

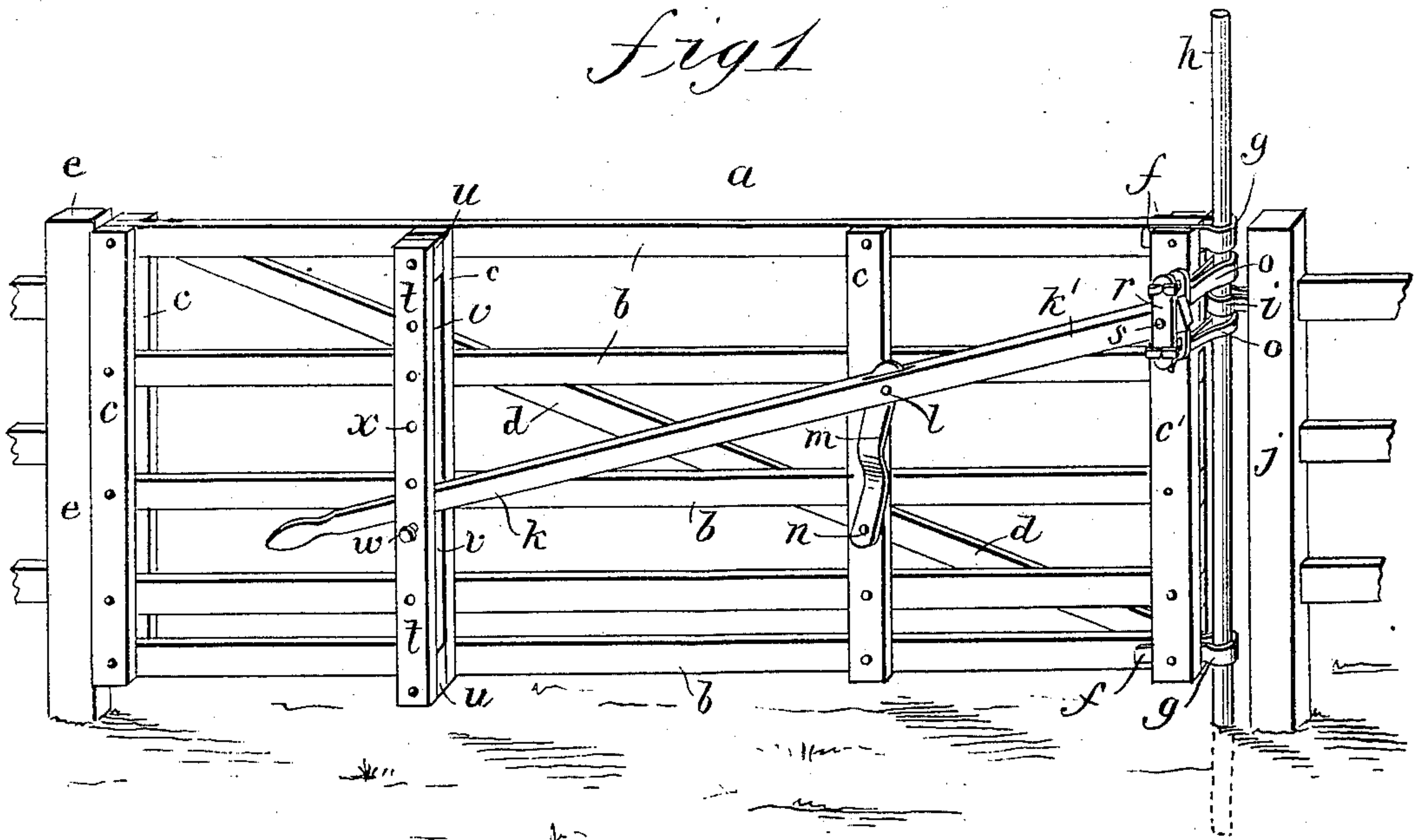
(Model.)

