

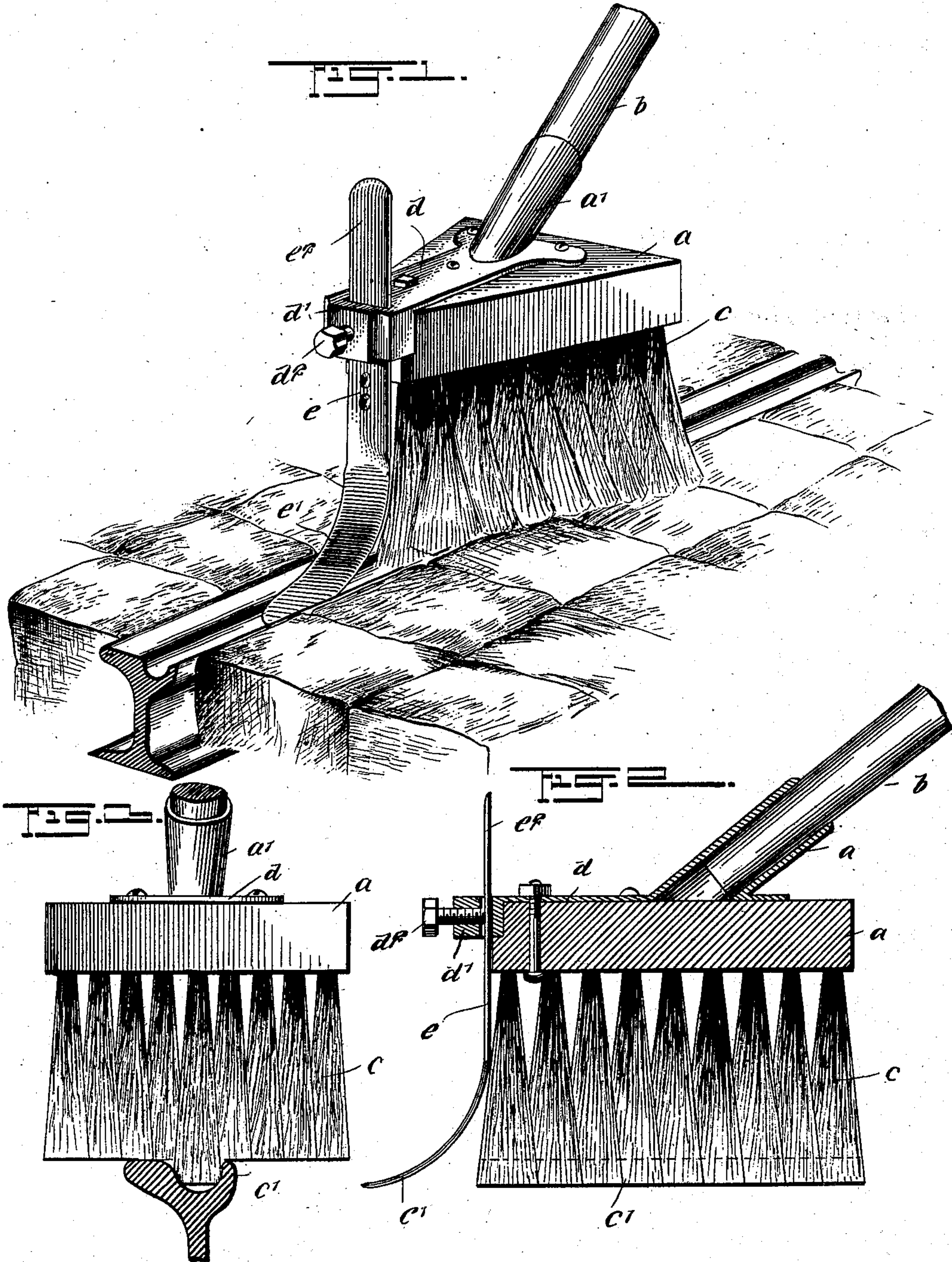
No. 700,400.

Patented May 20, 1902.

F. BECKER.  
BRUSH.

(Application filed Sept. 3, 1901.)

(No Model.)



WITNESSES:

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# UNITED STATES-PATENT OFFICE.

FREDERICK BECKER, OF NEW YORK, N. Y.

## BRUSH.

SPECIFICATION forming part of Letters Patent No. 700,400, dated May 20, 1902.

Application filed September 3, 1901. Serial No. 74,096. (No model.)

*To all whom it may concern:*

Be it known that I, FREDERICK BECKER, a citizen of the United States, and a resident of the city of New York, borough of Manhattan, in the county and State of New York, have invented a new and Improved Brush, of which the following is a full, clear, and exact description.

This invention relates to a brush which is designed especially for use in connection with street-railway tracks to clean them. These tracks as generally constructed have grooved rails and frequently become clogged with dirt, so that it is necessary to scrape and brush the rails.

My invention comprises certain novel means for conveniently attaining this end.

This specification is a specific description of one form of the invention, while the claims are definitions of the actual scope thereof.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar characters of reference indicate corresponding parts in all the views.

Figure 1 is a perspective view of the invention. Fig. 2 is a longitudinal section thereof, and Fig. 3 is a rear elevation.

*a* indicates the back of the brush, which has a socket-piece *a'* receiving a handle *b*.

*c* represents the bristles which are formed with a longitudinally-disposed row of bristles projected down below the other bristles so as to enter the groove in the rail. The socket-piece *a'* has a forward extension in the form of a plate *d*, suitably fastened to the back *a* and terminating in a vertically-disposed guide *d'*. In this guide is arranged a bar *e*, held adjustably by a set-screw *d<sup>2</sup>* in the guide *d'*. The bar *e* has a forwardly-curved

horn *e'*, adapted to enter a groove in the track, and forms a scraper for cleaning out said groove. The upper end of the bar is pointed to form a spur *e<sup>2</sup>*. This spur may be used for scraping, if desired, and may also be used to throw a switch-point from one position to another.

In using the invention to clear a track the parts are adjusted as in Fig. 1, and in using the spur *e<sup>2</sup>* to throw a switch or for other purposes the brush is turned over so as to project the spur downward.

Various changes in the form, proportions, and minor details of my invention may be resorted to without departing from the spirit and scope of my invention. Hence I consider myself entitled to all such variations as may lie within the scope of my claims.

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

1. The combination of a brush, a socket-piece mounted thereon to carry a handle, an extension-plate projected forward from the socket-piece, a guide forward at the front end of the extension-piece, and a scraper adjustably held in the guide.

2. The combination of a brush; a guide held thereby, and a bar adjustably fitted in the guide, said bar having its ends projected beyond the guide, for the purpose specified.

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

FREDERICK BECKER.

Witnesses:

ANGELO B. TOBIN,  
HENRY FELSBERG.