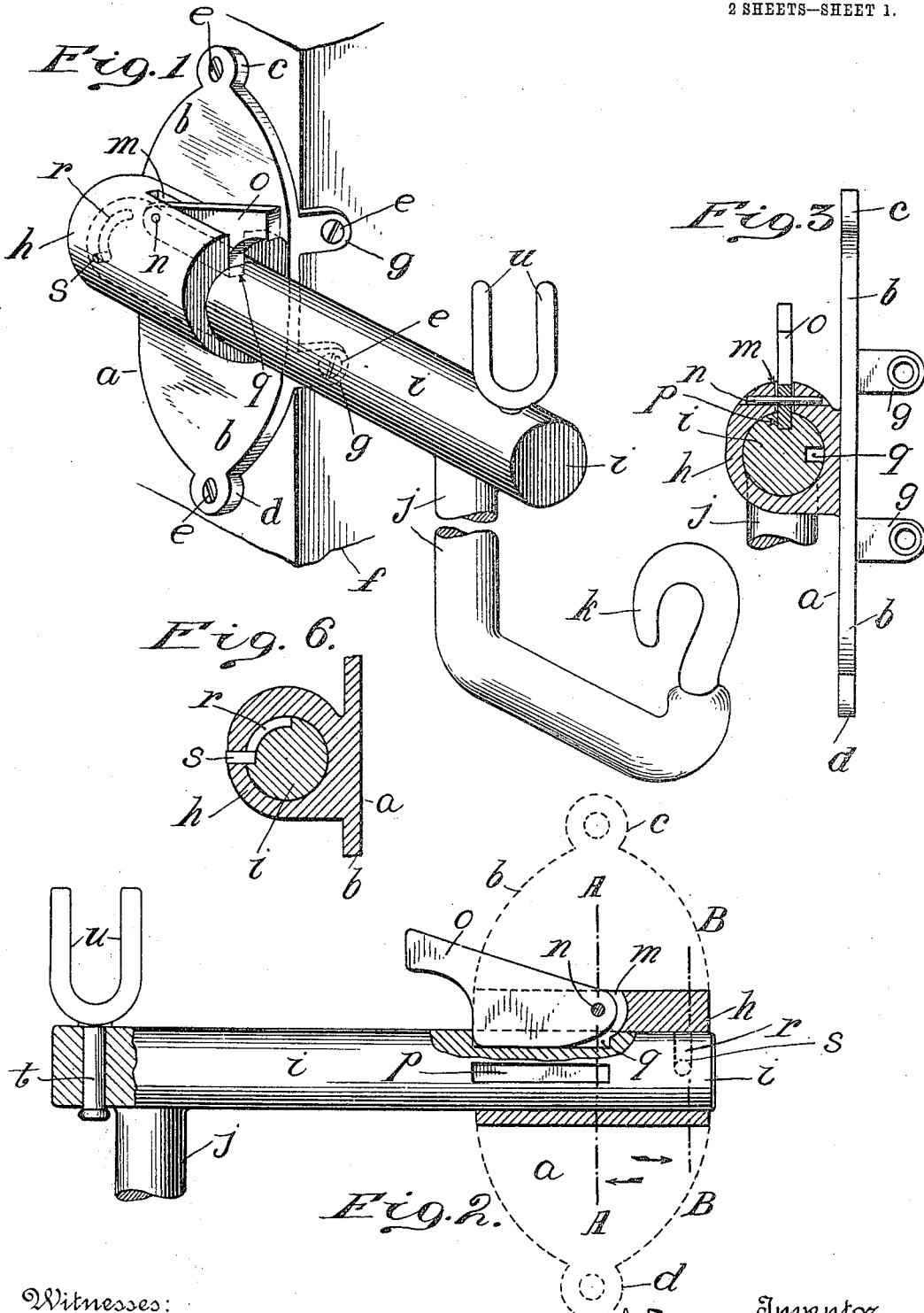


E. J. ECKHARDT.
SAFETY CLOTHES LINE HANGER.
APPLICATION FILED JUNE 14, 1909.

949,700.

Patented Feb. 15, 1910.

2 SHEETS—SHEET 1.



Witnesses:

Mr. Hamilton.
E. S. Carroll.

