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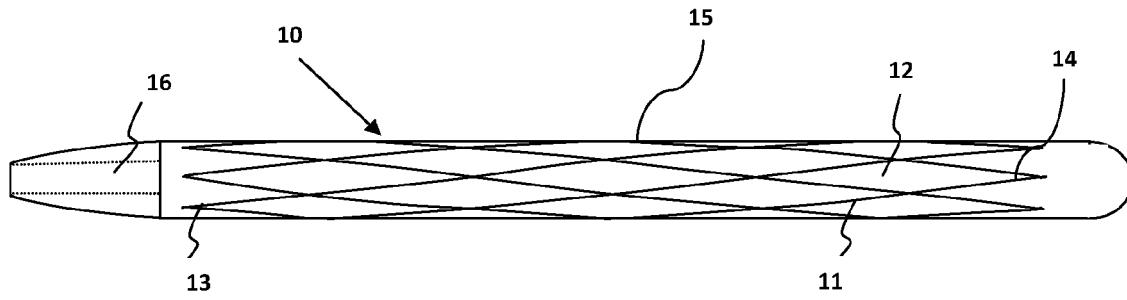


Figure 1A

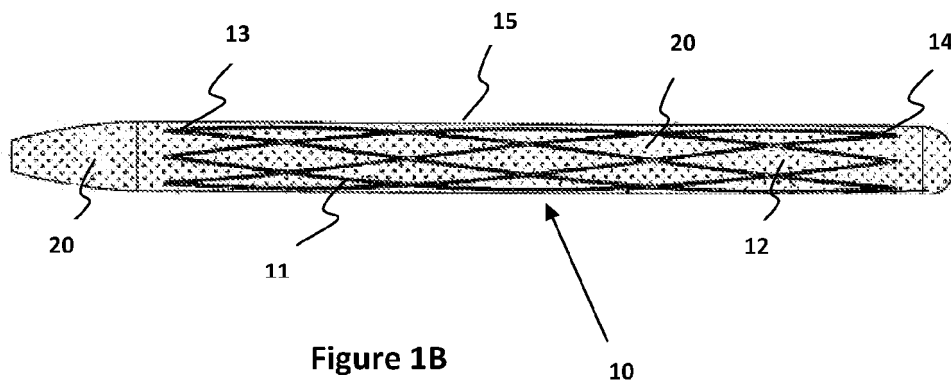


Figure 1B

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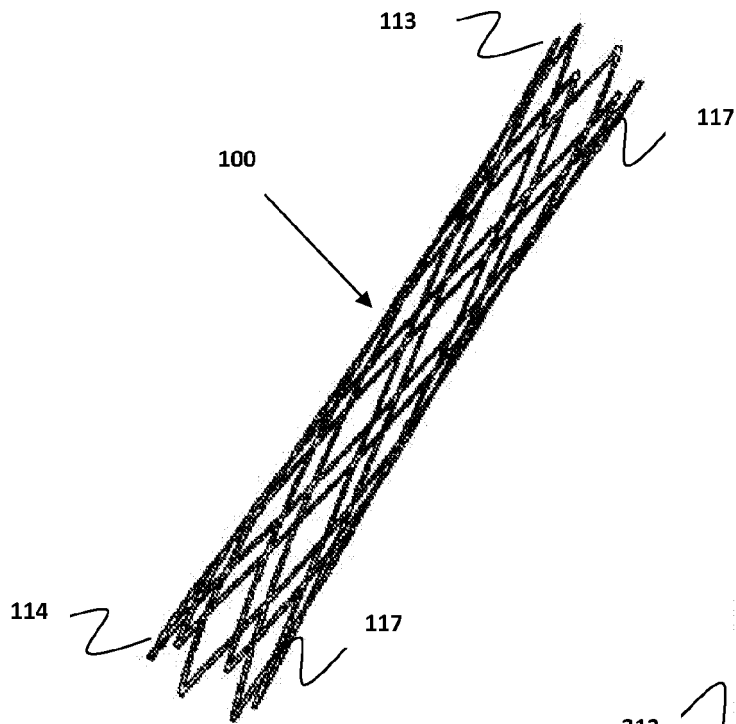


