



## Microscopists' Cement Hides Windshield Cracks

CRACKS and chipped-out places in automobile windshields can be repaired and sometimes rendered invisible with Canada balsam, obtainable at most drug stores and from dealers in microscope supplies. Apply the balsam to the damaged spot, and work it in with a toothpick if necessary. Let it pile up around the spot a little and after it has hardened, a process that make take several days, smooth it to the level of the glass with a razor blade. Balsam has about the same index of refraction as glass, and therefore makes practically invisible any hole or crack in glass that it fills. The material may be thinned, if required, with xylol, turpentine, lacquer thinner, or other solvent, and for best results should be applied on a warm day.-W.E. B.

## Cigarette Smoke Finds Leak in Inner Tube

A BURNING cigarette can guide you in locating a leak in an inner tube, in case it is not convenient to dip the tube into a tub of

water. The cigarette is moved around the surface of the inflated tube, until the air jet from the leak deflects the rising smoke. Make sure, before using this method, that there are no strong air currents in the room where it is being done.—R. B.

