

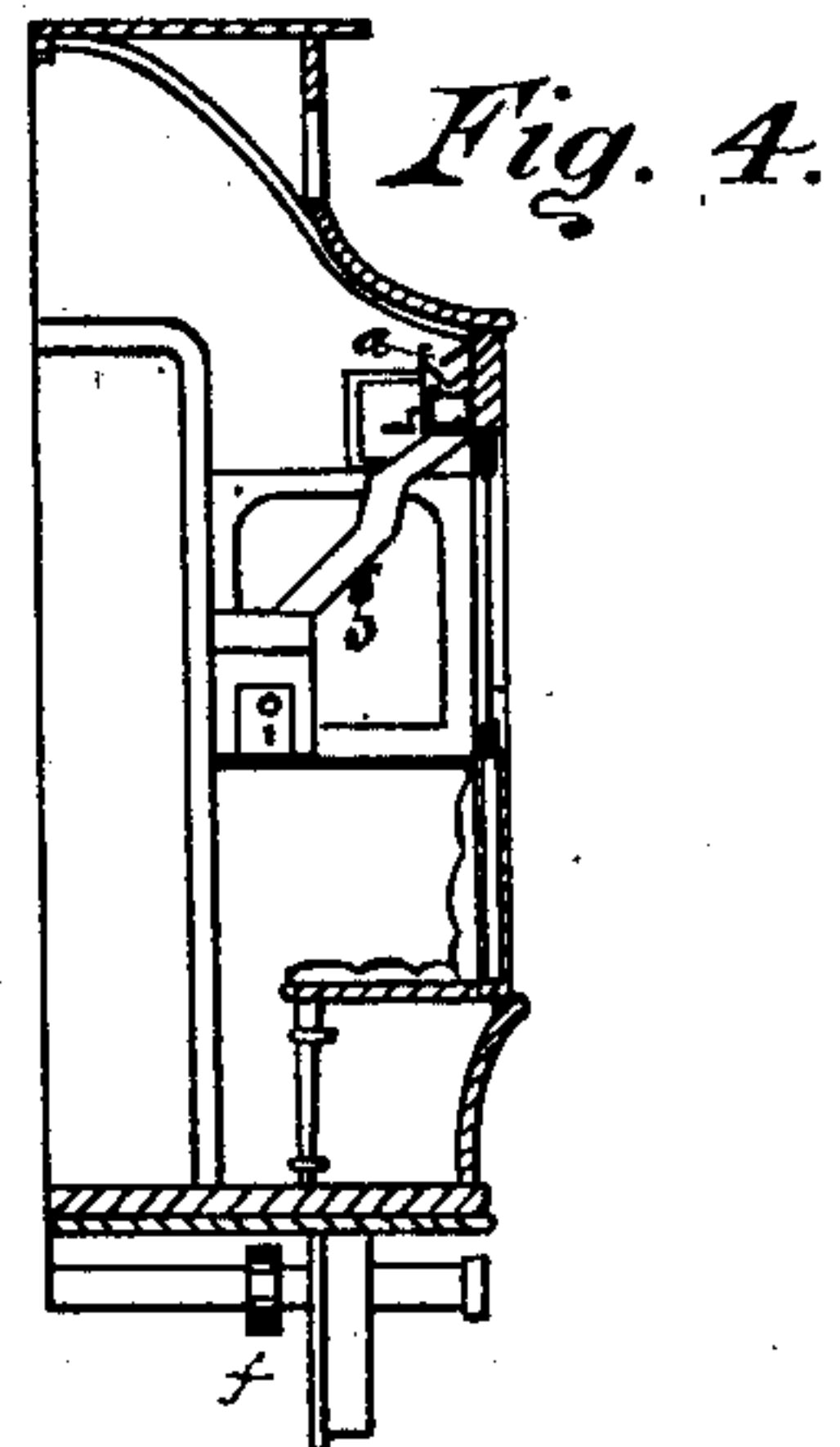
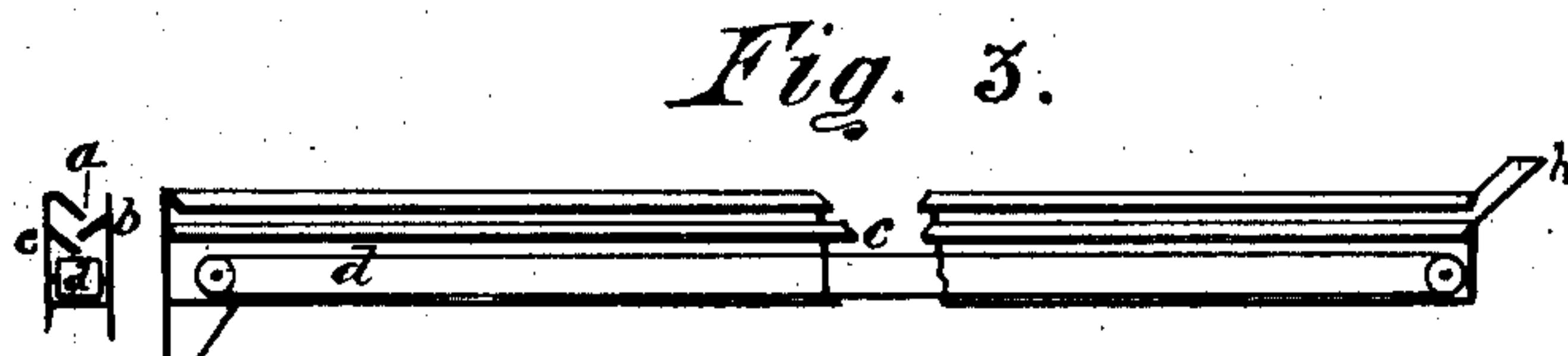
