

F. S. E. GEHRKE.

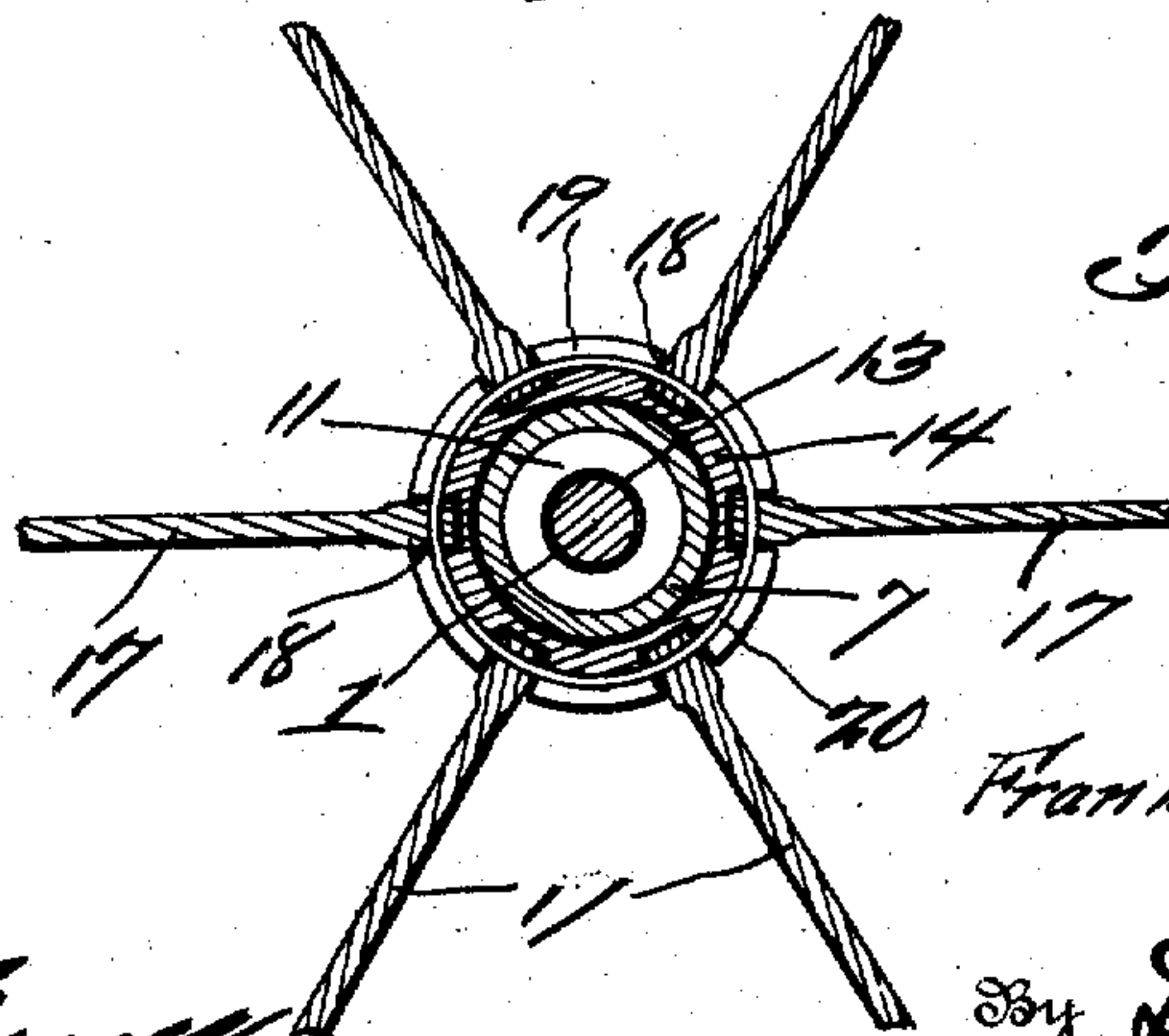
