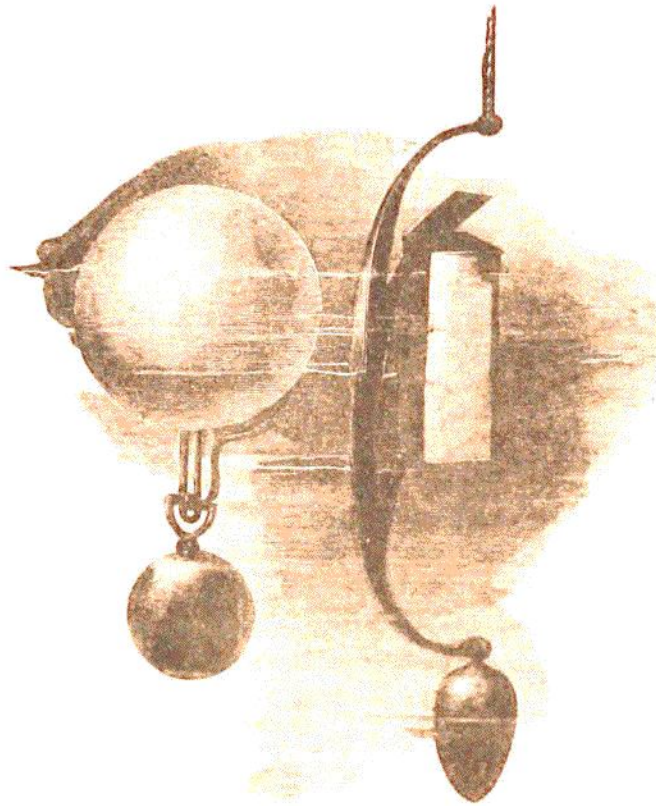


Dr. Gerhard Schott's observations on currents, temperature, and specific gravity of seawater, on a sailing voyage to China, show how important additions to oceanographical knowledge can be made on such a voyage.¹

The great advances in the Science of Oceanography during recent years, through the researches and expeditions indicated above, will be evident to all who may compare the knowledge possessed thirty years ago with what is now known concerning the depth of the ocean, as represented on the bathymetrical charts which accompany these volumes, with the data in regard to the temperature and specific gravity of the ocean at different depths as exhibited on the maps in Dr. Buchan's Report on Oceanic Circulation, or with the information on the biology of the Great Ocean Basins contained in the following pages.

¹ Petermann's Mitteil., Ergänzungsheft No. 109, 1893.



HOKE'S SOUNDING MACHINE AND WATER-BOTTLE (see pp. 57 and 66).