

G. WIGAND & F. J. SCHROEDER.

FAN.

APPLICATION FILED JUNE 25, 1908.

902,633.

Patented Nov. 3, 1908.

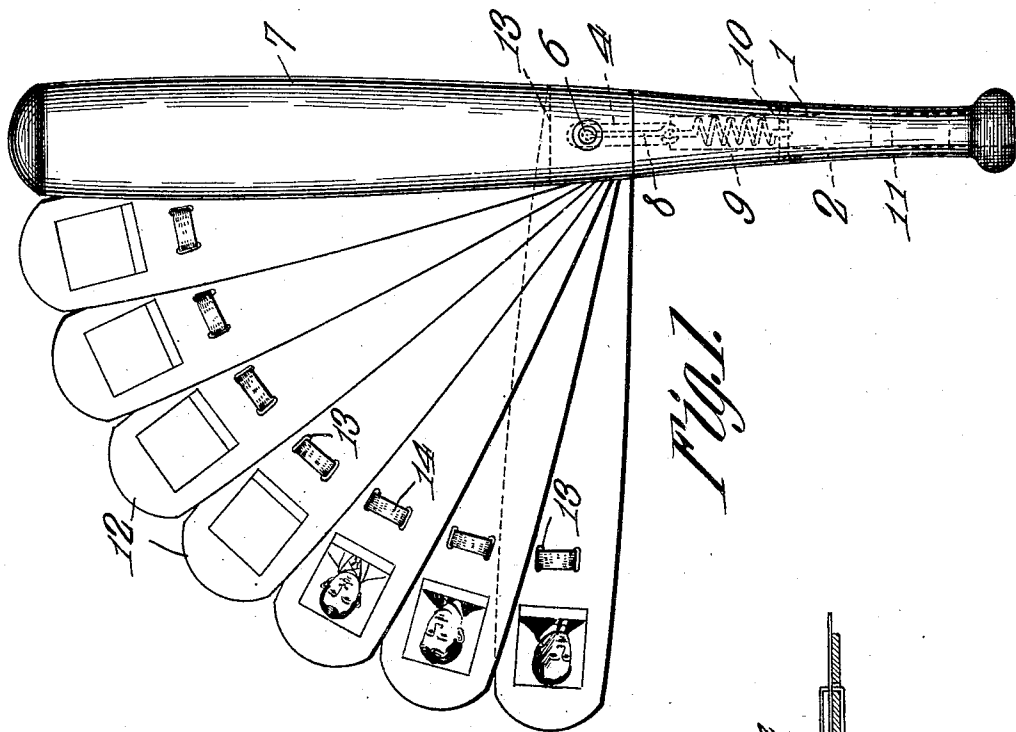


Fig. 1.

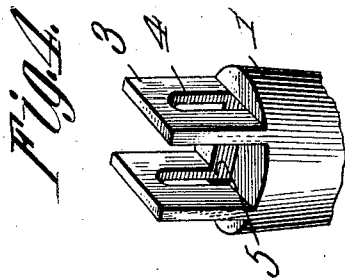


Fig. 4.

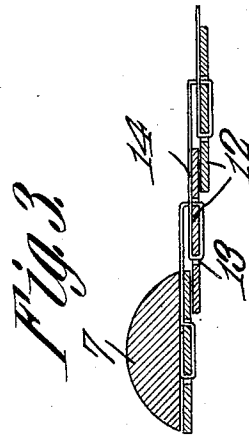


Fig. 3.

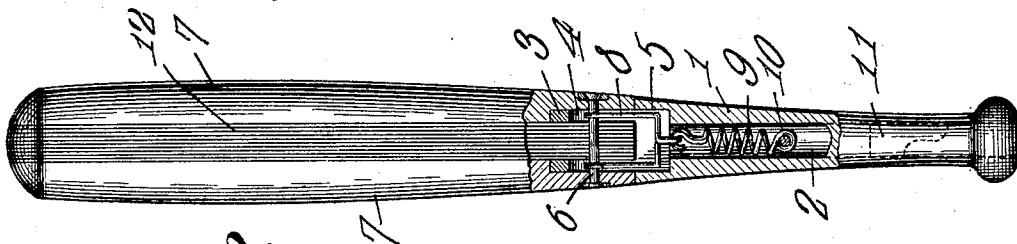


Fig. 2.

Witnesses

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UNITED STATES PATENT OFFICE.

GEORGE WIGAND AND FRANK J. SCHROEDER, OF ALTOONA, PENNSYLVANIA.

FAN.

No. 902,633.

Specification of Letters Patent.

Patented Nov. 3, 1908.

Application filed June 25, 1908. Serial No. 440,412.

