

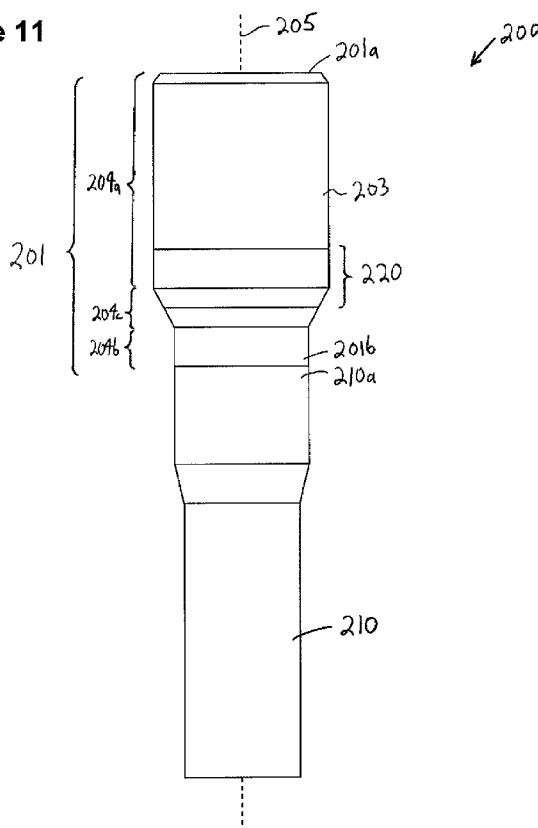


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[Continued on next page]

- (54) Title: CASING FRIENDLY, SHEARABLE HARDBANDS AND SYSTEMS AND METHODS FOR SHEARING SAME

Figure 11



(57) Abstract: A tool joint comprises a body having a central axis, a first end, and a second end opposite the first end, wherein the body is made of a first material having a first hardness. In addition, the tool joint comprises an annular hardband disposed about the body. The hardband is made of a second material. The second material comprises a base material and a plurality of discrete pellets dispersed throughout the base material. The base material has a second hardness and the pellets have a third hardness. The second hardness is substantially the same as the first hardness. The third hardness is greater than the second hardness and less than the hardness of tungsten carbide.



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