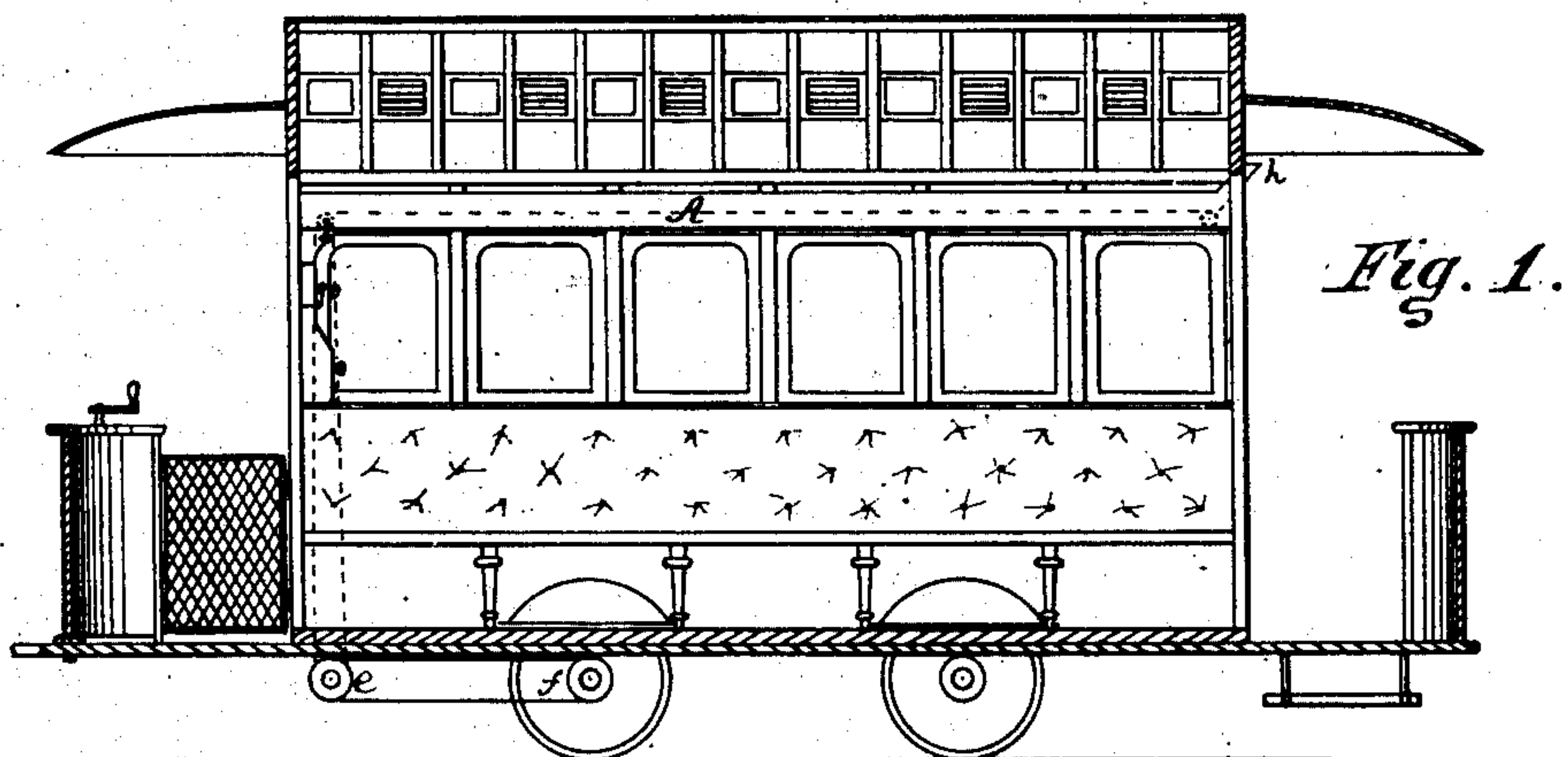
(No Model.)

