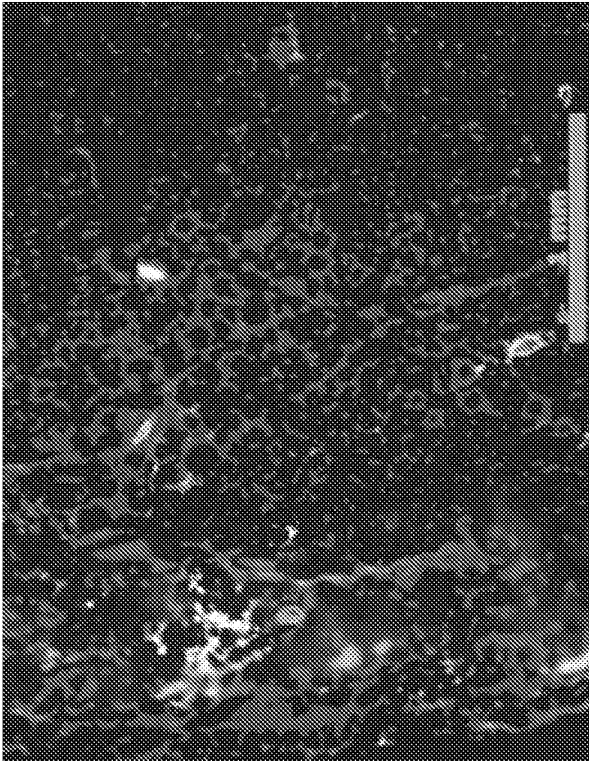


Fig.34B

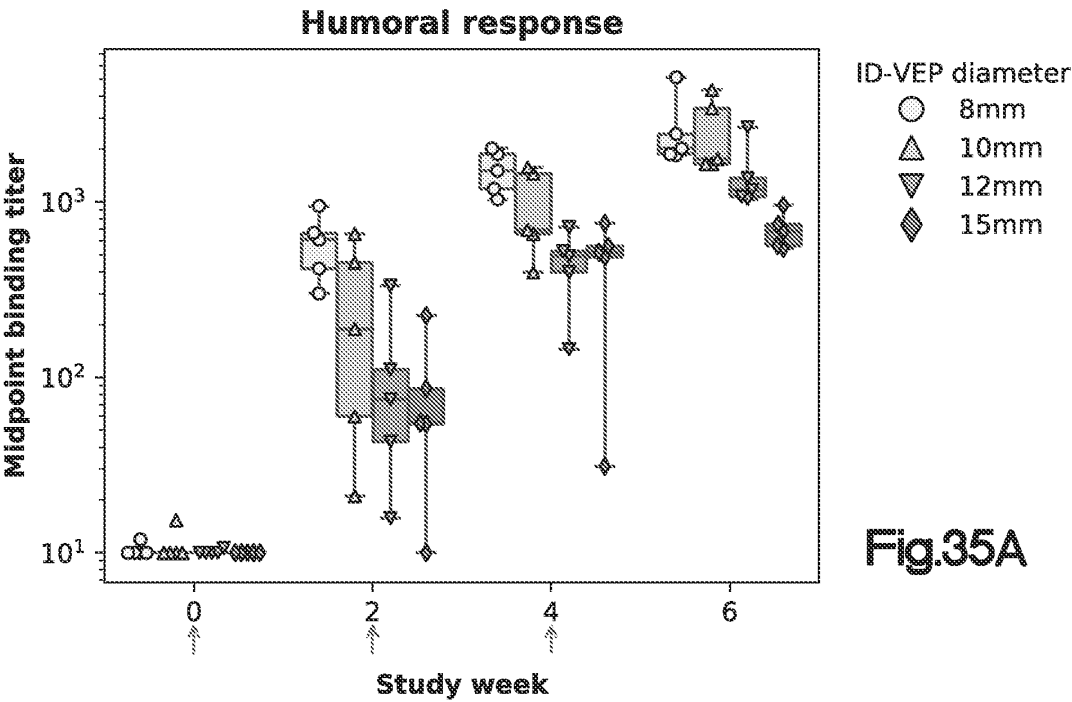


Fig.35A