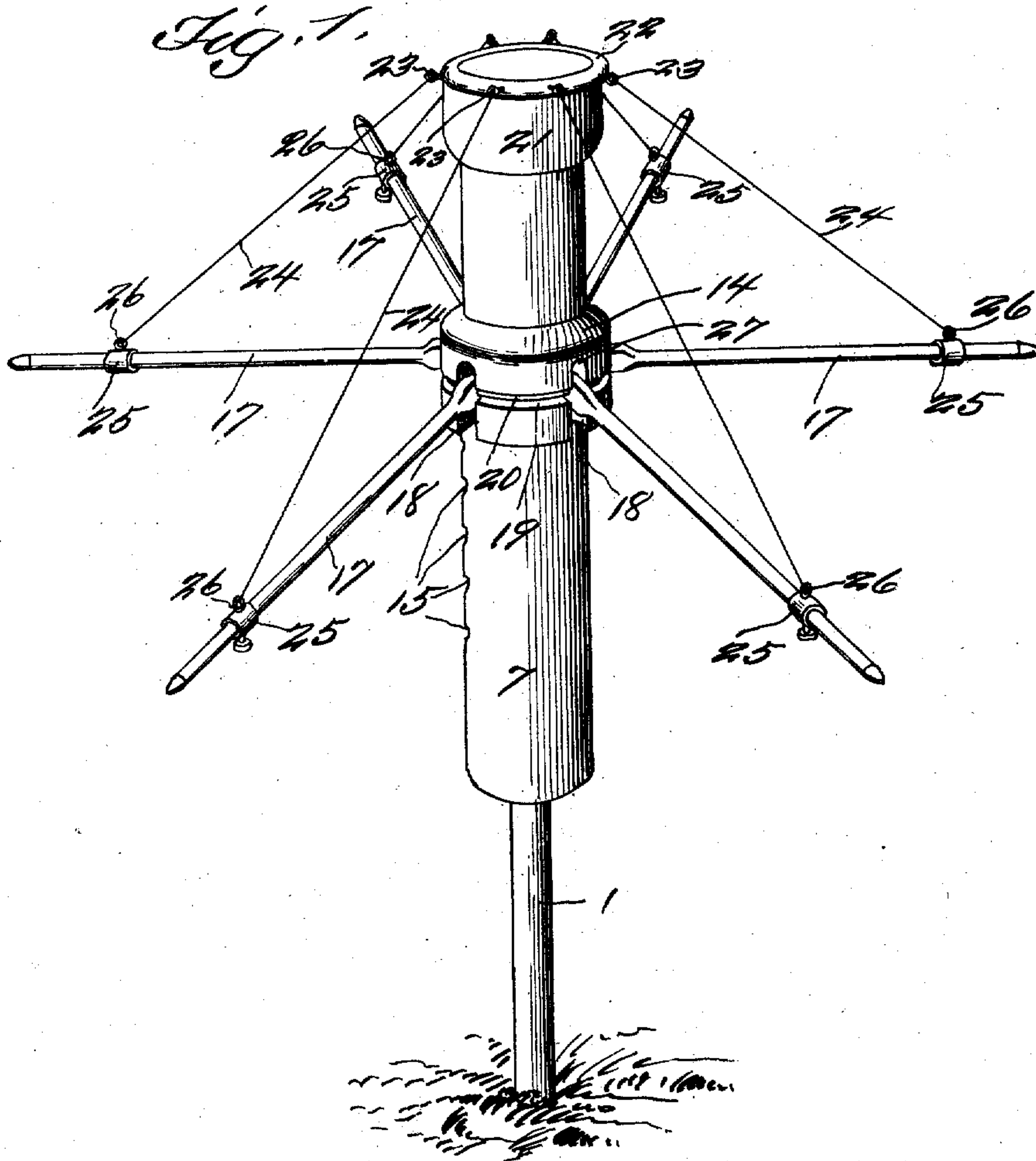
CLOTHES REEL.

