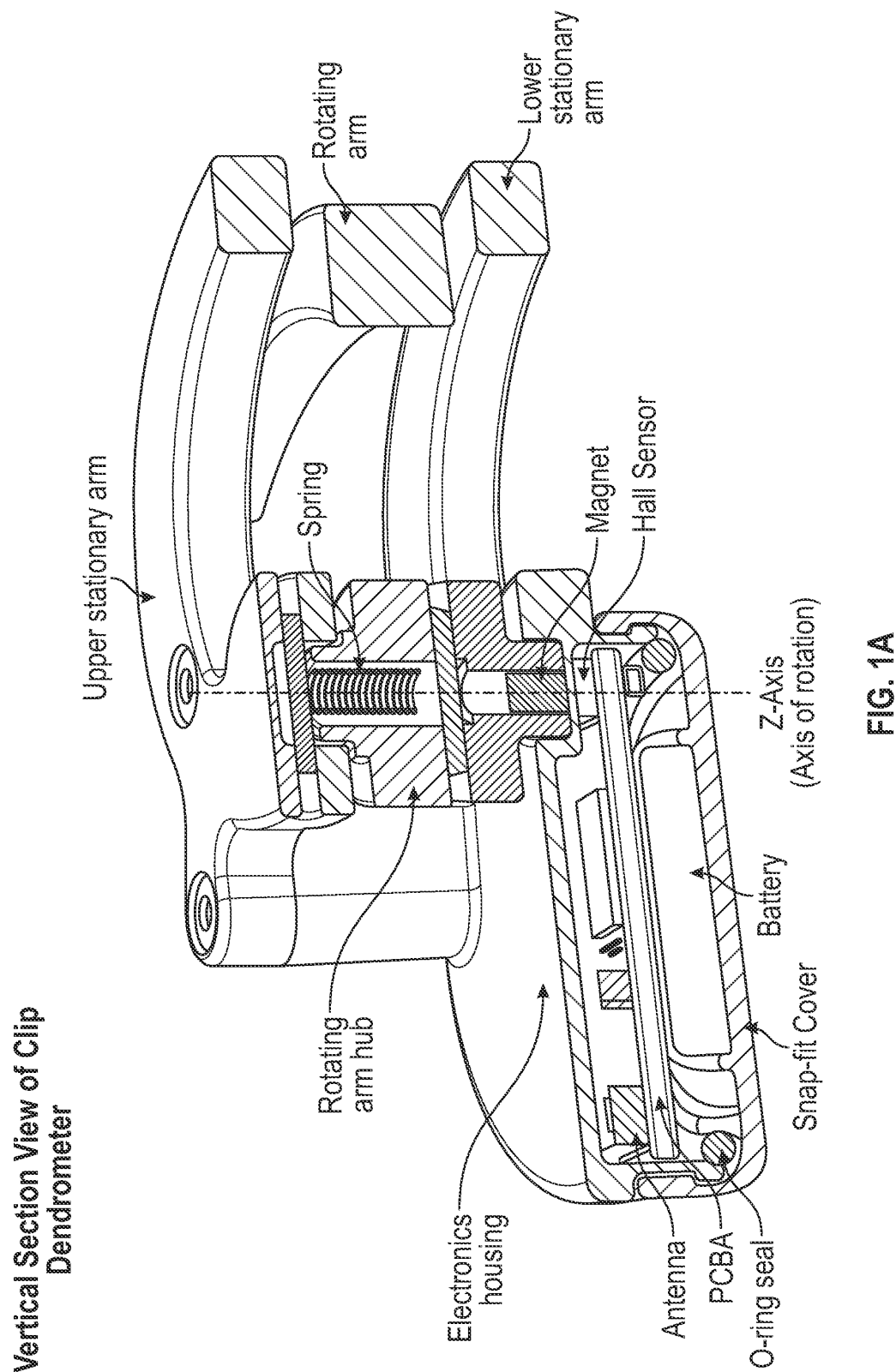




Top Views of Clip Dendrometer with 3 Sized Stems

Dots represent nominal lines of contact with cylindrical object. 3 contacts provide kinematically stable grip at all stem sizes within range.

Curvature of arms shown here produces consistent ratio of angular arm movement vs stem diameter change. 0 degrees = 1mm over range of stems from 4mm to 24mm dia.

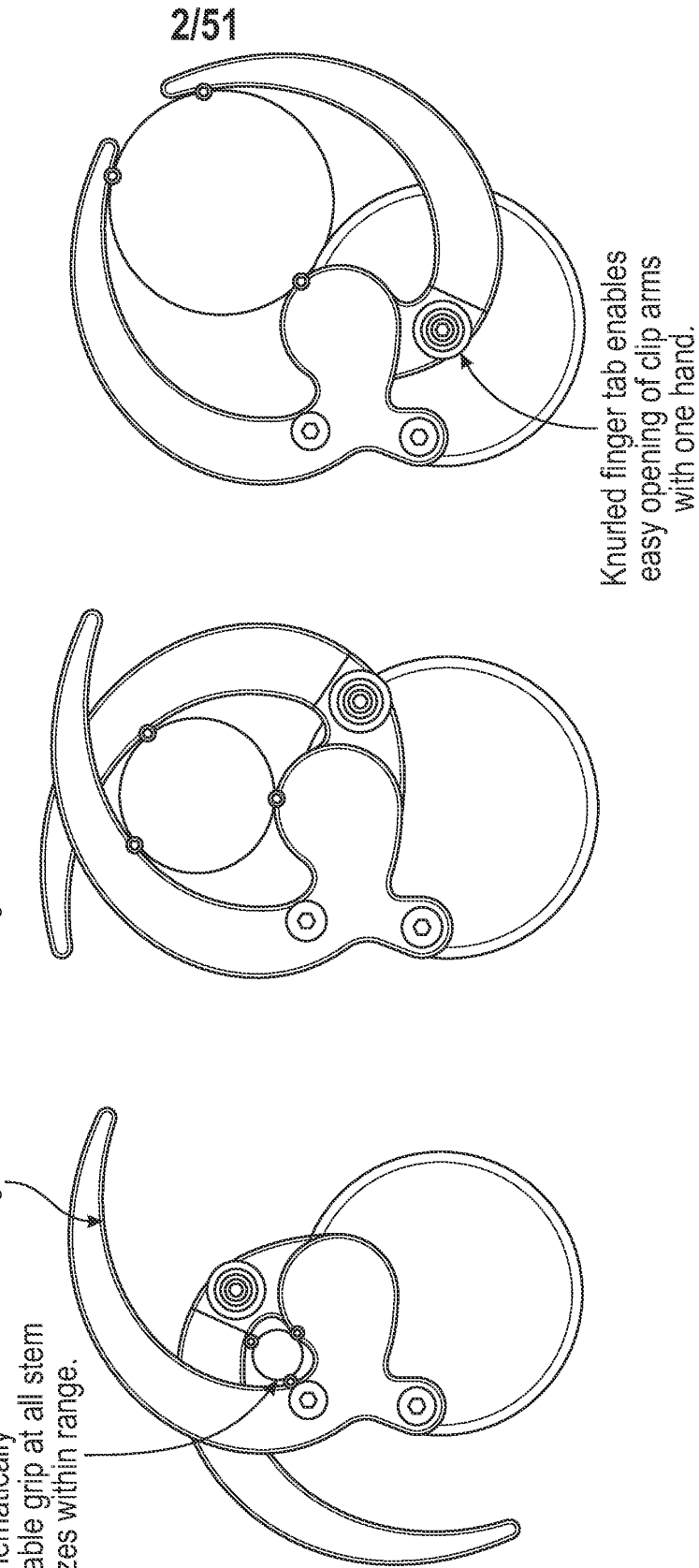


FIG. 1B

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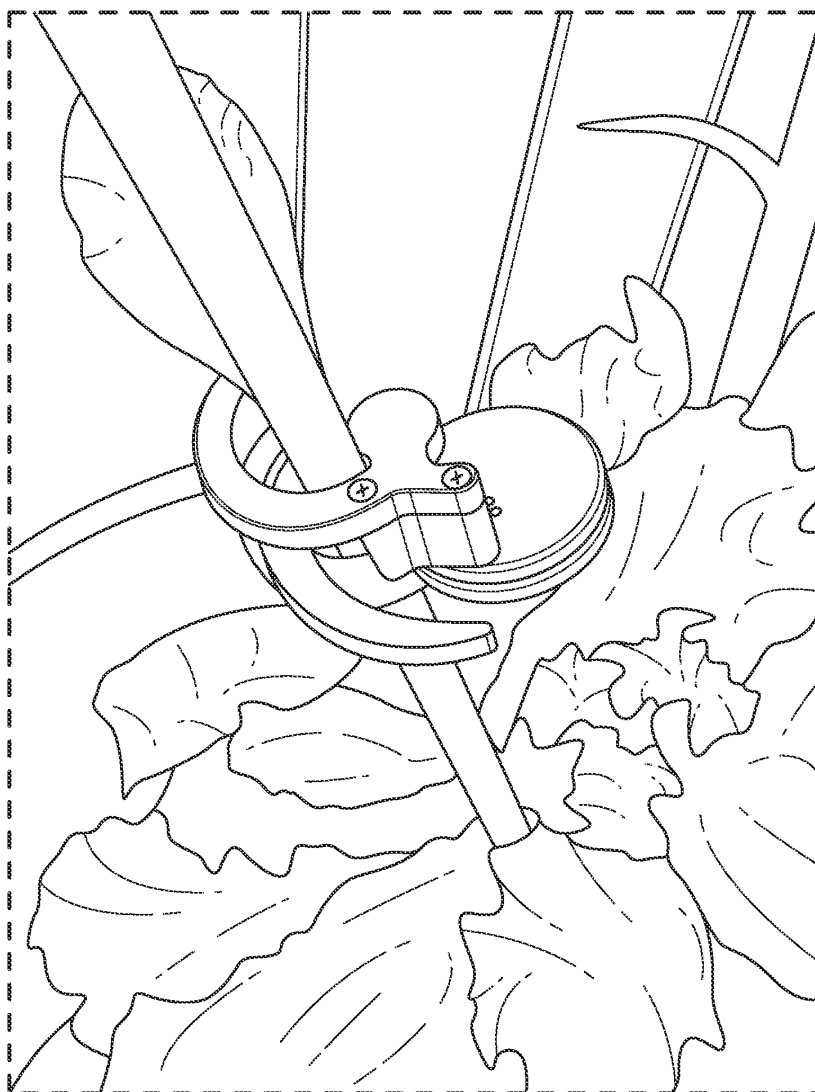


FIG. 1C

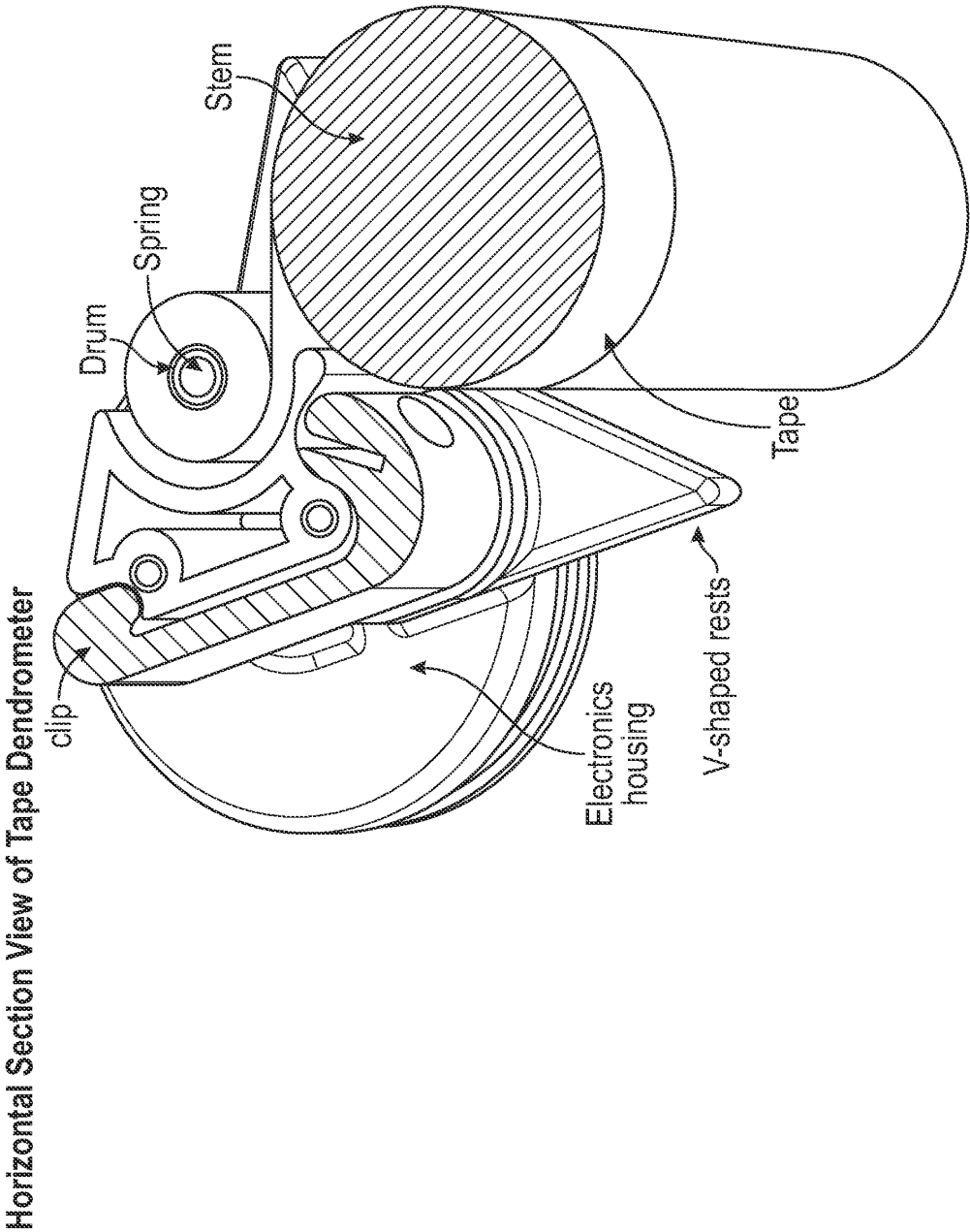


FIG. 2A

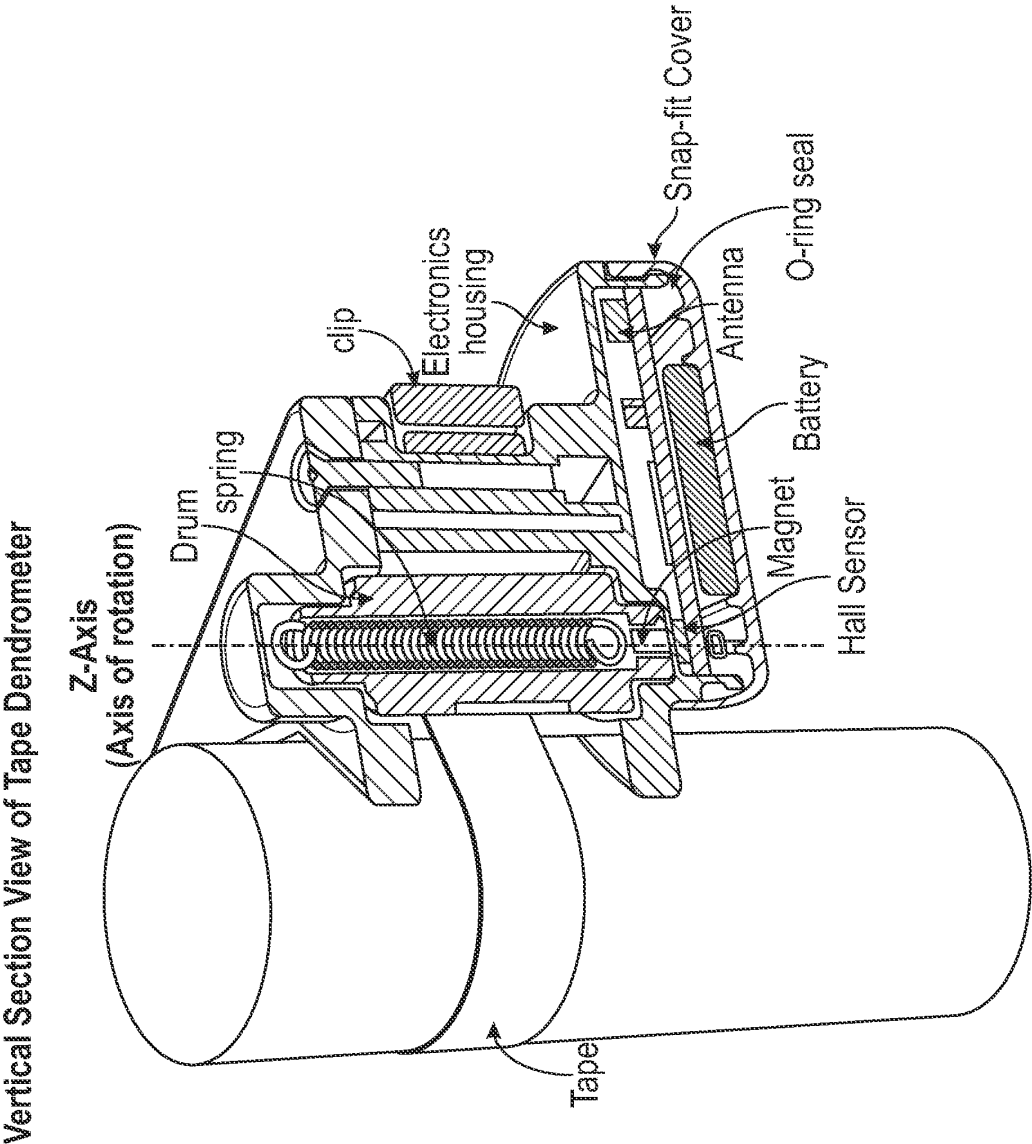


FIG. 2B

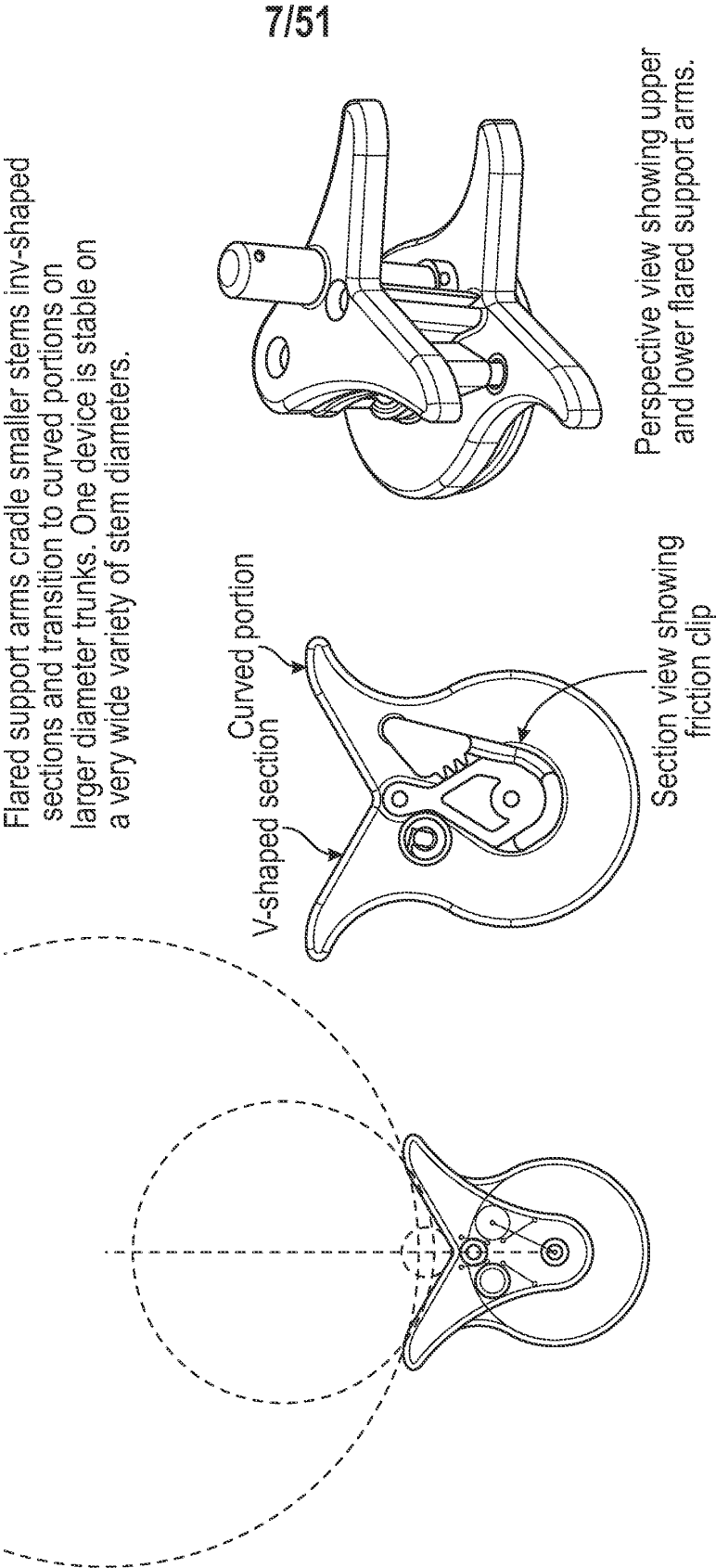
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FIG. 2C