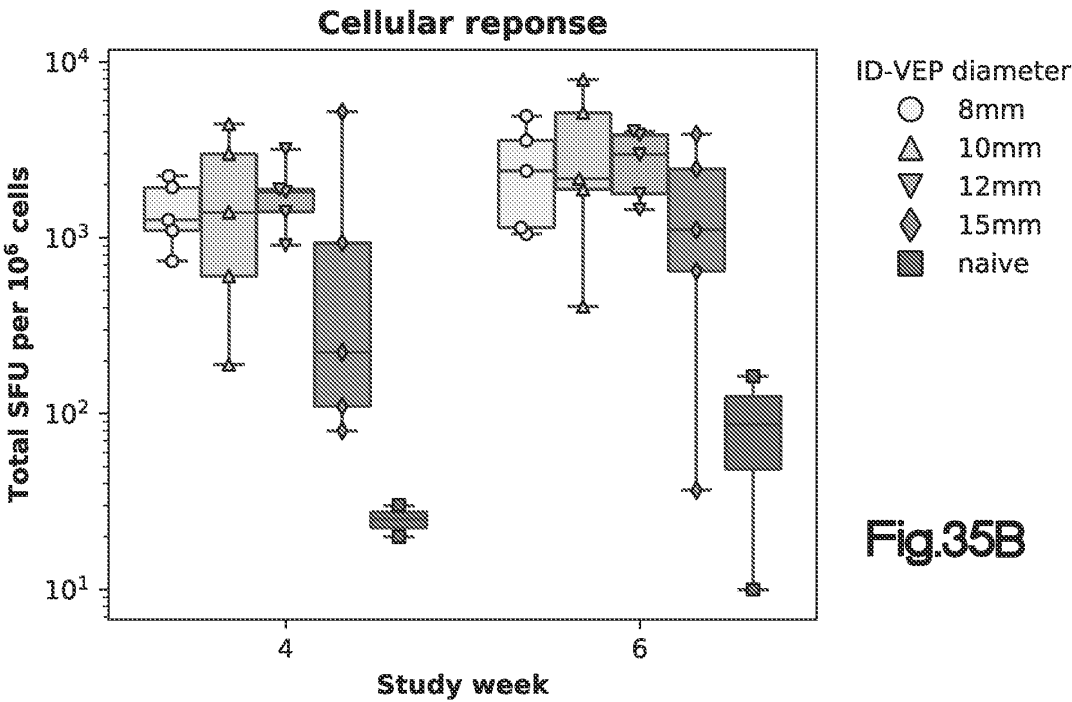


Fig.35B

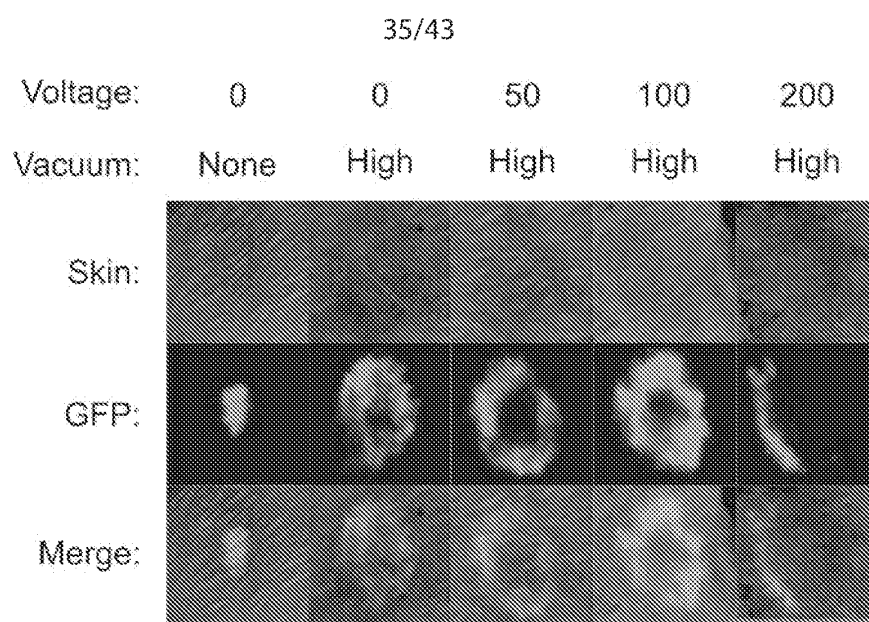


Fig.36A

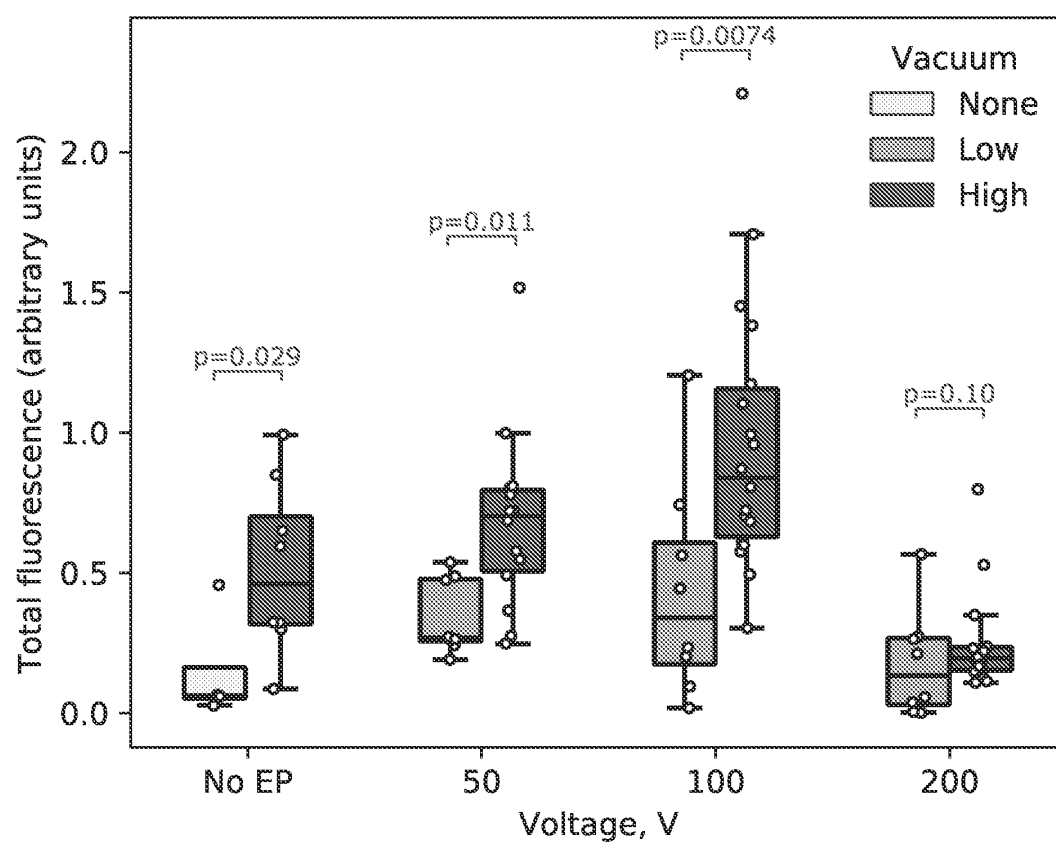


