

No. 772,768.

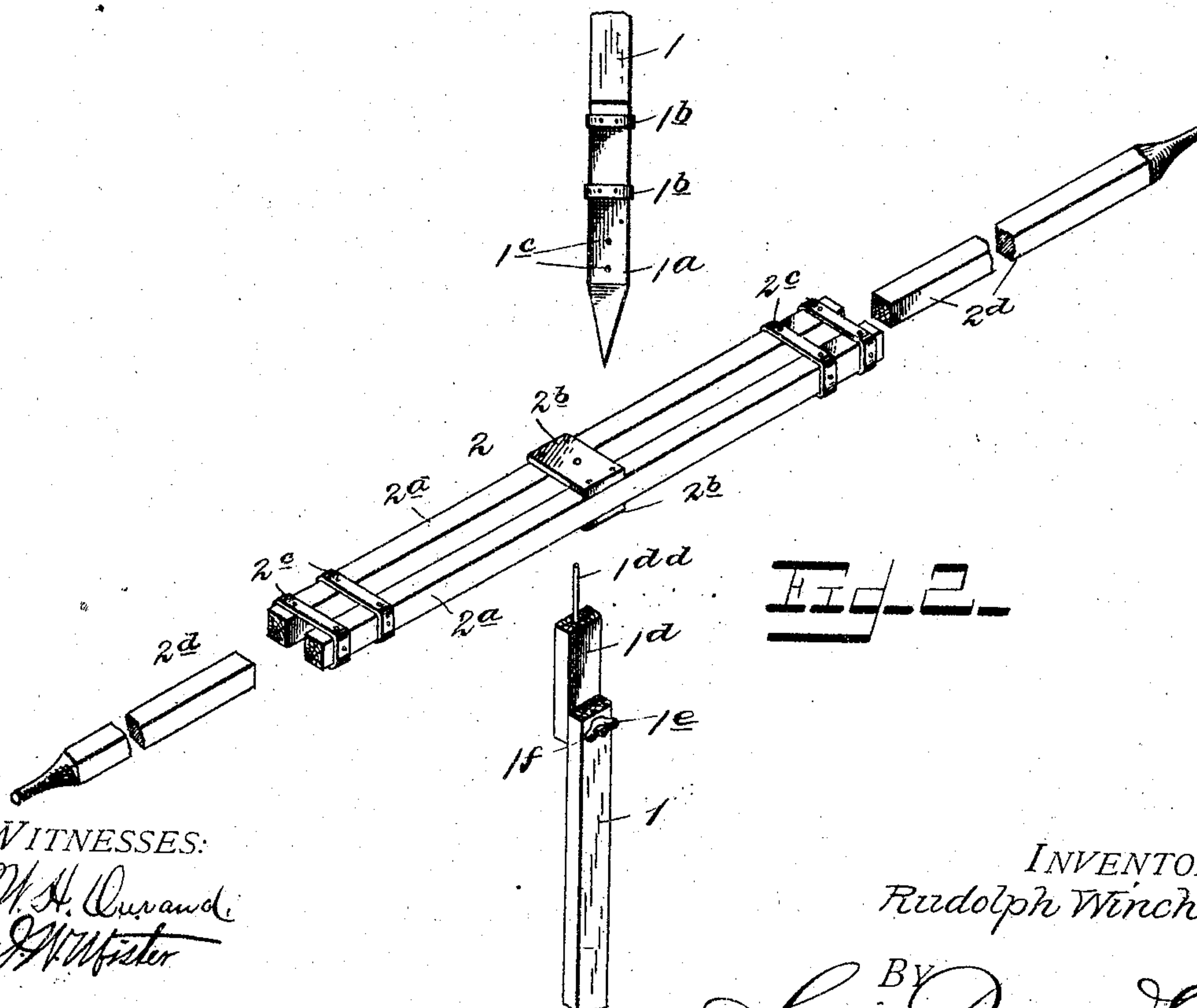
