

and the surfaces thus formed may be soldered, but the material is too costly. Cadmium chloride can be used only when dry, and is a deliquescent salt. The Alsite aluminum solder is used only with the blowpipe; its composition is not divulged, and the melting-point is dangerously near that of aluminum. Electroplating the surfaces to be soldered is not satisfactory as the plating peels when subjected to heat. E. H.

Note on a Device for Weighing Oil for Analysis.—The following device I have for some time used, and found to be so convenient and simple, that I give a description of it hoping that it may be of service to others. It consists simply of a small glass evaporating dish, about one inch in diameter, supported upon a flat watch-glass. An amount of oil, greater than the amount desired for the experiment, is placed in the evaporating dish and the whole weighed. The proper amount of oil is then poured from the dish into the vessel in which it is to be analyzed, and its weight determined by difference. If a drop of oil should cling to the lip of the evaporating dish and run down on the outside, it will be caught by the watch-glass and will occasion no trouble. The whole affair costs but a few cents and may be cleaned with great ease, while for weighing oil it is quite as accurate as a weighing pipette.

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PARKER C. MCILHINEY.

ERRATA.—Page 348, May, 1894, ninth line from top of page, after the words *violent bumping*, insert *ninety cc. of water is now added*.

Page 349, May, 1894, in the last two lines, for *Cengola* read *Angola*.