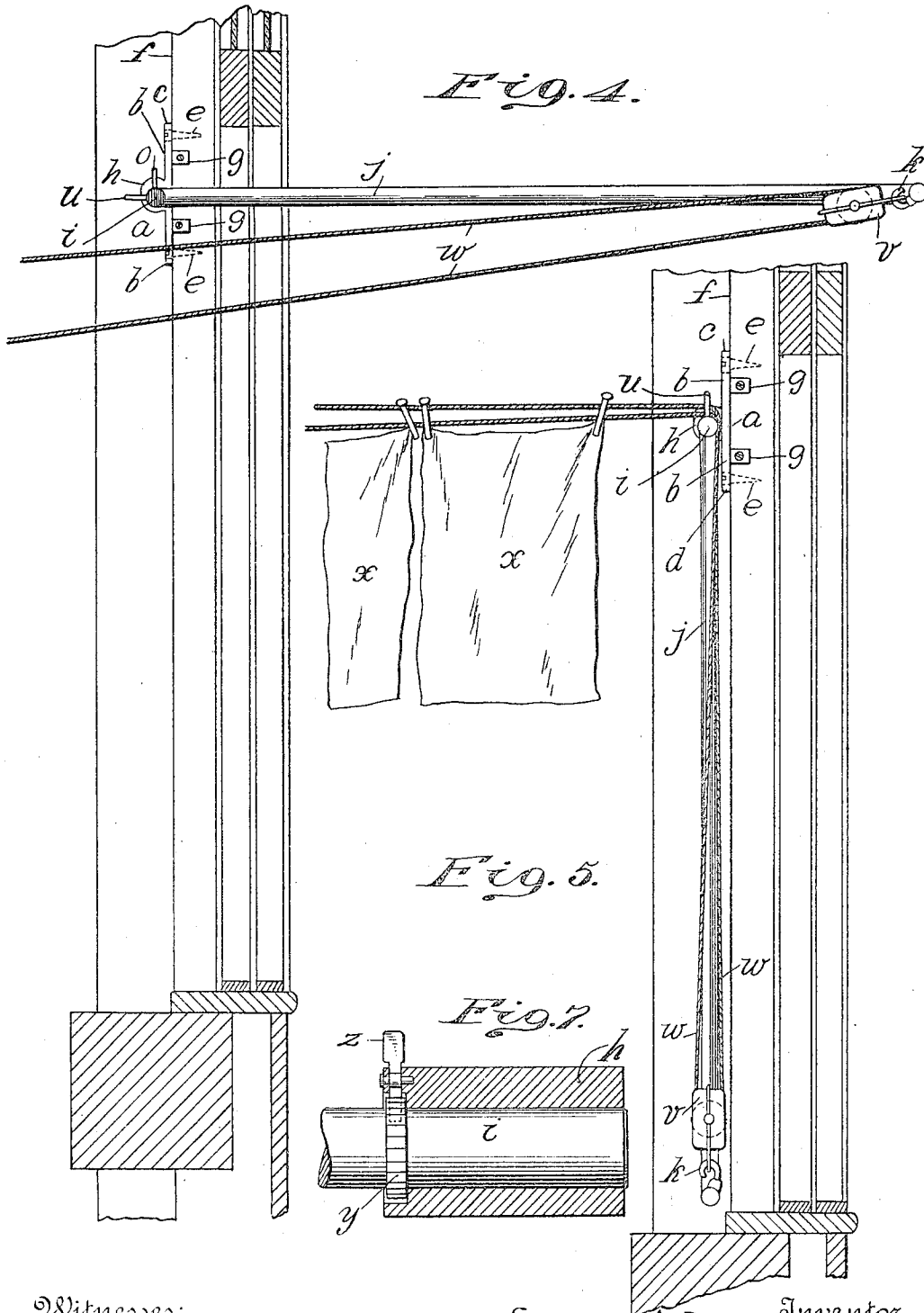
Edward J. Eckhardt Inventor
By his Attorney
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UNITED STATES PATENT OFFICE.

EDWARD J. ECKHARDT, OF BROOKLYN, NEW YORK, ASSIGNOR OF ONE-HALF TO
SIMON MEYER, OF NEW YORK, N. Y.

SAFETY CLOTHES-LINE HANGER.

949,700.

Specification of Letters Patent.

Patented Feb. 15, 1910.

Application filed June 14, 1909. Serial No. 501,897.

To all whom it may concern:

Be it known that I, EDWARD J. ECKHARDT, a citizen of the United States, residing at Brooklyn, in the county of Kings and State
5 of New York, have invented certain new and useful Improvements in Safety Clothes-Line Hangers, of which the following is a specification, reference being had to the accompanying drawings.

10 My invention relates to improvements in clothesline-hangers; and an object of my invention is to provide a device of the class described which will be simple in construction, comparatively cheap in manufacture
15 and efficient, safe and reliable in use.