B. SELTING.  
GATE.

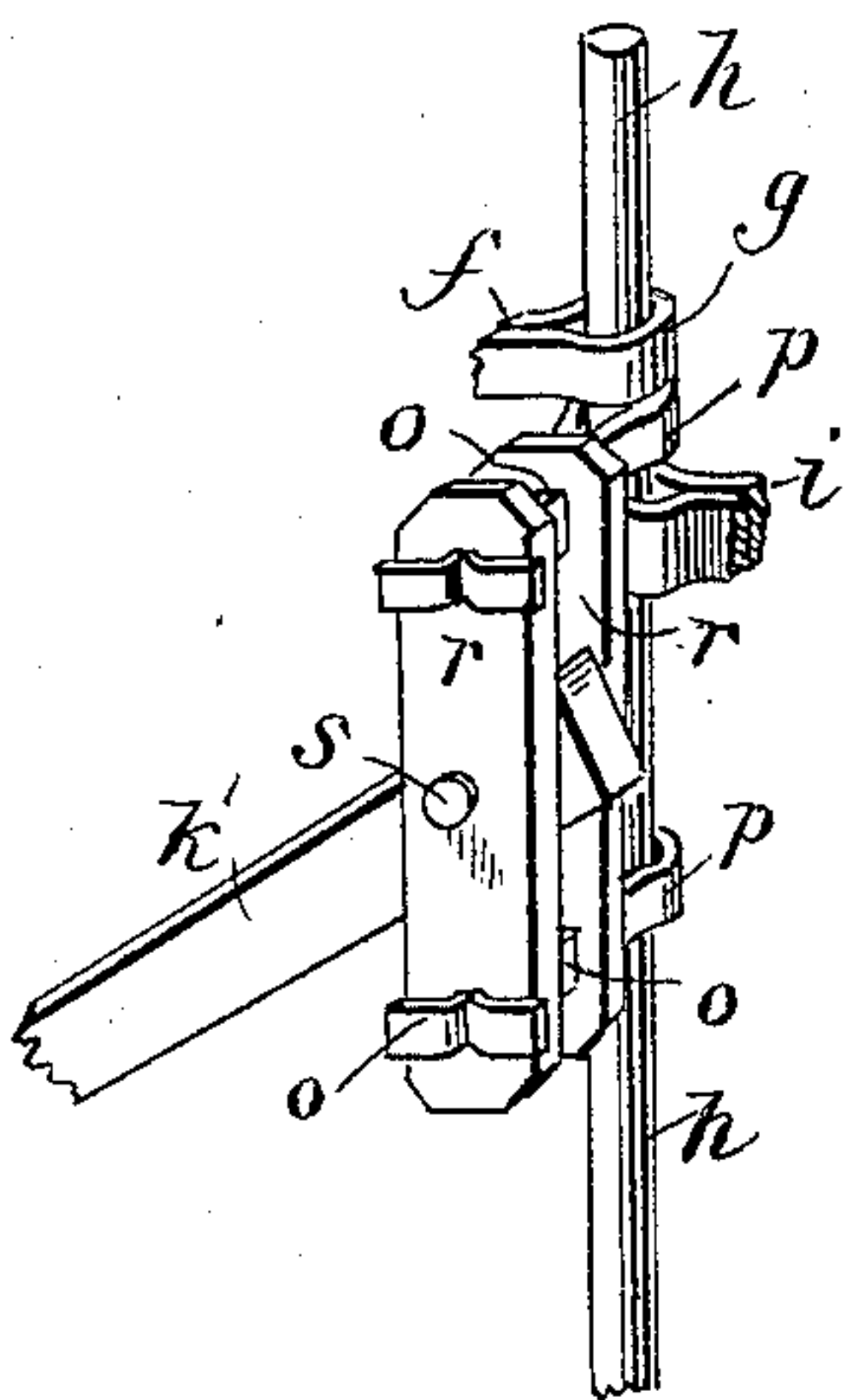
No. 285,689.

Patented Sept. 25, 1883.

*fig 1*



*fig 2*



WITNESSES:

J. S. Farfield  
C. Sedgwick

INVENTOR:

P. Setting

BY

Munn & Co

ATTORNEYS.

# UNITED STATES PATENT OFFICE.

BERNARD SELTING, OF DYERSVILLE, IOWA.

## GATE.

SPECIFICATION forming part of Letters Patent No. 285,689, dated September 25, 1883.

Application filed May 11, 1883. (Model.)

*To all whom it may concern:*

Be it known that I, BERNARD SELTING, of Dyersville, in the county of Dubuque and State of Iowa, have invented a new and Improved Gate, of which the following is a full, clear, and exact description.

My invention relates to that class of gates adapted to be lifted bodily for swinging over snow or other obstructions in opening and closing, the object of the invention being to provide a simple, substantial, and easily-operated gate of this character.

The invention consists of the combination and arrangement of parts, substantially as hereinafter fully set forth and claimed.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar letters of reference indicate corresponding parts in both the figures.

Figure 1 shows my improved gate in perspective view and as closed and locked in a slightly-raised position. Fig. 2 is a detail perspective view of the lever connection with the hinge rod or post.