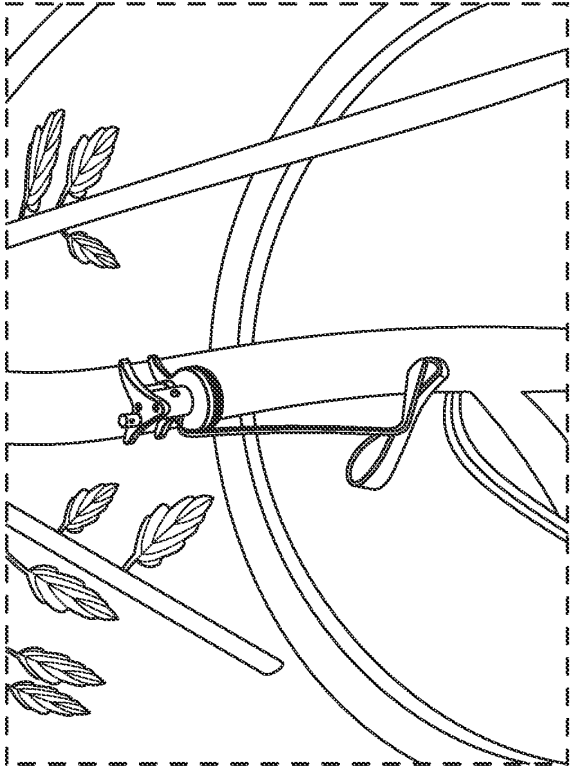
SUBSTITUTE SHEET (RULE 26)

3 Views of Ribbon Dendrometer

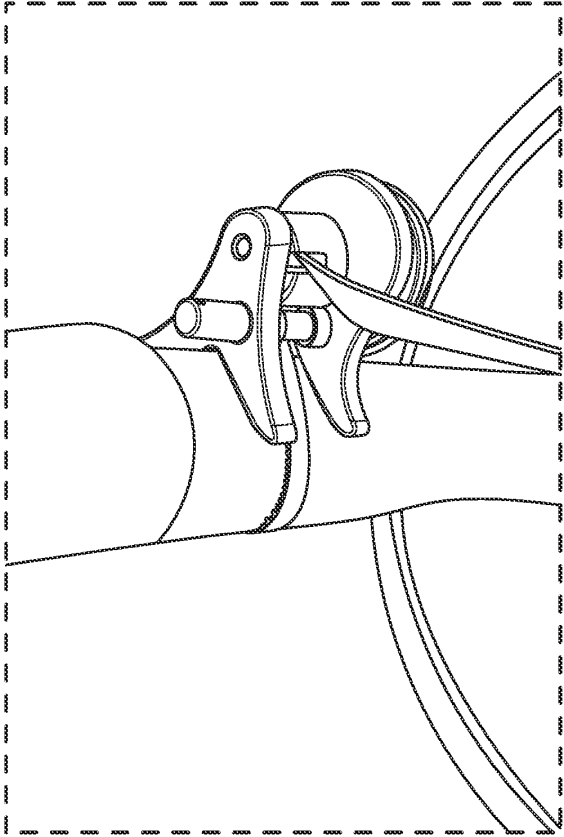


Ribbon Dendrometer on Potted Plant

Extra ribbon allows dendrometer to be installed on much larger plant.



Small drum diameter results in high measurement sensitivity. Ribbon is pulled snug and then friction clip holds ribbon in place. Ribbon pulls device toward plant while V supports keep sensor from rocking.



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FIG. 3B

Timing Belt Dendrometer, Perspective View and 2 Section Views

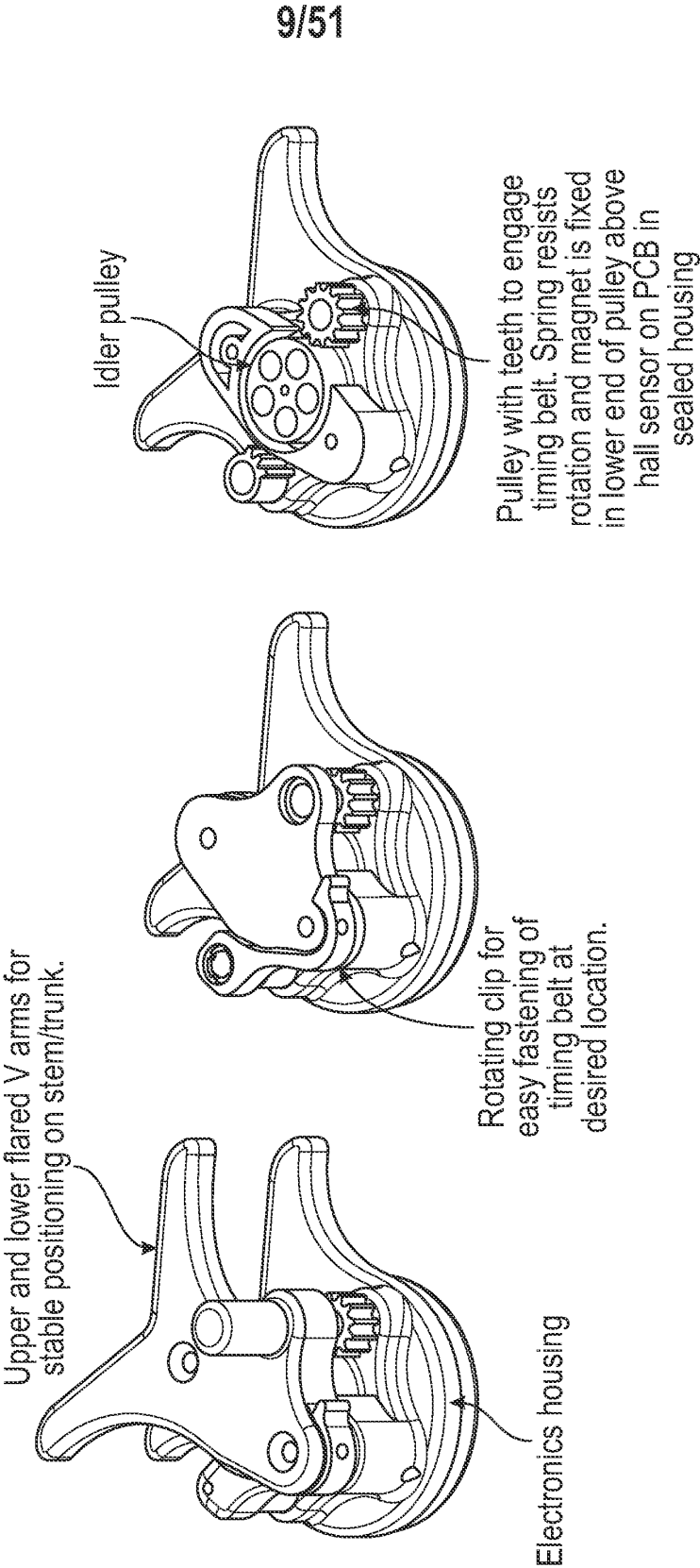


FIG. 4A

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Photos of Timing Belt Dendrometer

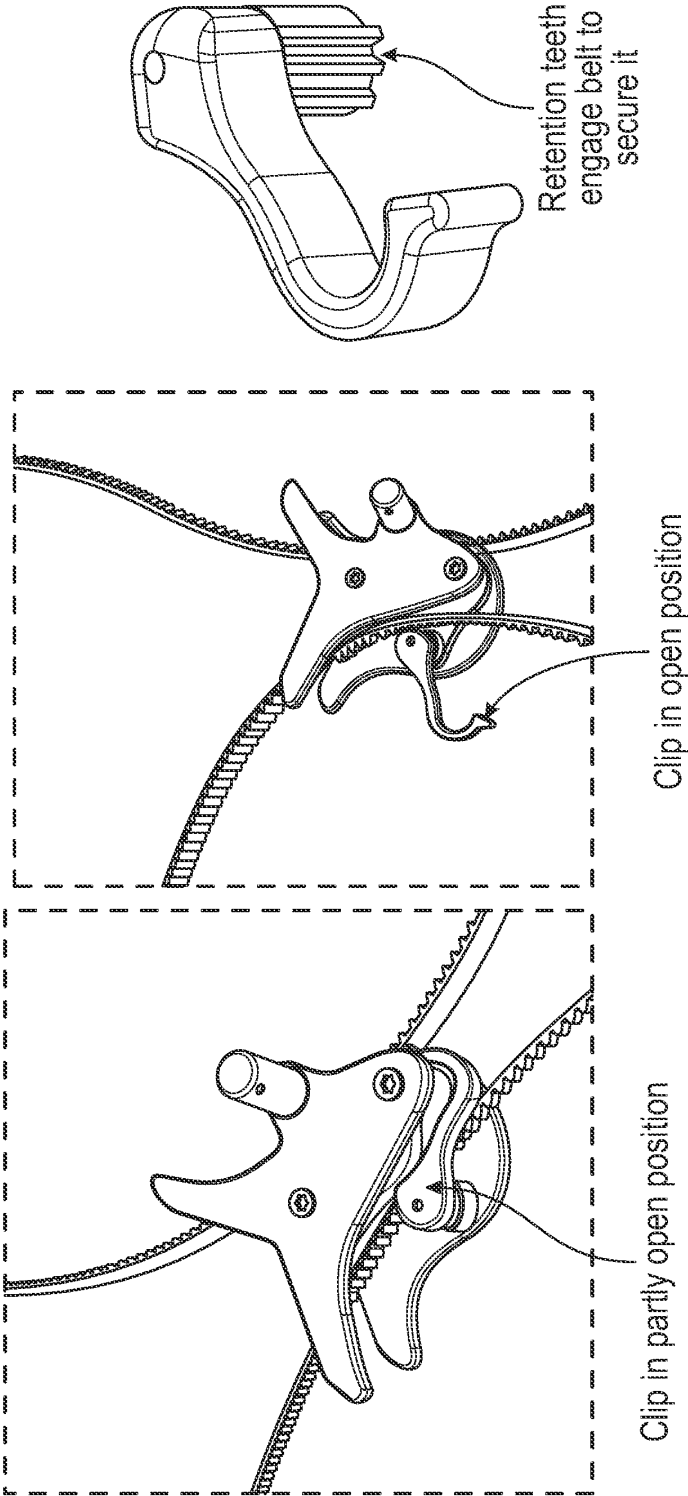


FIG. 4B

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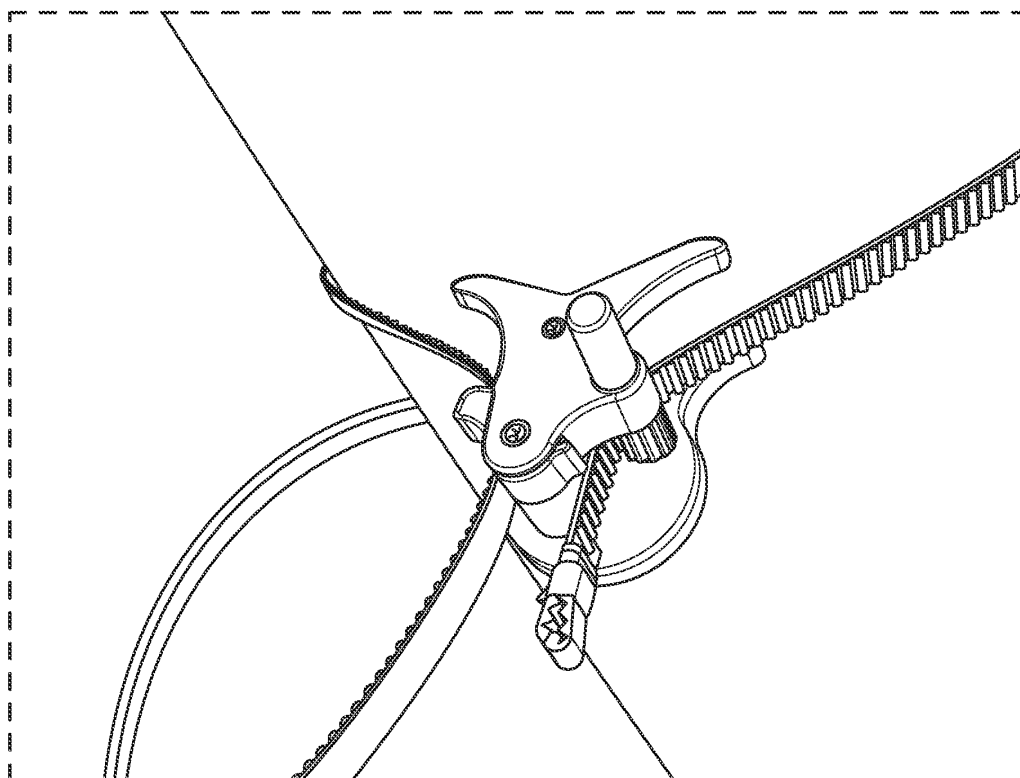
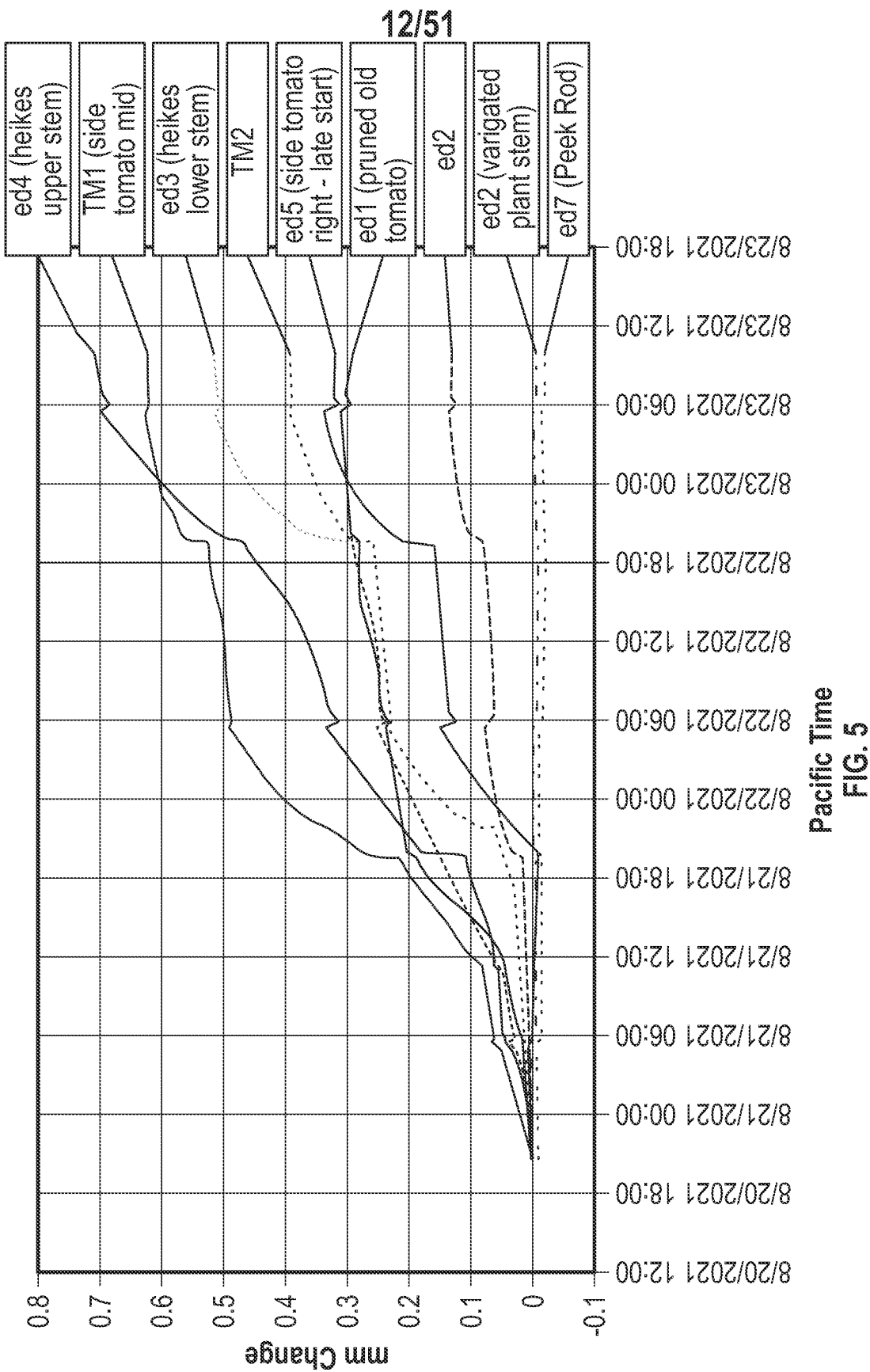