Fig.36B

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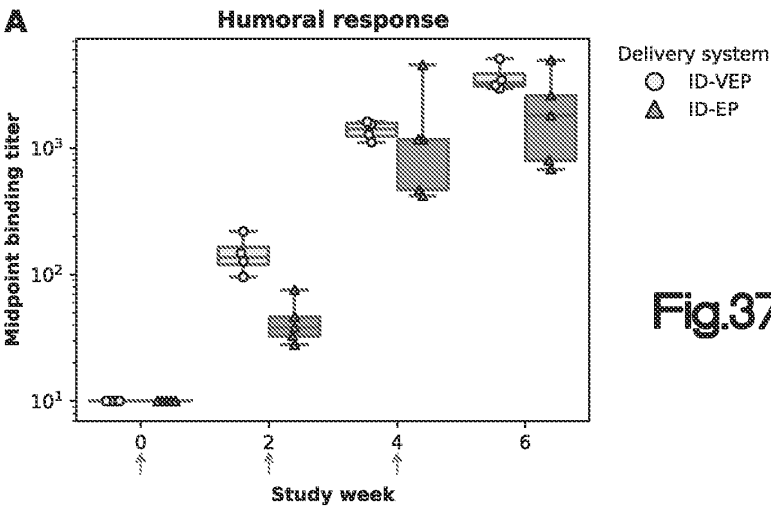


