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[Continued on next page]

(54) Title: MALE BAYONET CONNECTOR

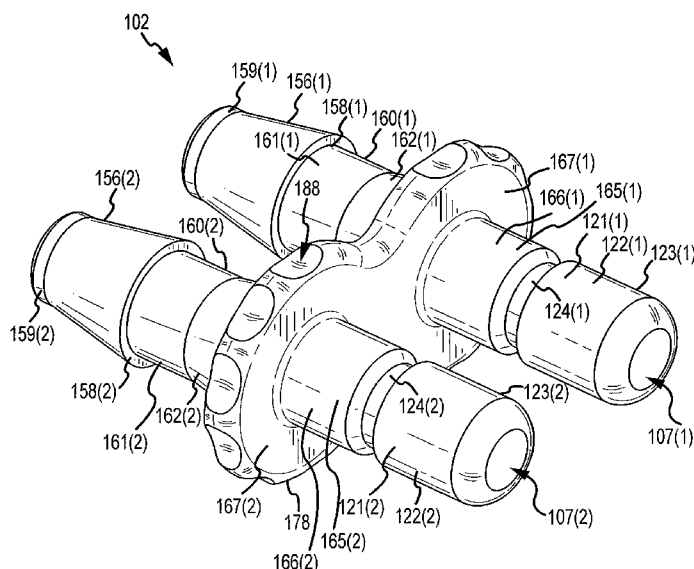


FIG. 2

(57) Abstract: A male bayonet connector connects a section of tubing to a female latch connector. The male bayonet connector includes a shaft defining a lumen, a distal end portion, and a proximal end portion. The distal end portion of the shaft has a sealing surface configured to engage a seal member within the female latch connector to create a fluid-tight seal. The shaft defines an annular recess proximal to and adjacent the distal end portion. The annular recess has a proximal chamfered sidewall and a distal sidewall perpendicular to the axis of the lumen, which are separated by a band of smaller diameter than the sealing surface. A grip is formed on the male bayonet connector between the proximal end portion and the annular recess. A ratio of a length of the first sealing surface to a distance between the grip and the distal sidewall is such that a side load force, as imparted on the male bayonet connector, will not break a fluid tight seal between the sealing surface and the seal member.



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