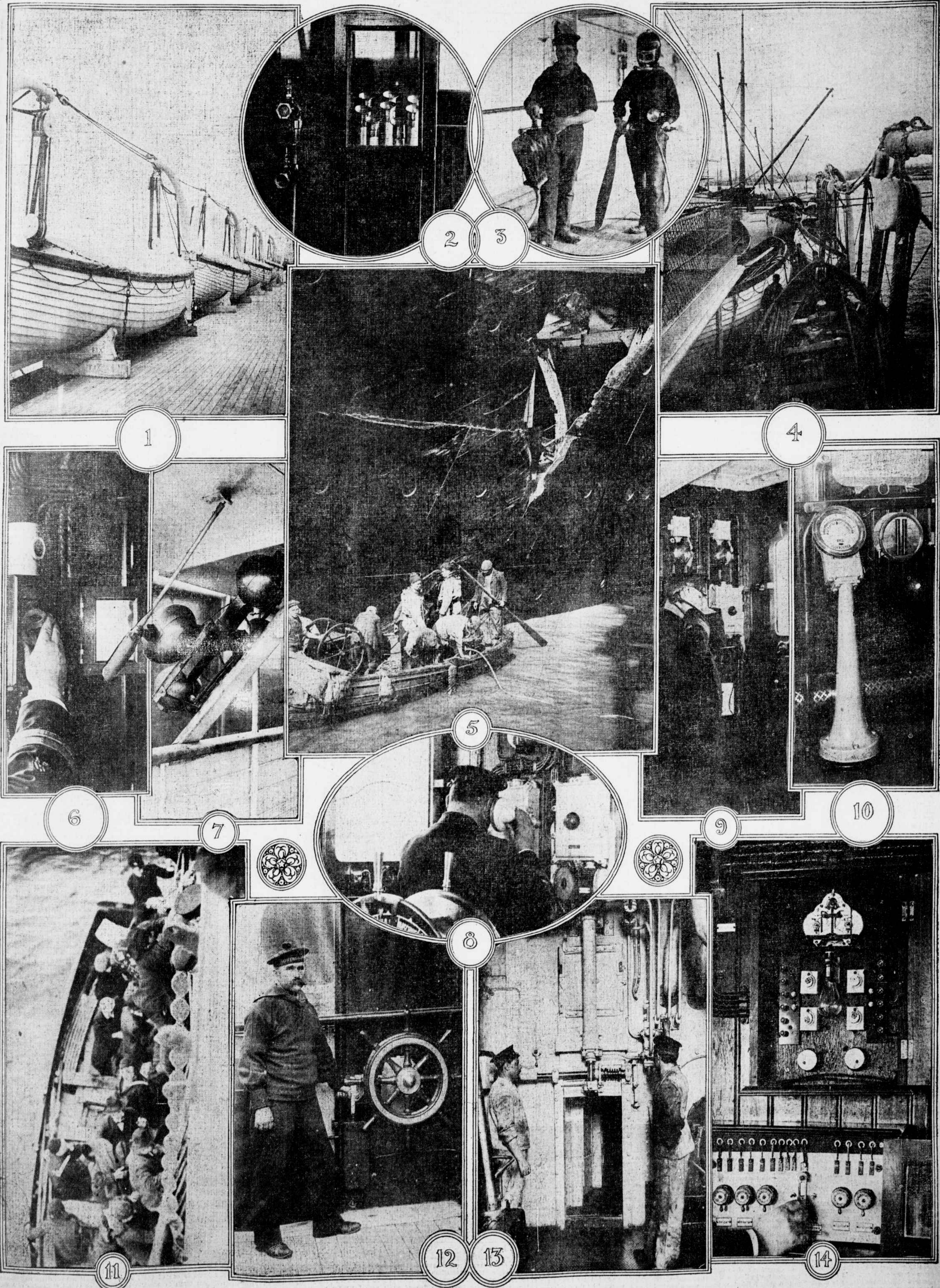


These Are the Most Notable Devices Intended to Avert Disasters at Sea



(1) Lifeboats lashed to deck, showing launching devices. (2) Smoke detector. The tubes lead to the various compartments. Above them is a suction fan, which will draw the smoke from the seat of fire and indicate in which compartment it is. (3) For fighting fire in a compartment. The hose bearer is protected by a helmet. His companion supplies fresh air. (4) Lifeboats of the Republic on the Baltic. (5) The rent in the Olympic's side, following her collision last year with a British cruiser. (6) Following the cry, "Man overboard!" the officer turns the wheel and every life buoy is launched. (7) Life buoy ready for launching. Chemicals in the cylinder on left ignite upon contact with water. Light can be seen four or five miles, and will burn thirty minutes. (8) Engine room telephone. Voice can be heard in engine room twenty feet from receiver. (9) Listening to submarine signals. (10) Rudder telegraph on bridge indicating whether or not rudder is responding to steering gear. (11) Survivors of a wreck boarding succoring steamer. (12) Wheel on bridge for closing water tight compartments. (13) Door in bulkhead closing. Warning bells ring for seven seconds before doors close. (14) The clockwork regulates blowing of foghorn. The officer is signalling all hands to quarters.