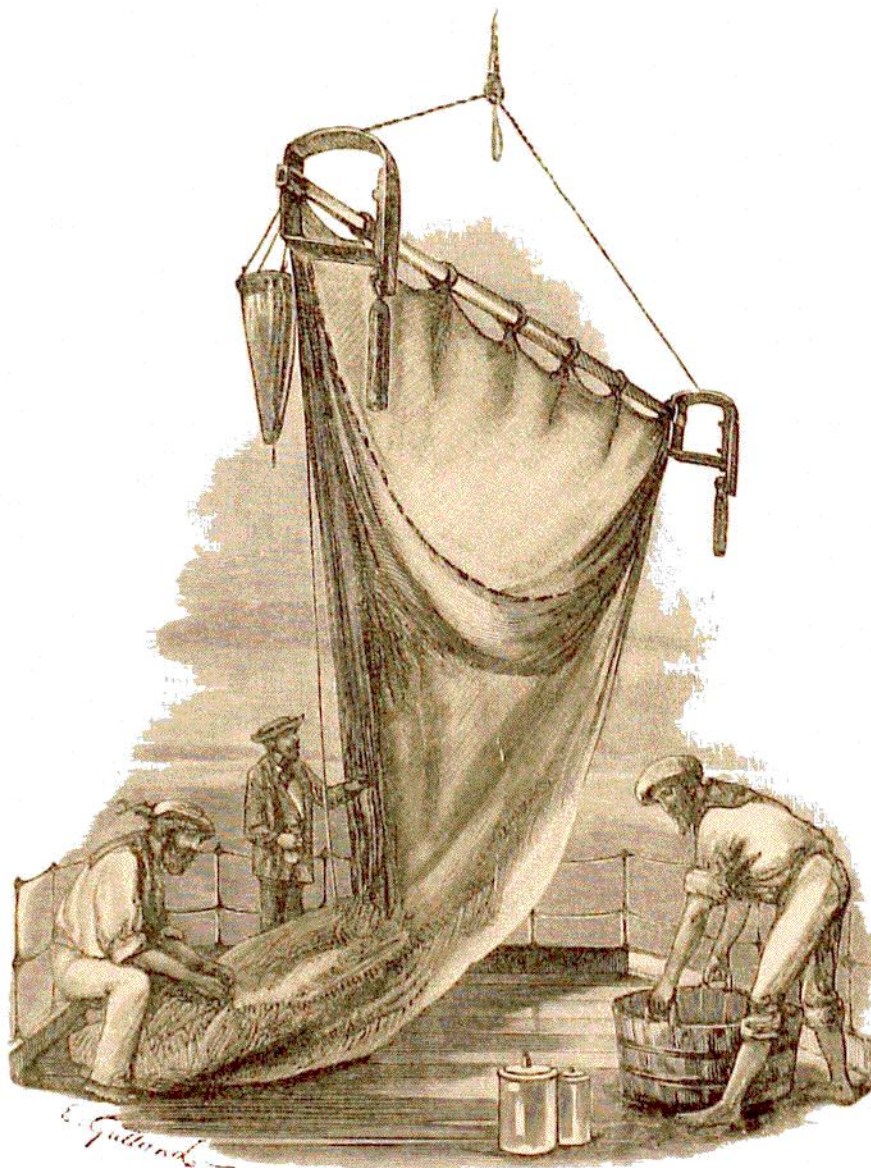


sented. The Diagrams show the isotherms for every five degrees, which were obtained by plotting the temperature observations on paper of equal squares and drawing the curves (the observations and curves are published as Part III. of the Physics and Chemistry of the Expedition).

In the Diagrams the thick *Horizontal lines* represent lines of equal temperature in Fahrenheit

Scale. The figures above each *Vertical line*, thus,  $\begin{matrix} 37 \\ 2650 \cdot 68 \end{matrix}$ , indicate,  $(37)$ , the number of the

Station, 68, the Surface Temperature, and, 2650, the Depth in fathoms. The figures below each *Vertical line* indicate the temperature at the Bottom, the type of Deposit being given with the percentage of Carbonate of Lime underneath.



EXAMINING CONTENTS OF TRAWL.