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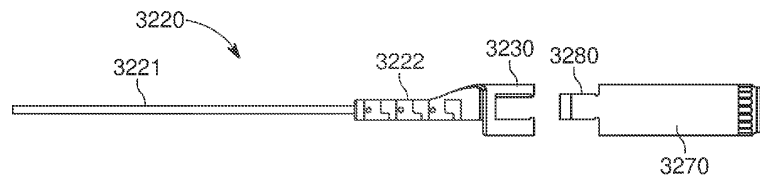


FIG. 21A

(57) Abstract: Some implementations of the disclosure are directed to detachable endoscope shafts assemblies including detachable endoscope shafts. In one implementation, an endoscope assembly comprises: an endoscope housing comprising a distal connector including first circuitry configured to receive one or more image signals or supply power from the endoscope housing; and a detachable endoscope shaft comprising: a distal segment configured to be inserted in a patient cavity; an attachment segment proximal to the distal segment, the attachment segment configured to be removably coupled to an instrument or adapter; and a proximal connector configured to removably and electrically couple to the distal connector, the proximal connector including second circuitry configured to electrically couple to the first circuitry.



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