



FIG. 702.

bob to swing much further at one end so you may gauge a much steeper grade. The illustration shows a slant of $5\frac{1}{2}$ feet per 10 feet. The longer you make the uprights B the more spare you have for marking the inches on F.

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Unfermented Wine.—Take perfectly ripe native grapes, pick from stems, discard all imperfect berries. Mash slightly (not mash seed), press out the juice by any of the known methods and separate the juice from the pulps by straining through coarse cloths, or otherwise. Then add $1\frac{1}{2}$ lbs. white sugar to each gallon of must or juice. Boil in a copper or brass kettle for 40 minutes, then remove from fire and filter again so as to remove all sediment. Filtering paper kept by druggists is best to filter through. The filtering is slow but perfect. After filtering and when juice is cool, put in strong bottles, cork and wire similar to pop soda. A cool cellar where the temperature is regular and does not freeze in winter is the best place to keep wines.—*Farm and Home.*

The Time to Plant Evergreens.—Evergreens differ from deciduous trees in the fact that there is no time of year when they are not evaporating a considerable amount of water through their foliage. But this evaporation is greater at some times than at others, the largest amount being from the new growth in early spring and summer. As a consequence of this evaporation there is unusual call upon the roots for moisture. If the soil is warm and moist new roots put out rapidly. At the beginning of the new growth, or a little before, it is therefore the best time to plant evergreens. We notice that some leading nurserymen advise planting evergreens late in summer or early fall. Their argument is that the soil is then warmer and in better condition to stimulate cool growth than it is earlier. We do not doubt that with care evergreens may be successfully planted in August or September, but there is then a considerable new growth of leaves which must be checked by transplanting. It would seem to be much like planting deciduous trees in midsummer. It may be done, but there must be more chances of failure than if the experiment be tried in late spring before any new growth had been made.—*American Cultivator.*