In the drawings illustrating the principle of my invention and the best mode now known to me of applying that principle, Figure 1 is a perspective view of my new
20 clothesline hanger; Fig. 2 is an elevation thereof; Fig. 3 is a section on the line A—A of Fig. 2; Fig. 4 shows the hanger in position during the time the clothes are being hung upon the clothesline; Fig. 5 shows the
25 hanger in position after the clothes are hung upon the clothesline; Fig. 6 is a section on line B—B of Fig. 2; and Fig. 7 shows a modification.

The hanger-bracket *a* consists of the plate
30 *b* formed with lugs *c*, *d* at its top and bottom, respectively, and through these lugs pass screws *e* by which the plate *b* is fastened to the window-casing *f*. The plate *b* is further
35 formed with lugs *g* at one of its sides through which lugs pass screws *e* to assist in holding the plate in position. The plate *b* is formed with a journal-bearing *h* in which is rotatably mounted a rock-shaft *i*
40 from which depends an integral arm *j* having at its lower end a hook *k*. The journal-bearing *h* is formed with an open-ended slot or recess *m* in the walls of which is mounted
45 a pivot-pin *n*; and on the latter is pivotally fastened the gravity-controlled detent or automatic catch *o*. The end of the shaft *i* which lies in the journal-bearing *h* is formed
50 with a pair of longitudinal grooves or recesses *p*, *q* spaced about ninety degrees apart. These grooves are shaped to receive the detent or catch *o* so that the latter by its engagement with the walls of the grooves locks the rock-shaft *i* and thereby the arm *j* in two positions at ninety degrees from each

other. The rock-shaft *i* is further formed with a circumferential groove *r* into which
55 projects a stop-pin *s* and which extends around the rock-shaft *i* one-fourth of its circumference or through an angle of ninety degrees.

The stop-pin *s* engages the ends of the
60 circumferential groove *r* and limits the turning movement of the rock-shaft *i*. The rock-shaft *i* carries at its outer or free end and near the upper end of the swinging arm *j* a rotatable post *t*, the upper end of which is
65 provided with the fork-fingers *u*. The latter are free to turn on the vertical post *t* as an axis. As is shown in Figs. 4 and 5, the hook *k* carries a pulley-block *v* through which is rove the clothesline *w*. In Fig. 5
70 laundried articles *x* are shown fastened upon the clothesline.

The operation of my new device will be clearly understood from the foregoing description and an inspection of Figs. 4 and
75 5. When it is desired to hang out the washed clothes or to control the clothesline *w* for any other desired purpose, the arm *j* is swung to a horizontal position, as is shown in Fig. 4. The stop-pin *s* limits the
80 movement of the arm *j* and the detent *o* automatically drops into the groove *p* thereby holding the arm *j* in position. The washwoman may now control the clothesline from inside the house. After the laundried
85 articles *x* have been fastened on the clothesline *w*, the line *w* is thrown between the fork-fingers *u* and the latter prevent the parts of the line from becoming twisted or entangled. The catch *o* is then lifted out of
90 the groove *p* and the arm *j* is allowed to fall. The stop-pin *s* again limits the swinging movement of the arm *j* and the catch *o* drops into the groove *q*, thereby locking the arm *j* in vertical position.
95

Certain modifications may be made in the structure hereinbefore described without departing from the spirit of my invention; and I desire to be distinctly understood as claiming my invention in the broadest legally permissible manner. Therefore, I do
100 not wish to be understood as limiting myself to the mechanical details of the structure as shown in the drawings. For example, the rock-shaft *i* may be provided
105 with a ratchet wheel *y* with which coöper-

ates a pawl *z*, as shown in Fig. 7. In this case the catch *o* and the grooves *p*, *q* are dispensed with.

I claim:

5 1. A safety clothesline hanger consisting of an arm; a rock-shaft attached to said arm and formed with grooves; a journal bearing for said shaft; and a catch adapted to engage in said grooves and thereby to
10 hold said rock-shaft and arm in the position determined by the groove in which said catch engages.

15 2. A safety clothesline hanger consisting of an arm; a rock-shaft formed with grooves and attached to said arm; limiting means which determine the limits of the turning movement of said rock-shaft; and a locking device adapted to engage in said grooves

and thereby to lock said rock-shaft and arm in the position determined by the groove in 20 which said device engages.

3. A safety clothesline hanger consisting of an arm; a rock-shaft attached to said arm; a journal bearing for said shaft; and a forked device mounted free to turn in 25 said shaft for preventing the entanglement of the clothesline.

In testimony whereof I have hereunto set my hand at New York city, N. Y., this twelfth day of June, 1909, in the presence of 30 the two undersigned witnesses.

EDWARD J. ECKHARDT.

Witnesses:

FRANK H. SINCERBEAUX,
JAMES HAMILTON.