No. 842,712. PATENTED JAN. 29, 1907.

A. SCHOENHUT.

KNOCKDOWN TOY STRUCTURE.

APPLICATION FILED APR. 5, 1906.

2 SHEETS—SHEET 1.

Fig. 4.

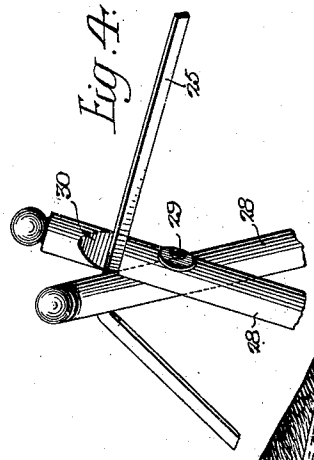


Fig. 1.

Witnesses:
Titus B. Sous.
Hamilton D. Turner

Inventor.
Albert Schoenhut.
by his Attorneys;
Howson & Howson

THE NORRIS PETERS CO., WASHINGTON, D. C.

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2 SHEETS—SHEET 2.

Fig. 2.

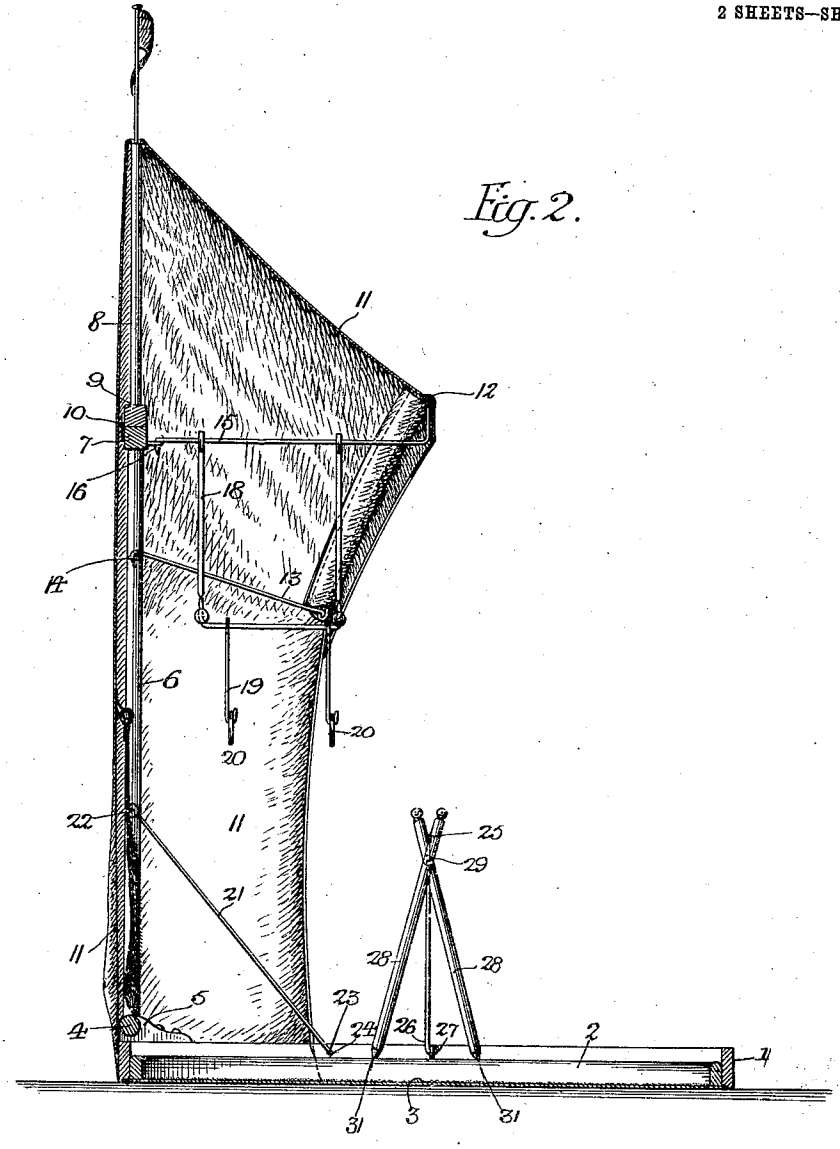
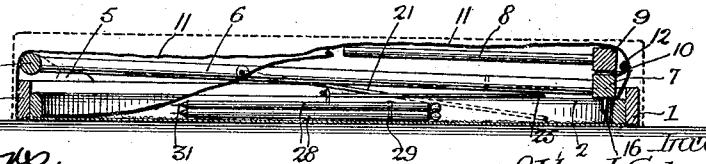


