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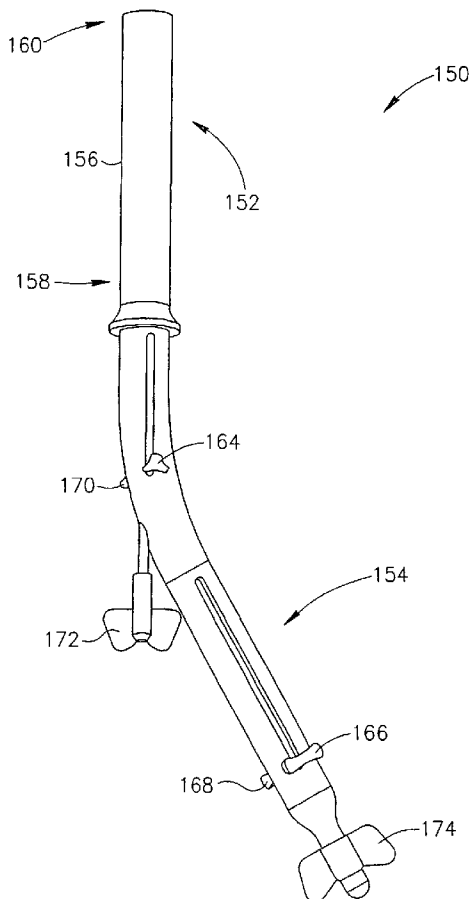
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(54) Title: **IMPROVED INTUSSUSCEPTION AND ANASTOMOSIS APPARATUS**



(57) Abstract: Apparatus (200) for intratubular intussusception and anastomosis of a hollow organ portion includes a cylindrical enclosure (202) and a coaxial intratubular intussusception device (208), and a clamping means (218, 220). The apparatus also includes an intratubular anastomosis apparatus (216) for joining organ portions after intussusception thereof with an anastomosis ring (212) and a crimping support element (214). The ring (212) is formed of a shape memory alloy wire for crimping adjacent organ portions against the crimping support element (214) so as to cause anastomosis therebetween. The ring (212) assumes a plastic or malleable state, at a lower temperature and an elastic state at a higher temperature. The apparatus (200) additionally includes a surgical excising means (234) for excising an intussuscepted organ portion, after crimping adjacent intussuscepted organ walls against the crimping support element (214) with the anastomosis ring (212).



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