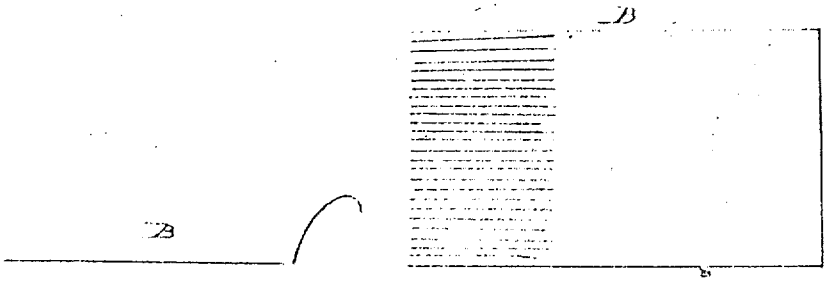
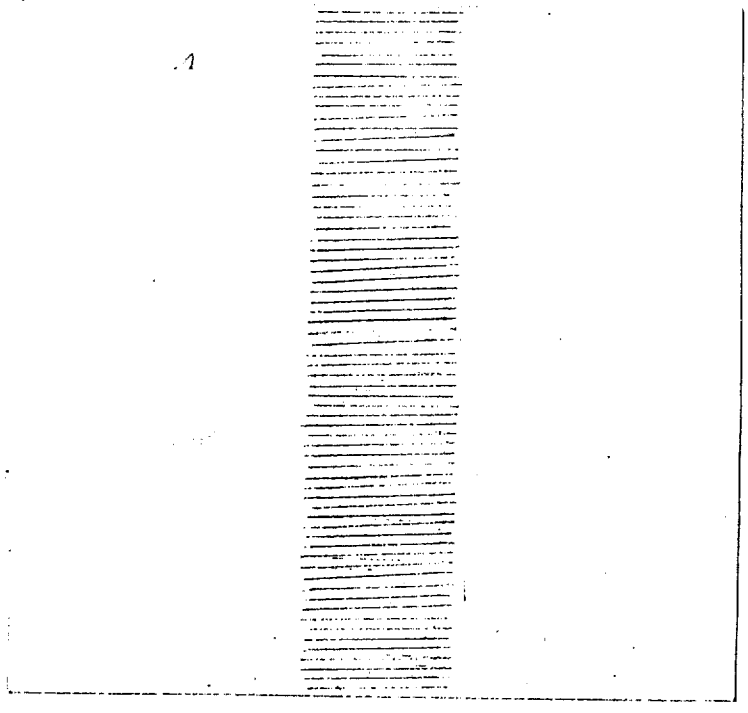
CLOTHING.
CLASSIFICATION
8988-X
DIVISION.

Freeman Steele

7-21-1835

In the Manufacture of cloth





July 21. 1835 8988X 1/3.

Horeman Holcot. Stow, Massachusetts.

Letters Patent.

The schedule, referred to in these Letters Patent, and making part of the same, containing a description in the words of the said Horeman Holcott, himself of his improvement in the Manufacture of cloth.

To all to whom these presents shall come.

Be it known that I Horeman Holcot of Stow in the County of Middlesex & State of Massachusetts, Machinist, have invented a new and useful improvement in the Manufacture of Cloth & that the following is an exact & full description of the invention. Let a sheet of thin brass plate about five inches wide be rolled until it shall acquire a proper temper & elasticity, then let the same be cut into strips equal in length to the width of such cylinders as are now used for napping cloth with teazles, then let the said plate be divided lengthwise so that the inner edge shall present a range of teeth about three quarters of an inch in length & about one fifteenth of an inch wide at the base diminishing in width from the base to the tip where they terminate in a sharp point, then let a considerable curvature be given to the teeth by annealing, that is by placing the plate thus cut over a convex iron mould so fashioned as to give the teeth & plate a proper curvature and then placing a corresponding concave iron over them and giving it a blow with a hammer. The metallic napper will then be complete and will be a plate with a row of curved tapering elastic teeth resembling the teeth of the teazle, and standing out from the curved part of the plate at such an angle that the curved part may be attached to slats of wood lapping across the face of a cylinder at suitable distances. The teeth are cut by the oblique strokes of a chisel the direction of which is changed each stroke as described in plan marked A. hereto annexed. The two sides of the plate are then drawn apart separating at the points of the teeth & two plates are thus formed from one with a row of teeth on one

side

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side of each. Thereby causing her necessarily to accompany the cloth to be dressed. The metallic napper is represented in plate B. hereto annexed. The invention for which the said Robert claims his patent is for making of a mixed web of thin brass plate with iron or tapering pieces of cloth suitable for napping cloth. But the great merit of the invention is the production of an elastic and enduring article which may be substituted to an almost incalculable extent for the vegetable teazel which is destroyed by a few hours use.

Witnesses
B. H. Andrews.
G. Haskett Derby

Herman Robert

(Drawing.)

[532 Words.