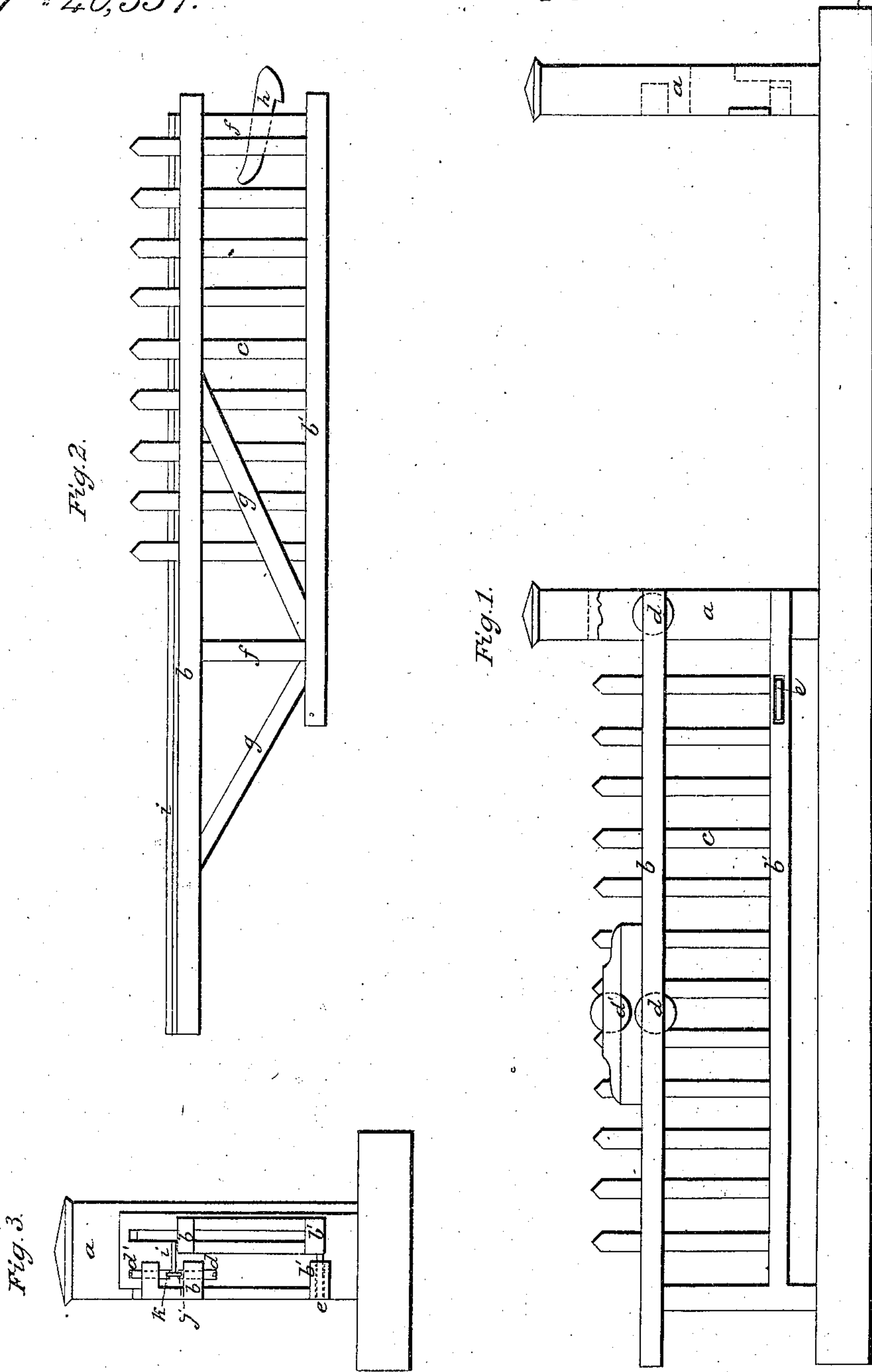


S. C. Farnham.

Rolling Gate.

