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A. GOLDSNYDER ET AL

AIR BLOWING DEVICE FOR FUR CUTTERS' USE

Filed April 23, 1923

Fig. 1.

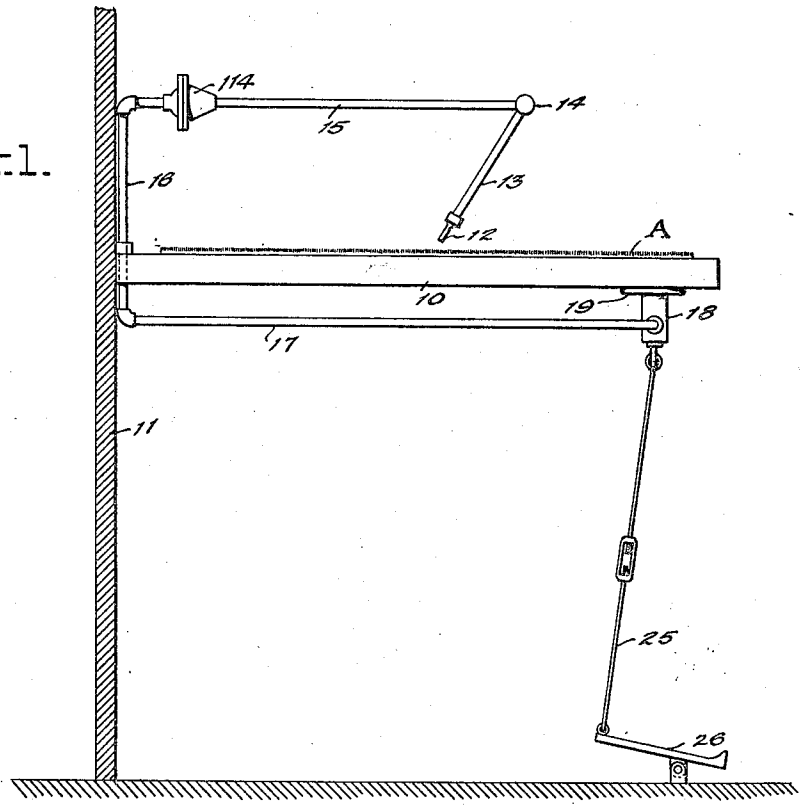


Fig. 2.

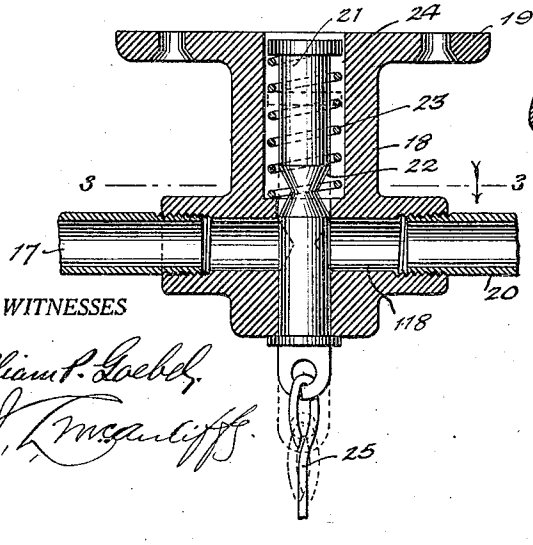
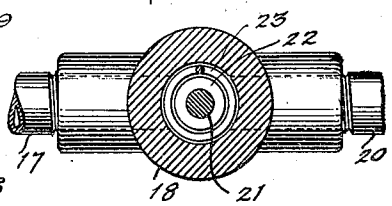


Fig. 3.



WITNESSES

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ADOLPH GOLDSNYDER AND SAMUEL GOLDSTEIN, OF NEW YORK, N. Y.

AIR-BLOWING DEVICE FOR FUR-CUTTERS' USE.

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To all whom it may concern:

Be it known that we, ADOLPH GOLDSNYDER and SAMUEL GOLDSTEIN, citizens of the United States of America, and residents, respectively, of the city of New York, borough of the Bronx, in the county of Bronx and State of New York, and of the city of New York, borough of Manhattan, in the county of New York and State of New York, have invented a new and Improved Air-Blowing Device for Fur-Cutters' Use, of which the following is a description.

The practice of fur cutters in examining furs for cutting is to blow on the hair side of the fur to separate the hair to expose the condition of the skin. It is a well recognized fact that the direct blowing with the mouth on the fur develops disease in the person indulging in the practice.

The general object of our invention is to provide a blowing assemblage having elements optionally controllable in a convenient manner by the fur cutter to cause a regulated blast of air to be directed onto the fur for separating the hair without the operator of the device exposing himself to the danger involved in a close approach of his breathing organs to the fur.

Reference is to be had to the accompanying drawings forming a part of this specification, it being understood that the drawings are merely illustrative of one example of the invention.

Figure 1 is a side elevation of a fur blowing assemblage embodying our invention;

Figure 2 is a vertical section through the valve fitting controlling the air current;

Figure 3 is a horizontal section on the line 3—3, Figure 2.

In carrying out our invention in practice in accordance with the illustrated example a table 10 is provided having any suitable supporting means, the table being here shown as extending from a wall 11.

