

dredging, the time required for dredging depending, of course, upon the nature of the bottom.

The joint labours of Agassiz and Sigsbee led to a great

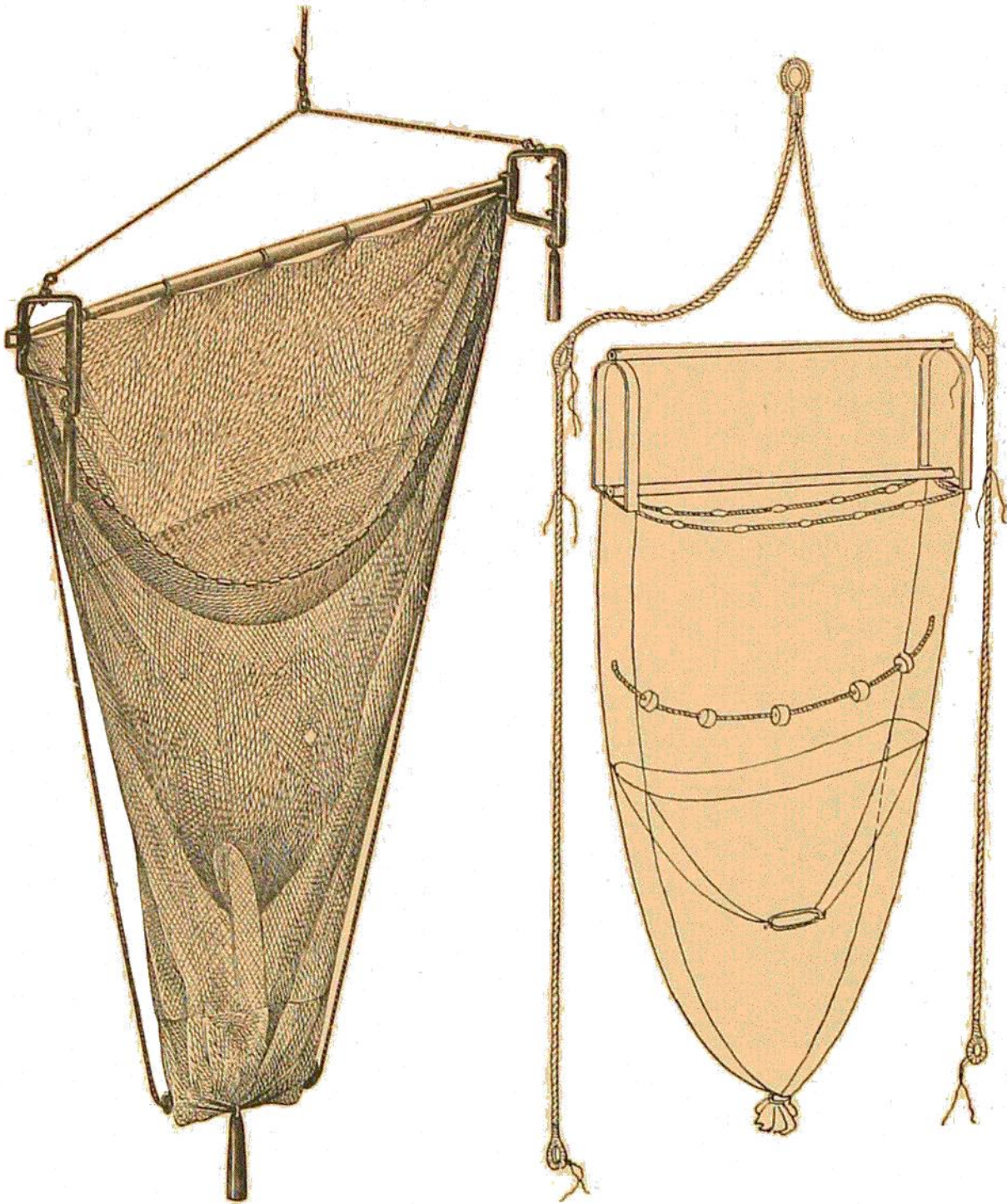


FIG. 11.—THE "CHALLENGER" TRAWL. FIG. 12.—SIGSBEE'S TRAWL. (From Sigsbee.)

improvement in the appliances. Previously the dredges had ploughed into the ocean floor (Fig. 10, *a*), but the one employed by Sigsbee (Fig. 10, *b*) was believed to have skimmed over it, and so collected the animals which lived upon the surface, sweeping them up from a wide extent of ground. Both kinds