

# UNITED STATES PATENT OFFICE.

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MERCURYLESS HAIR-SECRETING PROCESS FOR FELT-MAKING.

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The object of our invention is to provide a process which will do away with mercury in secreting or, as it is sometimes called, "carroting".

5 According to our invention, secreting or "carroting" is achieved through the action of urea, compounds thereof or derivatives therefrom.

10 We have ascertained the properties of said substances through investigations made with the urine of certain fetid or high scent animals such as fox, martin, ape, monkey, skunks, minx, wild cat etc., hair of which will felt without any preparation.

15 In accordance with our invention we preferably use nitrate of urea.

We dissolve the latter in any suitable solvent and dilute it with water in variable proportions according to the secreting power  
20 desired to be obtained.

We brush the pelts with this solution by the usual methods and hair off as usual.

We wish it to be clearly understood that our invention covers also treatment by said process as applied to hair already taken 25 off and to parings.

We claim as our invention:

1. A carroting process, comprising the step of treating hair with a substance containing urea. 30

2. A carroting process, comprising the step of treating hair with nitrate of urea.

3. A carroting process, comprising the steps of brushing a pelt with a solution containing urea, and then removing the hair 35 from the pelt.

4. A carroting process, comprising the steps of brushing a pelt with a solution of nitrate of urea, and then removing the hair from the pelt. 40

In testimony whereof we affix our signatures.

CHARLES PICHARD.  
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