FIG. 4C



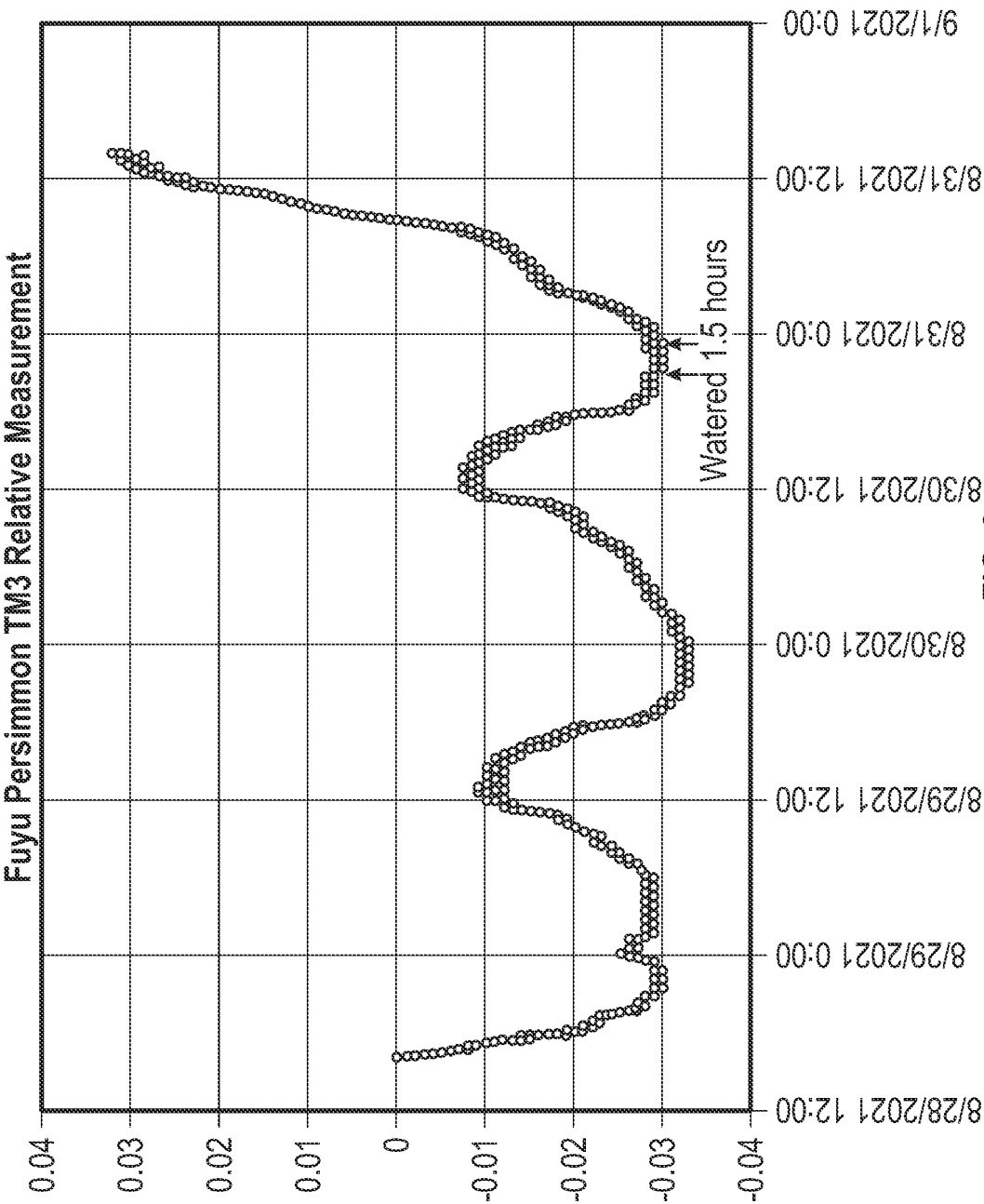


FIG. 6

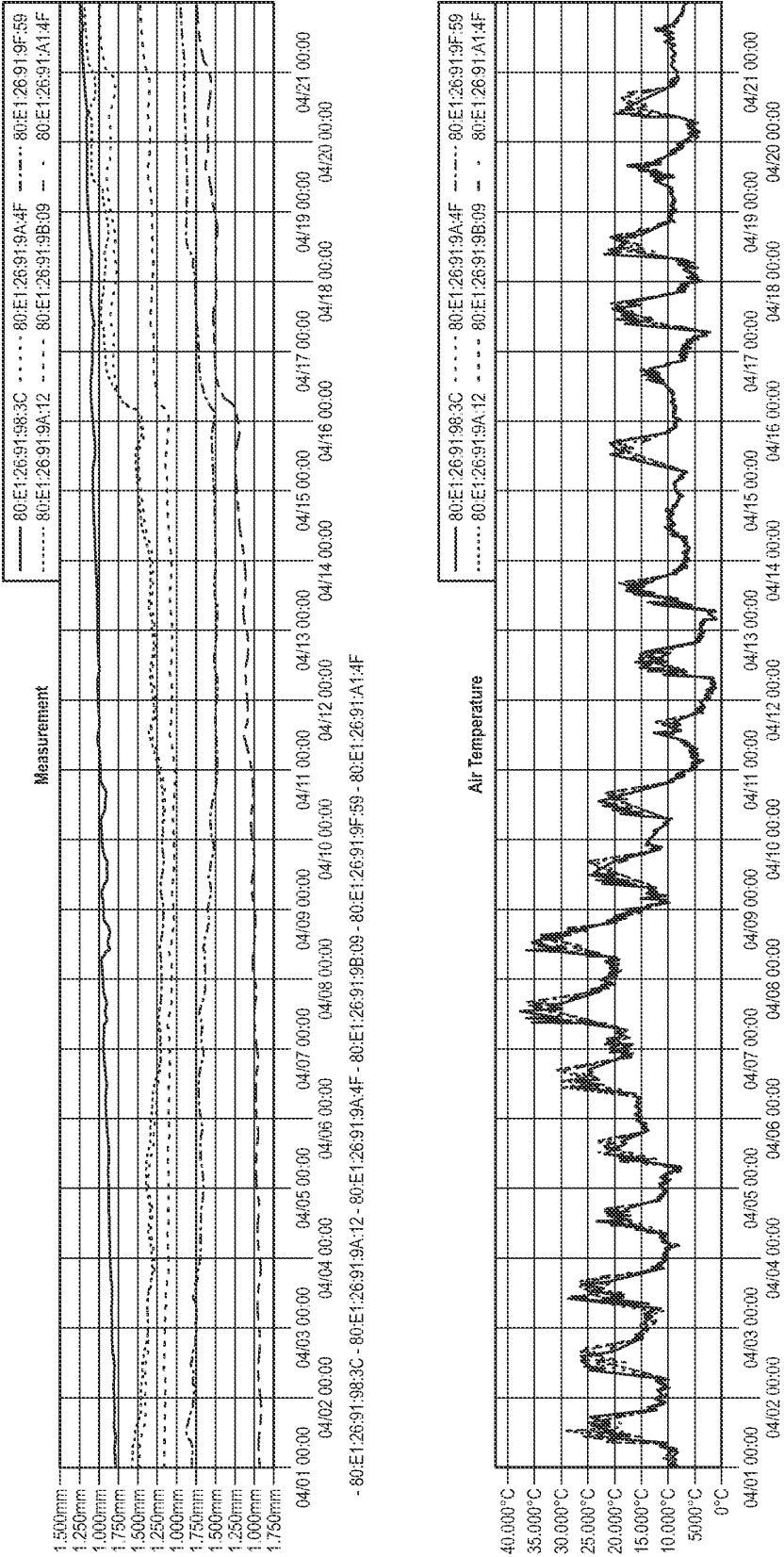


FIG. 7A

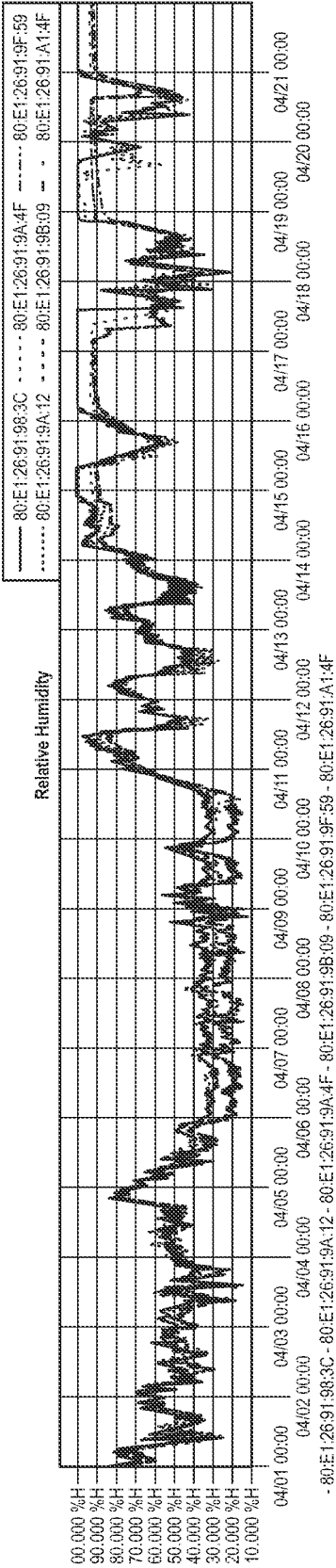


FIG. 7A (cont'd.)

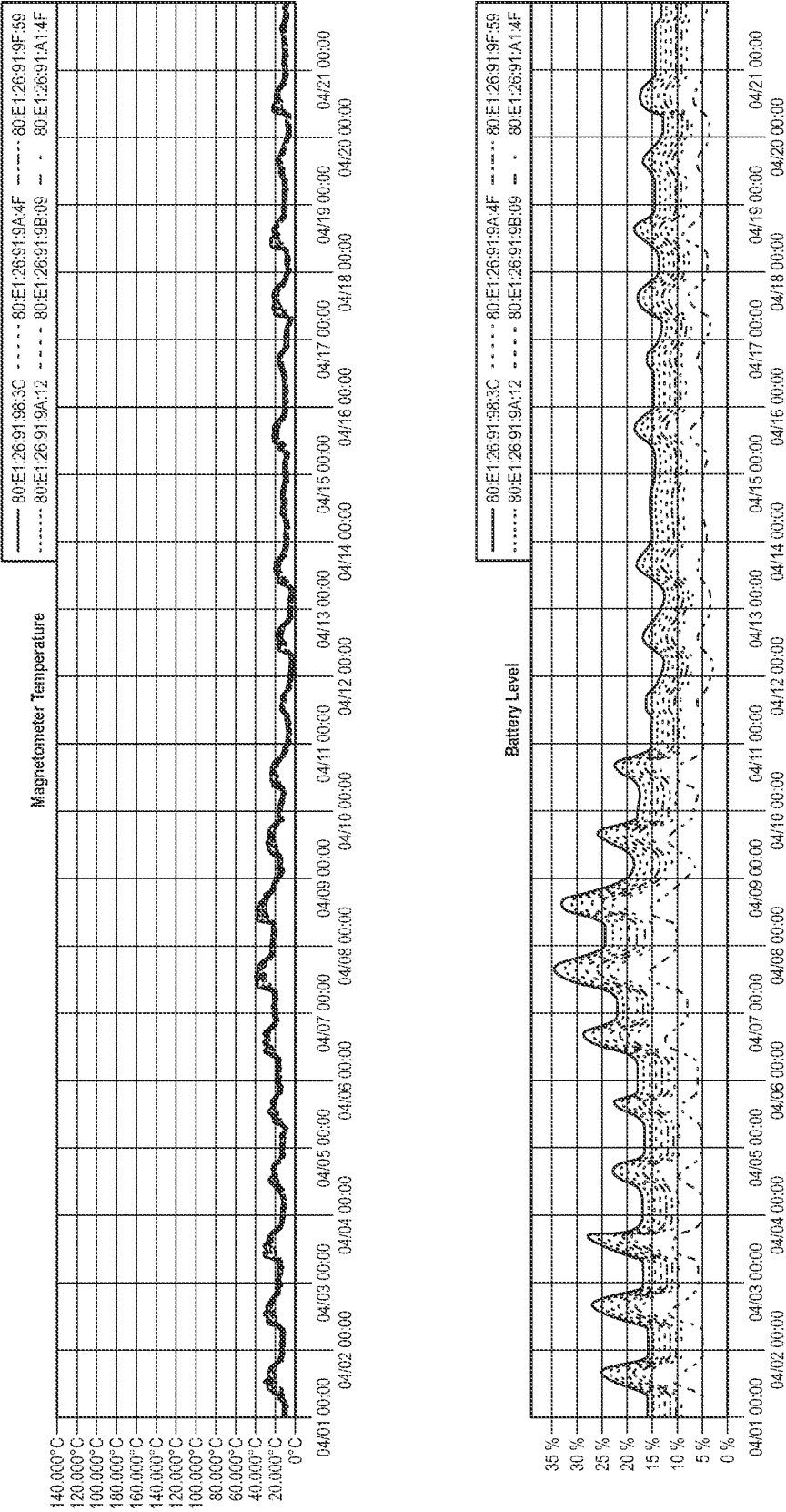


FIG. 7B

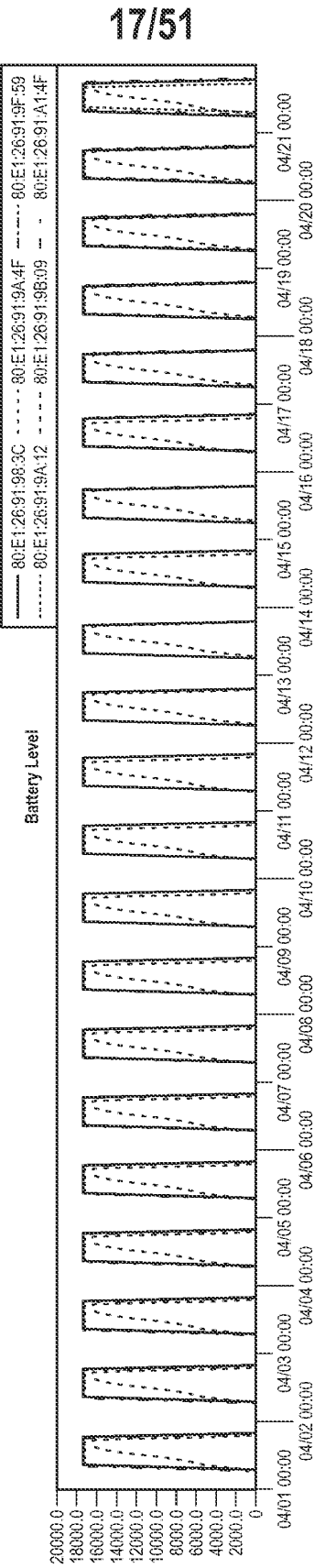


FIG. 7B (cont'd.)

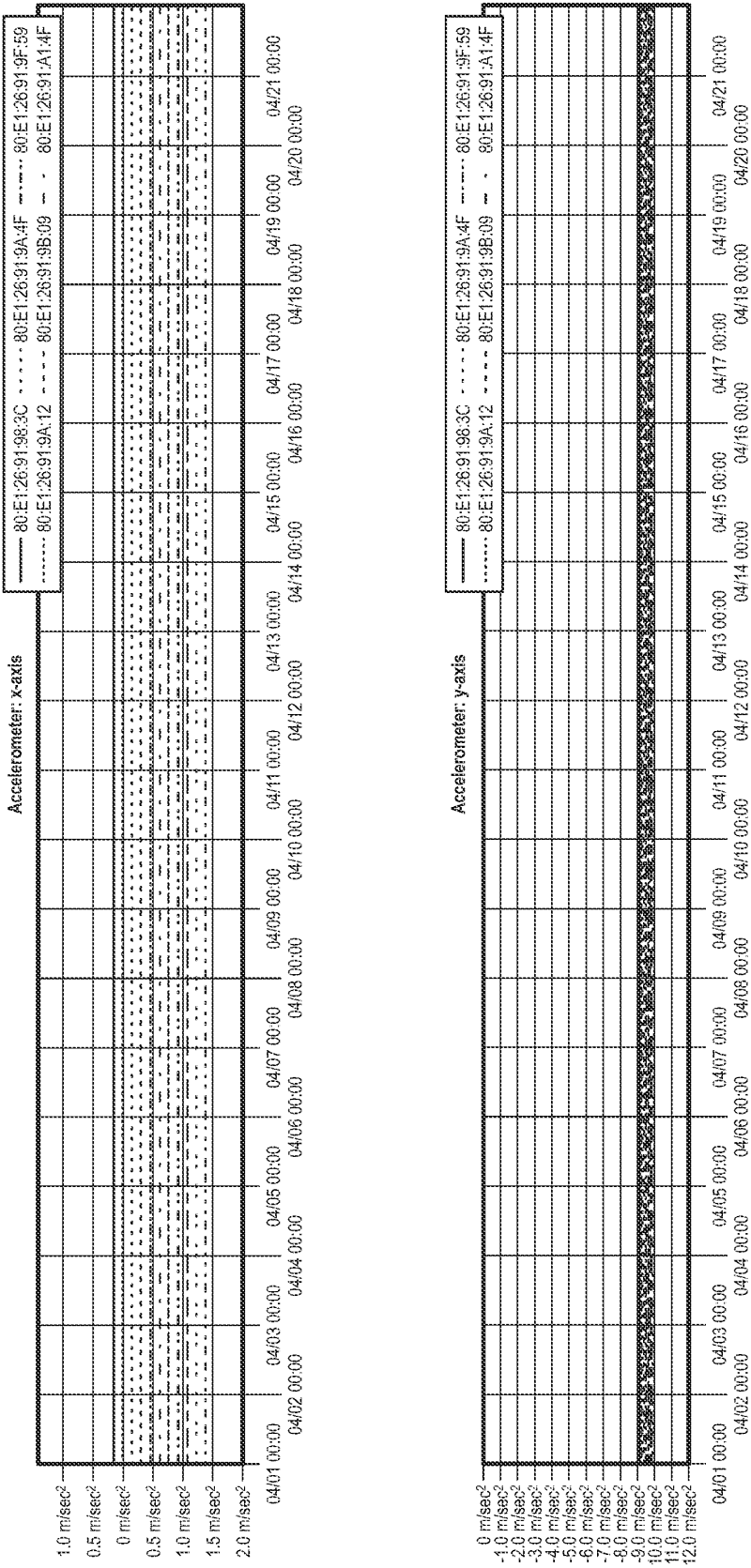


FIG. 7C

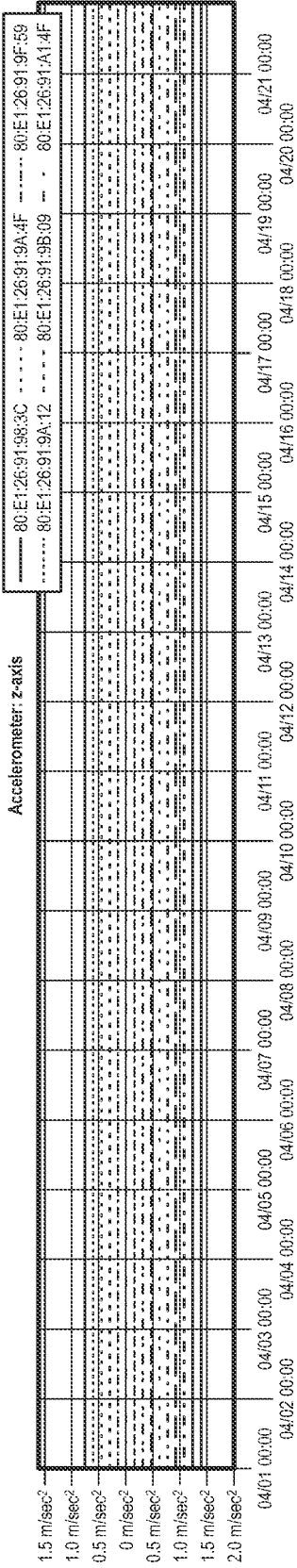


FIG. 7C (cont'd.)

