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(54) **Title**: WELL SCREEN ASSEMBLY WITH MULTI-GAGE WIRE WRAPPED LAYER

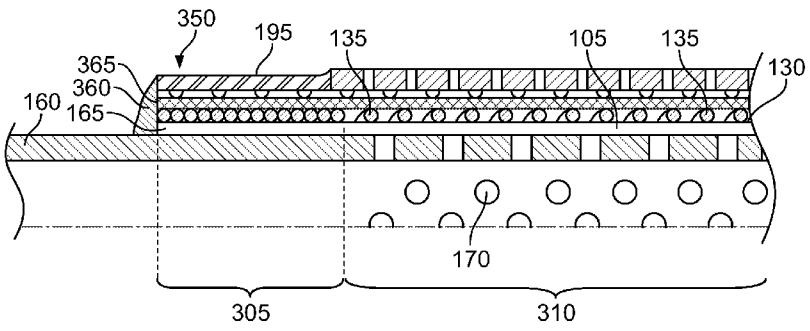


FIG. 4

(57) **Abstract**: A well screen assembly 12 includes an elongate base pipe 160 and a wire wrap layer 130. The wire wrap layer includes a wire 135 wrapped around support ribs 105. The wire wrap layer has an axial end section 305 wrapped at a first gage and an intermediate section 310 wrapped at a second, larger gage. A mesh layer is provided around the wire wrap layer. An outer shroud 195 is provided around the mesh layer, the outer shroud sealed to the wire wrap layer.

WO 2010/118143 A1