An air nozzle 12 is provided on a swing pipe 13 in the form of an arm supported at the outer end of an approximately horizontal air pipe 15 disposed above the table 10, said pipe 15 extending forwardly from a vertical air pipe 16 disposed against or adjacent to the wall 11 and downwardly through the table 10 and thence forwardly beneath the table as at 17 to a connection with a valved fitting 18. The pipe arm 13 is connected by a universal joint as at 14 with the outer end of the pipe 15 and said pipe 15 may connect also with the rear air pipe 16 by a universal joint 114, said joints 14 and 114 being of any known form and here conventionally shown. The fitting 18 is essentially in the form of a T and is positioned at the under side of the table 10 slightly inward from the front edge thereof and secured to the table in any suitable manner, there being a securing flange 19 shown on the said fitting adapted to be fastened by any suitable means to said table 10 at the under side. The fitting 18 has a through passage 118 from one side to the other, pipe 17 being suitably connected to the fitting at one side to receive air therefrom. To the opposite side of the fitting 18 is connected a supply pipe 20 leading in practice from any convenient source of supply of air under pressure. A plug valve 21 is disposed vertically in the fitting 18 for controlling the air passage 118, said plug being formed with a contracted waist 22 which is normally disposed above the passage 118 by maintaining the valve 21 in the raised position through the medium of a spring 23 coiled about the valve in a vertical chamber 24 above the passage 118. In order to depress the valve 21 to bring the waist 22 at the passage 118 for permitting air to flow through the fitting 18 from the pipe 20 to the pipe 17 a pedal 26 is provided connected by links 25 or equivalent means with the valve 21 at the lower end.

With the above described assemblage the skin A is laid upon the table 10 and the swingable pipe arm 13 is moved over a given area of the fur, the piece of fur being shifted more or less if desired to bring a particular portion thereof within the influence of an air blast from the nozzle 12. The air supply is regulated by the operator through the medium of the pedal 26 and valve 21. Upon the foot being removed from the pedal 26 the spring 23 normally closes the valve 21 by disposing the contracted portion 22 above the passage 18. The arrangement greatly facilitates the blowing and examination of the fur in addition to guarding the operator against the danger of disease. The pedal 26 is disposed within the plane of the front edge of the table 10 and the link connection 25 or its equivalent between said pedal and the valve 21 extends obliquely upwardly and forwardly from said pedal so as to afford no obstruction to the operator in his general

movements adjacent to the table in operating on the fur A.

We would state in conclusion that while the illustrated example constitutes a practical embodiment of our invention, we do not limit ourselves strictly to the exact details herein illustrated, since, manifestly, the same can be considerably varied without departure from the spirit of the invention as defined in the appended claims.

Having thus described our invention, we claim:

1. A blowing device for furriers' use comprising a table on which a piece of fur may be spread, a pipe disposed above the table and extending forwardly from near the rear edge of the table, a swingable arm on said pipe at the upper end, an air nozzle on said arm, a fixed air pipe disposed vertically near the rear edge of the table and rising above the same to a connection with the first-mentioned air pipe, said second-mentioned air pipe extending at its lower end below the table and forwardly beneath the table to near the forward edge thereof, a fitting pendent from said table near the front edge and communicating with said forwardly extending pipe, said fitting having an air inlet adapted to be connected with a supply of air under pressure, a vertically movable valve in said fitting controlling communication between the said air inlet and said forwardly extending pipe, a spring normally tending to raise said valve to a closed position, a pedal beneath the front portion of the table, and a connection between said pedal and said valve.

2. A blowing device for furrier's use comprising a table on which a piece of fur may be spread, an air pipe beneath said table and extending from near the front edge thereof to near the rear edge, a pipe member communicating with said first pipe and rising above the plane of the table, an air pipe in communication with said pipe member and disposed over said table and capable of universal swinging movement, an air nozzle on the last-mentioned pipe, a fitting secured to the table at the under side near the front end and communicating with the first-mentioned pipe to supply air thereto, said fitting having an air inlet to receive air under pressure, a vertically movable valve in said fitting controlling communication between said inlet and the first-mentioned pipe, a valve tending to normally maintain said valve in a raised position cutting off the flow of air through said fitting, and pedal-operated means to depress said valve against the tension of said spring.

3. A blowing device for furriers' use comprising a table on which a piece of fur may be spread, an air pipe beneath said table and extending from near the front edge thereof to near the rear edge, a pipe member communicating with said first pipe and rising above the plane of the table top, a pipe disposed over said table and capable of unversal swinging movement, said last-mentioned pipe communicating with said pipe member, an air nozzle on the last-mentioned pipe, valve-controlled air supply means communicating with the first-mentioned pipe to direct air thereto, a pedal beneath the front portion of the table and a connection between said pedal and the valve means.

4. A blowing device for furriers comprising an approximately vertical pipe adapted to be disposed at the rear portion of a fur cutter's table to extend above and below the same, a pipe extending forwardly from the first pipe, a pipe in the form of a downwardly extending arm at the outer end of the second pipe, means permitting a movement of said arm in various directions, an air nozzle at the lower end of said arm, a pipe member extending from the lower end of the first-mentioned pipe forwardly, a valved fitting communicating with said pipe member and having means to secure it to the cutter's table at the under side, said fitting having an inlet for air under pressure, a valve in said fitting controlling communication between said inlet and said pipe member, means tending to normally move said valve to the closed position, and pedal operated means for moving said valve to the open position.

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