Fig.37A

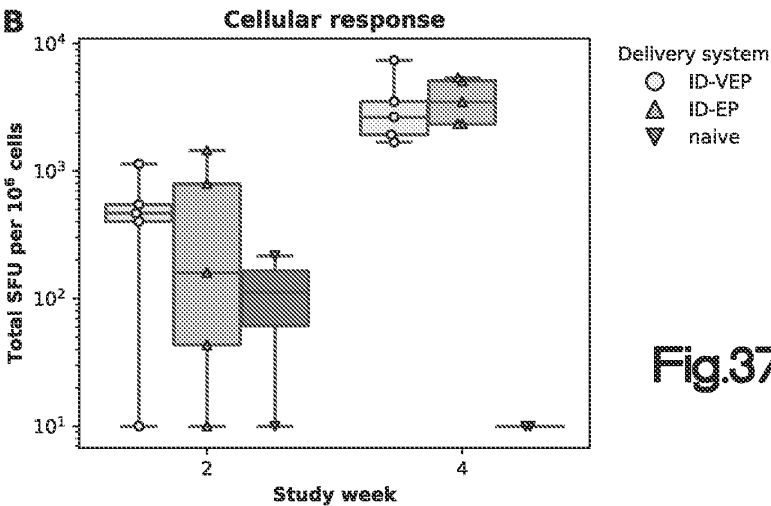


Fig.37B

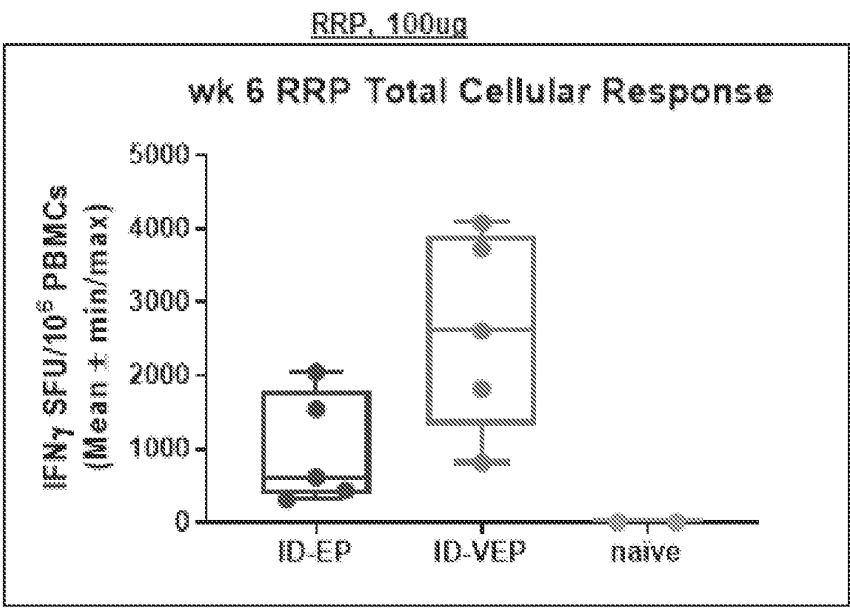


Fig.38

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MERS, 50ug

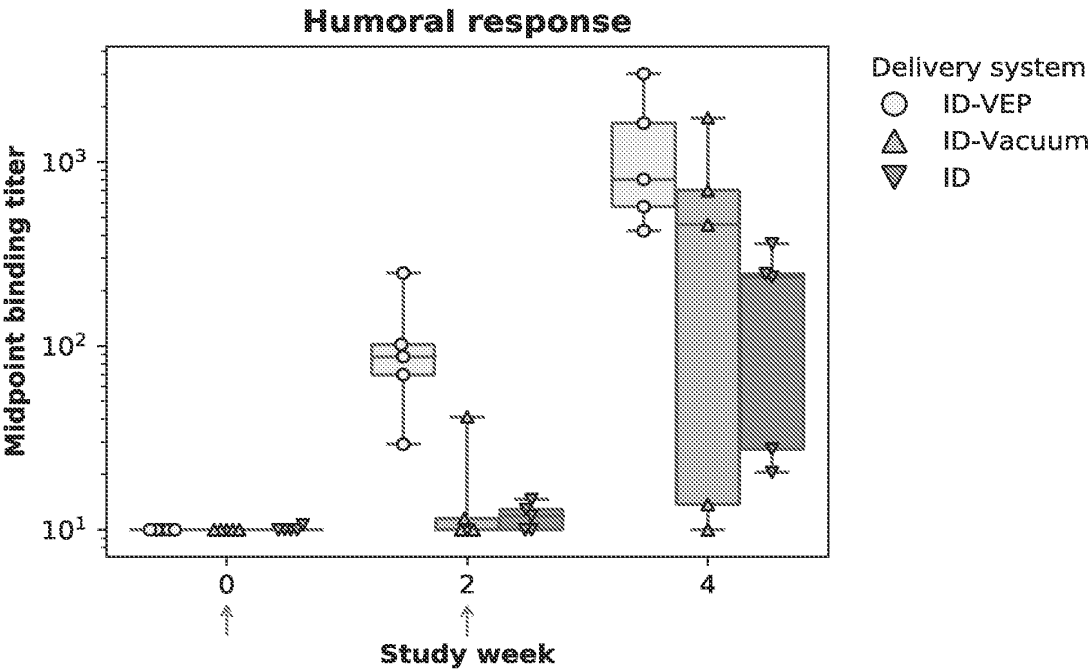


Fig.39A

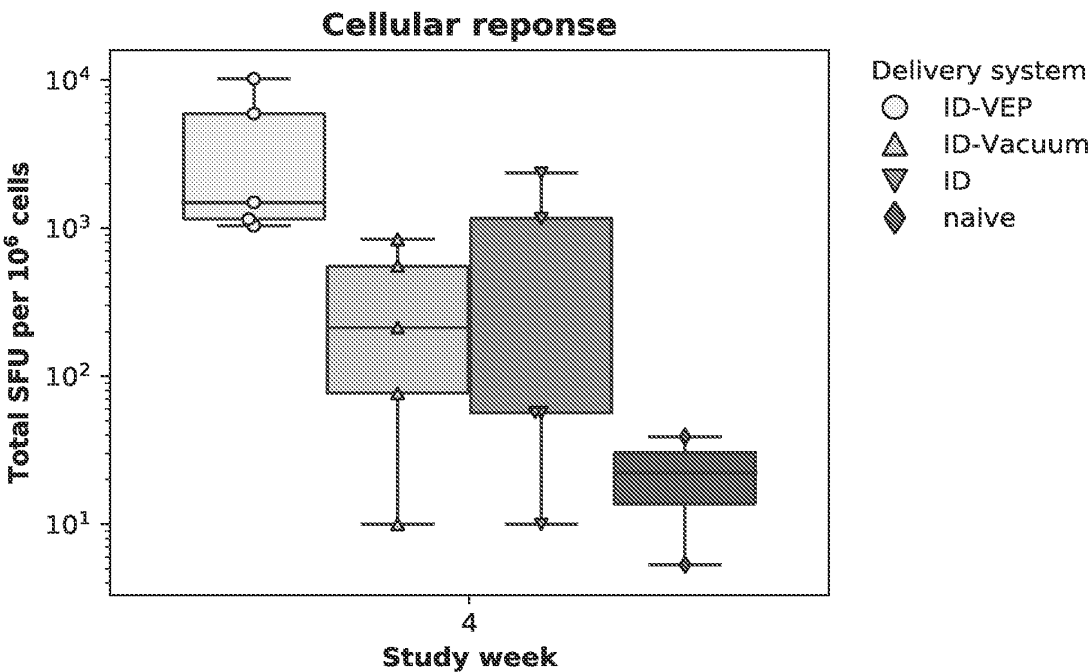


Fig.39B