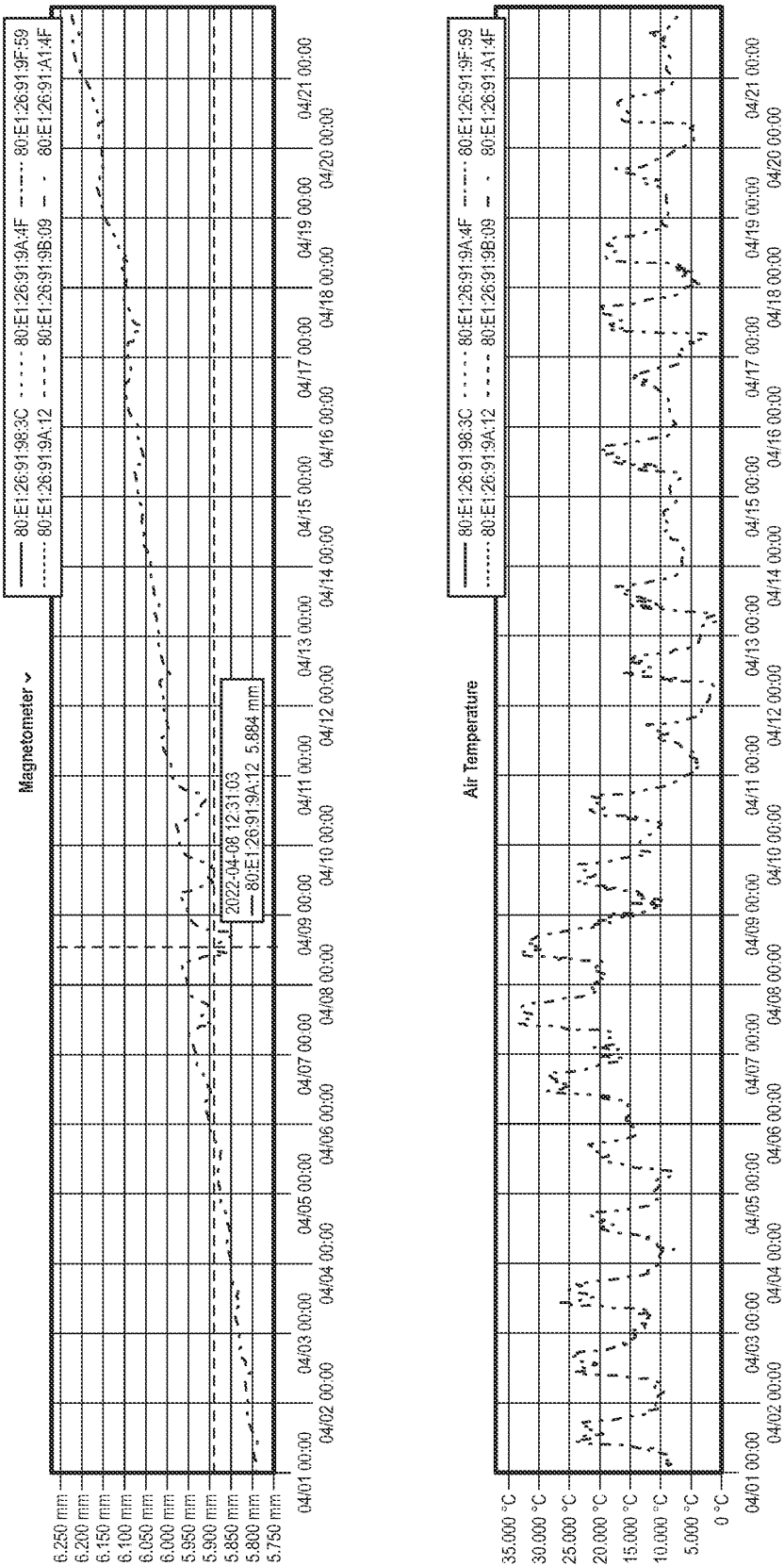


FIG. 8A

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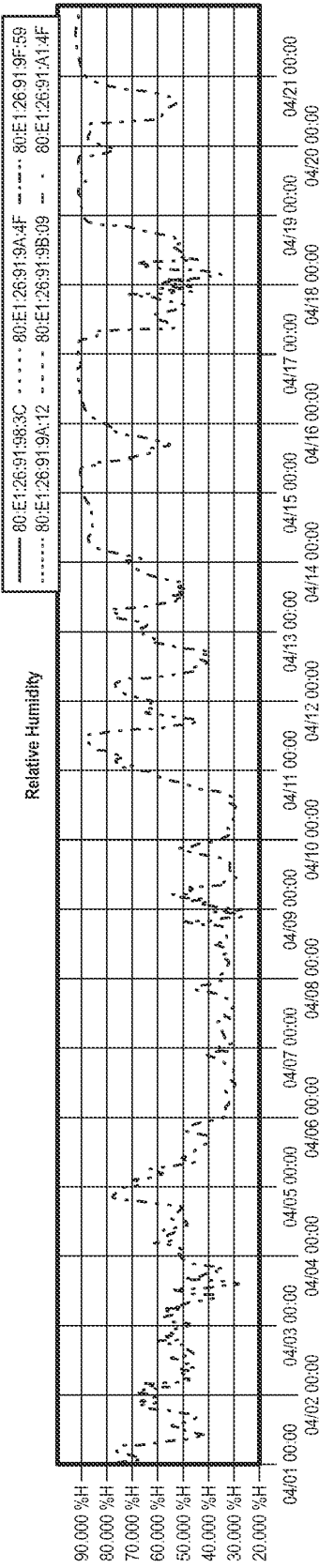


FIG. 8A (cont'd.)

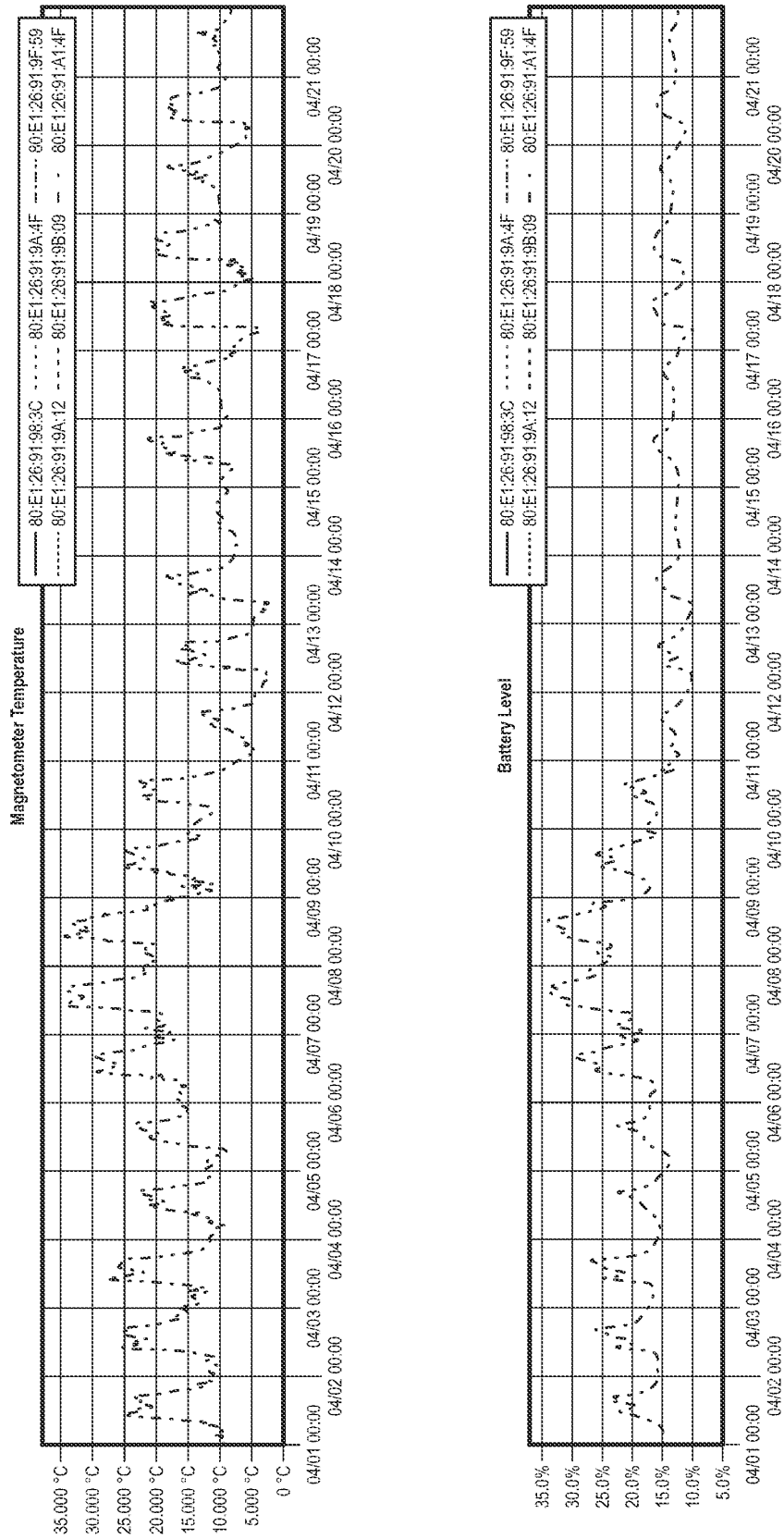


FIG. 8B

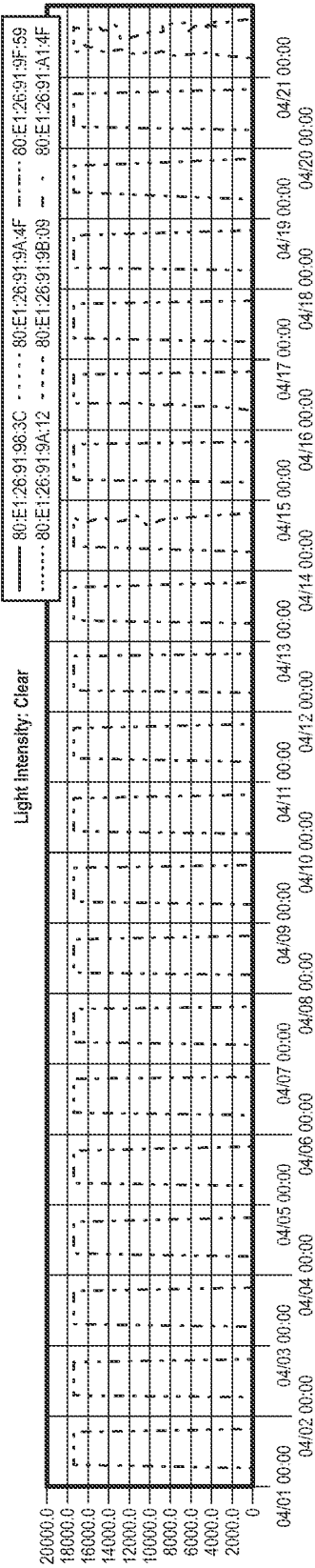


FIG. 8B (cont'd.)

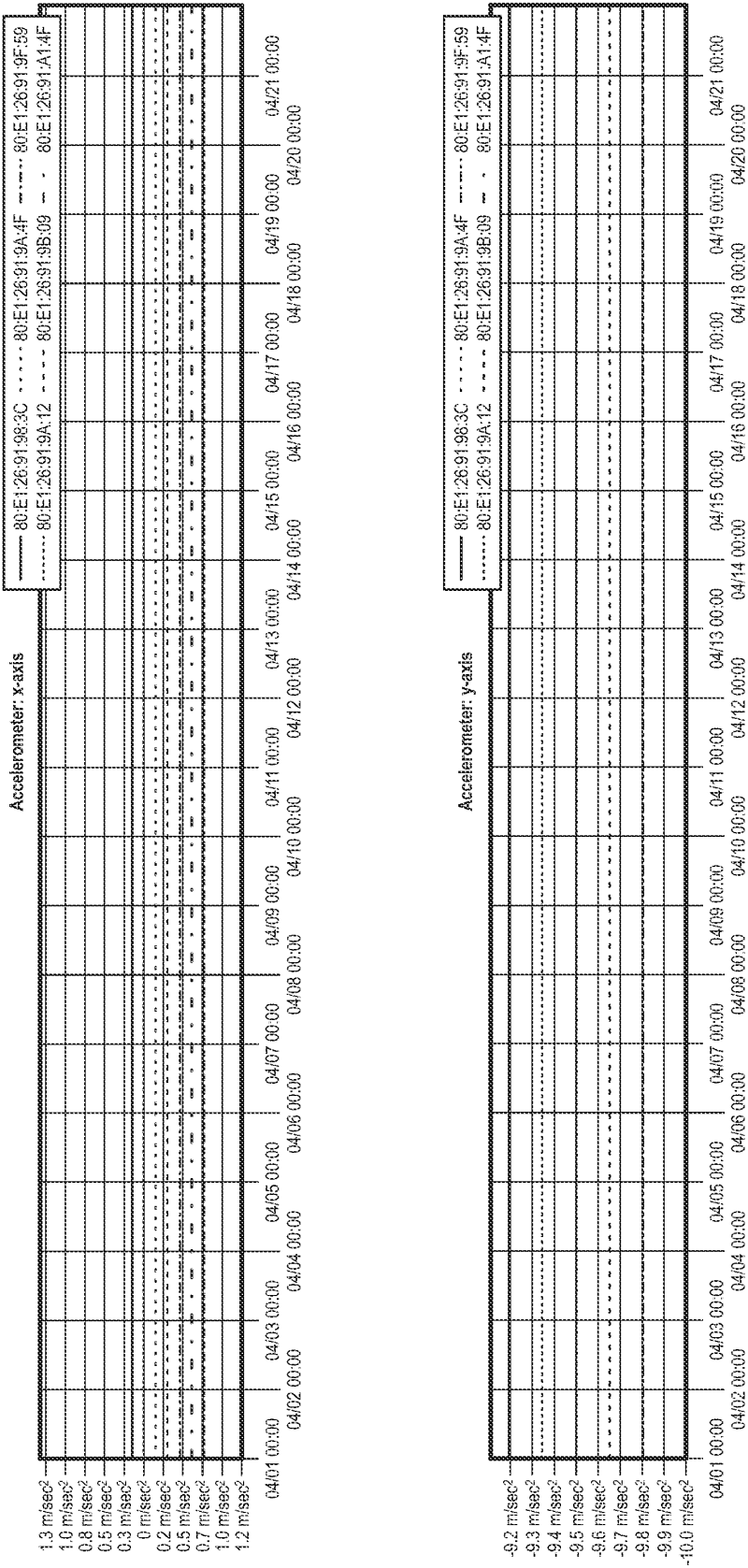


FIG. 8C

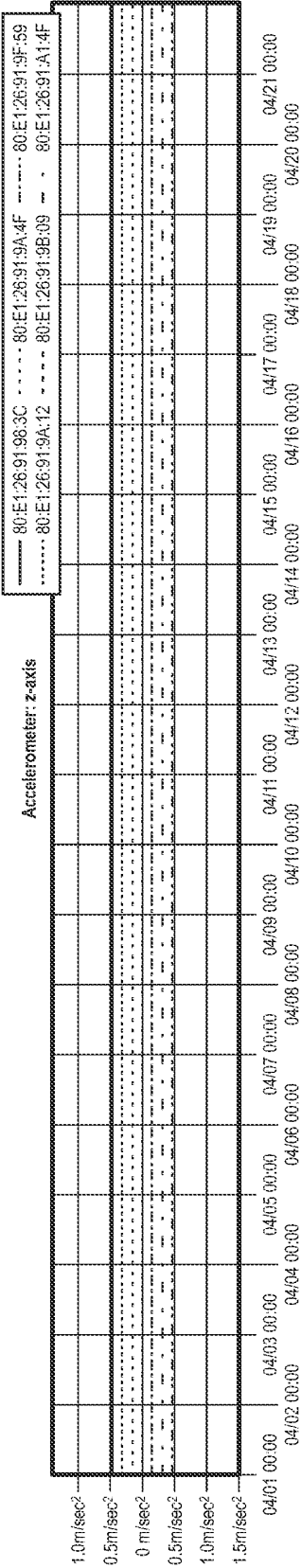


FIG. 8C (cont'd.)

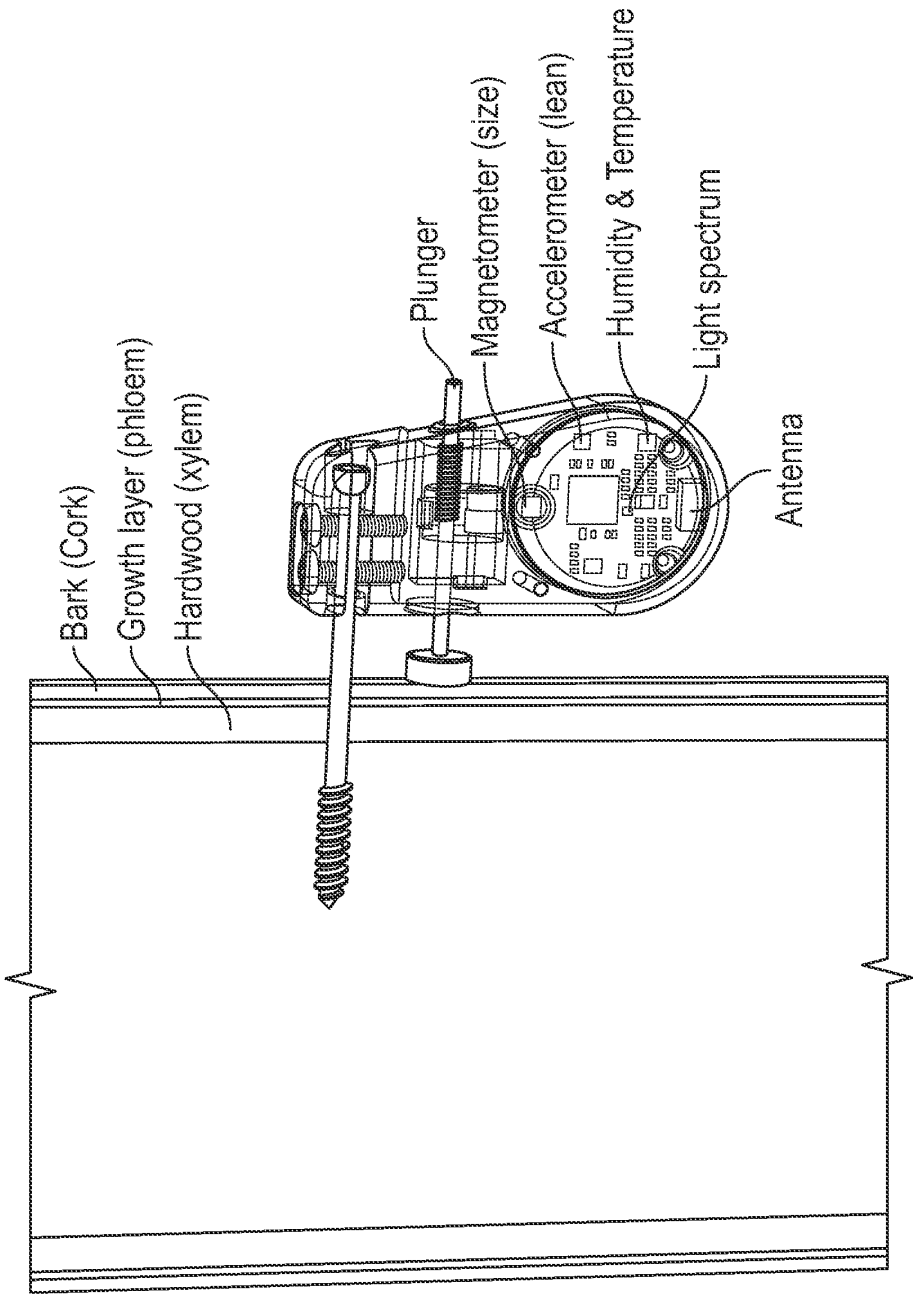


FIG. 9A

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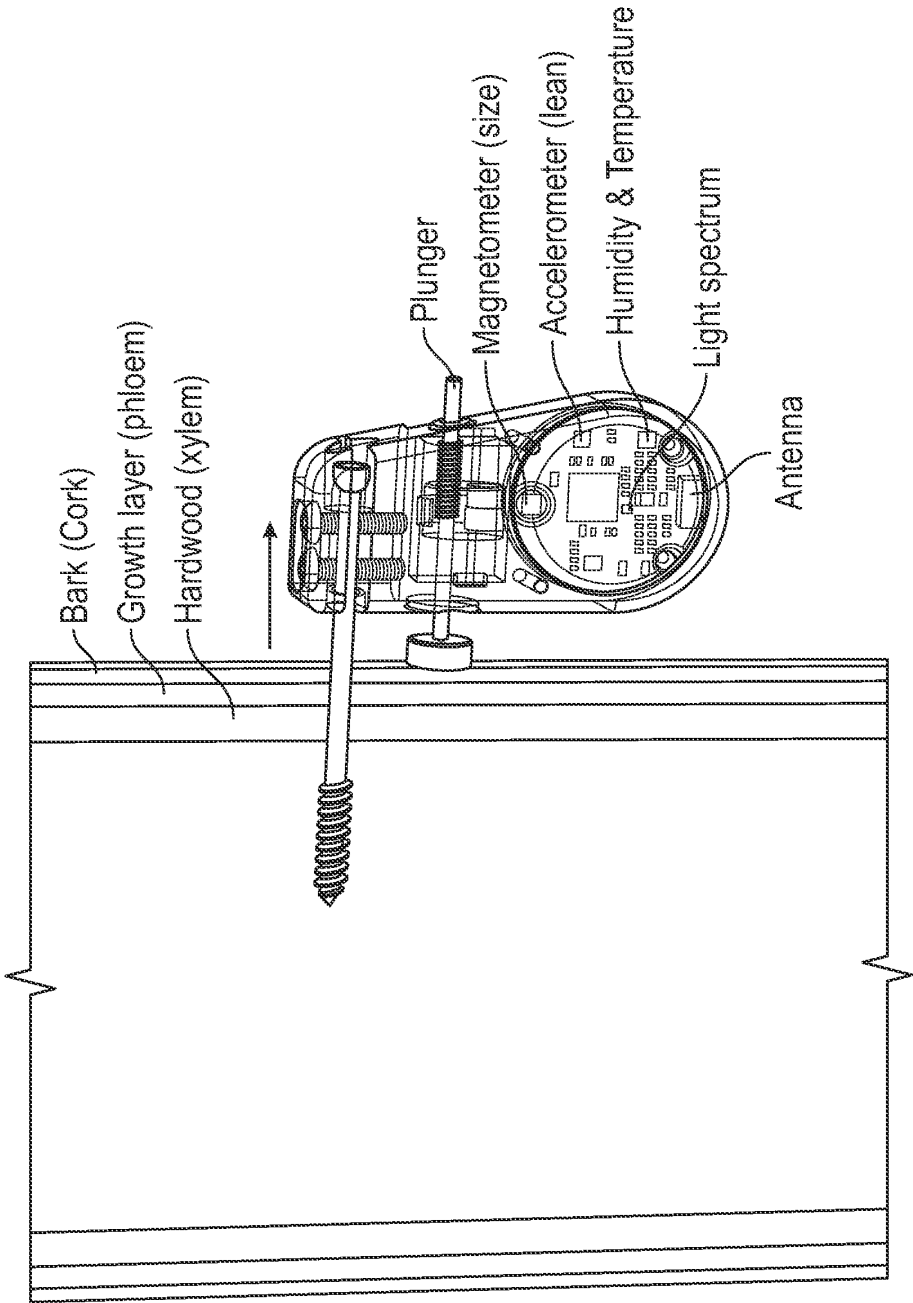


