

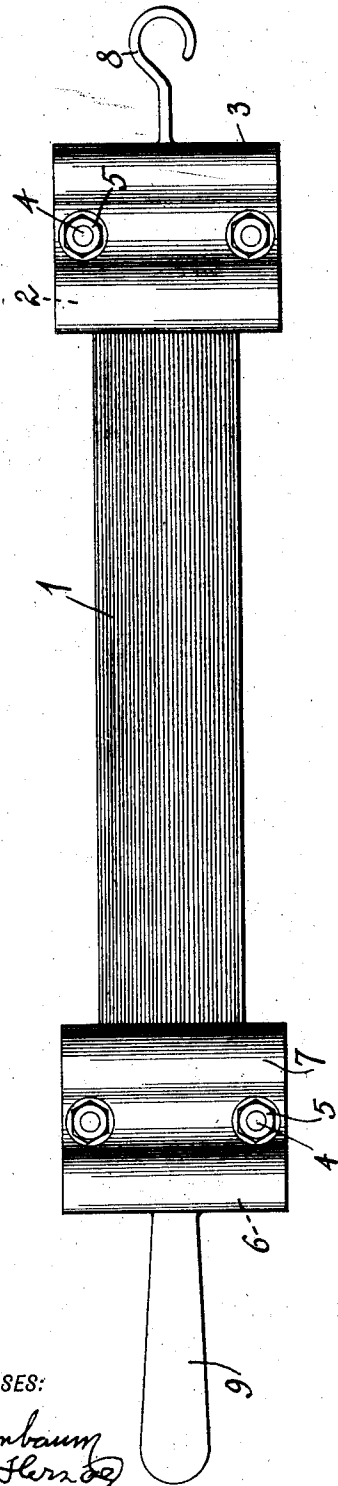
No. 893,984.

PATENTED JULY 21, 1908.

F. DANNER.  
COMB CLEANER.

APPLICATION FILED DEC. 23, 1907.

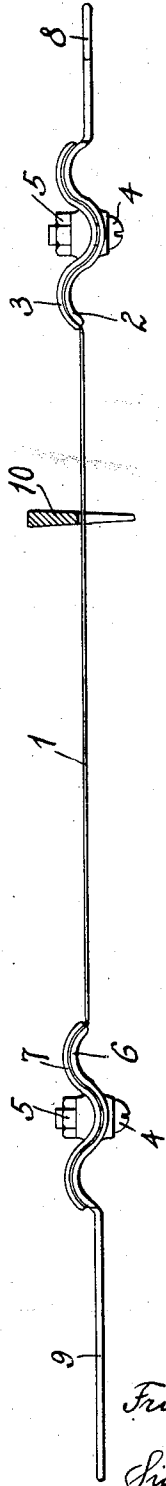
Fig. 1



WITNESSES:

*S. Binbaum*  
*Albert Herzog*

Fig. 2



INVENTOR

*Friederike Danner*

BY

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her ATTORNEY

# UNITED STATES PATENT OFFICE.

FRIEDERICKE DANNER, OF MADISON, CONNECTICUT.

## COMB-CLEANER.

No. 893,984.

Specification of Letters Patent.

Patented July 21, 1908.

Application filed December 23, 1907. Serial No. 407,759.

*To all whom it may concern:*

Be it known that I, FRIEDERICKE DANNER, a citizen of the United States, and a resident of Madison, in the county of New Haven and State of Connecticut, have invented certain new and useful Improvements in Comb-Cleaners, of which the following is a specification.

The present invention relates to a device for cleaning combs.

It is a well known fact that in combing the hair of a person, the dust and other foreign matter adhering to the same is taken off by the comb and collects in the spaces between the teeth of the comb. Since the hair is in most of the cases treated with fat substances, such as oil or other similar material and since, on the other hand, through the pores of the head fat substances are exuded, it is obvious that these fat substances mingle with the dust and foreign matter, collected in the hair, and when now the dust and foreign matter is taken off by the comb, it will together with the fat substance form a solid mass, which fills out to a certain extent the spaces between the teeth of the comb.

The present invention provides a device which removes the foreign matter from the comb in a quick and easy way. This device consists of a plurality of threads or hair held together by suitable means, such as corrugated plates, so as to form a strap-like device, one end of which may be attached to a suitable bracket or holder, and the other end may be taken hold of by the person cleaning the comb.

The device is illustrated in the accompanying drawings, in which

Figure 1 illustrates a front elevation of the device, and Fig. 2 a side elevation of the same.

1 indicates a plurality of threads or hair, all of which are of substantially the same length, and are placed in one plane so as to form a strap. One end of the hair is placed between a base plate 2 and a holding plate 3, which are corrugated, as shown in the drawings. These plates are secured together by screws 4 and nuts 5, and hold thereby the hair in place. The other end of the hair is in a similar way held by plates 6 and 7, which, in turn, are firmly secured to each other by

screws 4 and nuts 5. It is obvious that by these means a hair-strap is formed, the hair elements of which are held at their respective ends, and are allowed to move crosswise, whereby the teeth of a comb may be inserted between the same, which comb may move longitudinally.

8 indicates a hook, integral with or in any suitable way secured to one of the plates 2 or 3, by means of which the strap may be attached to a suitable holding device. One of the plates 6 or 7 is provided with a handle 9, by means of which the operator takes hold of the device.

The operator, having grasped the handle, presses the comb 10 against the hair-strap 1, whereby the hair of the same engages a plurality of teeth spaces, depending on the width of the strap. When now the comb is drawn longitudinally on the strap forwards and back several times, the foreign matter, filling the teeth spaces, is in an easy way taken off the comb. It is obvious that by repeating this operation through the whole length of the comb the foreign matter will be taken off in three or four operations, the number of operations depending on the length of the comb and the width of the hair-strap.

It will be noticed that other means may be used for holding the hair in a strap-like structure than the one disclosed herein, and that instead of hair or thread any other suitable means may be provided, such as wire, strings or other suitable strips, without departing from the spirit and scope of the invention.

What I claim is:—

1. In an article of manufacture, the combination with a corrugated base plate, of a corrugated holding plate, a plurality of threads held between said plates so as to form a strap, and a similar base plate and holding plate engaging the opposite end of said threads.

2. In an article of manufacture, the combination with a corrugated base plate, of a corrugated holding plate, a plurality of strips between said plates so as to form a strap, a similar base plate and holding plate engaging the opposite end of said strips, and means for securing said holding plates to the base plates respectively.

3. In an article of manufacture, the com-

ination with a corrugated base plate, of a  
corrugated holding plate, hair held between  
said plates so as to form a strap, a similar  
base plate and holding plate engaging the  
5 opposite end of said hair, a hook secured to  
one of said base plates, and a handle secured  
to the other of said base plates.

Signed at New York, in the county of New  
York, and State of New York, this 19th day  
of December, A. D. 1907.

FRIEDERICKE DANNER.

Witnesses:

S. BIRNBAUM,  
SIGMUND HERZOG.