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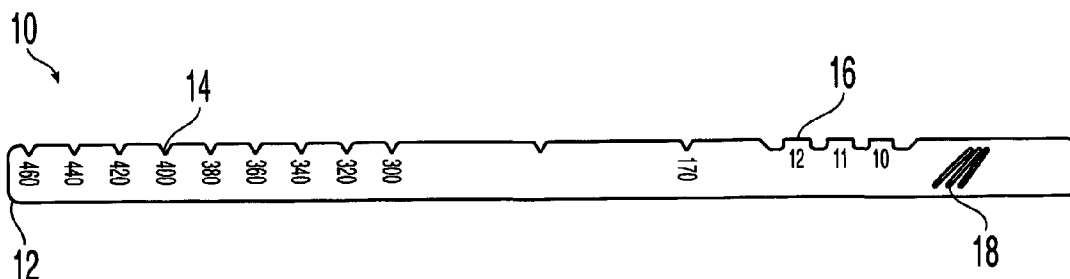
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(54) Title: ORTHOPEDIC IMPLANT INSERTION INSTRUMENTS



(57) Abstract: Orthopedic implant insertion instruments for precision guiding of a fracture fixation implant into fractured bone to promote healing are disclosed. The implant insertion instruments comprise an insertion handle for implantation of a first fixation implant, an aiming arm for precise guiding of a second fixation implant into bone, a guide sleeve for protection of soft tissue and for translational and rotational control of the second fixation implant, and a drive shaft with coupling screw for attachment to the second fixation implant and for driving the second fixation element through the aiming arm and guide sleeve into the fractured bone. The implant insertion instruments also include a soft tissue clearance device to aid the surgeon in inserting the first fixation implant into the fractured bone. Also disclosed is a measuring device that reduces measuring errors made by a user and a 15 measuring device that determines implant length, diameter, and angle of insertion.

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