Figure 2A

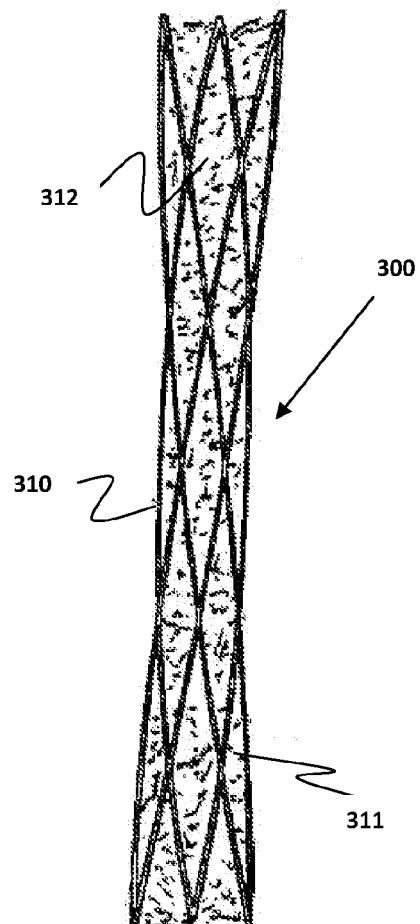


Figure 2B

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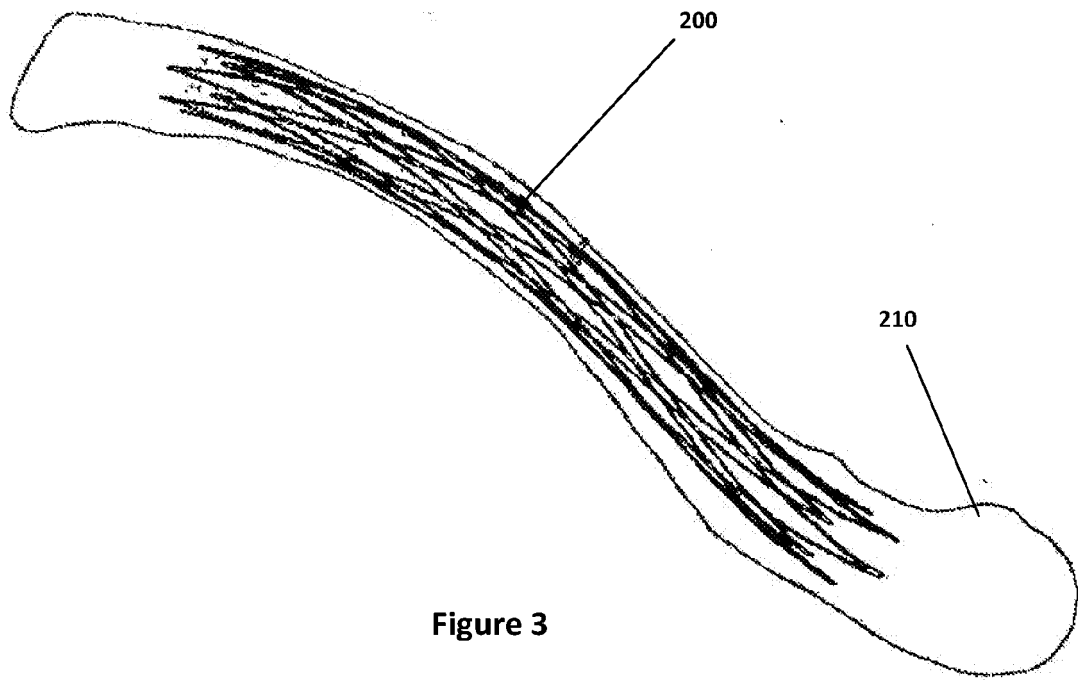


