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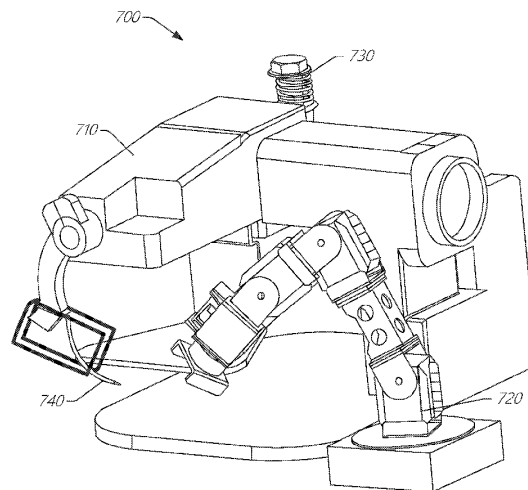


FIG. 8A

(57) Abstract: A system that can be used for suturing implants includes a first automated fixture that can comprise an articulation arm and a target device holder and a second automated fixture configured to operate as a sewing machine to sew material onto the implant. The second automated fixture uses a curved needle to form a stitch without having to release the needle in the process. The second automated fixture can also include a stitch loop that moves in coordination with the curved needle to perform a single-suture or single-thread stitch.

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