APPLICATION FILED MAR. 2, 1910.

984,556.

Patented Feb. 21, 1911.

2 SHEETS—SHEET 1.



Witnesses

Francis J. Brownell
Mark De Grange

Inventor
Frank S. E. Gehrke

By *D. Swift & Co.*

Attorneys

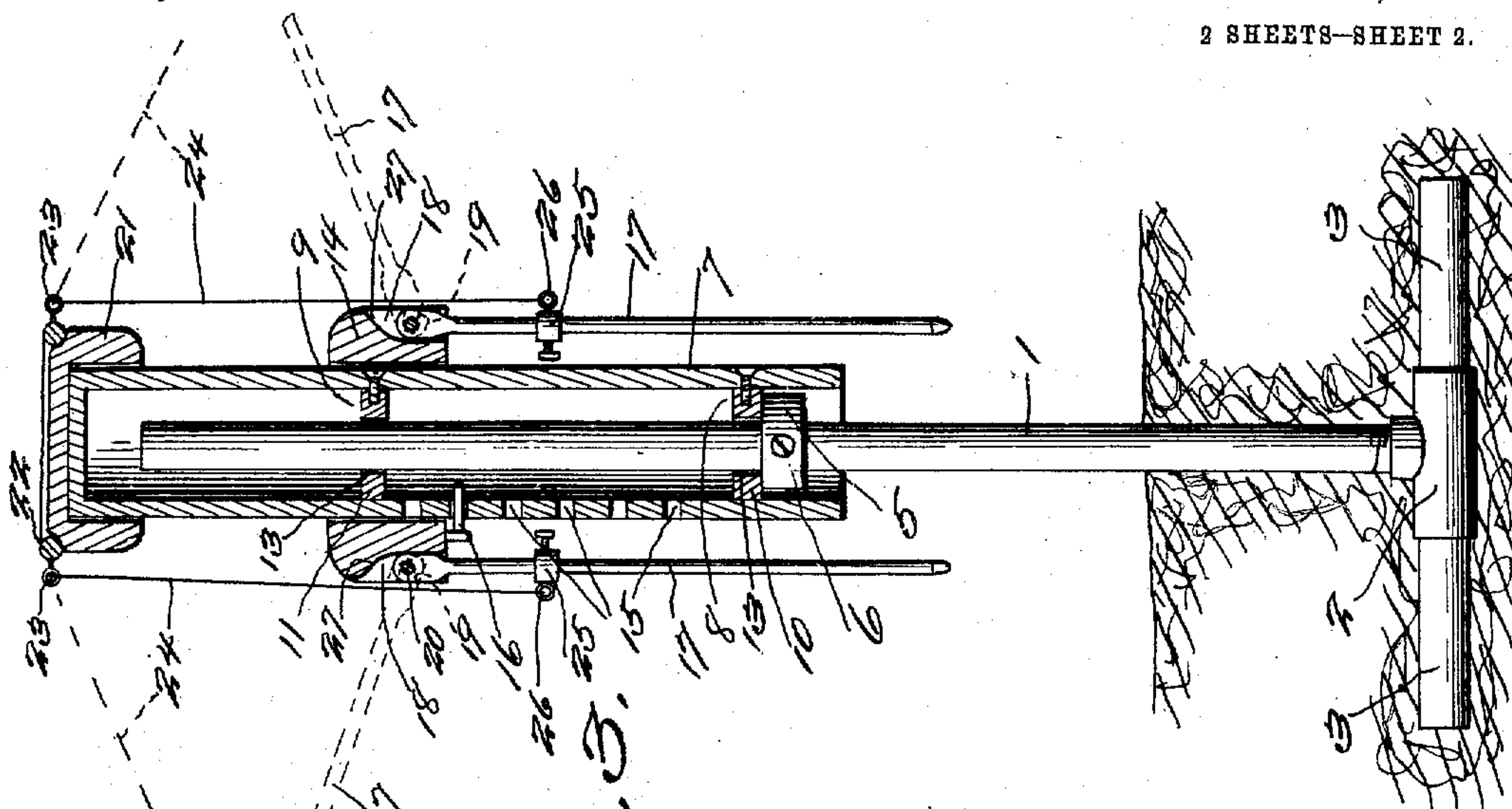
CLOTHES REEL.

APPLICATION FILED MAR. 2, 1910.