Figure 3

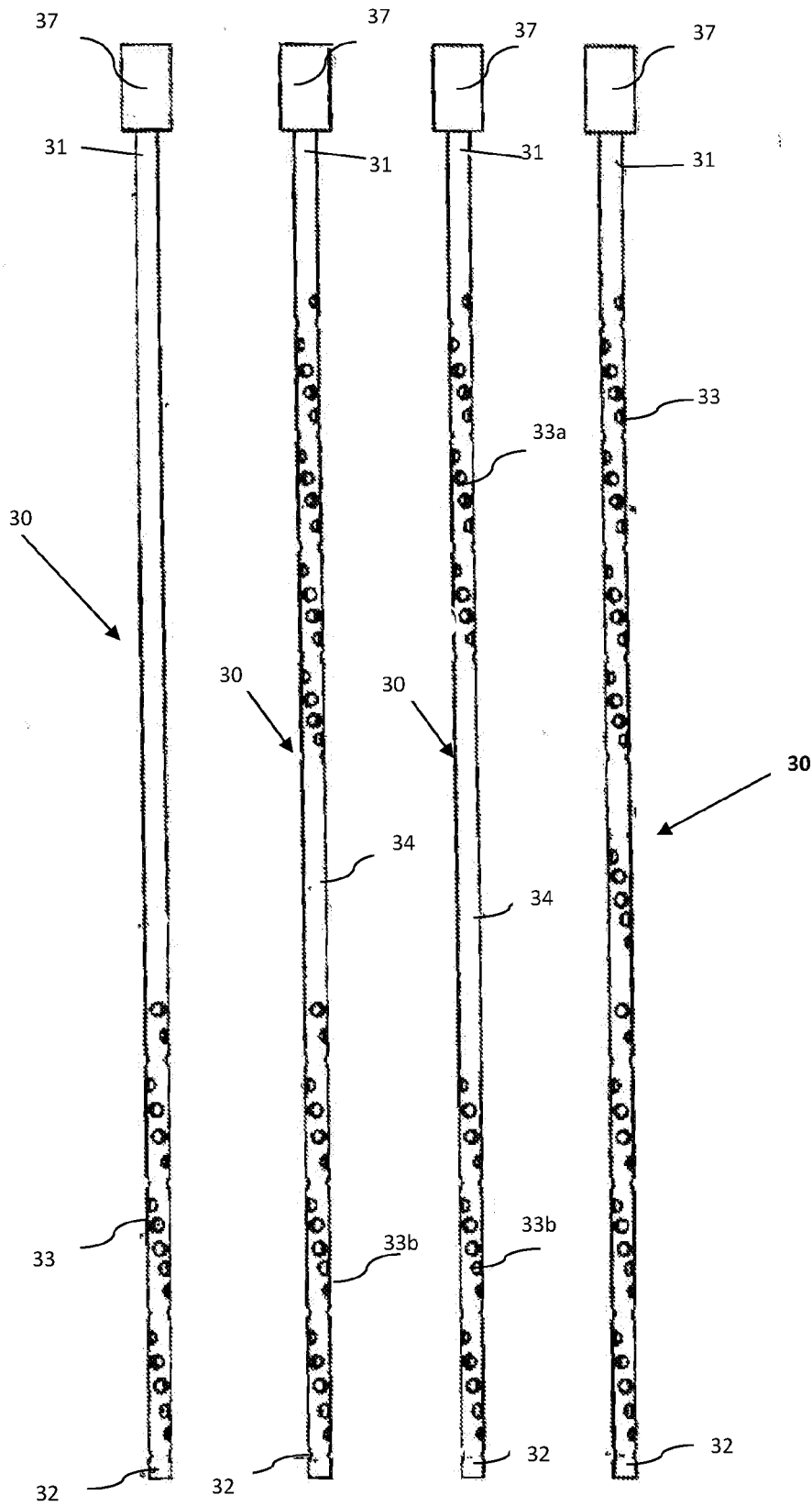


Fig.4D

Fig.4C

Fig.4B

Fig.4A

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