

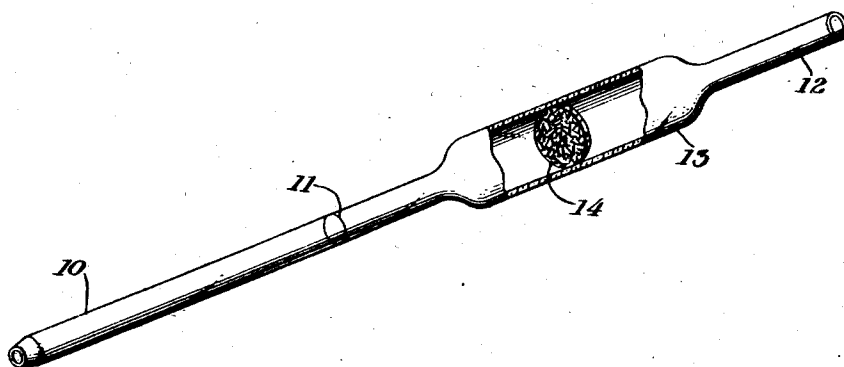
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SAFETY PIPETTE

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SAFETY PIPETTE

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2 Claims. (Cl. 222-189)

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This invention relates to pipettes and particularly to structural features of pipettes adapted to pick up liquid by oral suction. With pipettes of ordinary construction it is not uncommon for the user to draw liquid into his mouth which result is very undesirable, especially when the liquid is corrosive or radioactive.

An object of the invention is to provide a pipette construction which will prevent inadvertent flooding of the mouth of the user.

Other objects and advantages of the invention will be evident from the following description when read in connection with the accompanying drawing the single figure of which shows in perspective a pipette incorporating the invention. The pipette as shown consists of a suitable intake tube 10 which may have a calibration mark 11, a mouthpiece 12 and an intermediate enlarged portion 13 having a part of the wall torn away to show a wall member 14. In accordance with the invention the wall 14 is pervious to air, but when wet is not pervious, at least under pressure differences which can be provided by oral suction by laboratory workers. The wall 14 preferably consists of a sintered glass disc sealed in the portion 13, and the medium grade disc manufactured by Corning has been found to be quite satisfactory. Inasmuch as the primary function of the wall is to prevent sudden rushes of liquid to the mouthpiece 12 and need not provide an absolute barrier to the passage of a liquid, it will

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be evident that the porosity of the wall 14 may vary considerably and still perform its protective function.

It will be understood that the invention is not limited in its application to the particular pipette illustrated.

We claim:

1. A pipette adapted to pick up liquid by oral suction comprising a tubular member open at both ends and having an enlarged portion intermediate said ends, and a barrier member within said enlarged portion and having its periphery secured to the wall of said tubular member, said barrier member being pervious to air when dry and impervious to air and liquid when wet.

2. A pipette as claimed in claim 1 in which the barrier member is a thin disc of sintered glass.

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