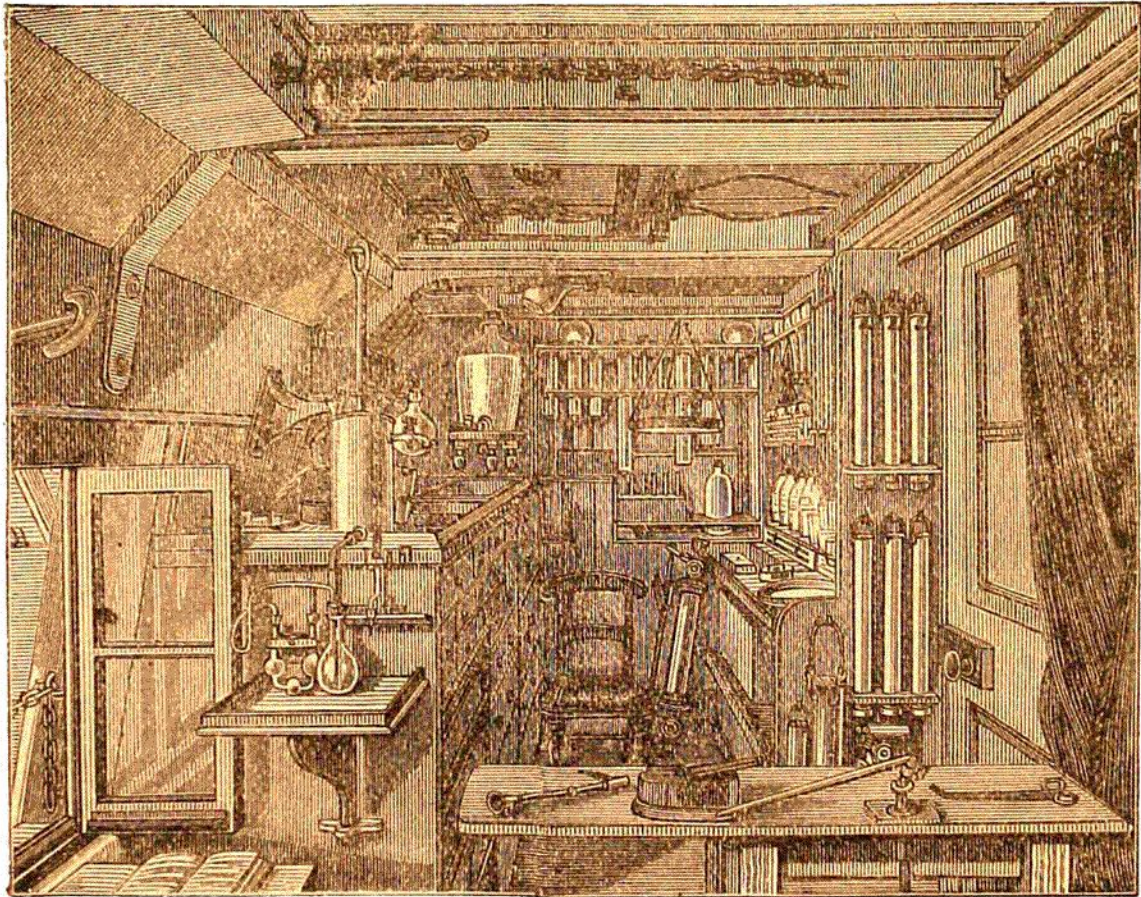


from the rolling of the ship by many ingenious devices.

The photographic quarters faced the laboratory, and consisted of a dark room and studio, where were ranged the bottles, chemicals, and apparatus required by the operator.



CHEMICAL LABORATORY ON BOARD THE CHALLENGER.

A large aquarium was near at hand; while the water bottles and sounding-machines were secured close by in racks against the ship's side.

On large reels were coils of telegraph insulated wire, for the purpose of obtaining the temperature at different depths by galvanic influence.