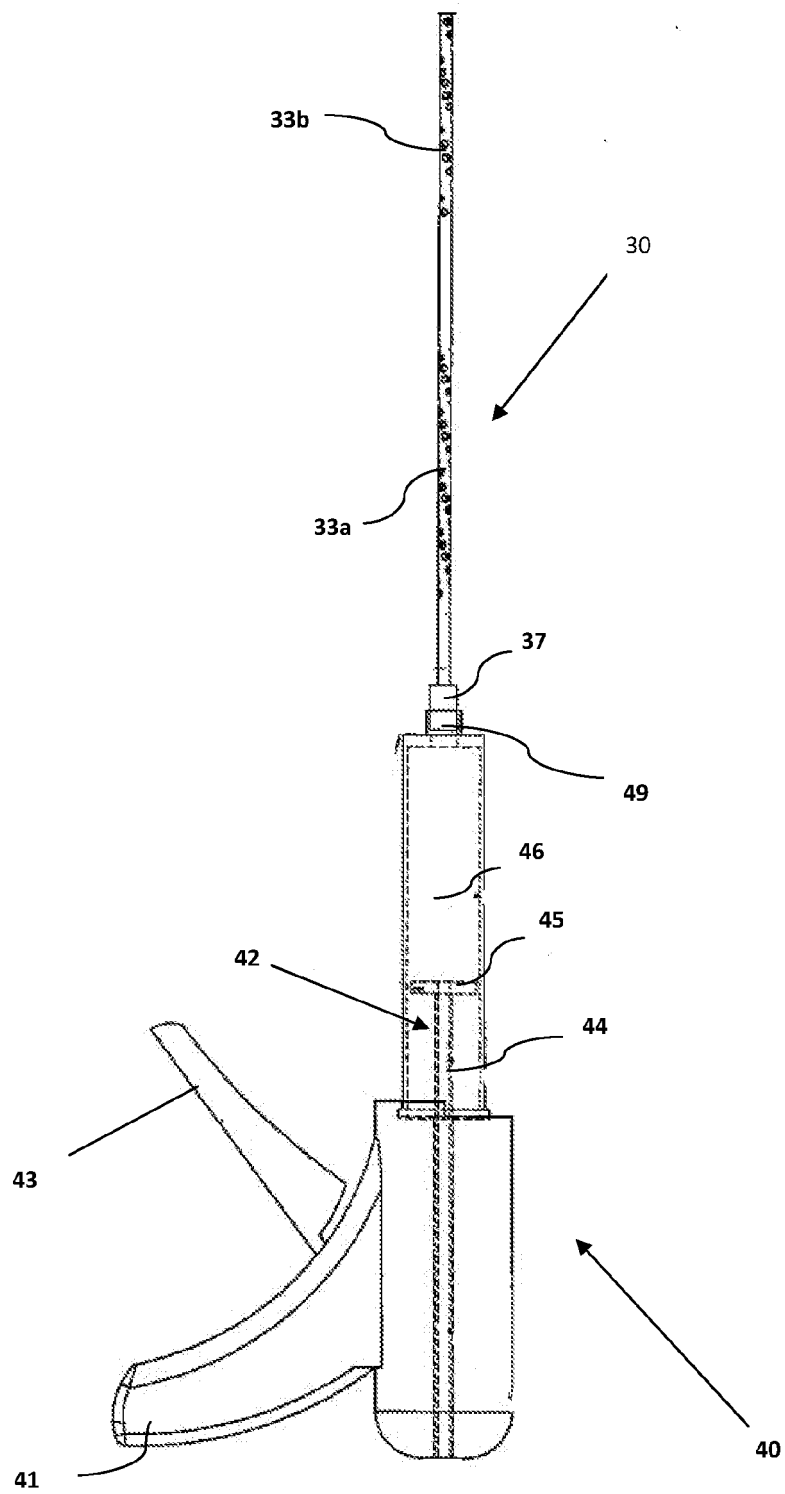
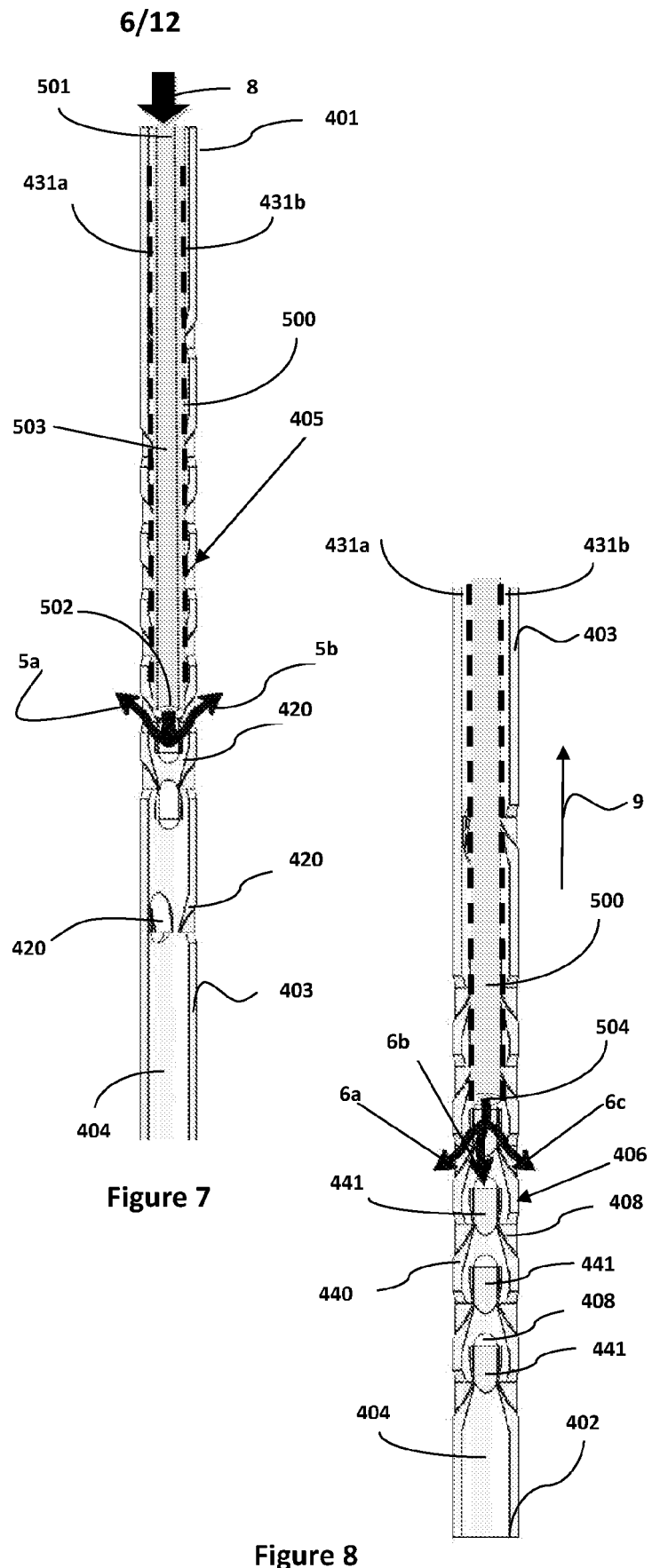
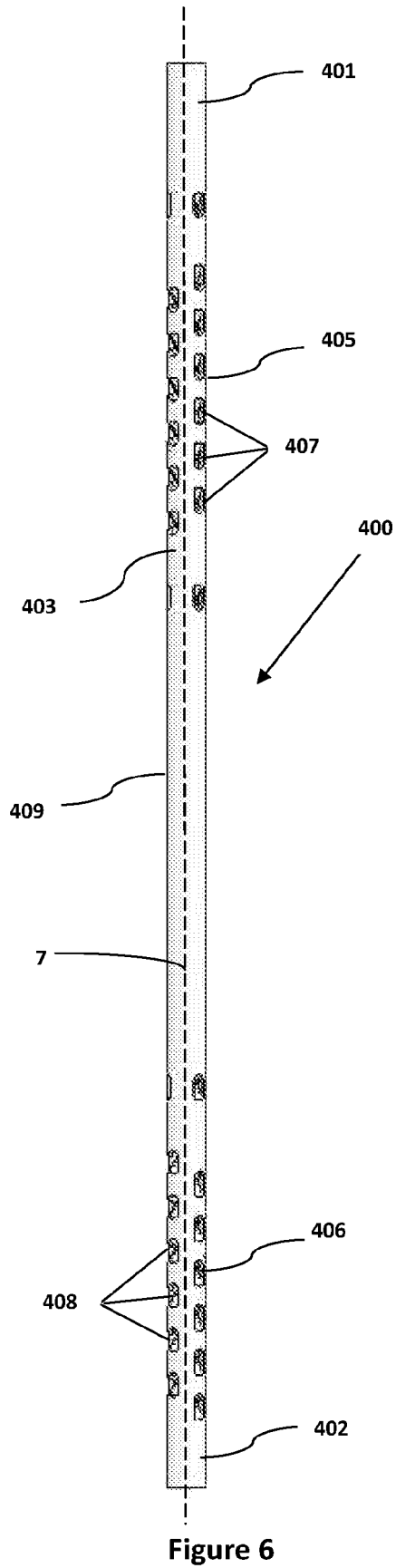