Fig. 3.



Witnesses
Titus F. Jones.
Hamilton D. Turner

Inventor:
Albert Schoenhut.
by his Attorneys Howson & Howson

THE NORRIS PETERS CO., WASHINGTON, D. C.

UNITED STATES PATENT OFFICE.

ALBERT SCHOENHUT, OF PHILADELPHIA, PENNSYLVANIA.

KNOCKDOWN TOY STRUCTURE.

No. 842,712. Specification of Letters Patent. Patented Jan. 29, 1907.

Application filed April 5, 1906. Serial No. 310,152.

To all whom it may concern:

Be it known that I, ALBERT SCHOENHUT, a citizen of the United States, residing in Philadelphia, Pennsylvania, have invented certain Improvements in Knockdown Toy Structures, of which the following is a specification.

My invention comprises a knockdown toy structure, which I have termed a "toy-circus equipment," which has been designed for use in connection with toy animals and toy figures.

The object of my present invention is to provide a setting or staging simulating the usual circus ring and tent and having the usual accessories, and this is fully shown in the accompanying drawings, in which—

Figure 1 is a perspective view of the toy-circus equipment made in accordance with my invention. Fig. 2 is a cross-sectional view taken on the line *a a*, Fig. 1. Fig. 3 is a sectional view of the structure folded or knocked down for transportation, and Fig. 4 is a view illustrating a detail of my invention.

1 represents a box-like base structure containing a circular rim 2, forming the usual circus-ring, and the surface of this base structure is preferably coated with saw-dust, as at 3, to simulate the usual circus-arena.

At the rear of the base structure I mount a rod or bar 4, journaled in brackets 5 at the ends of said base structure near one side of the same, and carried by this rod or bar is a supporting-framework comprising uprights or standards 6, a cross-piece 7 connecting the same, and an upper member or pole 8, carried by a block 9, hinged at 10 to said cross-bar. Carried by this framework is a fabric structure 11, simulating a canopy or tent, the lower edge of which is secured to the base structure. This fabric structure is supported in the forward position at the front by a curved wire 12, disposed in a folded portion of the material, said wire being held in the outward position at the ends to distend the ends of the canopy or tent by means of rods 13, connected to the ends thereof, and engaging eyes 14, carried by the uprights or standards 6. The pole 8 is supported in place by the tension of the fabric covering, and the wire 12 is maintained in the outward position at the center of the structure and distending the roof of the tent or canopy by means of a rod 15, connected to said wire and engaging an eye 16, carried by the cross-piece 7. This arm serves the further purpose of providing a support for the trapeze 18, carrying hooked rods 19, with rings 20.

The tent-supporting structure, comprising the uprights 6 secured to the bar 4 and connected by the cross-piece 7, is maintained in the upright position by means of rods 21, pivoted to the standards at 22 and having lateral extensions 23 at their lower ends, which engage apertures or recesses 24 in the side walls of the base structure.

Directly over the ring 2 I mount a "tight rope" 25, comprising a flat wire set with its narrowest edge uppermost and connected at its ends 26 to eyes 27, secured to the side walls of the base structure. This wire is supported by means of the uprights 28, pivotally connected at 29 for mutual support and having notched portions 30, whereby said wire may be retained in position when once set. These supports 28 have pointed ends 31, which are adapted to enter the material of which the rim 2, forming ring, is composed, as clearly indicated in the drawings.