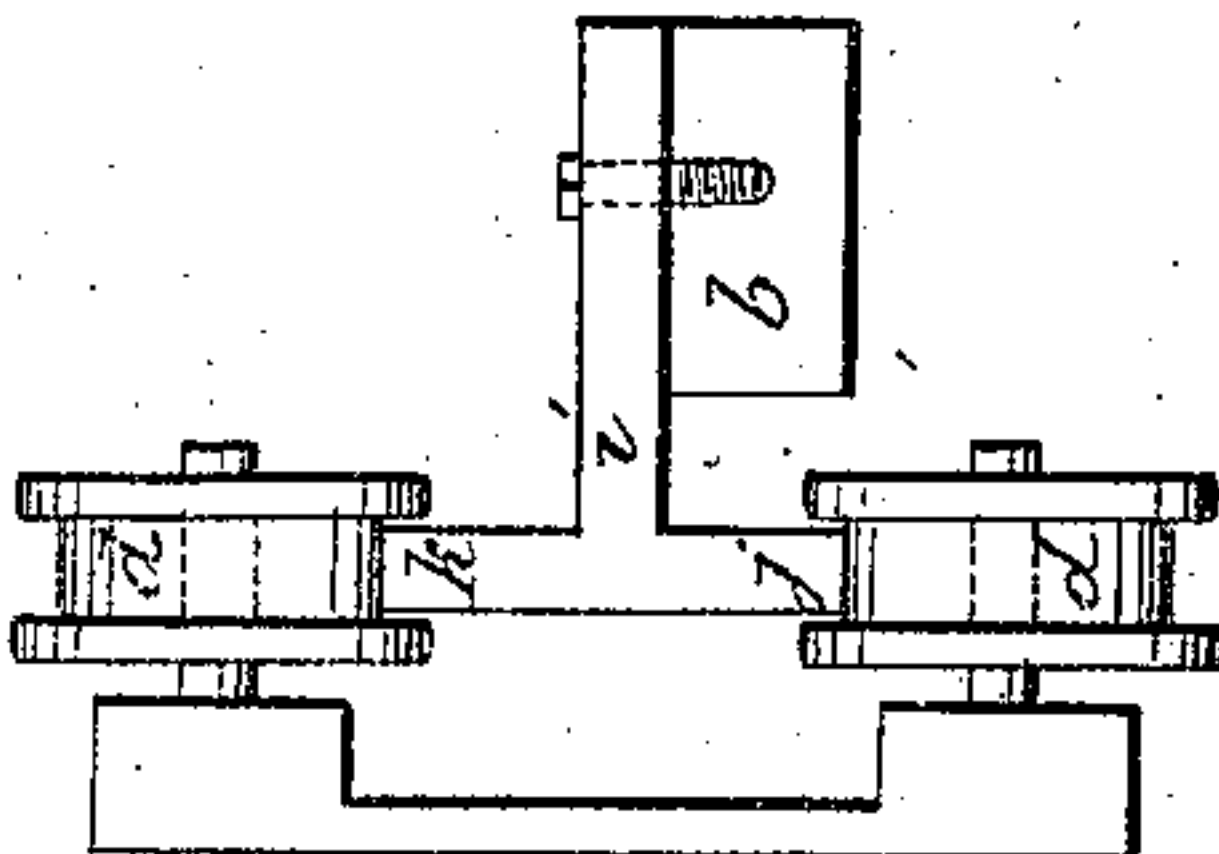
N^o 40,557.

Patented Nov. 10, 1863.



Witnesses.
Albert B. Gillett.
James W. Bliss.

prod. of fig. 3.
Fig. 3.



Inventor.
Sylvester S. Farnham.

UNITED STATES PATENT OFFICE.

SYLVESTER G. FARNHAM, OF EAST HARTFORD, CONNECTICUT.

IMPROVEMENT IN GATES.

Specification forming part of Letters Patent No. 40,557, dated November 10, 1863.

To all whom it may concern:

Be it known that I, SYLVESTER G. FARNHAM, of East Hartford, county of Hartford, and State of Connecticut, have invented a certain new and useful Improvement in Gates; and I do hereby declare that the same is described and represented in the following specification and drawings, and to enable others skilled in the art to make and use the same, I will proceed to describe its construction and operation, referring to the drawings, in which the same letters indicate like parts in each of the figures.

The nature of this improvement in gates will be understood from the specification and drawings.

Figure 1 is a side elevation showing a portion of the fence and the posts on either side of the gateway. Fig. 2 is a side elevation of the gate and shows at one view its mode of construction. Fig. 3 is an end view and shows the manner in which the gate is held and moves back and forth between rolls.

a are posts made and set in the common way each side of the gateway.

b b' are the top and bottom rails of the fence.

c are the pickets, secured to the rails in the ordinary way.

d are friction-rolls having their edges grooved to receive the flange-edge of the T-rail.

d' is a roll arranged just over the other so as to allow the rail T to move freely in the grooves of the under roll, *d*, and the upper roll, *d'*. I also propose sometimes to arrange an

upper roll, *d'*, over the roll *d* on the post *a*, when desirable.

e is another friction-roll arranged in the bottom rail, *b'*, to prevent the lower rail of the gate from sliding against the lower rail of the fence.

b'' and *f* are the frame-work of the gate. *g* are its braces.

h is a hook-latch, by which the gate is held together or closed. The upper rail of this gate is made about once and a half longer than the length of the gate, and extends back by the side of the fence-rail.

i is a T-rail which is secured to the top rail of the gate, the under track, *j*, (for I propose to call the T-rail *i*, a double-track rail, *j* the lower one, and *k* the upper one,) runs in the edge or grooves of the rolls *d d'*, and the upper track, *k*, runs in the grooves of the upper roll *d'*. Now, it will readily be seen that in this arrangement I produce a very simple, cheap, efficient, and durable gate, and one that can easily be operated by a child.

What I claim, therefore, and desire to secure by Letters Patent, is—

Making the upper rail of a gate longer than the gate itself, in combination with a double-track rail-plate *i* and rolls *d*, arranged and operating substantially in the manner as described.

SYLVESTER G. FARNHAM.

Witnesses:

ALBERT B. GILLET,
JEREMY W. BLISS.