Figure 5



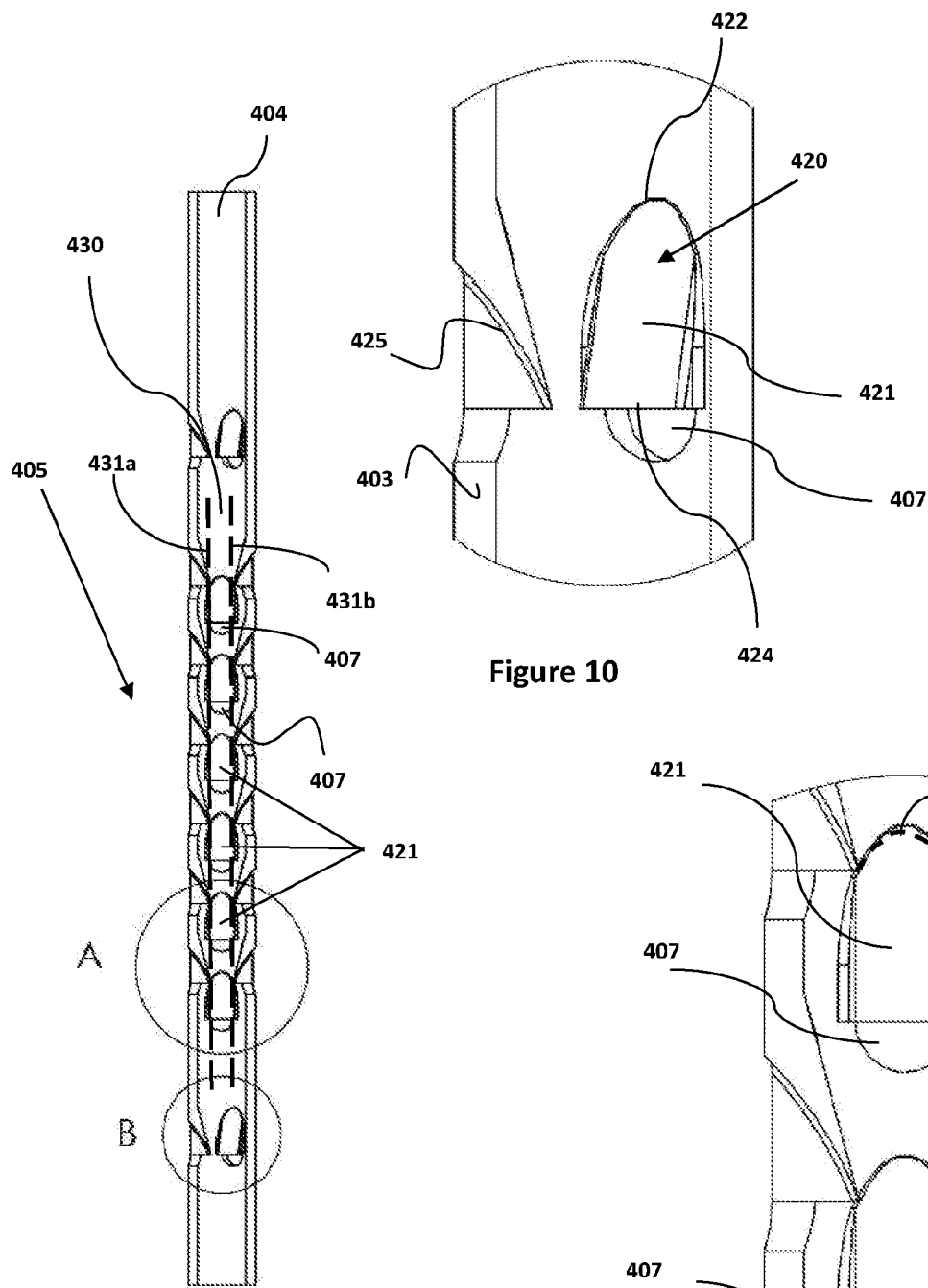


Figure 10

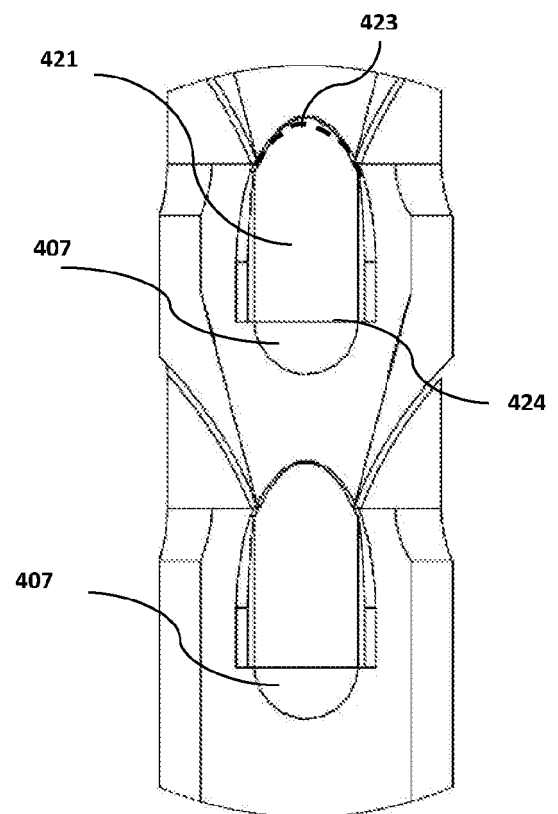


