

both farmers and "experienced ditchers" need in order to avoid these costly mistakes is accurate methods of determining the grade and of digging to it. Without entering into a discussion in detail of the relative

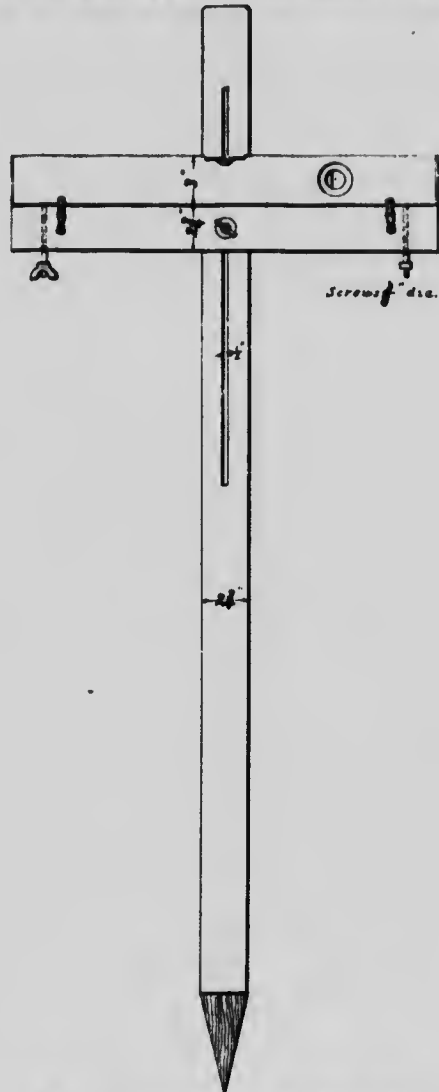


Fig. 1. Home-made drainage level.

merits of different methods, of which there are many, I will say that those to be described here are among the best known (and I think that in the large number of "experienced ditchers" whom we have met we have