My improvements may readily be applied to gates of either solid or open construction, and are in this instance employed in hanging and adjusting a gate, *a*, made of horizontal rails *b*, suitable uprights, *c c'*, and the anti-sagging diagonal brace-bar *d*, the uprights *c* next the latch-post *e* being placed at both sides of the rails and bolted or otherwise firmly secured thereto in the usual manner.

Between the top and bottom rails, *b*, and the uprights *c'* of the gate I locate the ends of the straps *f*, which are lapped over both faces of the ends of the rails, and form eyes *g* beyond the end of the gate, which eyes pass over and are fitted to slide vertically on the elongated hinge-post *h*. Post *h* in this instance is supported at the foot in the ground and near the top in an eye or clip, *i*, of any approved kind fitted rigidly to the fence-post *j*; but, if desired, clips *i* may be used to connect the hinge-post *h* to post *j* at both top and bottom, and with the hinge-post foot embedded in or free from the ground.

For adjusting the gate vertically to swing in a higher or lower horizontal plane for clear-

ing snow or other obstructions in swinging open to either side, I arrange on the gate a lever, *k*, fulcrumed at *l* to a fulcrum-block or rest, *m*, which is itself pivoted to the gate at *n*, to accommodate the varying position of the short arm, *k'*, of the lever as its handle end swings above or below the pivot *l* in moving the gate vertically on the hinge-post *h*. To effect this movement of the gate by the lever *k*, said lever is connected to the hinge-post *h* independently of the gate by a shackle device, consisting of straps *o*, bent to form eye-loops *p*, embracing the post *h* above and below clip *i*, and passing by their free ends through apertures of plates *r r*, and clinched or otherwise suitably fastened over the outside plate, *r*. These plates are suitably held apart or spaced to receive between them the end of the short arm, *k'*, of the lever *k*, which lever is connected with the plates by a pivot, *s*, to allow free vertical movement of the lever and a horizontal swing of the shackle device *o p r* on the hinge-post *h* in operating the lever for raising the gate and when swinging the gate open to either side.

To lock the gate at any desired height, I provide a bar, *t*, arranged vertically and preferably over an upright, *c*, of the gate, with spacing-blocks *u* between bars *t* and *c* at the ends, to form a slot, *v*, in which the lever *k* may freely move, and when the gate is raised by lifting the handle end of the lever, (the weight of the moving gate being meanwhile sustained by the upper eye-loop, *p*, of the shackle device resting on the clip *i*,) any suitable pin, *w*, is passed below the lever into one of a series of holes, *x*, in the bars *t c*, on which pin the lever may rest, as shown in Fig. 1.

Any suitable device may be employed to latch the gate to the post *e* for holding the gate closed, and any approved sill-plate may be laid on or in the ground between the posts *e j*, if desired.

Thus constructed and hung the gate may not only be swung open either way from post *e* when raised to any desired height to clear or pass over snow or other obstructions, but the gate may also be partly raised without swinging it open or away from post *e*, to permit the



passage of fowls and small animals beneath it, while preventing the passage of larger animals; and the gate is of simple and inexpensive construction, easy to operate, and durable, because well calculated to resist any strains to which it may be subjected in use.

Having thus fully described my invention, I claim as new and desire to secure by Letters Patent—

10 1. In a gate, the combination, with the vertical post *h*, connected to the hinge-post by clip *i*, of the gate *a*, with hanger-loops *f g*, fitted upon the post *h*, the shackle having looped or eye bars *o o*, the upper one being arranged  
15 between the upper hinged loop and the clip *i*, said eye-bar *o* having cross-plates *r*, the lever *k*, pivoted to the plates *r* of the shackle, and the link *m*, connecting the lever to the gate, substantially as and for the purpose set forth.

2. The combination of gate *a*, hinges *f g*, 20 hinge-post *h*, shackle *o p r*, and lever *k*, pivoted to the shackle at *s* and to the block *m* at *l*, said block *m* being pivoted to the gate at *n*, substantially as shown and described.

3. The shackle constructed with eye-straps 25 *o p*, which engage with and swing on the hinge-post *h*, and a plate or plates, *r*, on or between which the gate-operating lever *k* is pivoted at *s*, substantially as shown and described.

4. The combination of hinge-post *h*, gate *a*, 30 shackle *o p r*, lever *k*, pivoted at *s* to the shackle and at *l* to the swinging fulcrum-block *m*, and the guiding and locking device *t u v w x*, substantially as shown and described.

BERNARD SELTING.

Witnesses:

FRANK C. FROMM,  
JOH. MESSING.