Figure 11

Figure 9

Figure 12A

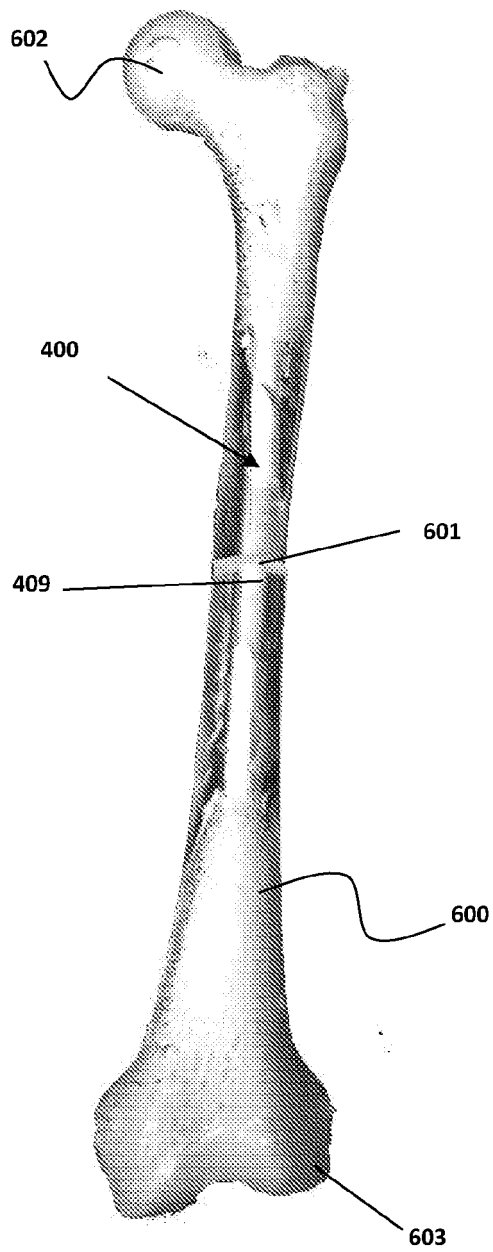
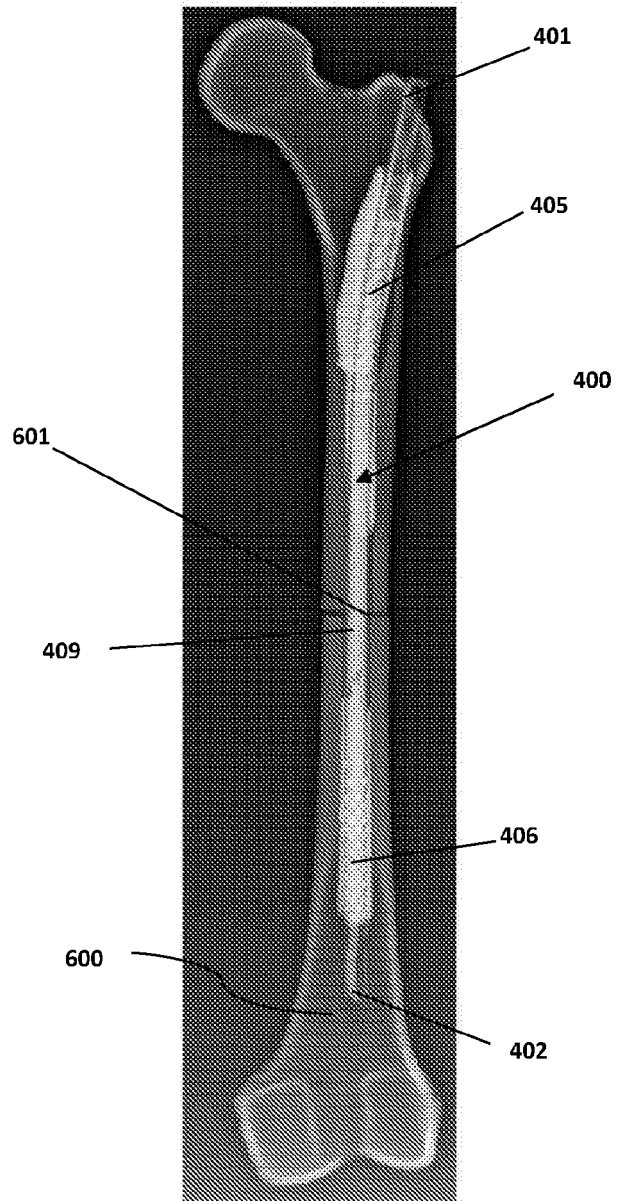