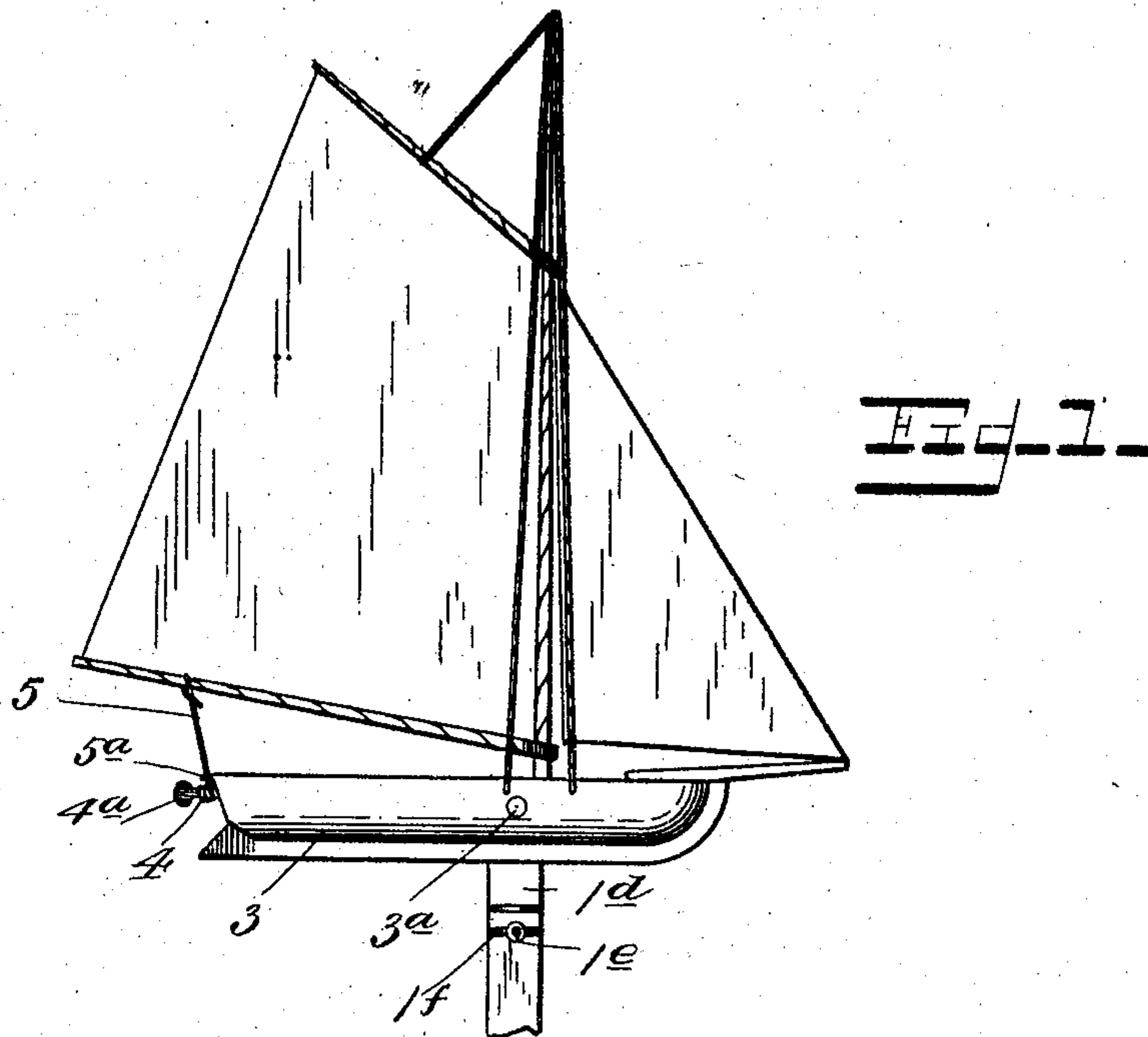
PATENTED OCT. 18, 1904.

