The ship docked in London on 16th of February and the discharging of the grain was started two days later. An attempt was made to take the temperatures in the holds before discharging but this was found to be impossible. The protection of the switches had not been sufficient for the very rough weather which was experienced, and the metal contacts had corroded to some slight extent, so that when the battery was connected, short circuits were set up and it was impossible to obtain an accurate balance on the galvanometer.

Careful examination of the grain at the time of unloading showed that a certain amount of damage had occured, the extent and location of which is shown in the following diagrams in which the darkened portion indicates the heated grain.

Layer A.—In layer A. the wheat was found to be heating in two places close to the stokehold bulkhead. This wheat was slightly warm and very musty, but the amount so affected was quite small—probably not more than about three bushels altogether. In addition a few pounds of wheat which was wet, soft and discoloured had caked here and there to the floor of the hold in the vicinity of the bulkhead. Except in these places the floor was quite clean and dry, and the rest of the wheat in this parcel was perfectly sound.

Layer B.—Heating wheat was found in this layer immediately above the warm spots in Layer A. The amount of damaged grain was rather more than in the bottom parcel, but it was still quite small. There was no other damage in this layer.

Fig. 13. Diagram showing damaged grain in layer A.

Fig. 14. Diagram showing damaged grain in layer B.

Fig. 15. Diagram showing damaged grain in layer C.

Layer C.—Except for a few bushels of hot wheat close to the stokekold bulkhead this parcel of grain arrived in good condition.

Layer D.—The quantity of wheat found to be heating in this parcel was considerably more than in Layer C, probably amounting altogether to about sixty bushels. The position of the damaged grain was the same as in the lower layers.

Fig. 16. Diagram showing damaged grain in layer D.

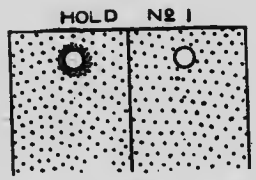

Fig. 17. Diagram showing damaged grain in layer F.