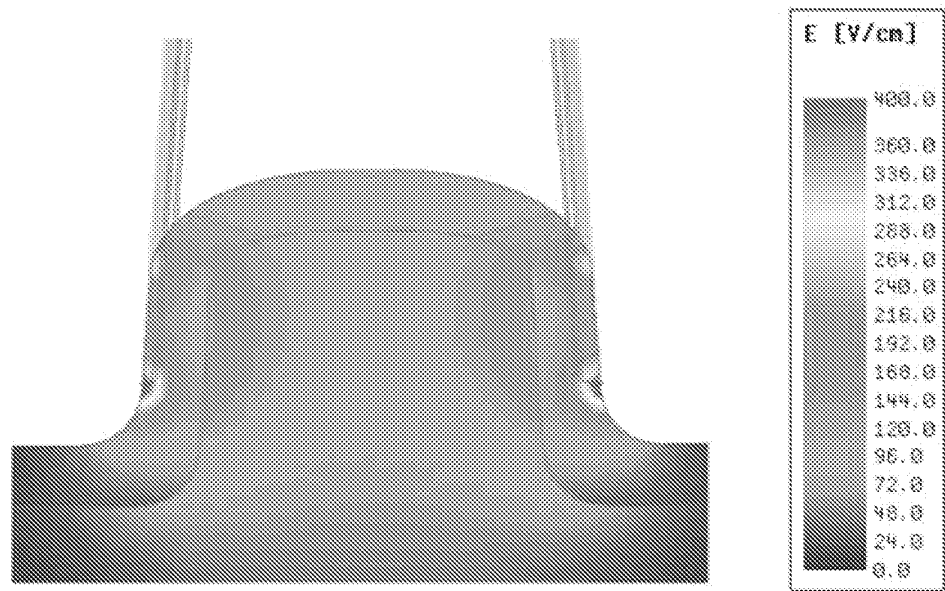


Fig.40A

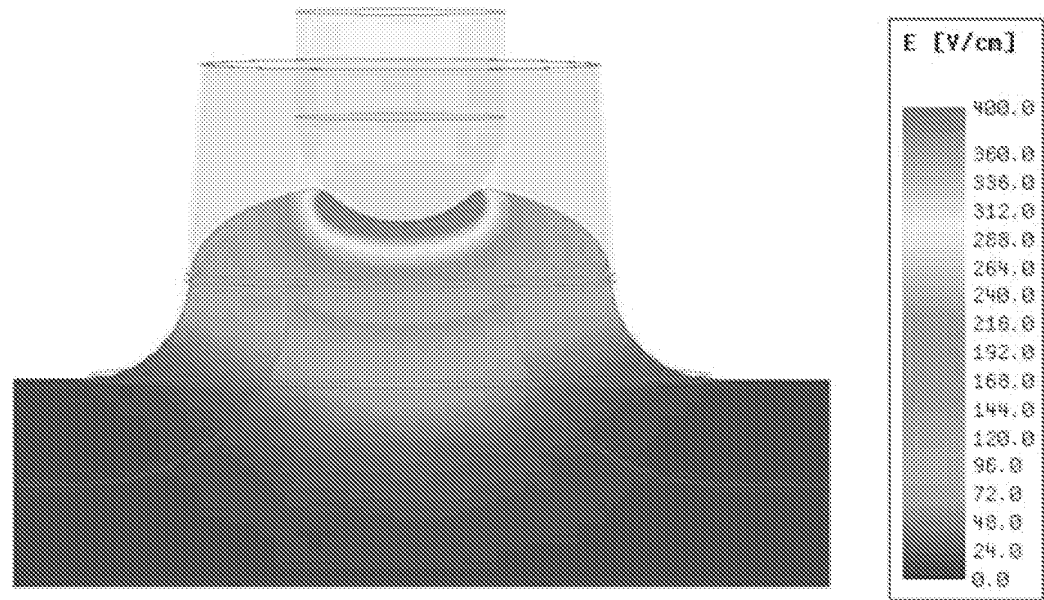


Fig.40B

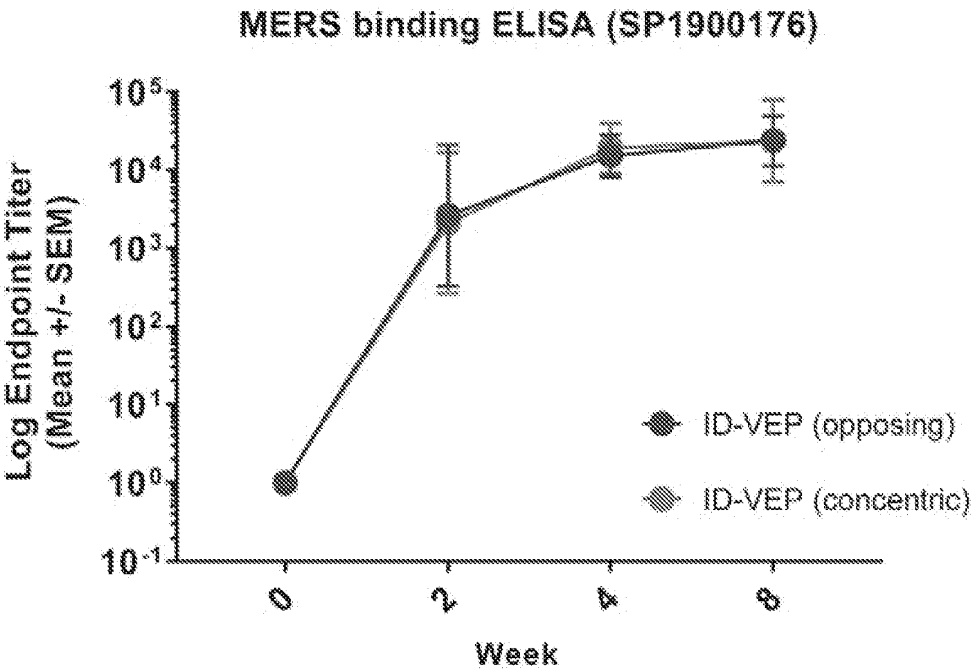


Fig.41A

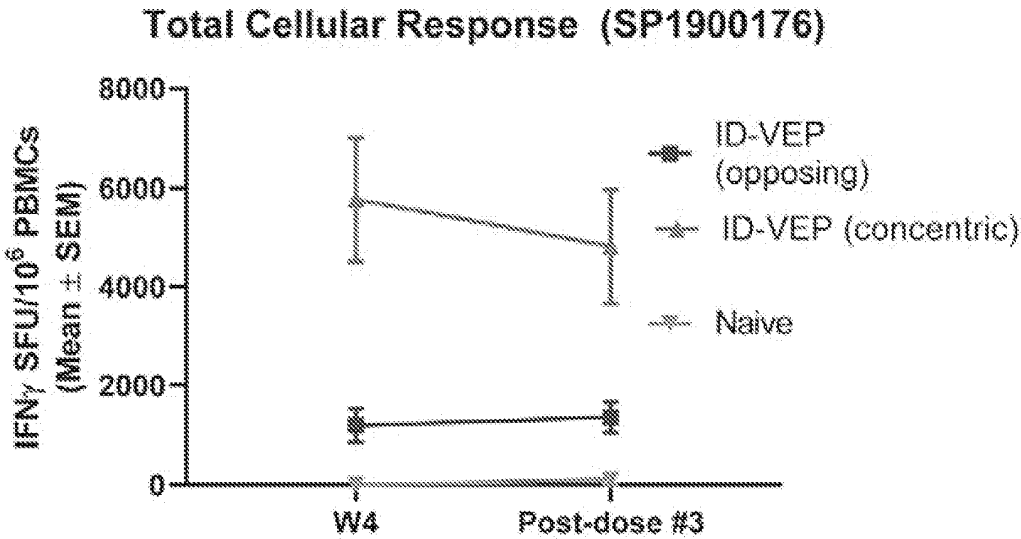


Fig.41B

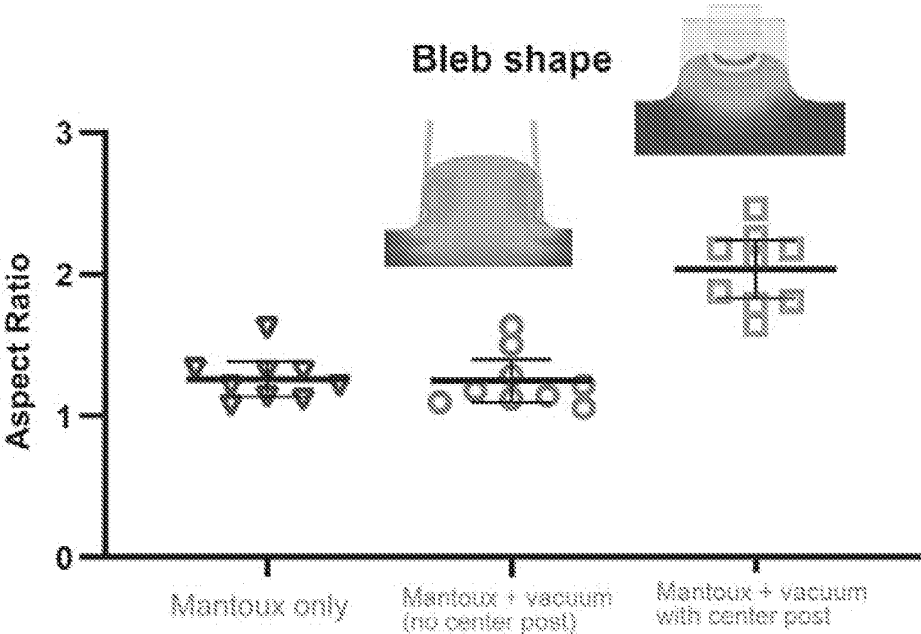


Fig.42A

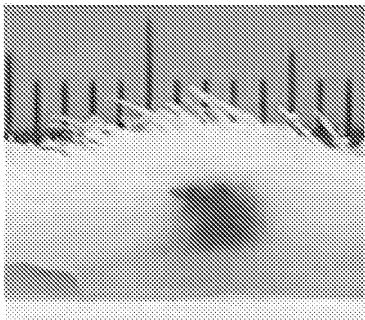