FIG. 9B

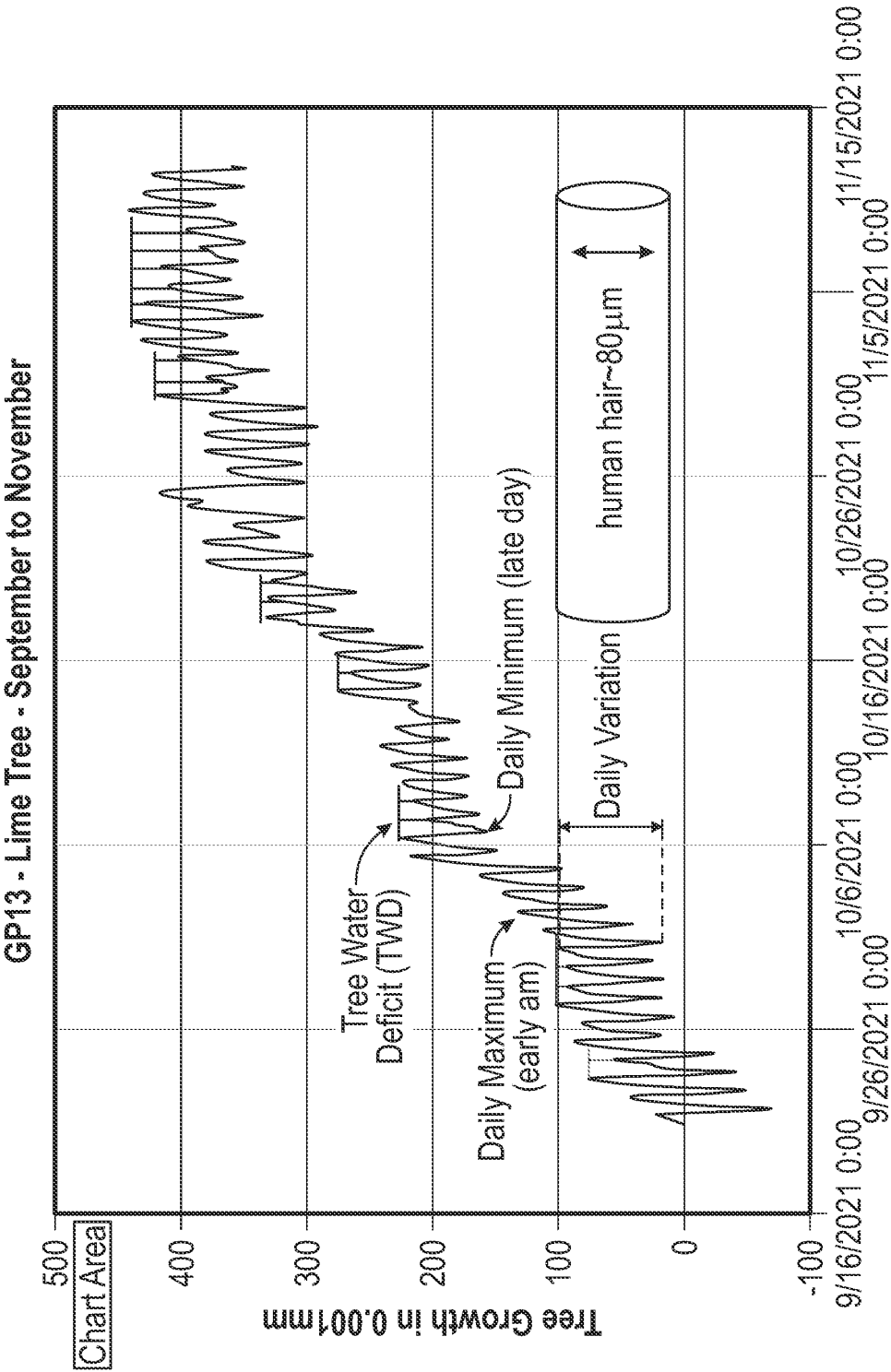
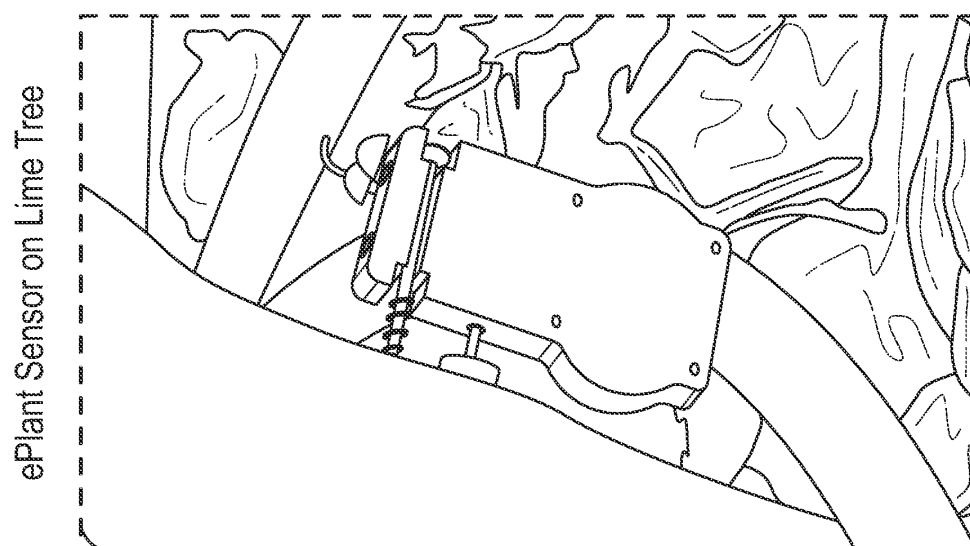


FIG. 10

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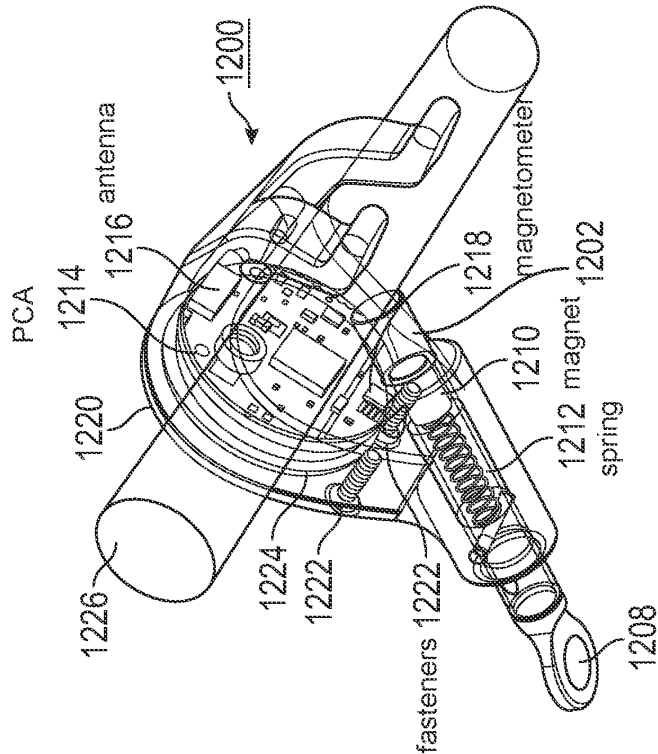