J. H. SMALL.

FARE BOX.

No. 244,774.

Patented July 26, 1881.



Witnesses:

Will. H. Davis.
A Wright

Inventor:

Jas H. Small
by J. J. Greenough
Atty.

UNITED STATES PATENT OFFICE.

JAMES H. SMALL, OF BUFFALO, NEW YORK, ASSIGNOR TO EMILY A. SMALL, OF SAME PLACE.

FARE-BOX.

SPECIFICATION forming part of Letters Patent No. 244,774, dated July 26, 1881.

Application filed February 28, 1881. (No model.)

To all whom it may concern:

Be it known that I, JAMES H. SMALL, of Buffalo, in the State of New York, have invented certain new and useful Improvements in Apparatus for the Collection of Fares on Street-Railways and other Conveyances, of which the following is a specification.

The object of my invention is to afford greater security, certainty, and convenience in collecting fares from passengers, by which the fares are deposited by the passenger at any point, sitting or standing, in the car, and the conductor is entirely prevented from handling it, but with a clear supervision of the payment. To effect this improvement I construct my device as follows, referring to the accompanying drawings.

Figure 1 is a vertical longitudinal section, showing one side of the interior of a car with my improvement; Fig. 2, a top plan of the elongated ticket-receiver; Fig. 3, sectional details showing the interior of the receiver and its cross-section; Fig. 4, cross-section of car at right angles to Fig. 1.

Along the whole length of the space between the top of the windows and top of the car, or such portion thereof as is found necessary, I extend a receptacle, A, with a narrow opening or slit at *a* along its whole length to receive the passenger's fare at any point along the side of the car where the passengers may sit or stand. The front of this receptacle A and the inclined planes *b c*, down which the fare is conveyed, are made of transparent glass, so as to render the interior visible. The bottom of the receptacle is formed by a revolving endless belt, *d*, made of any suitable material, and so applied as to have its edges raised and running close to the front and rear of the receptacle, to receive and convey the fare to the fare-box, at whatever point along the side of the car it may be deposited. Said belt passes over properly-formed rollers placed at each end, the whole being inclosed by a fixed bottom. This belt *d* may be revolved by the conductor by a crank turning one of the rollers; but I prefer

to move it automatically by means of a belt passing around a pulley that is on the end roller and connects with pulley *e* below, which is turned by a belt connecting it with pulley *f* on the car-axle.

Instead of using belts, an upright shaft and gear may be substituted, or any other motor device.

At the end to which the fares are conveyed there is a conductor to receive and convey them into the fare-box *o* below. An opening, *h*, is made to the outside of the car, at the end opening into the conductor *g*, for the fares of passengers on the platform.

It is obvious minor changes may be made in the arrangement of the horizontal elongated receptacle A to adapt it to the varied construction of cars, so that the distinctive features of my device are retained—namely, a long horizontal receptacle into which the passengers' money or tickets can be put along its whole length, and all be conveyed by means of the revolving belt to a common receptacle or stationary fare-box.

Having thus described my improvement, I claim—

1. The horizontal receptacle A affixed to the car, having an elongated opening, *a*, therein, constructed as herein described, for receiving the fares at all points along the side of the car, with an endless belt forming the bottom, for conveying the same to a stationary box affixed to the car, substantially as and for the purposes specified.

2. In combination with the elongated receptacle having the opening *a* throughout its length, the endless belt *d*, moved automatically and longitudinally in the receptacle, as and for the purposes specified.

In testimony whereof I have hereto set my hand.

JAS. H. SMALL.

In presence of—

J. J. GREENOUGH,
JAMES S. GIBBS.