Fig.42B

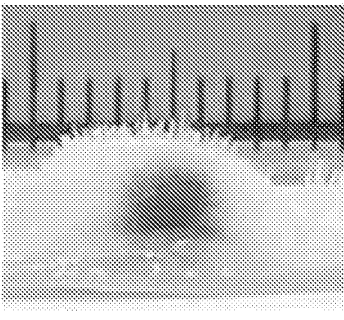


Fig.42C

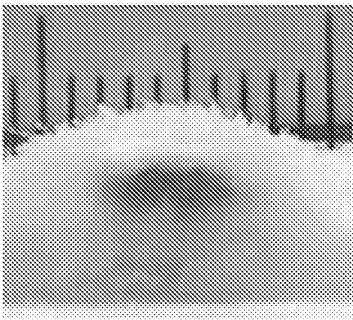


Fig.42D

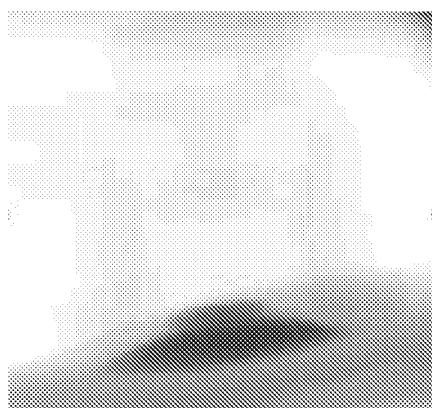


Fig.43A

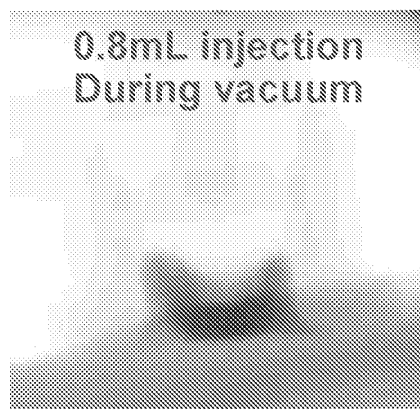


Fig.43B

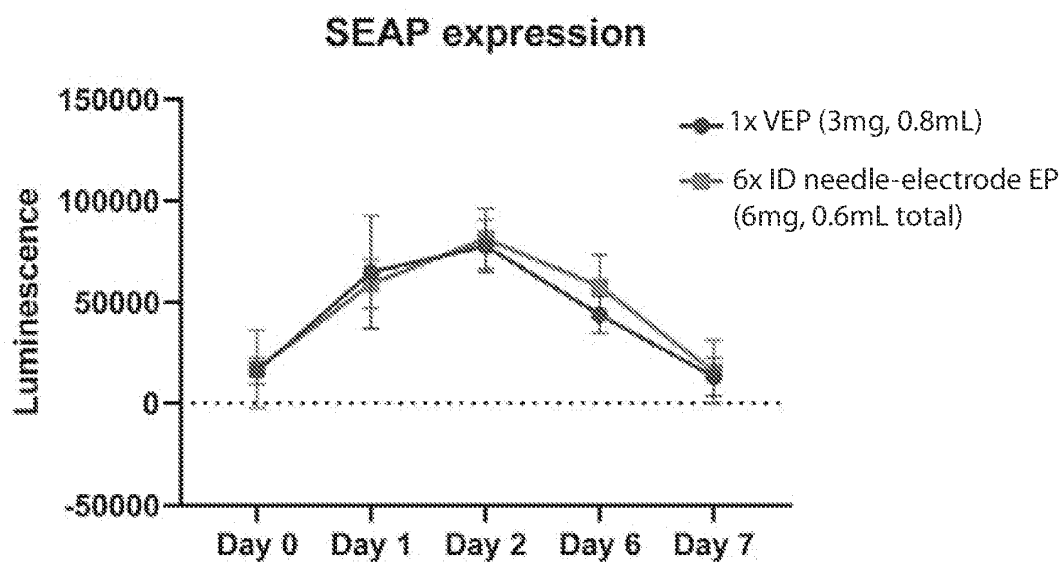


Fig.43C

