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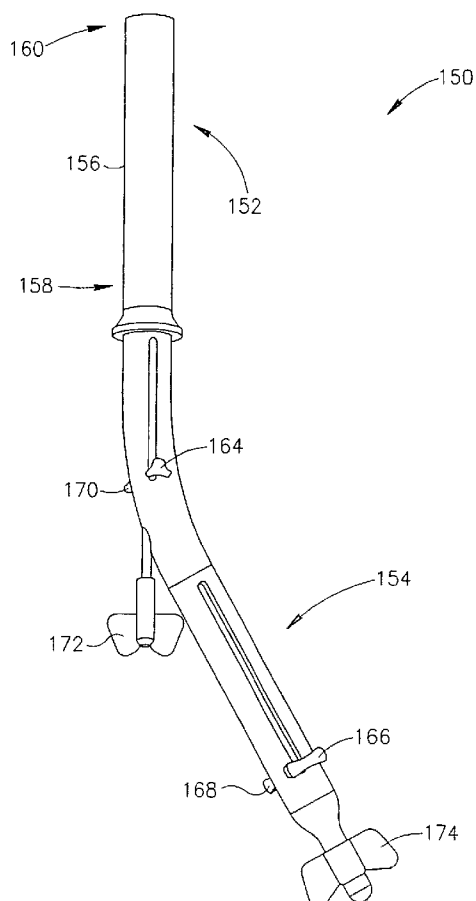
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(54) Title: IMPROVED INTUSSUSCEPTION AND ANASTOMOSIS APPARATUS



(57) Abstract: Apparatus for intratubular intussusception and anastomosis of a hollow organ portion including a cylindrical enclosure, coaxial intratubular intussusception device, for intussusception and clamping means. The apparatus also includes an intratubular anastomosis apparatus for joining organ portions after intussusception thereof with an anastomosis ring and crimping support element. The ring is formed of a shape memory alloy wire, for crimping adjacent organ portions against the crimping support element so as to cause anastomosis therebetween. The ring assumes a plastic or malleable state, at a lower temperature and an elastic state at a higher temperature. The apparatus further includes the crimping support element for intratubular insertion so as to provide a support for crimping the organ portions against the support element. The apparatus additionally includes a surgical excising means, for excising an intussuscepted organ portion, after crimping adjacent intussuscepted organ walls against the crimping support element with the anastomosis ring.



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