Basic Detail Report

Title Patent Model of Machine for Felting and Hardening Hat Bodies

Date 1870

Primary Maker John T. Earle

Medium Wood, metal and leather

Description The wooden patent model illustrates certain improvement in machines for felting and hardening hat bodies, and other fabrics composed of fur or wool, or other fibrous material which will felt. Earl's inventions include: a corrugated rotary cylinder with flexible apron to carry the hat body around as the cylinder revolves between the corrugated cylinder and the flexible apron, in the form of cylindrical rolls. The second part of the invention consists in provide in fenders at each end of the rotary cylinder to prevent the same from coming in contact with the flexible apron, and the third part of the invention is the flexible apron which allows for the adjustment of pressure on the object being felted or hardened.

Dimensions Primary Dimensions (height x width x depth): 9 1/2 × 10 1/2 × 9in. (24.1 × 26.7 × 22.9cm)