R. WINCHEL.
TOY.

APPLICATION FILED DEC. 30, 1903.

NO MODEL.

2 SHEETS--SHEET 1.



WITNESSES:

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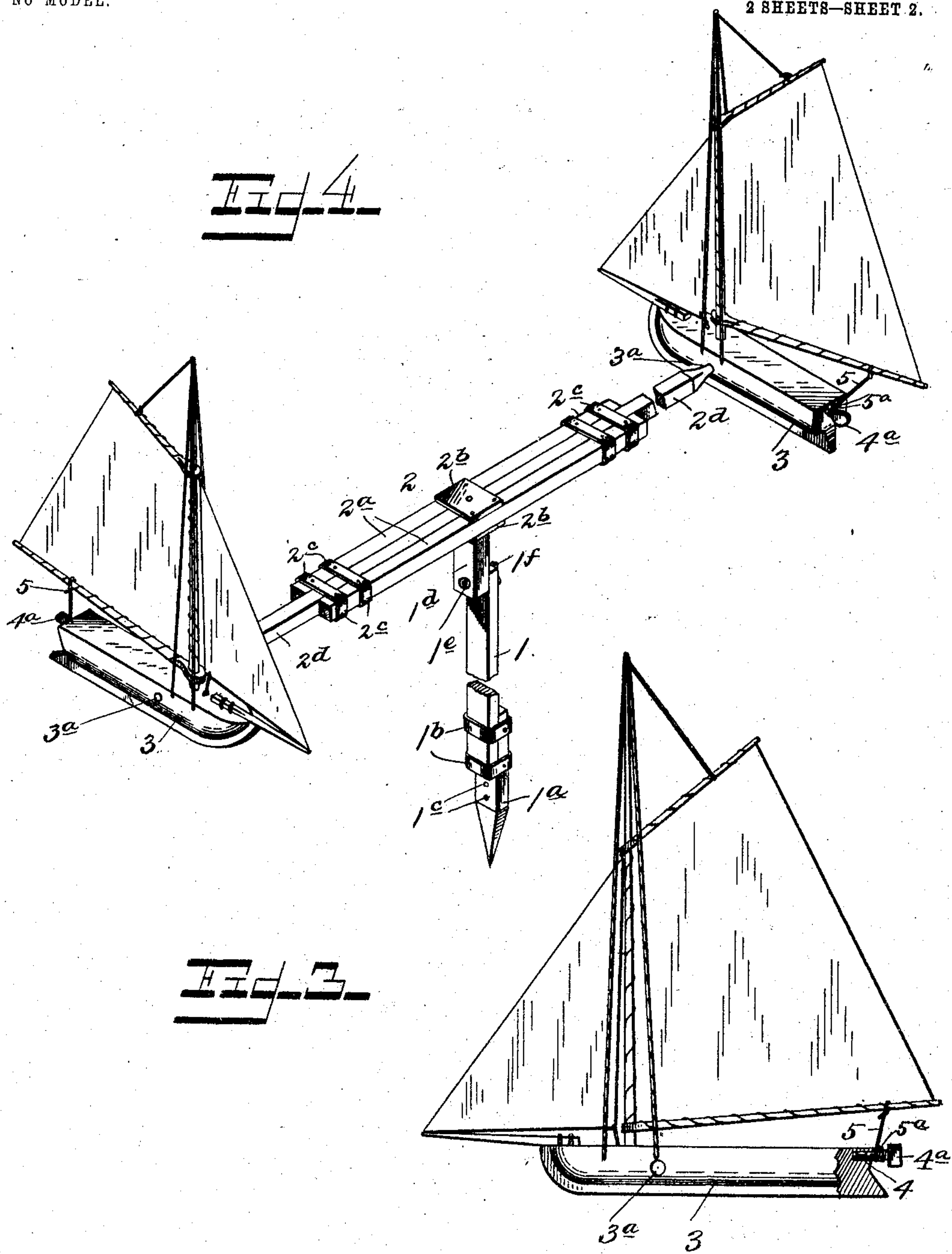
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2 SHEETS—SHEET 2.



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UNITED STATES PATENT OFFICE.

RUDOLPH WINCHEL, OF WEBB CITY, MISSOURI.

TOY.

SPECIFICATION forming part of Letters Patent No. 772,768, dated October 18, 1904.

Application filed December 30, 1903. Serial No. 187,204. (No model.)

To all whom it may concern:

Be it known that I, RUDOLPH WINCHEL, a citizen of the United States, residing at Webb City, in the county of Jasper and State of Missouri, have invented new and useful Improvements in Toys, of which the following is a specification.

My invention relates to improvements in that class of devices which may be utilized as a means of recreation or amusement or as an advertising medium. It may be used, among other purposes, as what may be termed a "merry-go-round," as a souvenir, as a toy, and as media for displaying printed or advertising matter, &c.

Said invention consists of the combination of parts, including their structure, substantially as hereinafter more fully disclosed in the following description, and particularly pointed out by the claim concluding said description.

