

“The first time they were used was in the Sulu Sea, where the minimum temperature is reached at a depth of 400 fathoms, and it was thought a good opportunity to try whether the water at greater depths exceeded this temperature. The apparatus was consequently

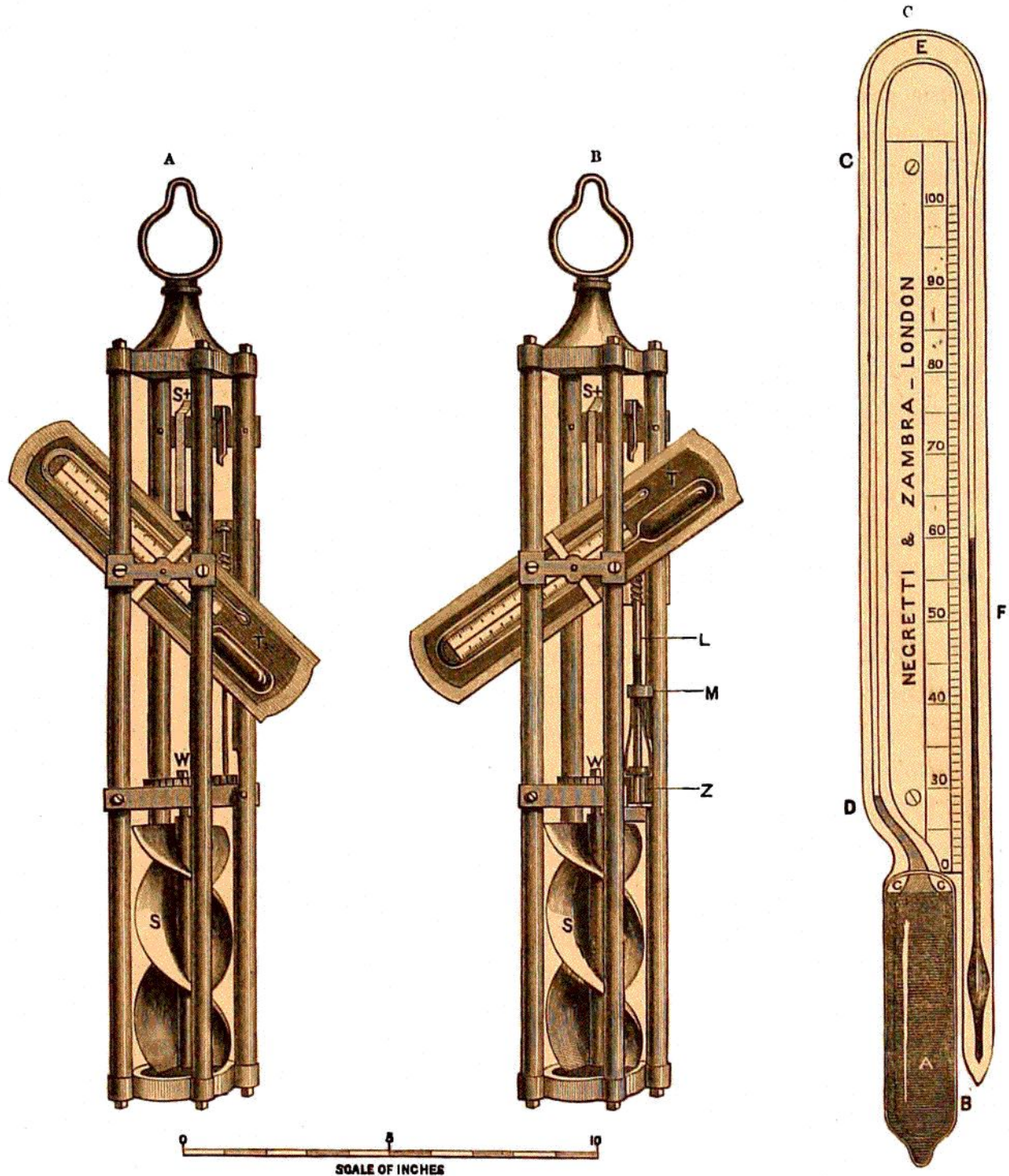


FIG. 29.--A, C, Negretti & Zambra's Deep-Sea Thermometer; B, Ferguson's modification.

sent to the bottom, the depth being 2225 fathoms, and the thermometer (No. 18) registered  $54^{\circ}$ , whereas the minimum temperature at 400 fathoms was  $50^{\circ}5$ ; the temperature of  $54^{\circ}$  being at the depth of 190 fathoms by the Miller-Casella thermometer. The same thermometer (No. 18) was next sent to 400 fathoms, the depth of minimum