To all whom it may concern:

Be it known that we, GEORGE WIGAND and FRANK J. SCHROEDER, citizens of the United States, residing at Altoona, in the county of Blair and State of Pennsylvania, have invented a new and useful Fan, of which the following is a specification.

This invention relates to fans particularly designed for use as an advertising novelty.

The object of the invention is to provide a fan designed to be folded so as to represent some object such for example as a base ball bat.

A further object is to provide a fan the blades of which are designed to contain photographs or other illustrations, it being particularly intended to group the pictures upon the fan so that they will, for example, show the members of a club or organization.

A still further object is to provide simple and efficient means for locking the fan either when extended or folded.

With these and other objects in view the invention consists of certain novel features of construction and combinations of parts which will be hereinafter more fully described and pointed out in the claims.

In the accompanying drawings is shown the preferred form of the invention.

In said drawings: Figure 1 is a front elevation of the fan partly folded. Fig. 2 is a side elevation of the fan entirely folded, portions of the fan being shown in section. Fig. 3 is a transverse section through some of the blades of the fan and showing the flexible connection therebetween. Fig. 4 is an enlarged section through one of the sides and the adjoining blades of the fan and showing the connecting strips engaging the same.

Referring to the figures by characters of reference, 1 designates a handle preferably of wood and shaped in the present instance to simulate the handle portion of a base ball bat. A passage 2 extends longitudinally through the center portion of this handle and projecting from the large end of said handle are parallel ears 3 provided with longitudinal slots 4. These ears are spaced apart a distance equal to the diameter of passage 2 and the slots therein register with longitudinal grooves 5 disposed longitudinally within the wall of passage 2 at diametrically opposite points.

Extending through the slots 4 is a pivot pin 6 on which is pivotally mounted a pair

of strips 7 designed, when in alinement with the handle portion 1, to form continuations of the corresponding or adjoining surfaces of the handle portion. The pivot ends of these strips are squared so as to fit firmly against the large end of the handle portion 1 either when the strips are in alinement with the handle portion or when they are swung laterally in position at substantially right angles thereto. The inner or adjoining faces of the two strips 7 are preferably flat and disposed in parallel planes.

A yoke 8 is slidably mounted within the grooves 5 and has its ends fastened to the pin 6. The middle portion of this yoke has a spring 9 fastened to it, said spring extending into the passage 2 and being attached to a holding pin 10 arranged transversely within the handle portion. Any suitable sounding device such as a whistle 11 may be arranged within the passage 2.

Mounted upon the pin 6 and between the ears 3 is a series of blades 12 each of which is of the same contour as the strips 7. Said blades, however, have both faces flat and may be formed of cardboard, celluloid, or other like material whereas the strips 7 are preferably formed of wood. Each blade 12 has parallel longitudinal slits 13 therein adjacent the longitudinal edges thereof and a ribbon 14 or other flexible device is looped through the slitted portion of each blade as shown in Fig. 3, the end blades 12 being glued or otherwise fastened to the strips 7 with the terminals of the ribbon 4 disposed therebetween. A photograph or other illustration can be placed upon each of the blades so that when the fan is opened all of the photographs will be exposed to view.

To fold the fan strips 7 are swung toward each other upon the pivot pin 6 until they are brought into alinement with the handle portion 1, this swinging action causing the corners of the pivot ends of the strips 7 to push against the handle portion and extend the spring 9 until said strips assume positions in alinement with the handle portion whereupon the spring contracts and draws the ends of the strips firmly against the handle portion. In the form of device shown in the drawings the parts when moved into this position correctly simulate a base ball bat. To open the fan the foregoing operation is reversed and the spring obviously acts to bind the sides of the strips 7 onto the end of handle portion 1. When the fan is

thus extended all of the illustrations upon the blades will be exposed to view.

The device herein described is especially adapted for use by base ball enthusiasts and the pictures upon the blades may be those of the members of a favorite base ball team.

What is claimed is:

1. A fan comprising a handle portion, longitudinally slotted guides outstanding therefrom, a pivot device slidably mounted within the slots, a spring within the handle portion for controlling the movement of said device, side strips pivotally mounted upon said device and having angular ends constantly bearing against and movably engaging the handle portion, and flexibly connected blades pivoted upon said device and between and connected to, the side strips.
2. A fan comprising a tubular handle por-

tion having outstanding slotted guides thereon, a yoke slidably mounted within the guides, a pivot device carried by the yoke, side strips pivotally mounted upon said device and having angular ends, blades pivotally mounted upon said device and between and flexibly connected to the side strips, and a spring within the handle portion and connected to and controlling the movement of the yoke.

In testimony that we claim the foregoing as our own, we have hereto affixed our signatures in the presence of two witnesses.

GEORGE WIGAND.
FRANK J. SCHROEDER.

Witnesses:

EDWARD A. RIES,
FRED SCHROEDER.