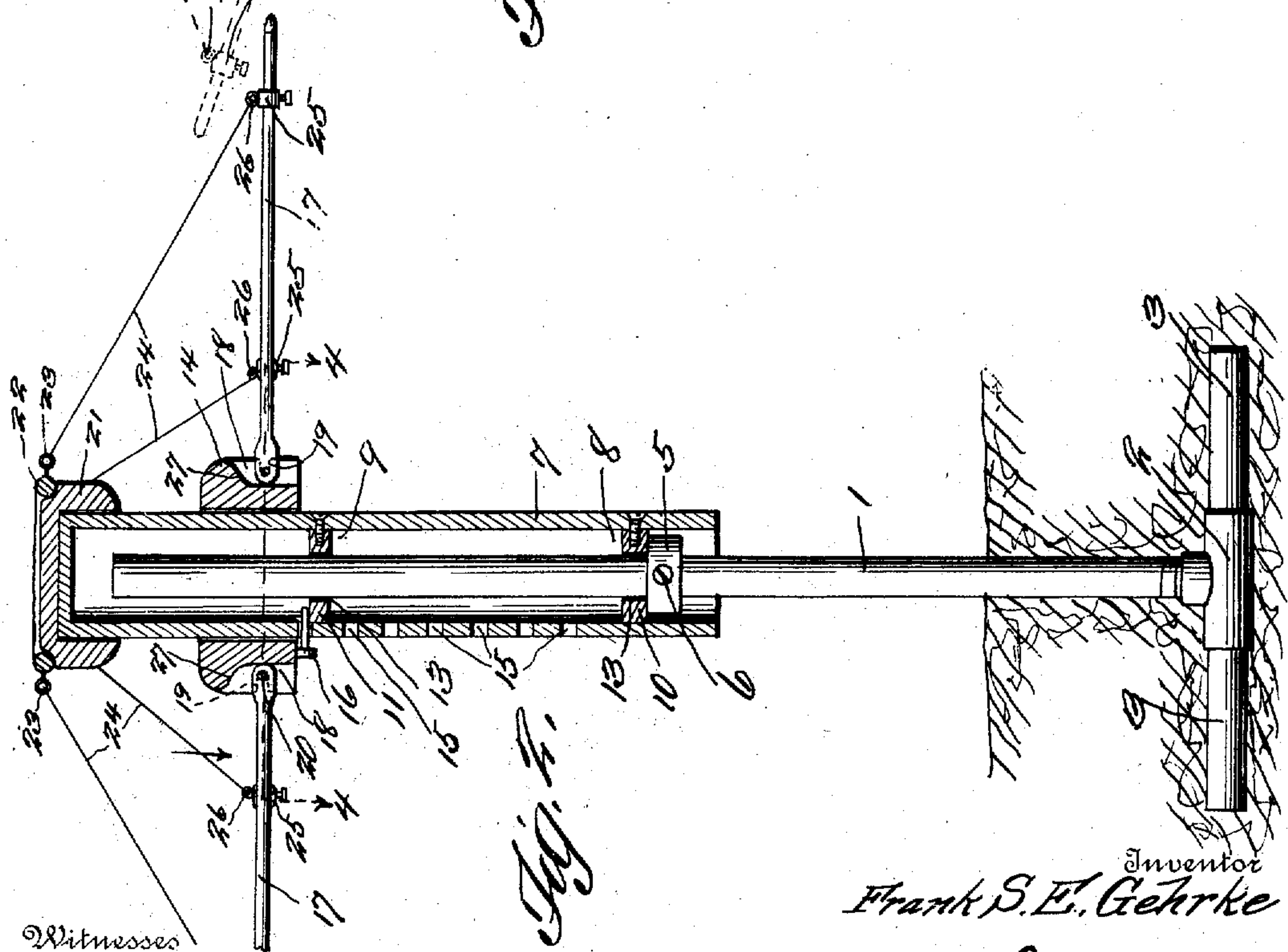
984,556.

Patented Feb. 21, 1911.

2 SHEETS—SHEET 2.



5.
Jes.



July 11

Witnesses

Francis L. Powell.
Mark P. Grange

Inventor
Frank S. E. Gehrke

By D. Swift & Co.

Attorneys

UNITED STATES PATENT OFFICE.

FRANK S. E. GEHRKE, OF MANAWA, WISCONSIN.

CLOTHES-REEL.

984,556.

Specification of Letters Patent.

Patented Feb. 21, 1911.

Application filed March 2, 1910. Serial No. 546,910.

To all whom it may concern:

Be it known that I, FRANK S. E. GEHRKE, a citizen of the United States, residing at Manawa, in the county of Waupaca and State of Wisconsin, have invented a new and useful Clothes-Reel; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention relates to a new and useful reel, from which clothes may be suspended.

A particular form of reel is shown in the drawings accompanying the specification, but the applicant is not to be confined to this exact design. The applicant reserves the right to make alterations in the minor details of construction, which a reduction to practice may call for, provided that by so doing, the spirit of the appended claims is not deviated therefrom.

Referring to the drawings:—Figure 1 is a perspective view of a reel, embodying the novel features of the invention. Fig. 2 is a vertical sectional view through the reel, showing the standard embedded in the ground. Fig. 3 is a view similar to Fig. 2, showing the parts closed, and further disclosing in dotted lines the adjustable collar and its radial arms in a different position than that shown in Figs. 1 and 2. Fig. 4 is a cross sectional view on line 4—4 of Fig. 2.

Referring to the drawings, 1 designates a tubular standard, the lower end of which has threaded thereon a T-union 2. Threaded into this union at each end thereof are two tubular members 3. By this construction carried at the lower end of the standard, a suitable base is afforded, in order to hold the standard in an erect position. This base is embedded in the ground a considerable distance below the surface thereof, so as to insure rigidity for the standard.