In the accompanying drawings, illustrating the preferred embodiment of my invention, Figure 1 is a view in elevation thereof. Fig. 2 is a detached perspective view of the horizontally-revolving ship-carrying member, more fully disclosing the extensible arms or sections thereof. Fig. 3 is a detail broken side view of one of the wind or air actuated bodies or ships, showing more especially the sail-reefing appliance or feature thereof as in controlling the motion or velocity thereof. Fig. 4 is a perspective view of the ship-carrying-member supporting-standard, showing more particularly the end pivoted extension thereof.

In the carrying out of my invention I provide a suitable support or standard member 1 of any desired form in cross-section, although shown preferably rectangular, and whose lower end is adapted to be connected to a stake-section 1^a, the same being pointed to permit of its readily entering the ground when driven thereinto and having secured thereto keepers or stirrups 1^b to snugly receive said lower end of standard. Said stake-section instead of being secured in position by insertion into the ground is also adapted by being provided with openings 1^c and the driving-nails or inserting-screws there-

through to be laterally secured in place to any portion of a structure or building or other support to which it may be desired to attach the same. Said standard has an upper end extension 1^d, provided with a pin or pivot 1^{da}, arranged at the upper end thereof, for a purpose presently disclosed. The connection between said standard and extension is effected, preferably, by a screw-threaded ended and headed bolt 1^e, passed therethrough and fitted or equipped with a thumb-nut 1^f, whereby said extension may be folded or turned inward to rest its entire length flat upon said standard with the pin or pivot pointing inward out of the way, as would be preferable in boxing the parts for shipment.

A carrying member 2, comprising parallel spaced-apart bars 2^a, preferably secured together about at the center by upper and lower transverse pieces or bars 2^b and at and near the ends by keepers 2^c, is equipped with removable bars, rods, or arms 2^d, slid and held in between the bars 2^a within the keepers 2^c and adapted to be adjusted to project at varying distances from the ends of the latter, according to circumstances, as will be more fully appreciated in connection with other parts described later.

Suitable means for receiving and utilizing the action of the wind or like force—as, for instance, toy or miniature sailing vessels or "ships" 3—are carried by the extensible and removable arms 2^d, the hull or body portion of each of the former having bored preferably therethrough about centrally thereof an aperture 3^a to receive the suitably-shaped outer end of the arm for effecting connection between said parts. Said hulls or bodies may be hollow to contain toy dolls or other small articles or for other purposes. All of the masts and parts of the ships are designed to be readily removable for convenience in packing the same for shipment or storage. In the stern of each vessel or ship is inserted a screw-ended winding shaft or pin 4, having a thumb-piece terminal 4^a for its convenience of ready actuation, and around this shaft or pin is wound or adapted to be wound the slack portion of the gaff or boom controlling line 5, passed through a guiding-eye

5^a, screwed into said stern, to provide for adjusting the sails according as to whether the winds are heavy or light, as will be readily appreciated. As above noted, the carrying-member arms 2^d being endwise movable the ships or parts 3 may be arranged more or less distantly from or nearer to the axial line of the apparatus, agreeably to the force or action of the wind and to accordingly regulate the speed or velocity of the ships as may be desired.

By means of the aforesaid construction and arrangement of parts an amusing and interesting instrument propelled by air or wind may be provided, especially for the delectation of children, and one which may be readily utilized for advertising purposes, as is apparent by making or inscribing the names of merchantable articles or goods or other data upon the ships' sails, the instrument or apparatus in such event being of course displayed in front of a business place. In the latter case it is mentioned that the device may be used as a souvenir, having suitable indicia or data produced, say, upon the sails or hulls, or both, of the ships identifying or connecting up therewith, say, an industrial exposition, said device thus serving, as above noted, as a memento or souvenir. It is also

noted that by suitably constructing the parts as to dimensions, &c., the device may constitute a merry-go-round or roundabout as a means of recreation or amusement for adults as well as for children.

The ships may be made of tin or wire, and more than two in number, as desired, may be used.

Latitude is allowed herein as to changes not germane to the principles of my invention and the same still remain protected.

What I claim is—

In a device of the character described, a supporting-standard having an upper end extension provided with a pivot, a revolving carrying member comprising spaced-apart bars with their central securing portion adapted to receive said pivot, and extensible arms movable laterally between said bars, within keepers secured to the last named, and wind or air actuated miniature bodies connected to said arms.

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

RUDOLPH WINCHEL.

Witnesses:

J. M. PEGG,
D. A. SMITH.