Figure 12B



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Figure 13A

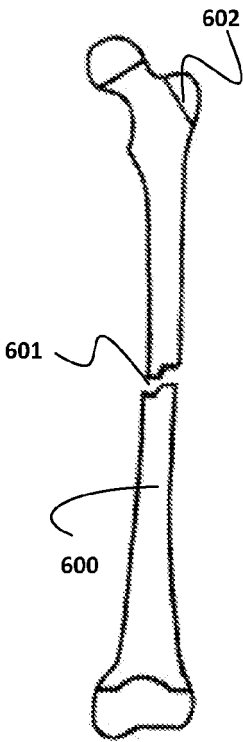


Figure 13B

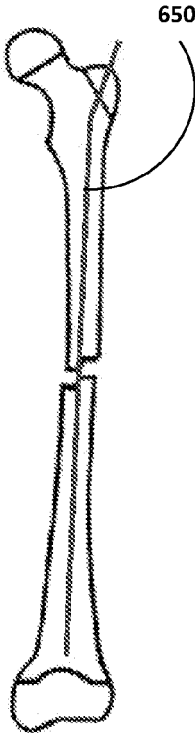


Figure 13C

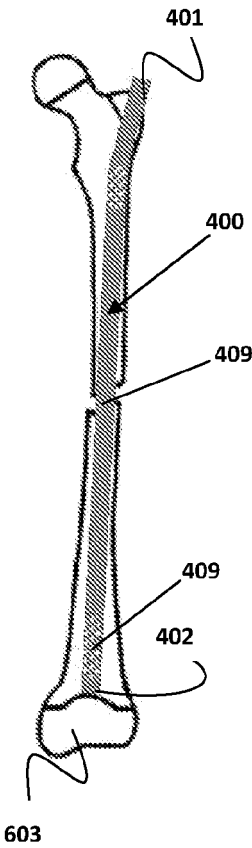
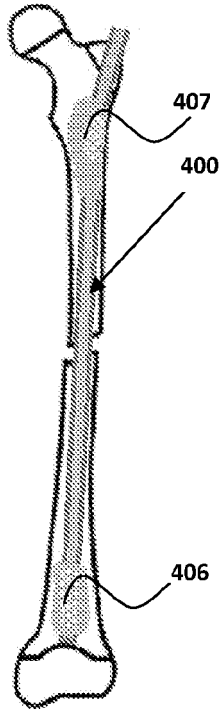