FIG. 12B

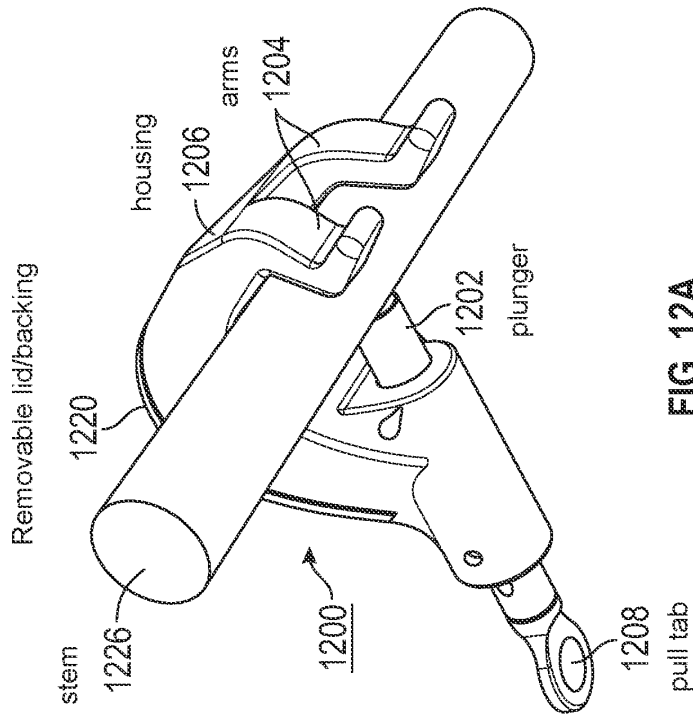


FIG. 12A

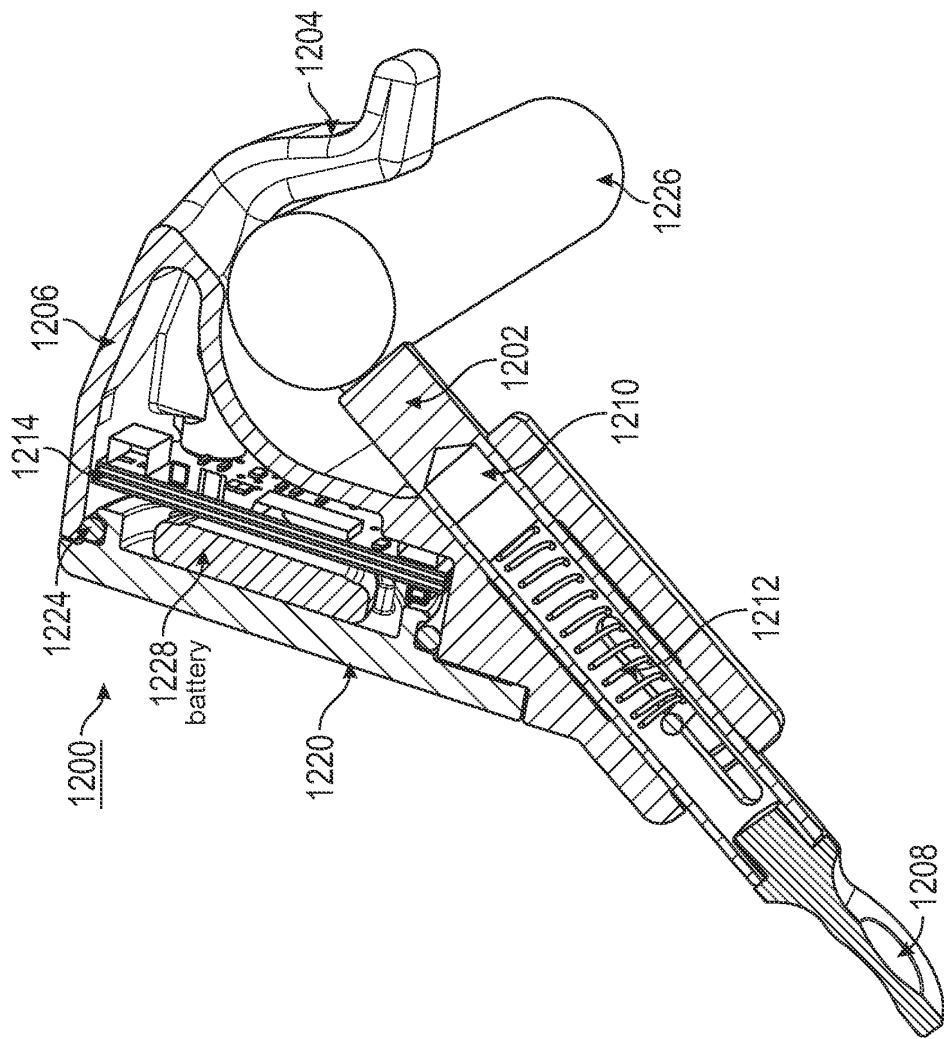


FIG. 12C

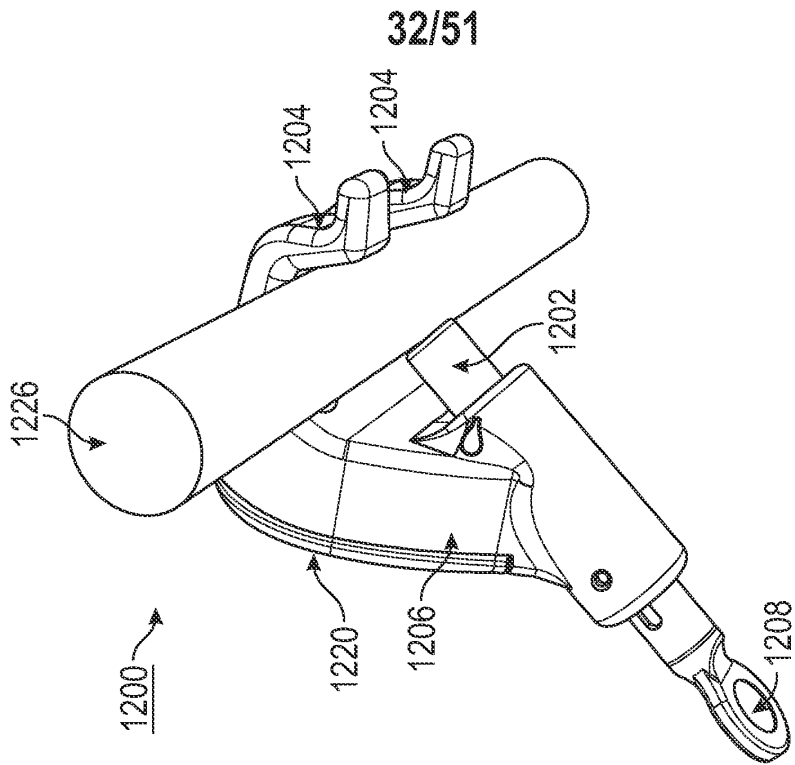


FIG. 12E

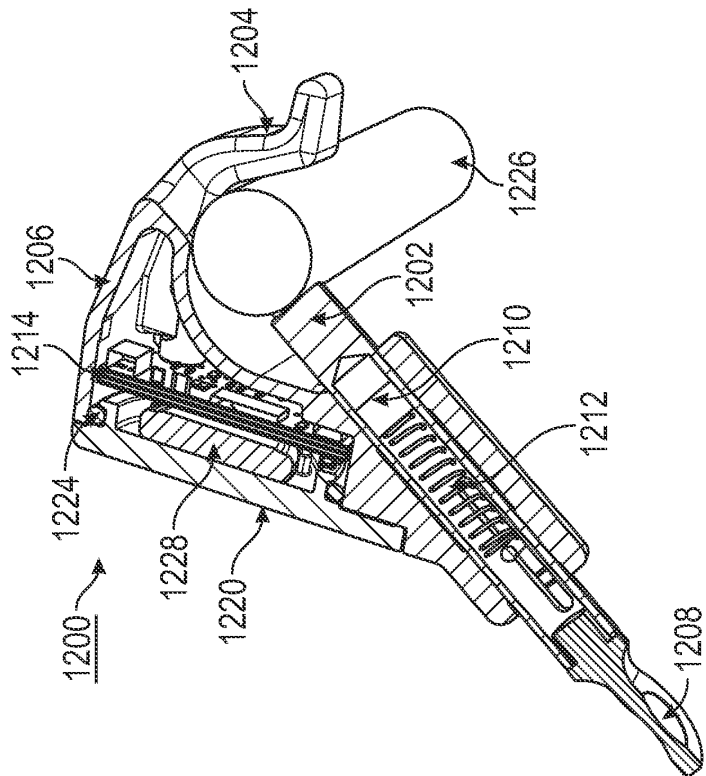


FIG. 12D

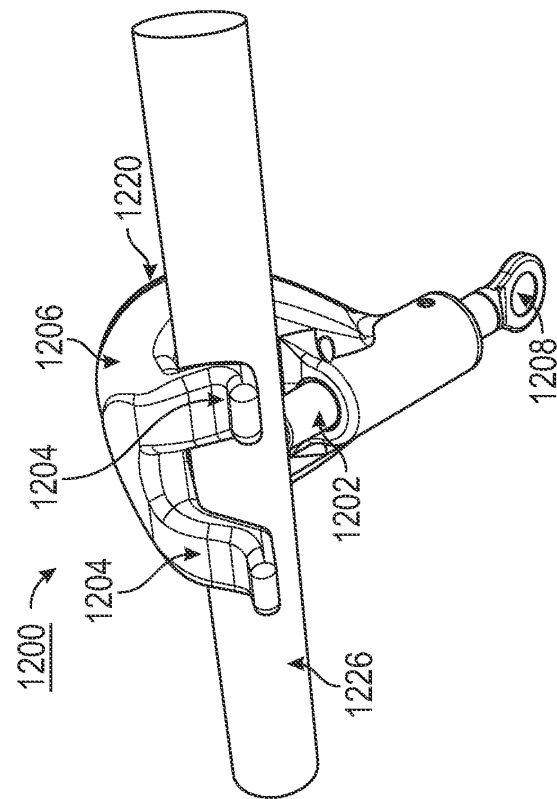


FIG. 12F

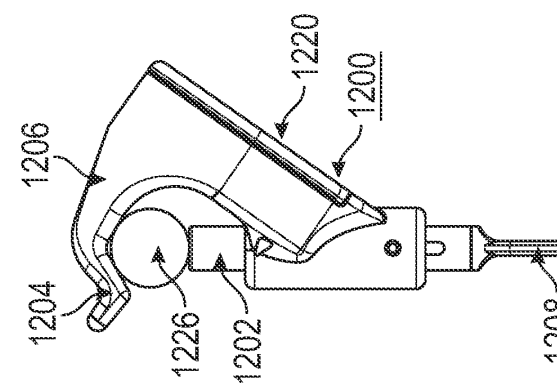


FIG. 12G

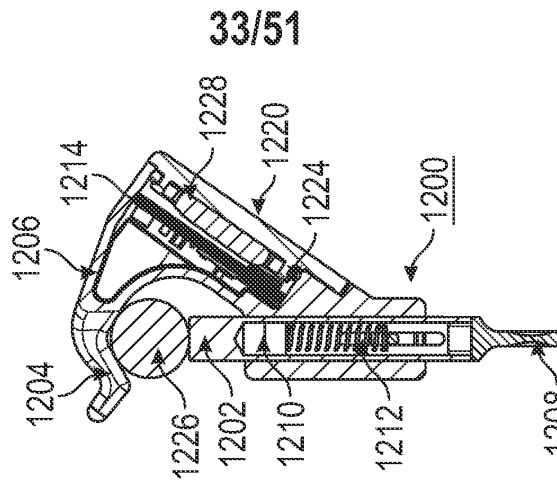
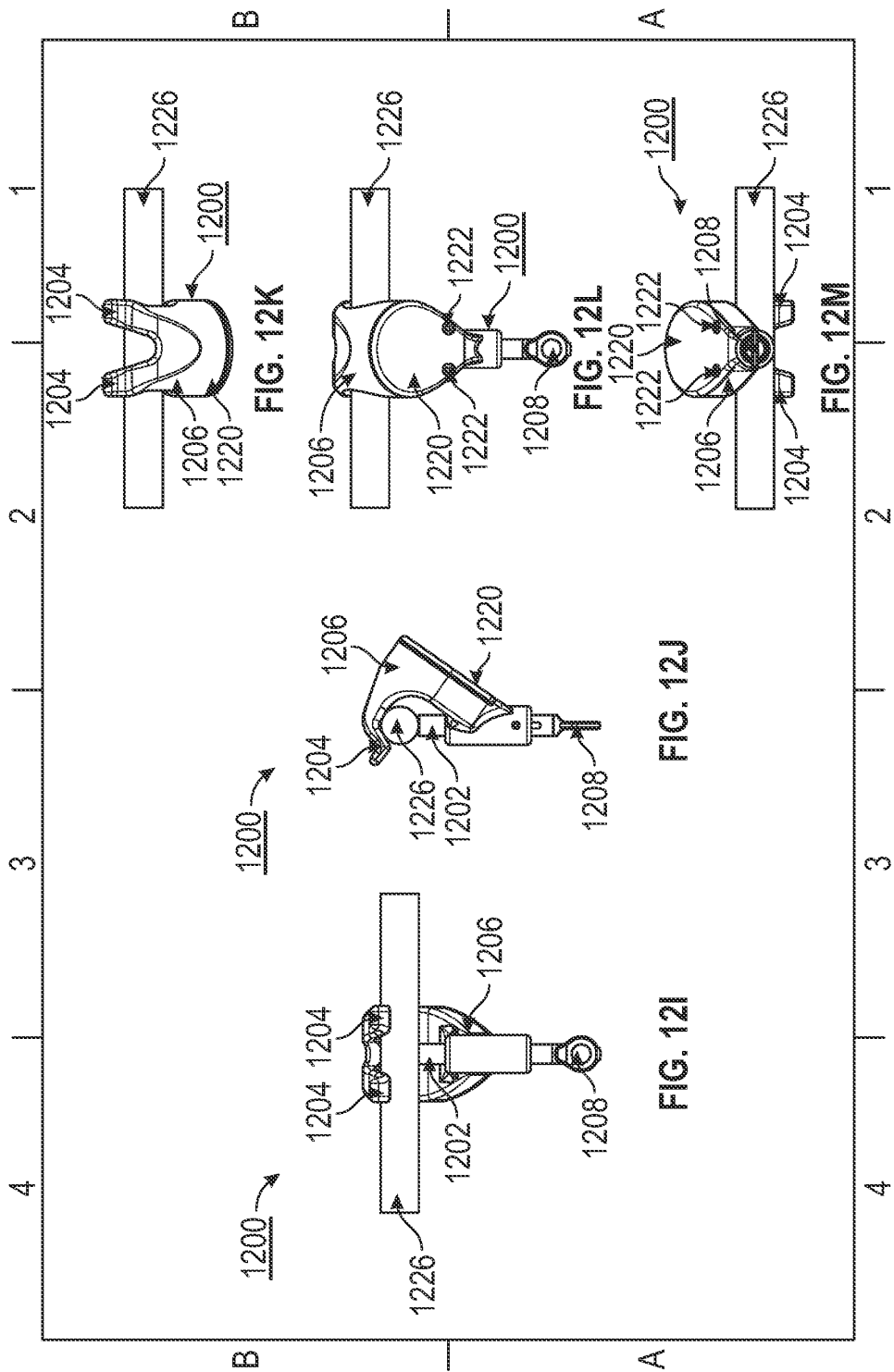


FIG. 12H

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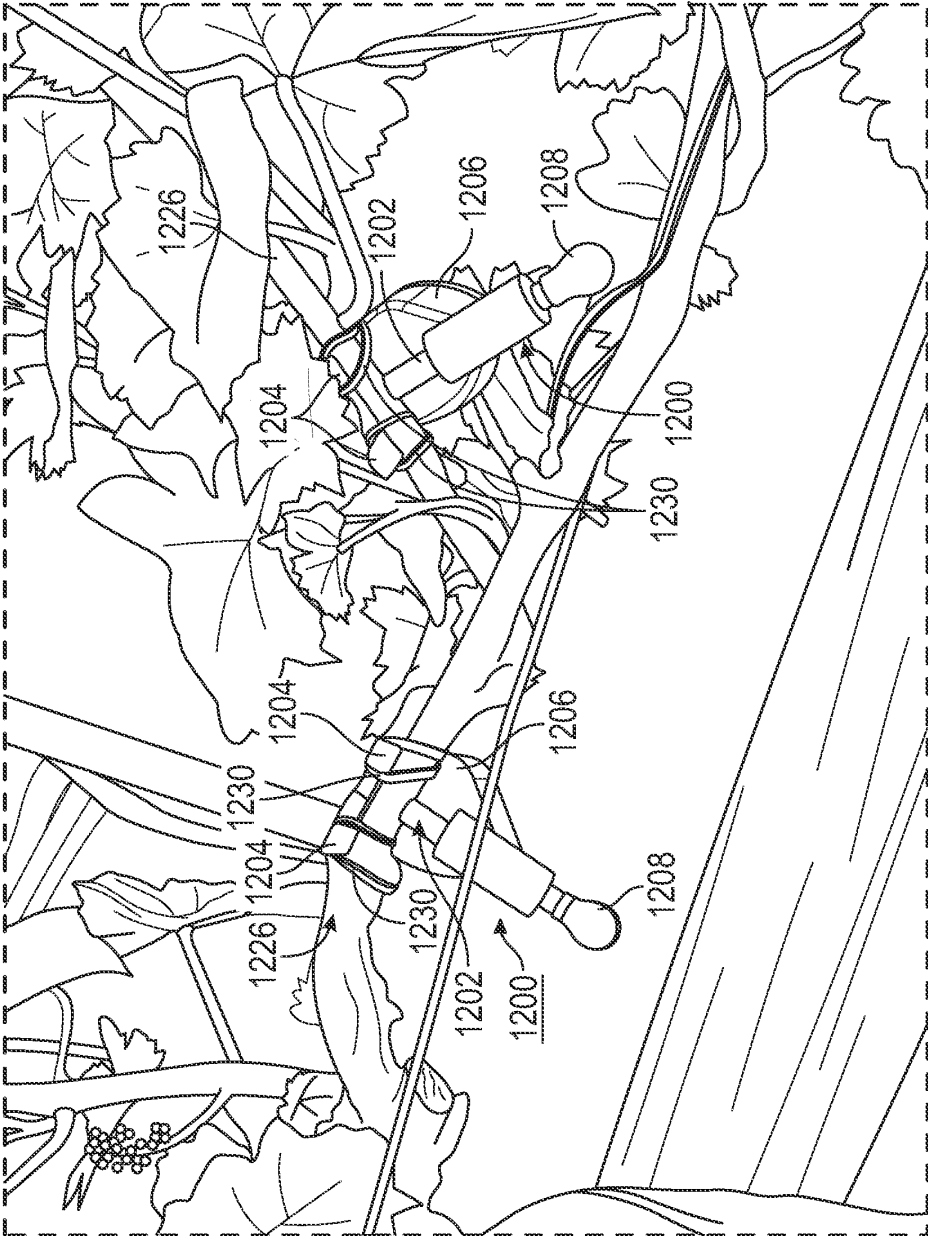


FIG. 12N

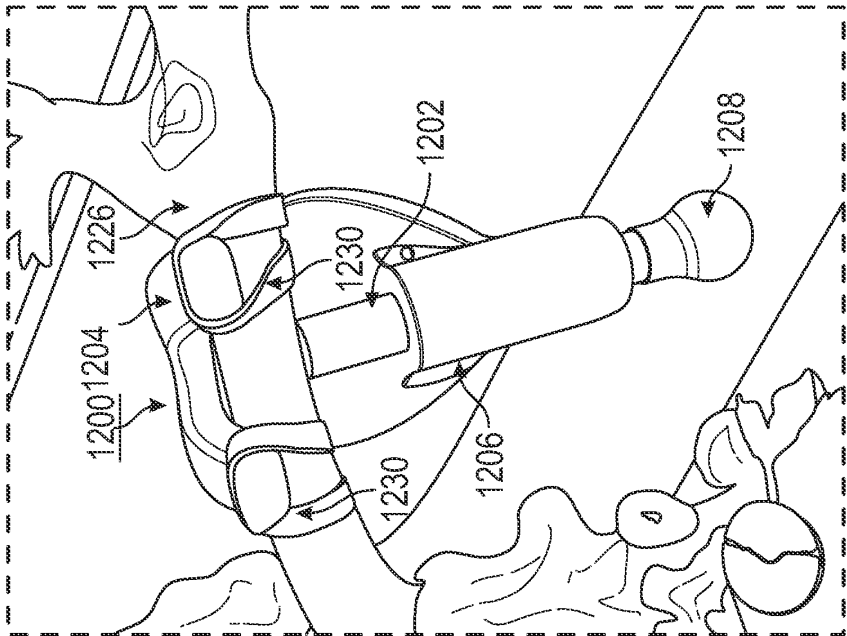


FIG. 120

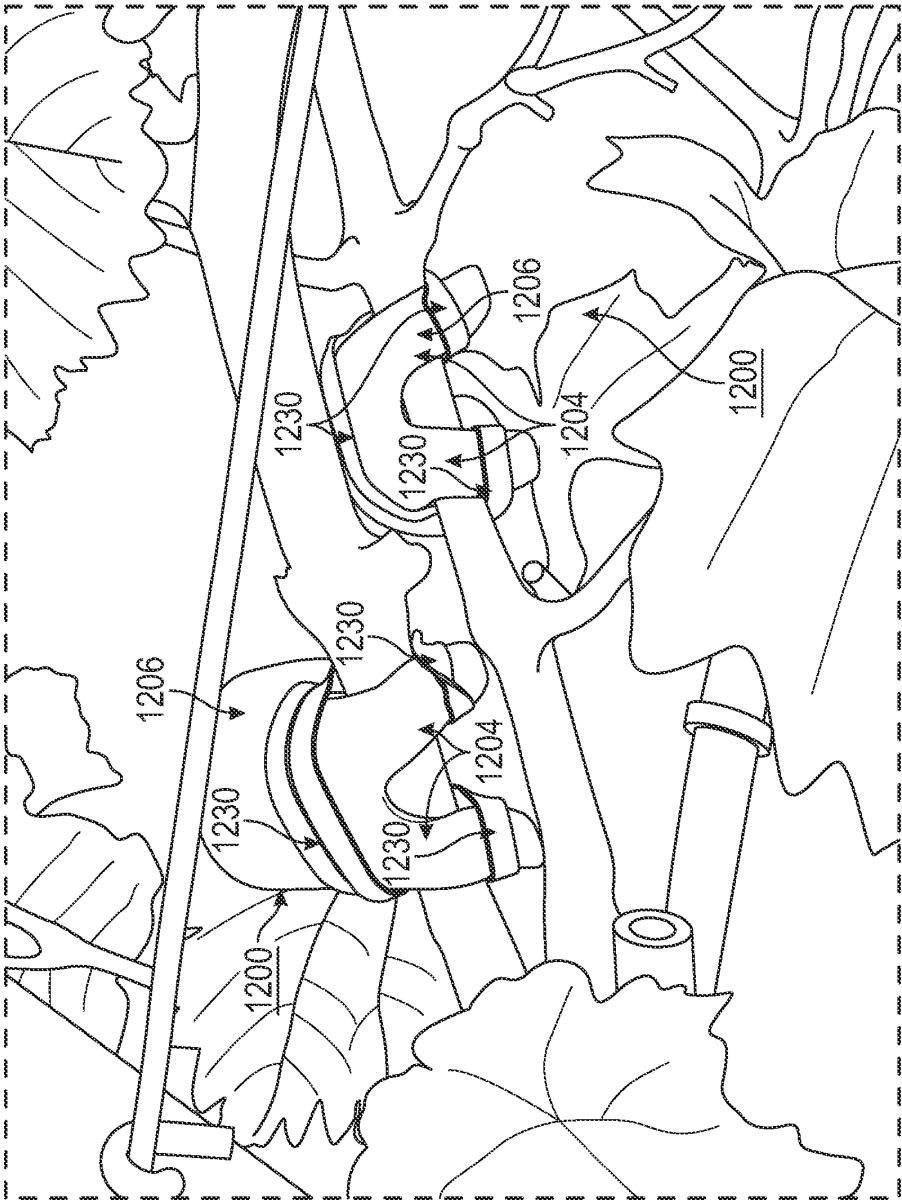
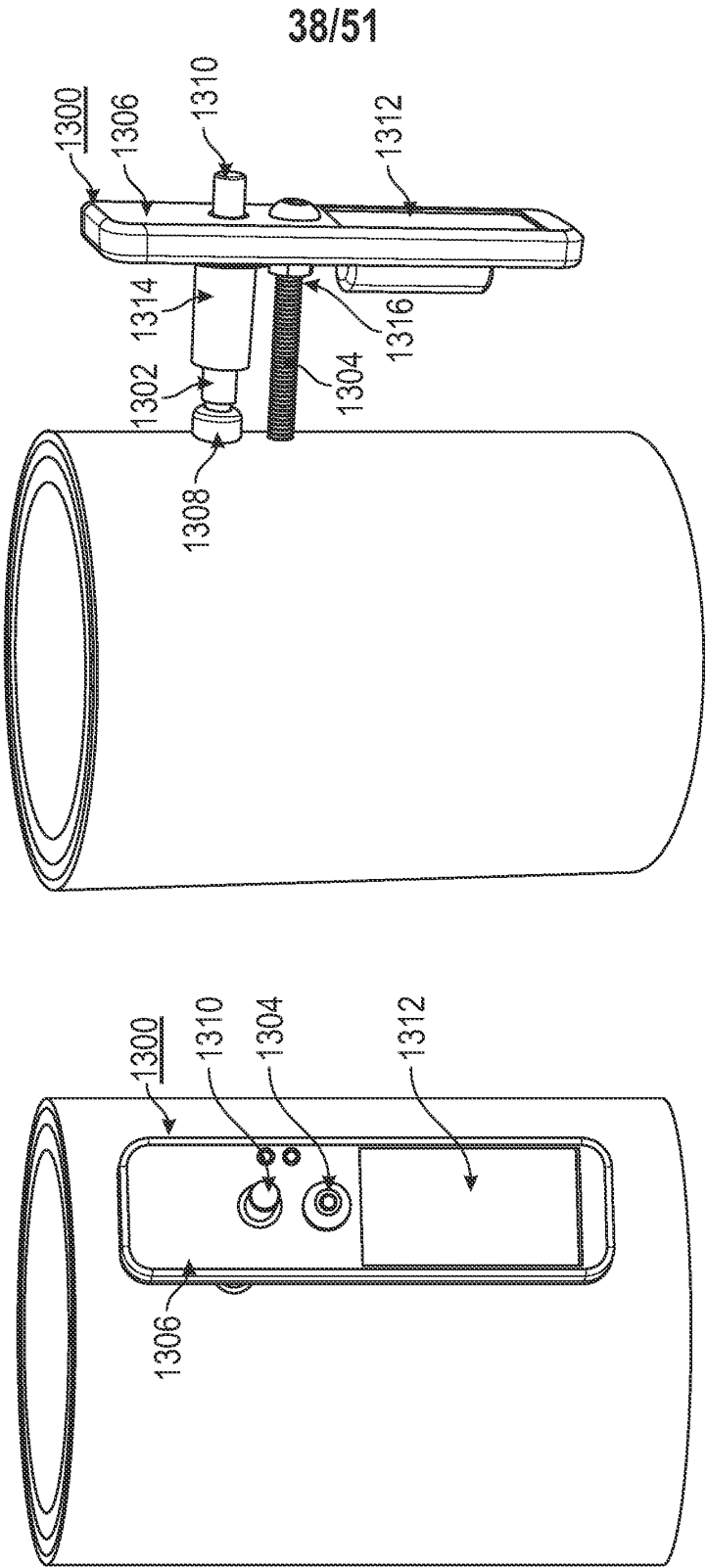


