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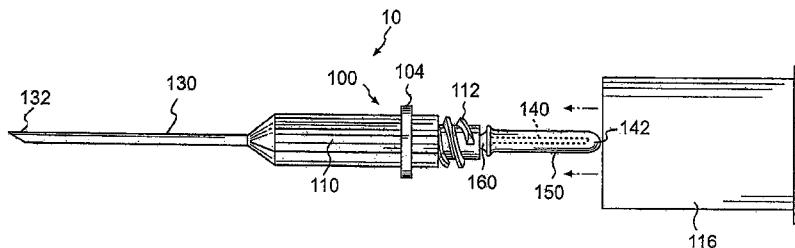
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(54) Title: BLOOD DRAWING DEVICE WITH FLASH PROTECTION



**FIG. 1**

(57) Abstract: A device for drawing fluid from a lumen, and particularly blood from a blood vessel, is disclosed. The device may include a central body having an outer wall and an inner fluid passage. The outer wall of the central body may be transparent or translucent to permit the detection of fluid within the inner fluid passage. A guide tube including a well may be connected to the central body. A second cannula may extend into the guide tube from the well. A flexible sleeve may extend into the guide tube from the well and surround at least a tip portion of the rear cannula or a tip portion of the second cannula. A venting member may be provided near the juncture of the well and the flexible sleeve. The venting member may permit the passage of air through it, but be substantially impermeable to liquids, such as blood.



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| <p><b>A. CLASSIFICATION OF SUBJECT MATTER</b><br/>                 IPC(8) - A61M 25/00 (2010.01)<br/>                 USPC - 604/264<br/>                 According to International Patent Classification (IPC) or to both national classification and IPC</p>  |  |   |  |   |   |  |   |  |  |  |  |   |  |      |
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| <p>Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)<br/>                 PubWEST (PGPB,USPT,USOC,EPAB,JPAB);<br/>                 Google Scholar<br/>                 Search terms used: blood draw\$ cannula vent\$ porous well chamber sleeve guide tube flash spacer</p>  |  |   |  |   |   |  |   |  |  |  |  |   |  |      |
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