Figure 13D



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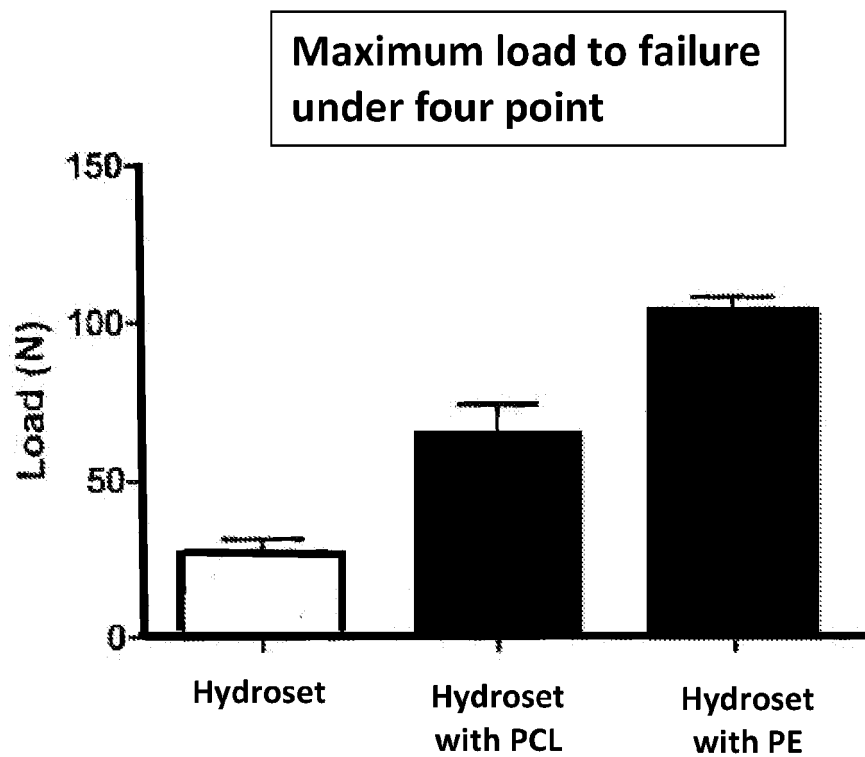
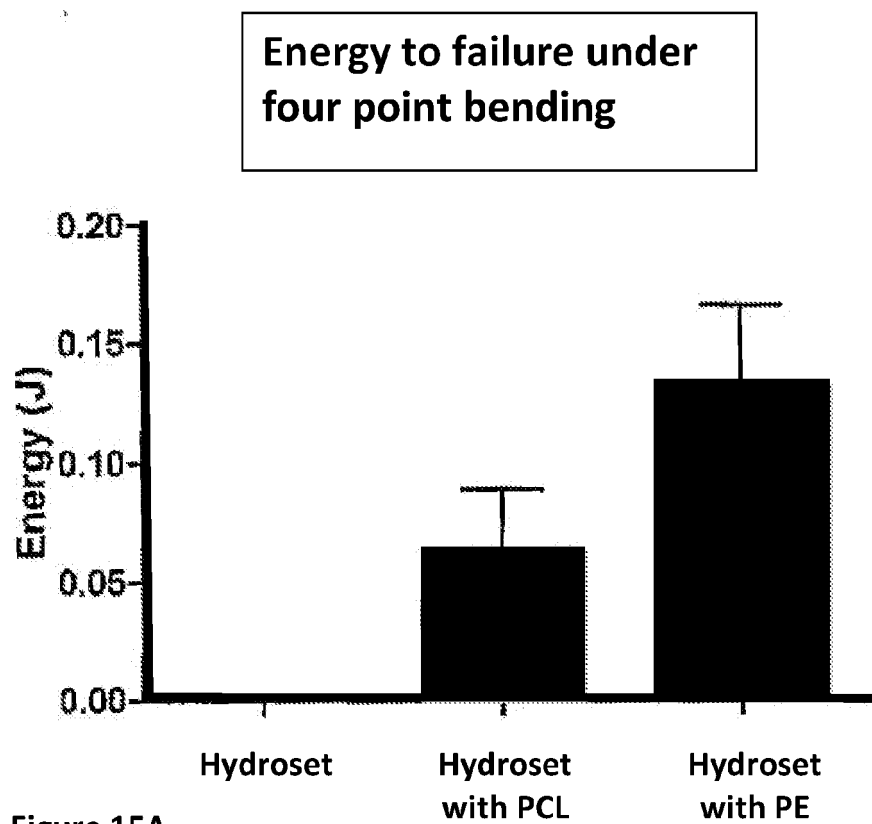


Figure 14A



Figure 14B

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Stiffness under four point bending

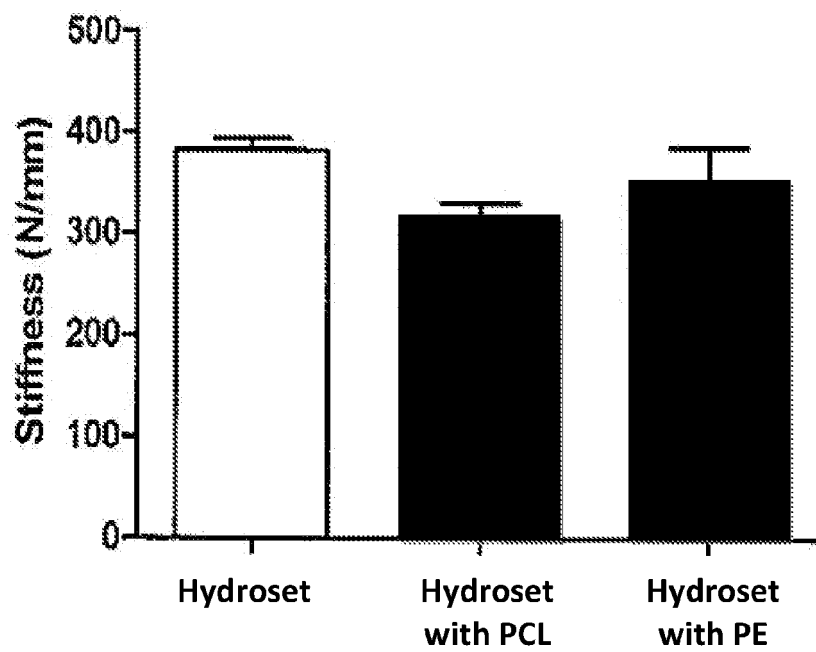


Figure 15C