FIG. 12P



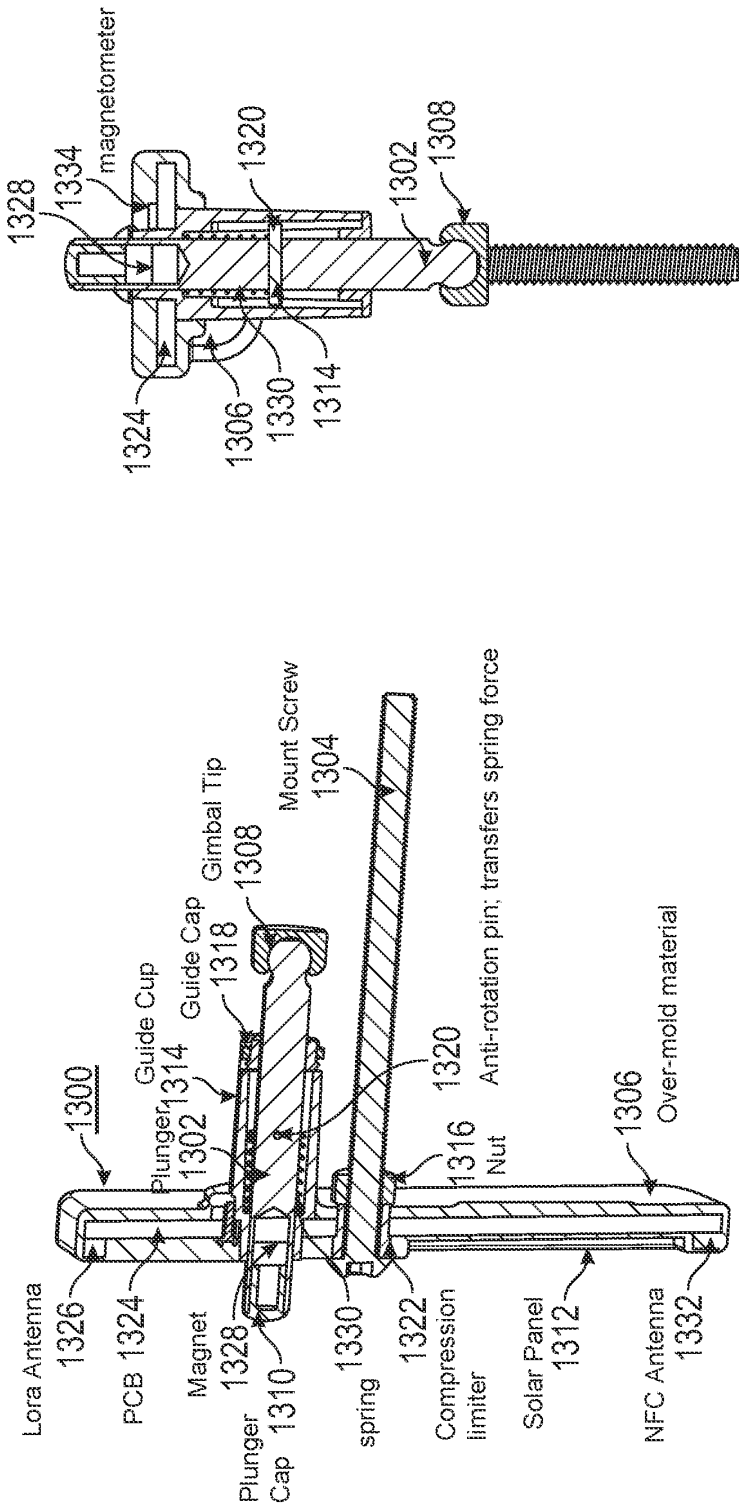


FIG. 13D

FIG. 13C

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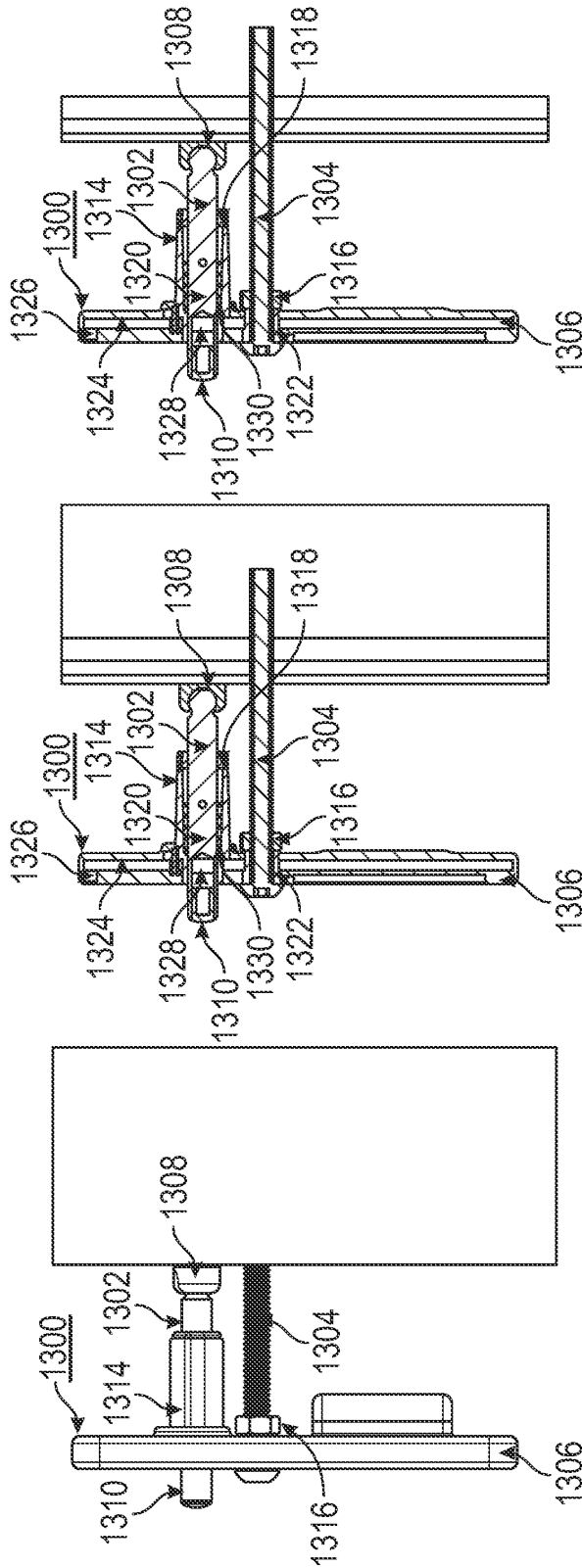


FIG. 13G

FIG. 13F

FIG. 13E

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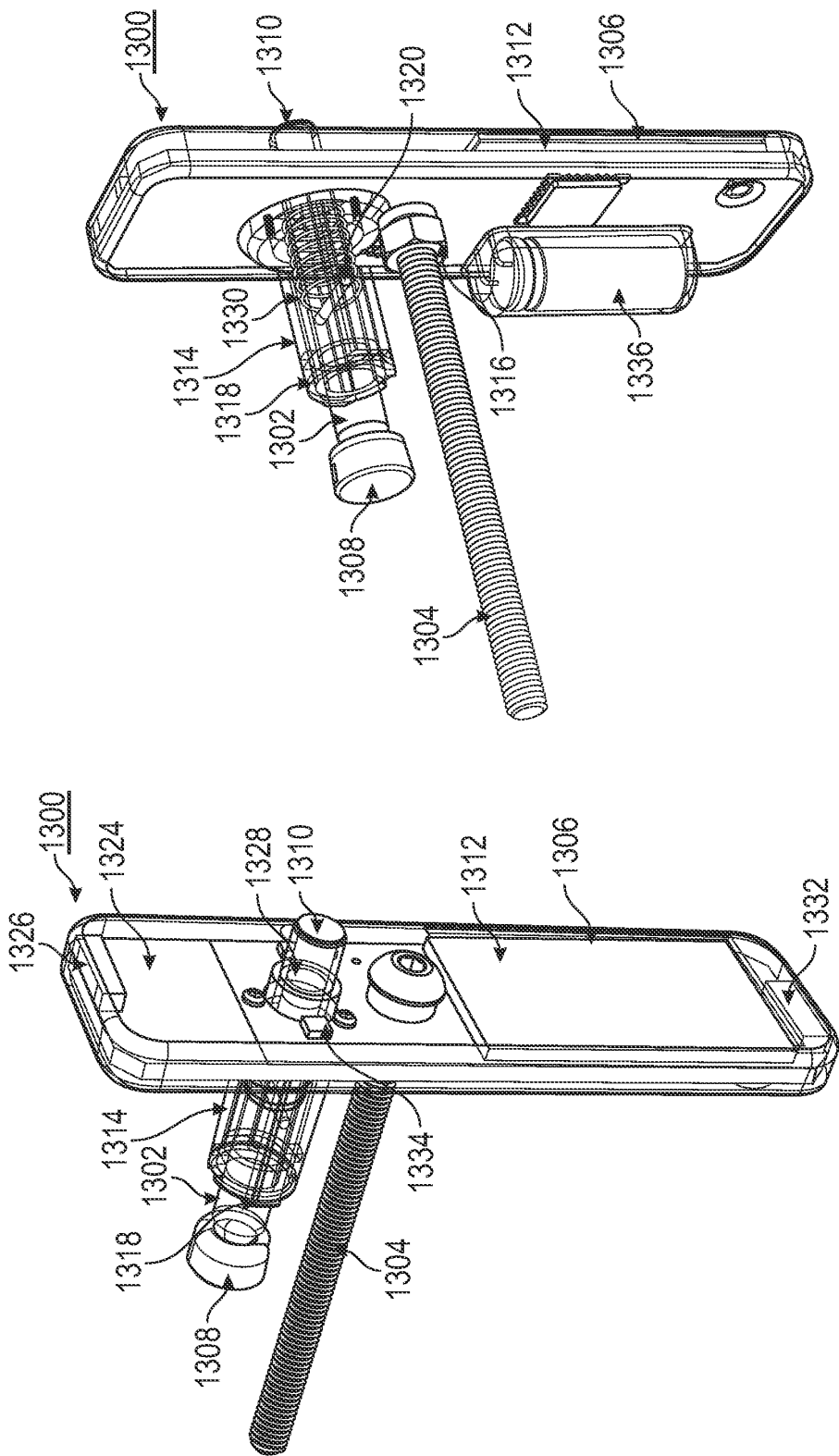
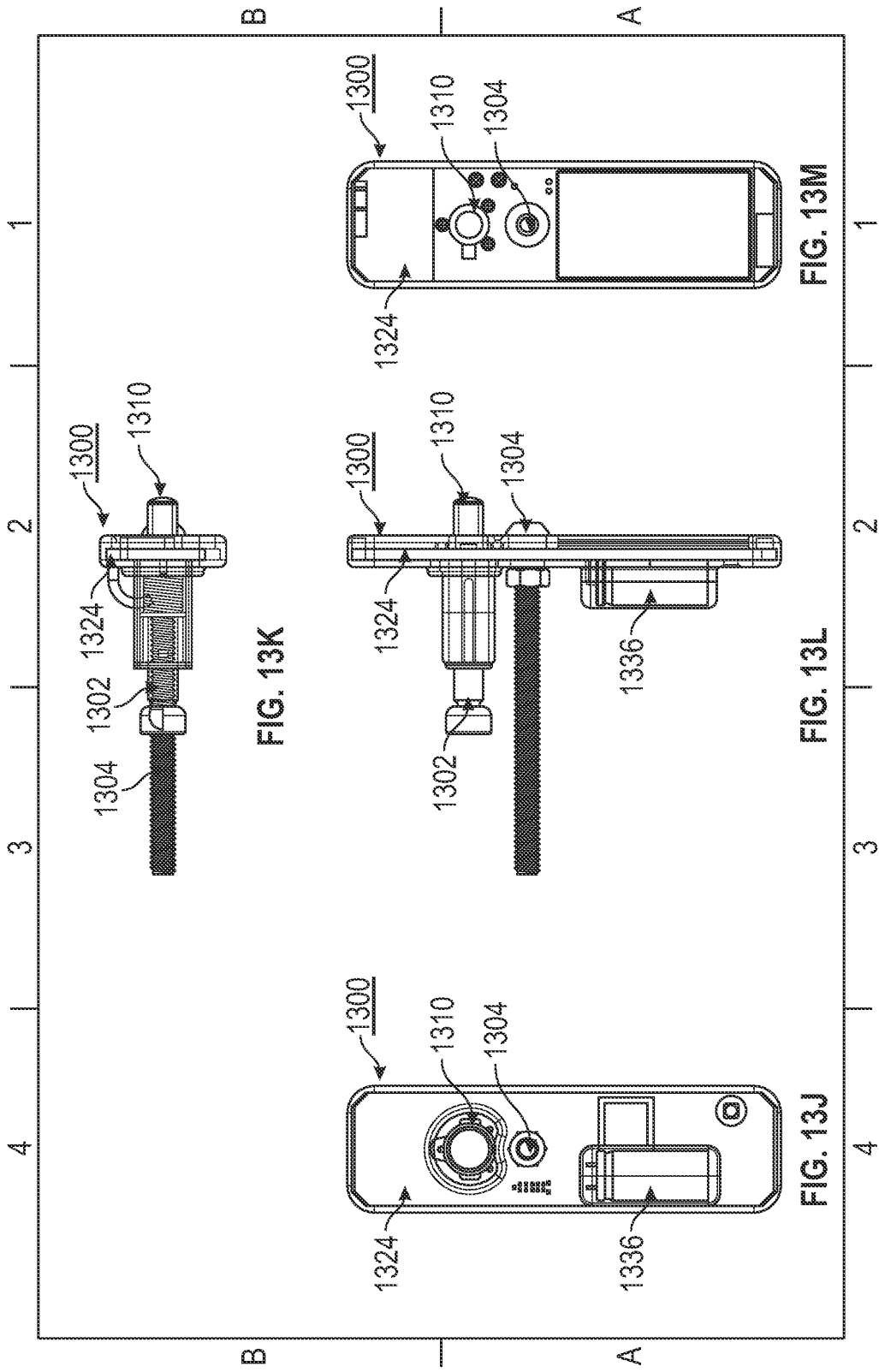


FIG. 13I

FIG. 13H

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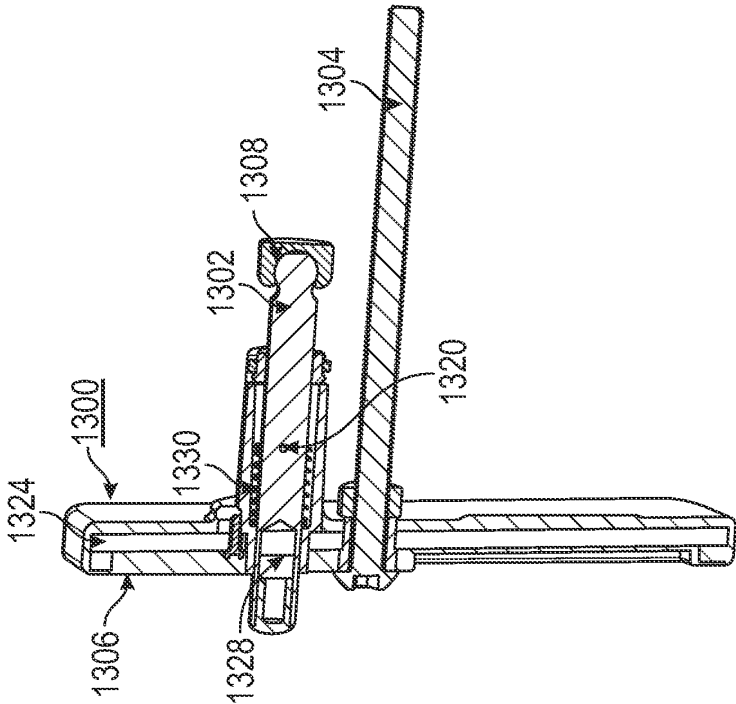