The standard at 4 is provided with an adjustable collar 5, which is held in its adjusted position by means of a set screw 6. Telescopically received over the standard is a tubular member or pipe 7, which is spaced apart from the standard 1, and upon its inner circumference, at locations designated by 8 and 9, collars 10 and 11 are secured by means of set screws 12. By virtue of the collar 5 of the standard, the tubular member or pipe 7 may be adjusted in various

positions, and held in such positions upon the standard by the screw 6. The collars 10 and 11 are apertured at 13 for the reception of the standard.

Surrounding the tubular member or pipe 7 and slidable thereon, is a collar 14, which may be adjusted in various positions upon the member 7. To hold the collar 14 in such various positions, the member 7 is provided with a plurality of apertures 15, for the reception of a pin 16. For instance, the pin may be adjusted in one or the other of the apertures 15, and the collar 14 may be manipulated in such wise as to be supported in position by the pin. It is clearly evident that by pushing the collar 14 approximately to the upper end of the member 7, the radial arms 17 may be arranged to assume the positions shown in Fig. 3. To allow the arms 17 to assume the positions as shown in Fig. 3, the collar 14 is provided with vertical grooves 18 (which extend part of the height of the collar) to receive the arms when swung downwardly. It will be seen that the collar 14 is allowed to revolve around the pipe or member 7. The collar 14 is provided with an annular groove 19, which cuts across the grooves 18, at their upper portions. This groove 19 is designed for the purpose of receiving a wire ring 20, on which the various radial arms are pivoted. By pivoting the arms in this manner, the pivoted arms are prevented from displacement.

Fitted over the upper extremity of the tubular member or pipe 7, is a cap 21, constructed at its upper annular periphery in such a manner as to receive a ring 22. By mounting the ring 22 in order to revolve, it will be seen that both the ring and the collar may revolve around the pipe or member 7 when the arms are moved from one position to another, annularly about the standard. In moving the arms annularly about the standard, the ring 22 is more readily moved because the same is lighter, than if the wires or ropes 24 were secured to the cap 21. This ring loosely engages the cap 21, so as to readily revolve thereon. This ring is provided with a plurality of eyes 23, and attached or connected to them are a plurality of cables, wire or ropes 24, which extend outwardly and downwardly. The radial arms 17 are provided with annular rings or bands 25, which are adjusted radially upon the arms,

there being adjustable set screws carried by the rings or bands to hold them in their adjusted positions. These rings or bands 25 are provided with eyes 26, to which the
5 cables, wire or ropes 24, are connected. When the collar 14 is adjusted in a position lower than that shown in Fig. 1, and it is desired to still maintain the arm 17 in a horizontal position, the bands or rings 25
10 may be adjusted inwardly toward the standard 1. If it is desired to dispose the arm 17 in angular positions the collar 14 may be lowered without adjusting the rings or bands 25, by virtue of the angular portions 27 of
15 the grooves 18. By pushing the collar to its uppermost position, and adjacent the cap 21, the outer extremity of the radial arm 17 may be lowered, thereby closing the reel.

The invention having been set forth, what
20 is claimed as new and useful is:—

1. In a clothes reel, a standard having a base portion embedded in the ground, a tubular member telescopically received thereon, having collars to space the same apart from
25 the standard, means for holding the tubular member in adjusted positions on the standard, a collar adjustably and slidably mounted on the tubular member, having pivoted arms, means for holding the collar in various ad-
30 justed positions on the tubular member, said tubular member having a cap at its upper portion, provided with a revoluble ring, cables connecting the ring and the outer portions of the arms, and means for adjusting

connections between the cables and the outer 35 portions of the arms.

2. In a clothes reel, a standard having a base portion, a tubular member having an opened lower end and a closed upper end telescopically received by the standard, col- 40 lars spaced apart and secured within the tubular member for guiding the same when raised or lowered, a collar having radial recesses in its circumference, arms having their ends received in the recesses, said recessed 45 collar having an annular groove, an annular wire penetrating the ends of the arms and received in the annular recess, said tubular member having a cap provided with a revoluble ring, cables connecting the ring 50 and the outer portions of the arms, rings or bands adjustably secured on the arms and having connections with the outer ends of said cables, said tubular member having a plurality of apertures, a pin receivable by 55 one or another of the apertures whereby the recessed collar may be held in adjusted positions, and a collar having means for holding it in adjusted positions upon the standard for engaging the lowermost collar of the tu- 60 bular member.

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

FRANK S. E. GEHRKE.

Witnesses:

CHARLES HORRESHIEL,
B. F. STRONG.