rudder. Beautiful weather, but cold,  $-18^{\circ}$  C. at 8 P.M. The result of the medical inspection to-day was the discovery that we still have bugs on board; and I do not know what we are to do. We have no steam now, and must fix our hopes on the cold.

"I must confess that this discovery made me feel quite ill. If bugs got into our winter furs the thing was hopeless. So the next day there was a regular feast of purification, according to the most rigid antiseptic prescriptions. Each man had to deliver up his old clothes, every stitch of them, wash himself, and dress in new ones from top to toe. All the old clothes, fur rugs, and such things, were carefully carried up on to the deck, and kept there the whole winter. This was more than even these animals could stand; 53° C. of cold proved to be too much for them, and we saw no more of them. As the bug is made to say in the popular rhyme:

"'Put me in the boiling pot, and shut me down tight; But don't leave me out on a cold winter night!'

"Friday, October 6th. Cold, down to II° below zero (Fahr.). To-day we have begun to rig up the windmill. The ice has been packing to the north of the Fram's stern. As the dogs will freeze if they are kept tied up and get no exercise, we let them loose this afternoon, and are going to try if we can leave them so. Of course they at once began to fight, and some poor creatures limped away from the battle-field scratched and torn.