

the vanes. The revolving axis communicates its motion to the indices on the dial-plate *c*, which are so adjusted that the index on the right-hand dial passes through a division for every fathom of

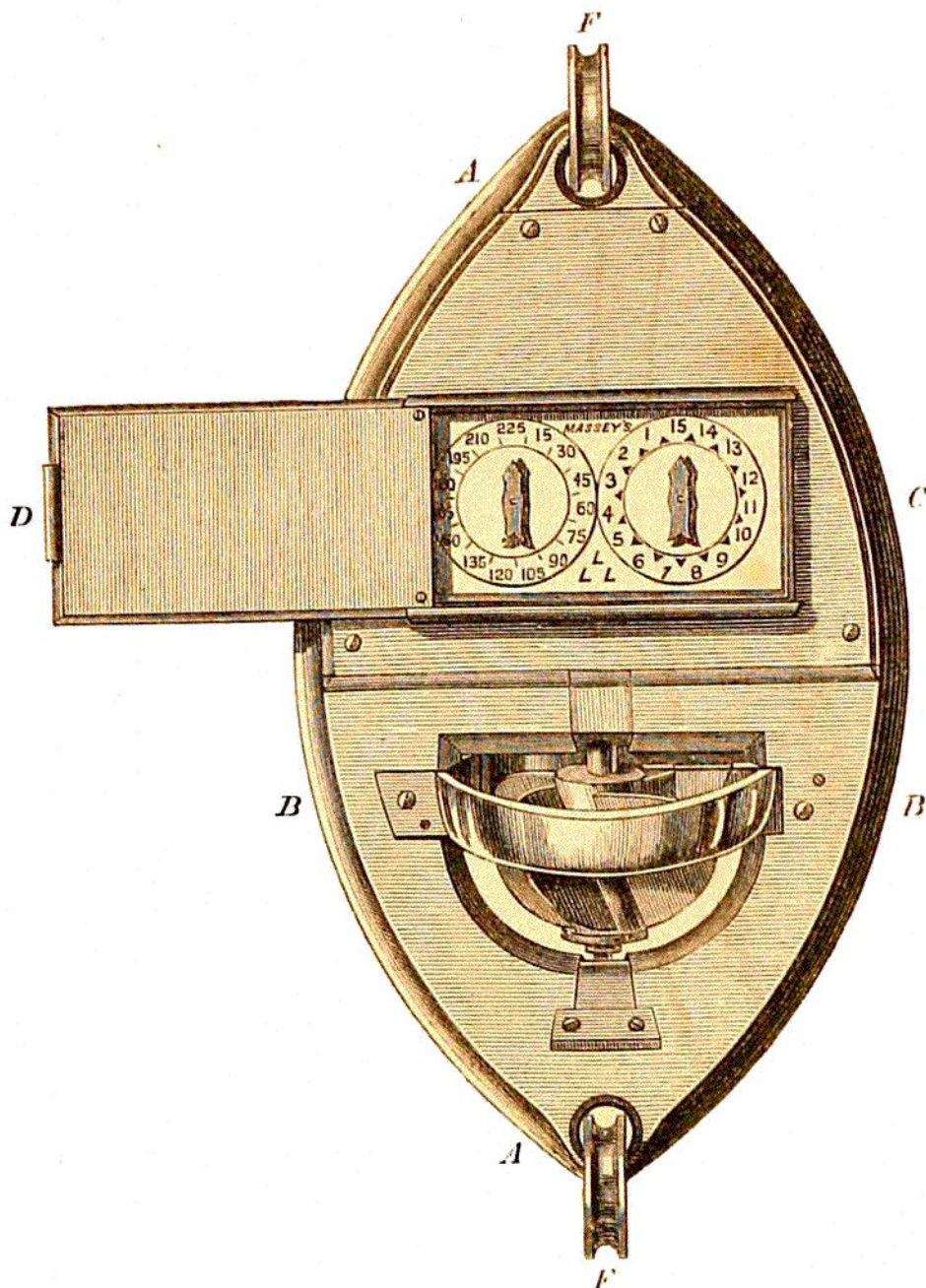


FIG. 43.—'Massey's' Sounding Machine.

vertical descent, whether quick or slow, and makes an entire revolution for 15 fathoms, while the left-hand index passes through a division on the circle for 15 fathoms, and makes an entire revolution during