

(No Model.)

H. SCHEUER.
FAN.

No. 541,392.

Patented June 18, 1895.

Fig: 1.

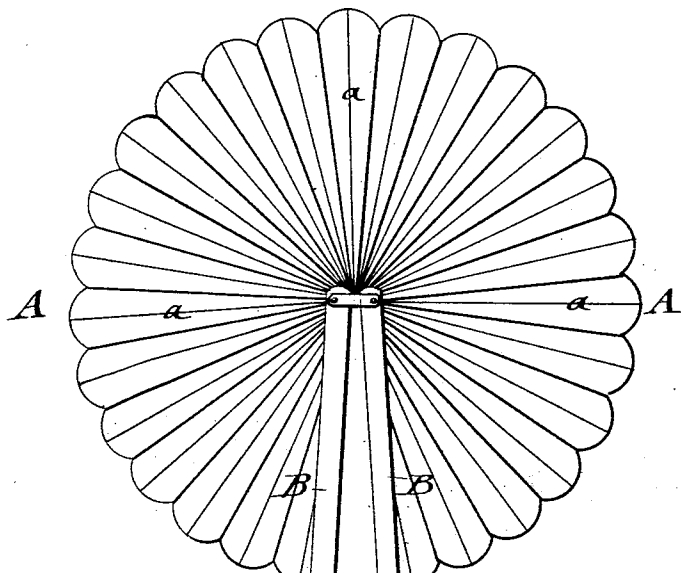


Fig: 2.

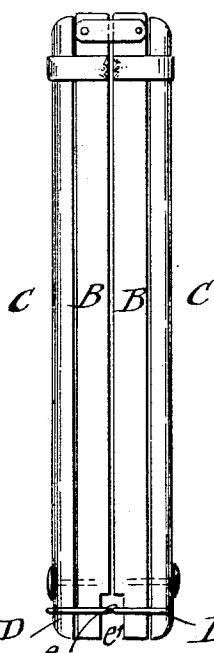
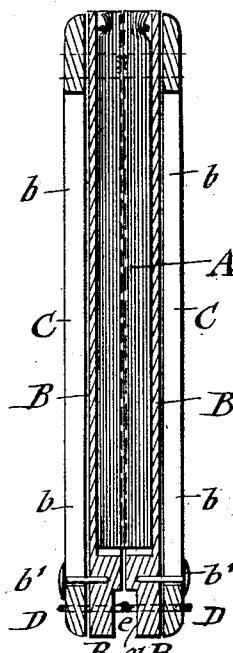


Fig:3.



2 Fig: 4 2

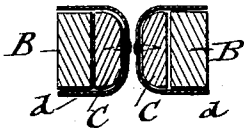
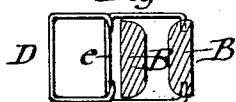


Fig:5.



Fig: 6.



WITNESSES:

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SPECIFICATION forming part of Letters Patent No. 541,392, dated June 18, 1895.

Application filed March 6, 1895. Serial No. 540,737. (No model.)

To all whom it may concern:

Be it known that I, HERMAN SCHEUER, a citizen of the United States, residing in the city, county, and State of New York, have invented certain new and useful Improvements in Fans, of which the following is a specification.

This invention relates to certain improvements in the fan for which Letters Patent were granted to Gustav Brueck, No. 234,750, dated November 23, 1880, and in which the web of the fan is made of a single piece of flexible material formed of radial folds, rigid strips having pivotal connection at their inner ends, connected with the ends of the web, and sliding-handles on said rigid strips by which the fan after being folded up can be reduced in size and conveniently carried in the pocket.

The object of this invention is to apply this construction to that class of fans in which the web is folded into box-like sections at the ends; and for this purpose the invention consists of a fan composed of a web, cut from a single piece of flexible material and formed into a series of radiating folds, box-like strips attached to the ends of the web and having a pivotal connection at their inner ends, sliding-handles that are guided along the outside of said box-shaped strips, and a locking-link pivoted to the outer end of one sliding handle and provided with a transverse portion arranged between the ends of the link and adapted to lock the handles when they are extended and the fan opened for use, and for locking the handles together when the fan is folded up into its box-shaped strips.

In the accompanying drawings, Figure 1 represents a front elevation of my improved fan, showing the same in open position and the sliding handles extended and locked together. Fig. 2 shows my improved fan in folded position, with the handles in position alongside of the fan. Fig. 3 is a vertical longitudinal section of Fig. 2. Figs. 4, 5, and 6 are horizontal sections, respectively, on lines 4 4, 5 5, and 6 6 of Fig. 1.

Similar letters of reference indicate corresponding parts.

Referring to the drawings, A represents the web of the fan which is cut in circular form from a single piece of flexible material and

folded in a series of radial folds *a*, so that it can be readily unfolded in the position shown in Fig. 1, or folded up in the position shown in Fig. 2.

To the end-folds of the web A are applied box-shaped strips B which are made of wood or other suitable material, into which the web is folded, so that the same is fully inclosed and protected when carried in the pocket. The ends of the box-shaped strips B, B, are connected by a pivotal connection with each other so that the strips B, B, can be readily turned on the pivots and the web of the fan extended into disk-shape or folded up in the manner of fans of this class.

To the outside of the box-shaped strips B, B, are applied sliding-handles C, C, which are provided with longitudinal slots *b* by which the handles are guided on headed stationary pins *b'* near the outer ends of the box-shaped strips B, B, so that the handles can be drawn out and form an extension of said strips. For imparting a certain degree of steadiness, when the sliding-handles are extended, they are provided at their inner ends with U-shaped guide-pieces *d* that extend around the box-shaped strips *b*, said guide-pieces being finished in any suitable ornamentation so as to improve the appearance of the fan. To the opposite end of one sliding-handle C is pivoted a locking-link D, which is preferably bent of suitable wire and provided with a twisted transverse portion *c* which serves for the purpose of locking the handles together when they are slid out along the strips B, B, as shown in Fig. 1, while the outer portion of the locking-link D is used for locking the strips and handles together when the fan is folded up in the position shown in Fig. 2. The outer ends of the strips B, B, are provided with recesses *e'* for permitting the transverse portion *e* of the locking-link to enter freely between the ends of the strips when the fan is folded up as shown in Fig. 2. The pivoted locking-link D serves thus for the two-fold purpose of connecting the sliding-handles when they are drawn out and placed in proximity to each other after the fan is opened and for locking the handles and strips together when the fan is folded up and the sliding-handles are returned alongside of the strips for carrying the fan in the pocket. As

the strips and the sliding-handles can be covered with leather, metal, muslin or other suitable fabric, a neat appearance is imparted to the fan, which has the advantage that it
5 can be readily changed from open to closed position and vice versa, so as to be carried in the pocket or applied for fanning.

Having thus described my invention, I claim as new and desire to secure by Letters
10 Patent—

A fan, consisting of a web made from a single piece of flexible material and formed with a series of radiating folds, box-shaped strips to which the ends of said web are at-
15 tached, a pivotal connection between the in-

ner ends of the strips, sliding-handles guided along the outside of said strips, and a locking-link pivoted to the outer end of one of the sliding-handles and provided with a transverse portion arranged between the ends of 20 the link, said link being adapted to lock the handles together when the fan is in open or closed position, substantially as set forth.

In testimony that I claim the foregoing as my invention I have signed my name in pres- 25 ence of two subscribing witnesses.

HERMAN SCHEUER.

Witnesses:

PAUL GOEPEL,
GEORGE W. JAEKEL.