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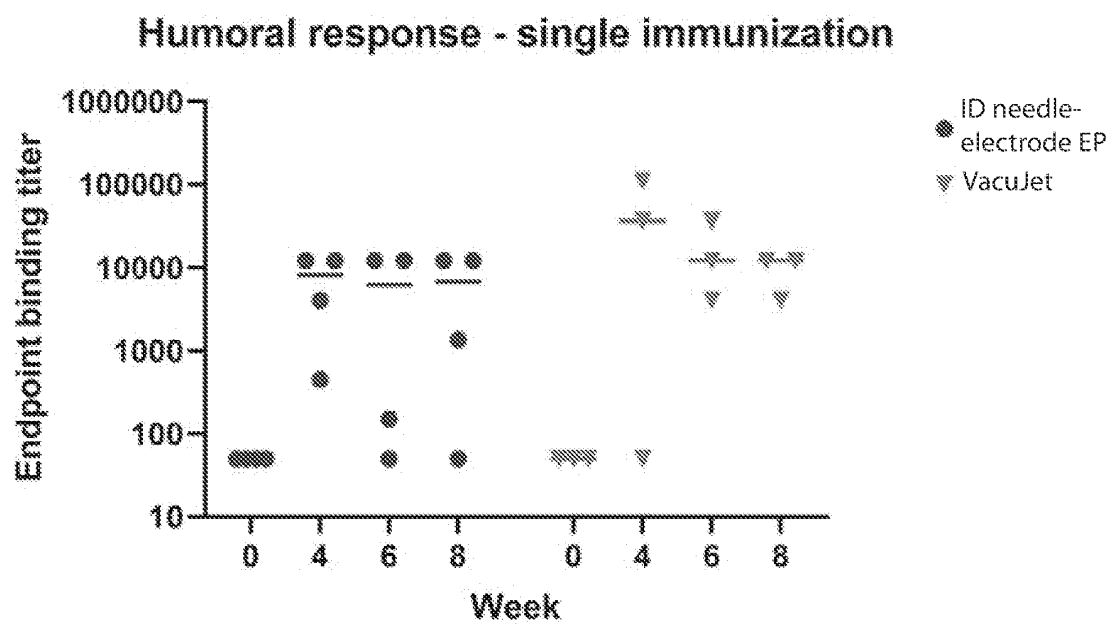


Fig.44

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PRE

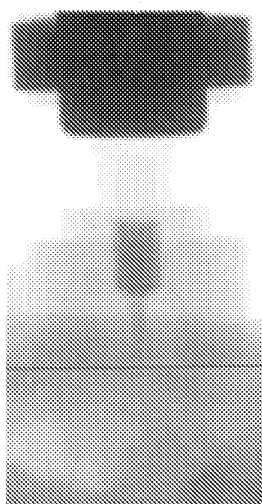


Fig.45A

DURING

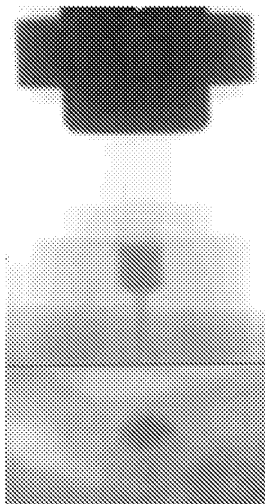


Fig.45B

POST

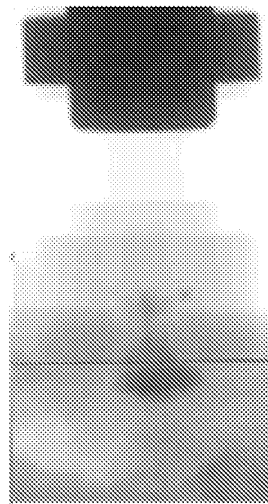