The tent or canopy and its supporting structure may be folded by disengaging the wire rods 13, 15, and 21, as may be readily understood. The tight rope may also be folded and its supports removed from the edge of the ring and laid in the space within the same, the whole structure occupying but a fraction of its extended position when folded, as illustrated in Fig. 3.

As may be readily seen, the structure is simple in construction, readily set up and supported, and as easily dismantled, the whole affair folding within the limits of the base structure.

I claim—

1. In a knockdown toy, a box-like base structure, a frame hinged thereto, and an open-sided tent or canopy secured to said base structure and supported by said frame.

2. In a knockdown toy, a box-like base structure, a folding frame hinged thereto, and a tent or canopy secured to said base structure and supported by the folding frame.

3. In a knockdown toy, a base structure, a frame hinged to said base structure and capable of being folded thereon, and a tent or canopy of fabric or other suitable material supported by said folding frame.

4. In a knockdown toy, a base structure, a frame hinged to said base structure and capable of being folded therein, supports for said frame carried by the base structure, and a

tent or canopy of fabric or other suitable material secured at its lower edge to said base structure and supported by said folding frame.

5. In a knockdown toy, a base structure, a folding frame carried thereby, a tent or canopy secured to said base structure and supported by the folding frame, and means carried by said folding structure for distending said tent or canopy.

6. In a knockdown toy, a base structure, a folding frame carried thereby, a tent or canopy secured to said base structure and supported by the folding frame, a wire for spreading the front of the tent or canopy, and means carried by said folding frame for supporting said wire in the forward position.

7. In a knockdown toy, a base structure, bearings carried by the ends and at one side of the same, a bar journaled in said bearings, uprights carried by said bar, a tent or canopy secured to the base structure, and means carried by said uprights for supporting and distending the tent or canopy.

8. In a knockdown toy, a base structure, bearings carried by the ends and at one side of the same, a bar journaled in said bearings, uprights carried by said bar, a cross-piece connecting said uprights, a pole hinged to said cross-piece, and a tent or canopy secured to the base structure and supported and distended by said uprights, cross-piece and pole.

9. In a knockdown toy, a base structure, an annular rim disposed within said base structure and forming a "ring," a folding wire connected to the base structure and simulating a tight rope, and means for supporting said wire.

10. In a knockdown toy, a base structure, an annular rim disposed within said base structure and forming a "ring," a folding wire connected to the base structure and simulating a tight rope, and means carried by said rim for supporting said wire.

11. In a knockdown toy, a base structure, an annular rim disposed within said base structure and forming a "ring," supports mounted on said rim, and a folding wire connected to the base structure and upheld by said supports, said wire simulating a tight rope.

12. In a knockdown toy, a base structure, bearings carried by the ends and at one side of the same, a bar journaled in said bearings, uprights carried by said bar and having their upper ends connected by a cross-piece, means carried by said uprights and engaging the side walls of the base structure whereby said uprights may be supported, a tent or canopy secured to said base and disposed when open above the same, a curved wire for distending the forward top portion of the tent or canopy, and means for keeping such portion disposed in the outward position.

13. In a knockdown toy, a base structure, bearings carried by the ends and at one side of the same, a bar journaled in said bearings, uprights carried by said bar and having their upper ends connected by a cross-piece, wire rods carried by said uprights and adapted to engage the side walls of the base structure whereby said uprights may be supported, a tent or canopy secured to said base and disposed when open above the same, a curved wire for distending the forward top portion of the tent or canopy, and means for keeping such portion disposed in the outward position comprising rods secured to said wire and engaging the uprights and cross-piece of the supporting-frame.

14. In a knockdown toy, a base structure, a folding frame connected to the same, a tent or canopy secured to said base structure and supported by said frame, a wire carried by the upper edge of said tent or canopy for spreading the same, rods carried by the frame to hold said tent or canopy in the forward position, one of said rods being disposed in the center and hooking into an eye carried by the cross-piece of the frame, and a trapeze and rings carried by said central rod.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

ALBERT SCHOENHUT.

Witnesses:

MURRAY C. BOYER,

JOS. H. KLEIN.