FIG. 13O

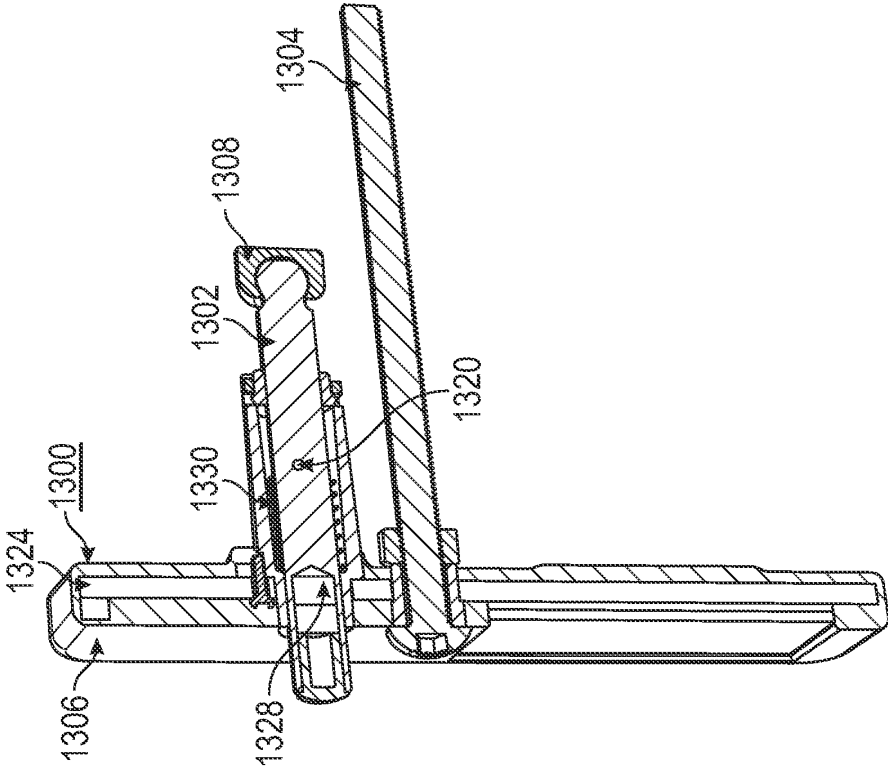


FIG. 13N

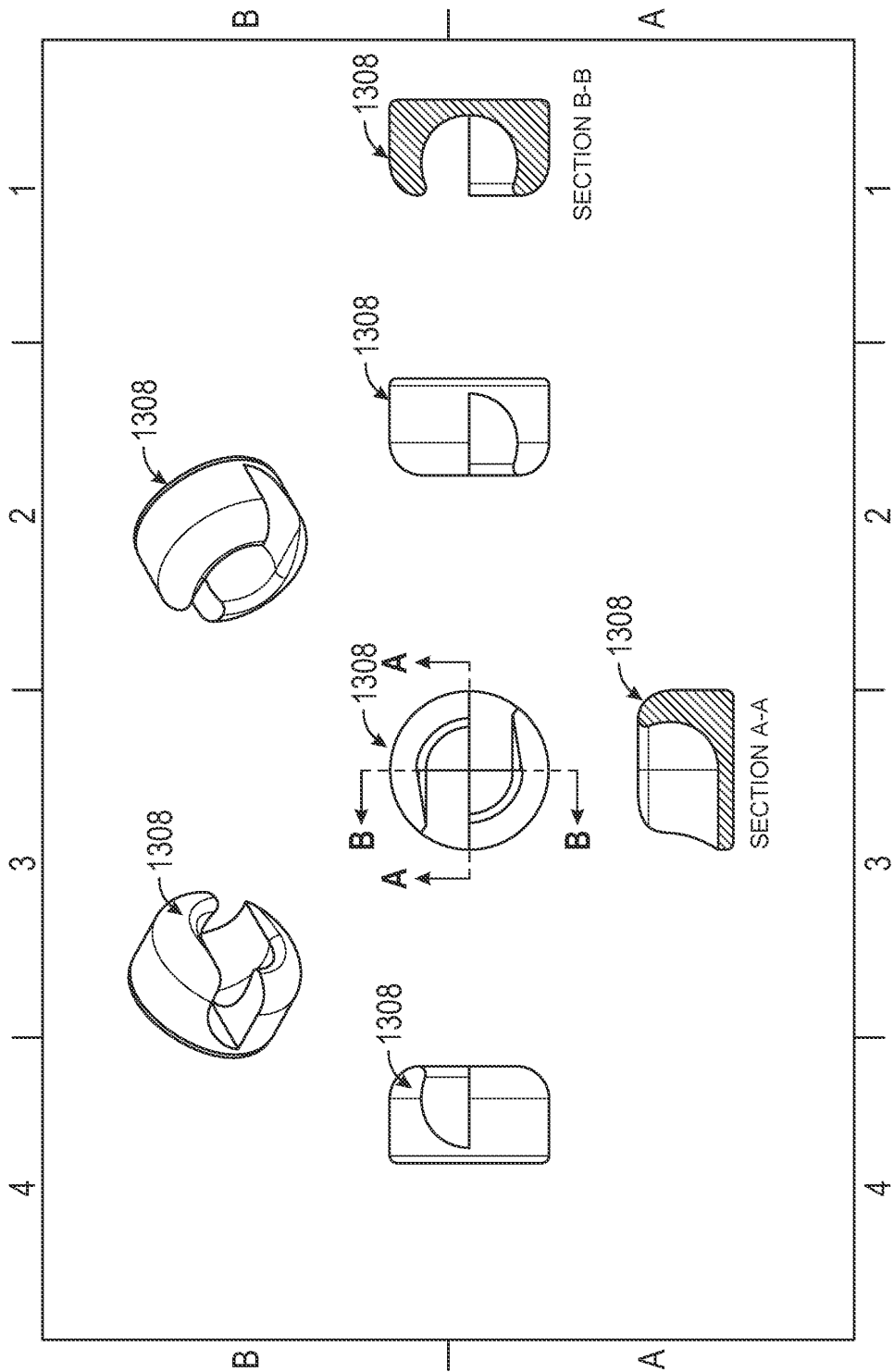


FIG. 13P

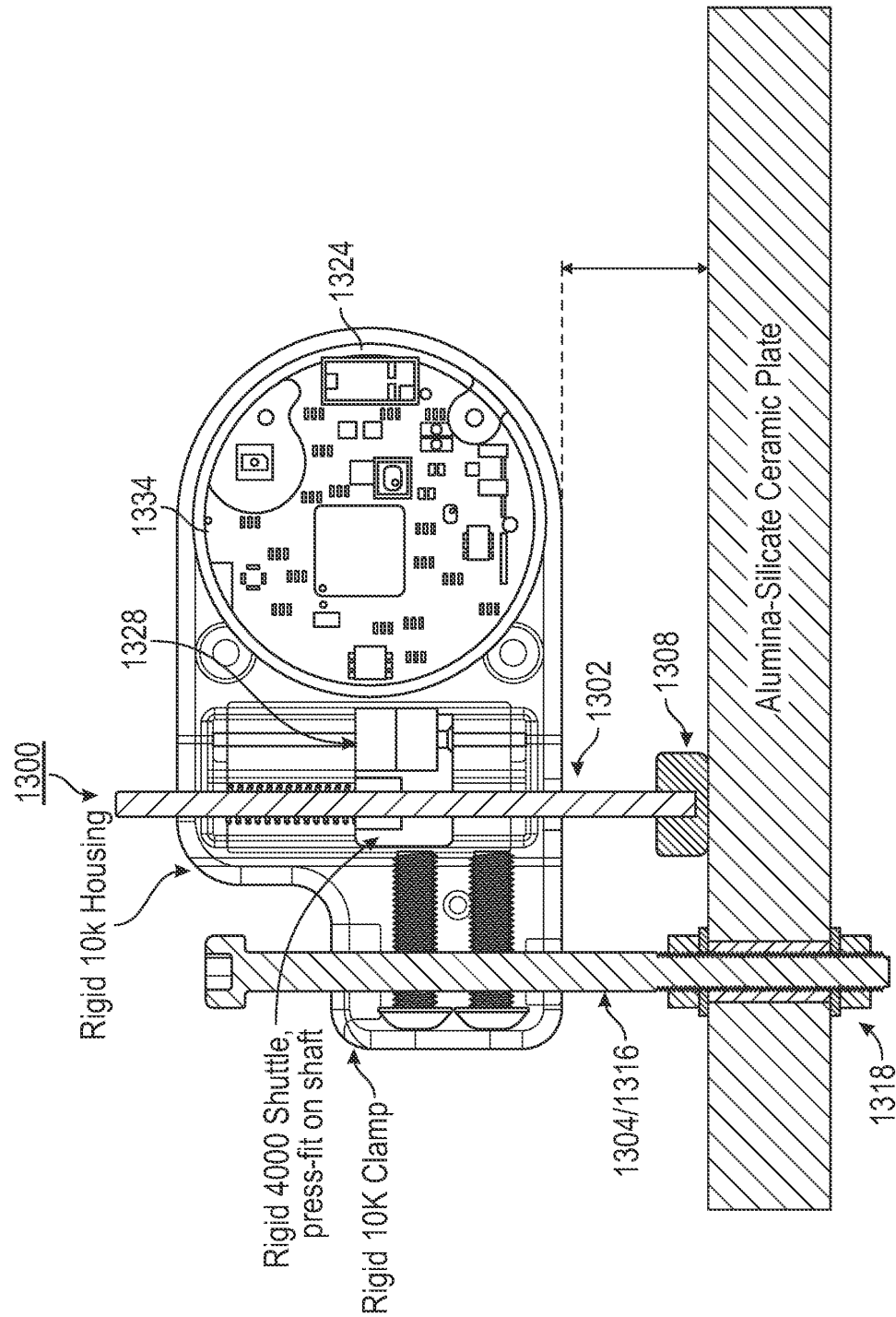


FIG. 13Q

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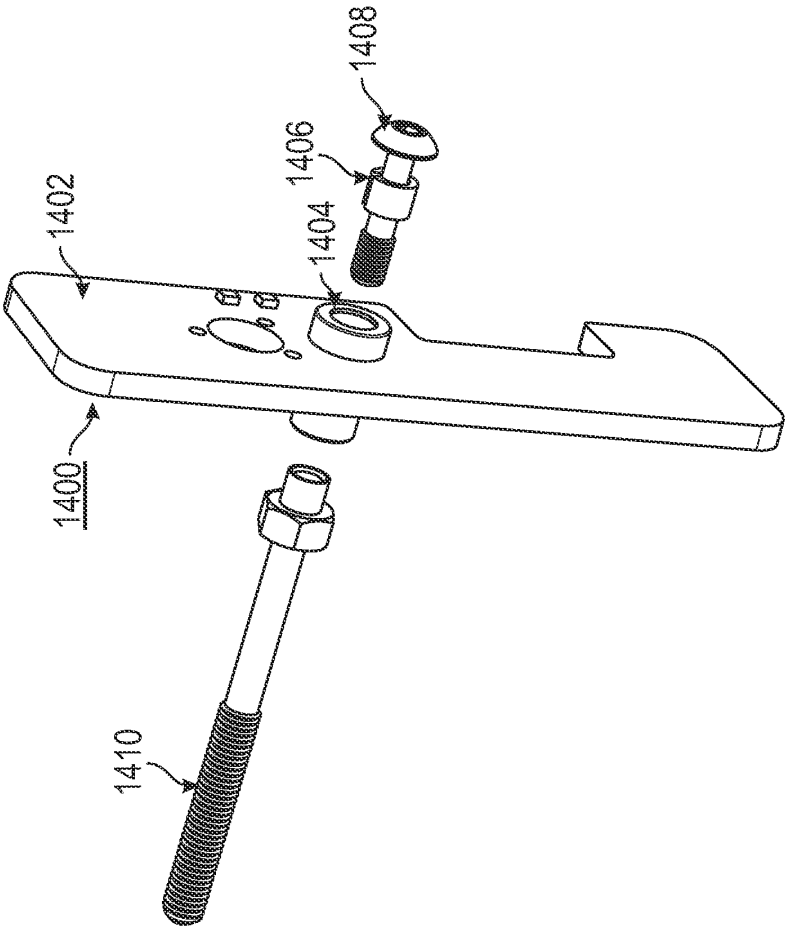


FIG. 14A

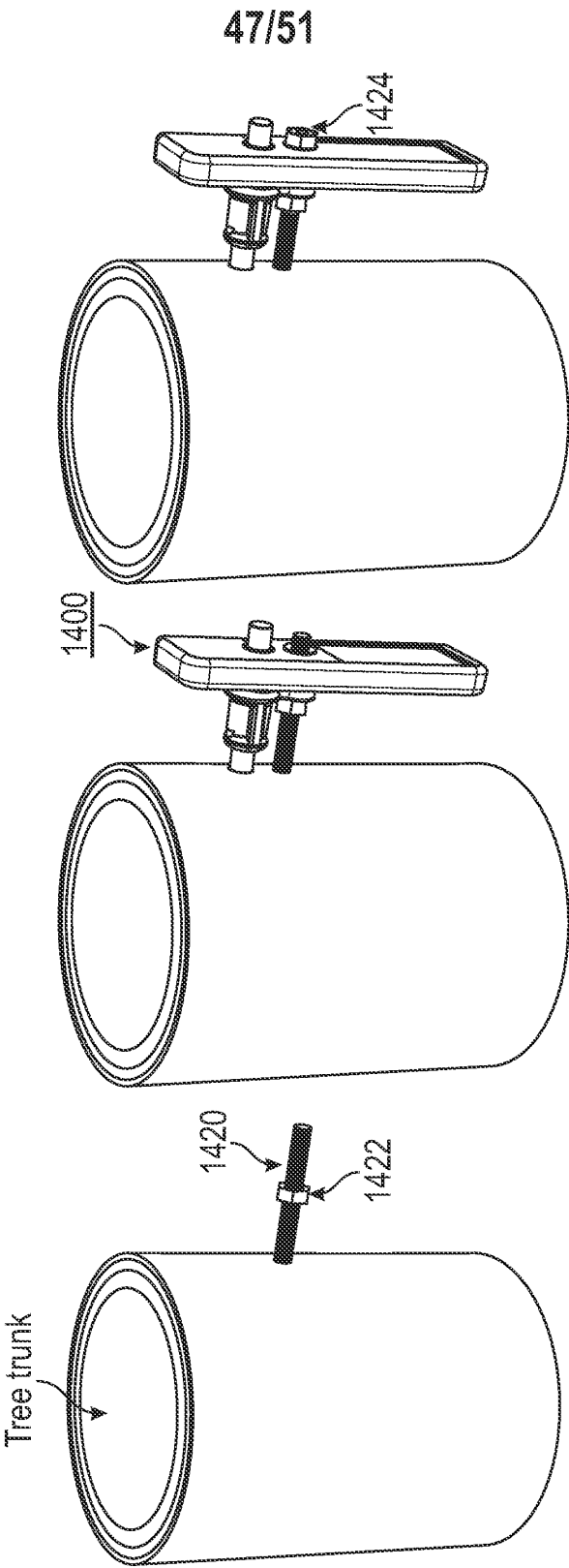


FIG. 14B

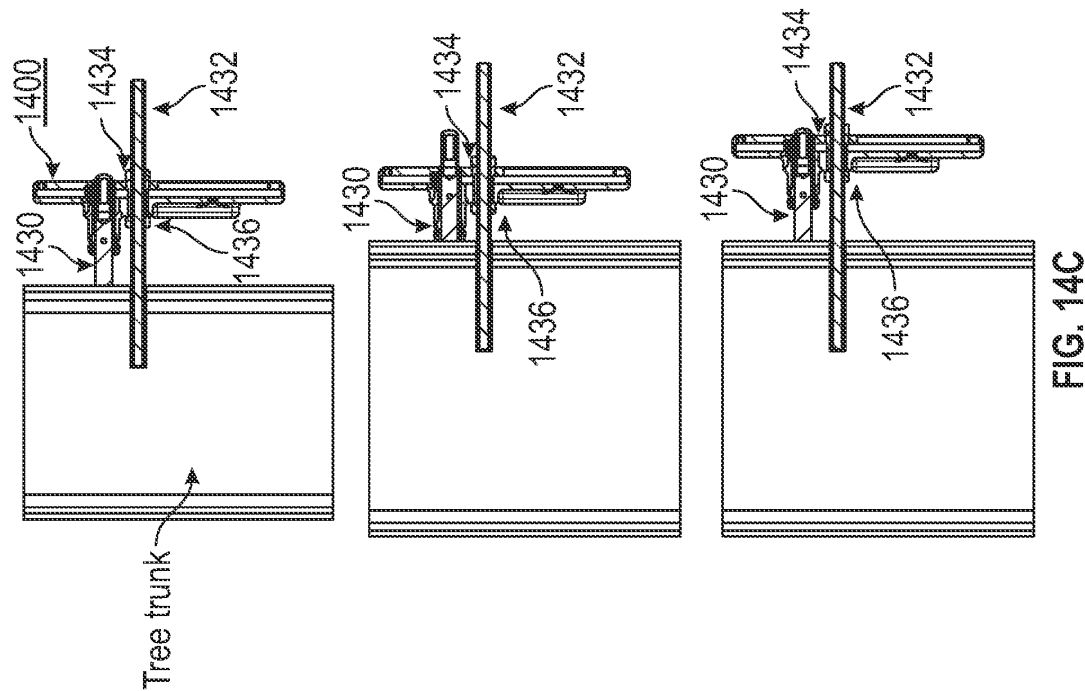


FIG. 14C

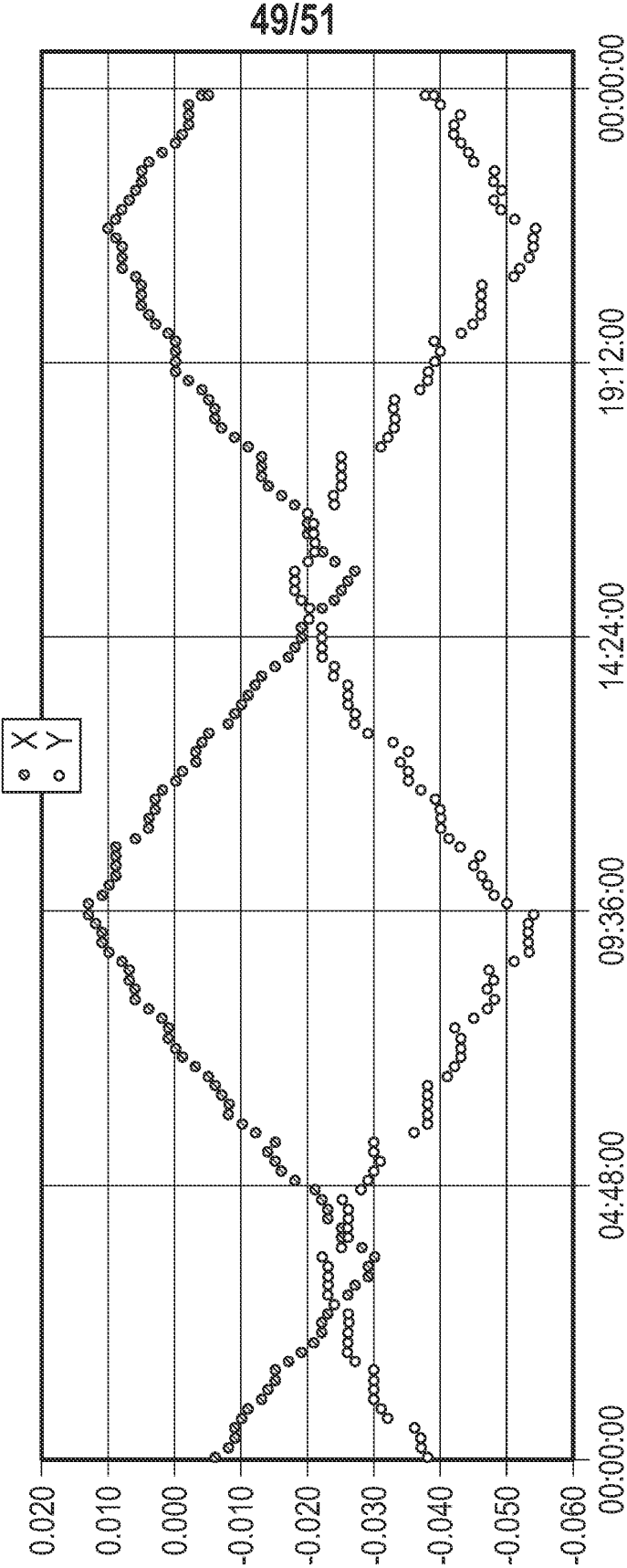


FIG. 15A

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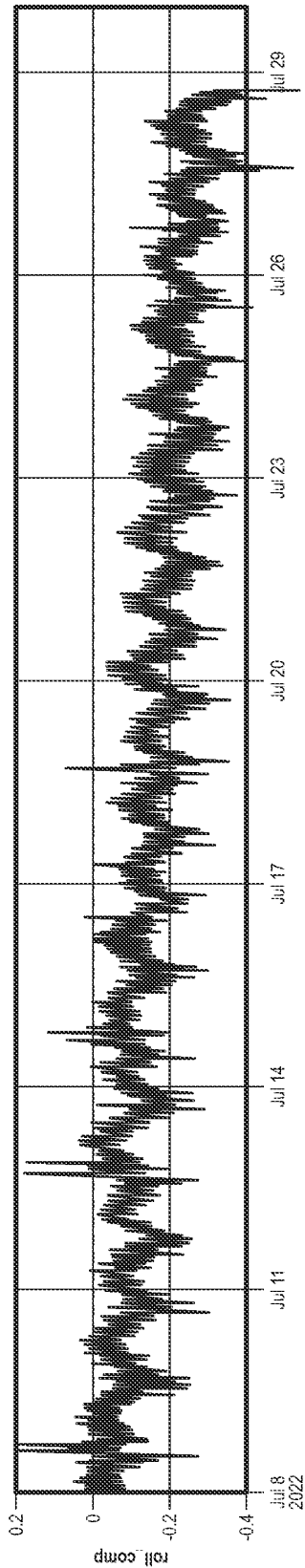
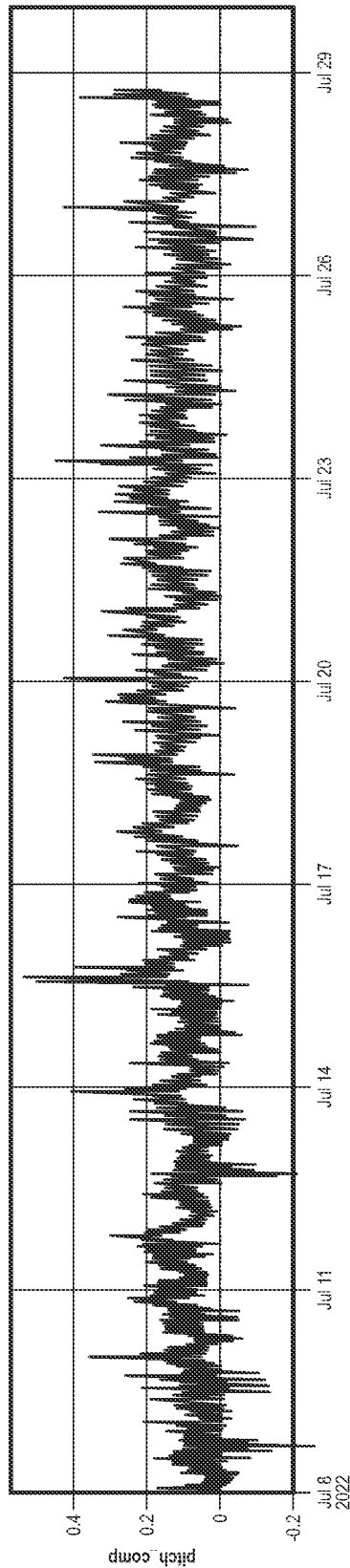


FIG. 15B

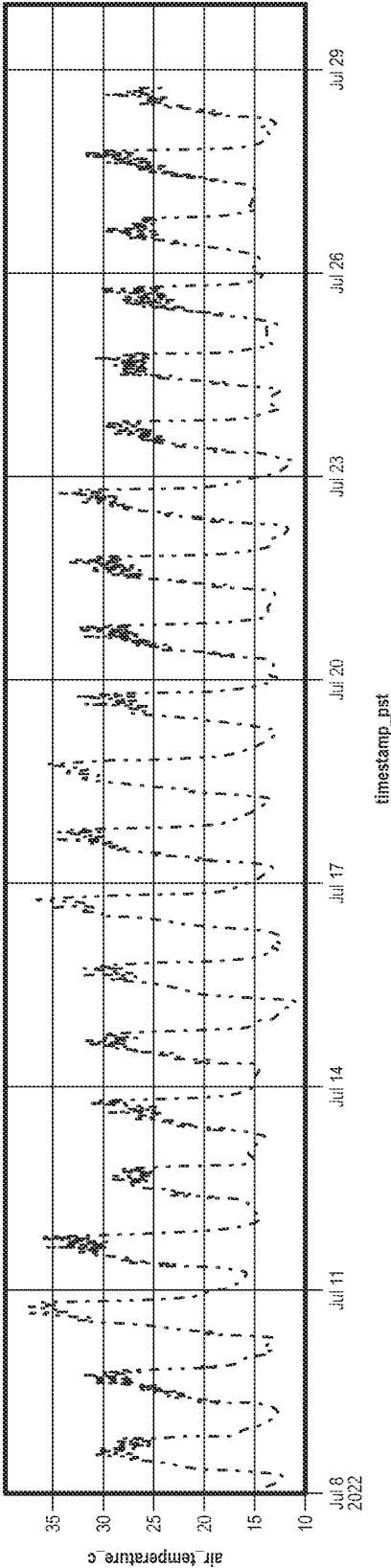


FIG. 15B (cont'd.)