Fig.45C

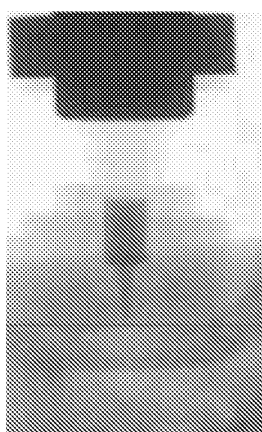


Fig.46A

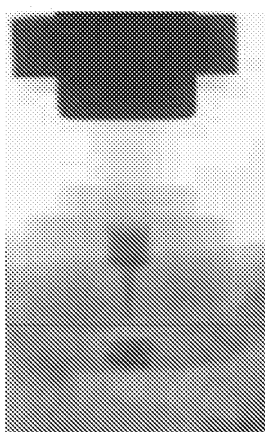


Fig.46B



Fig.46C

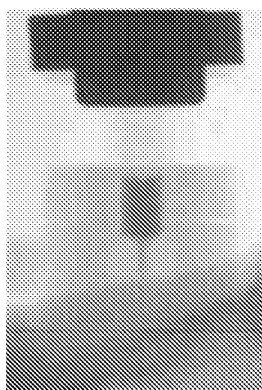


Fig.47A

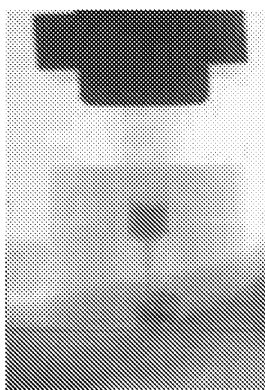


Fig.47B

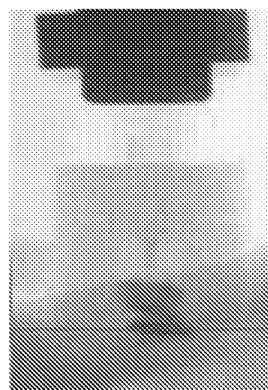


Fig.47C