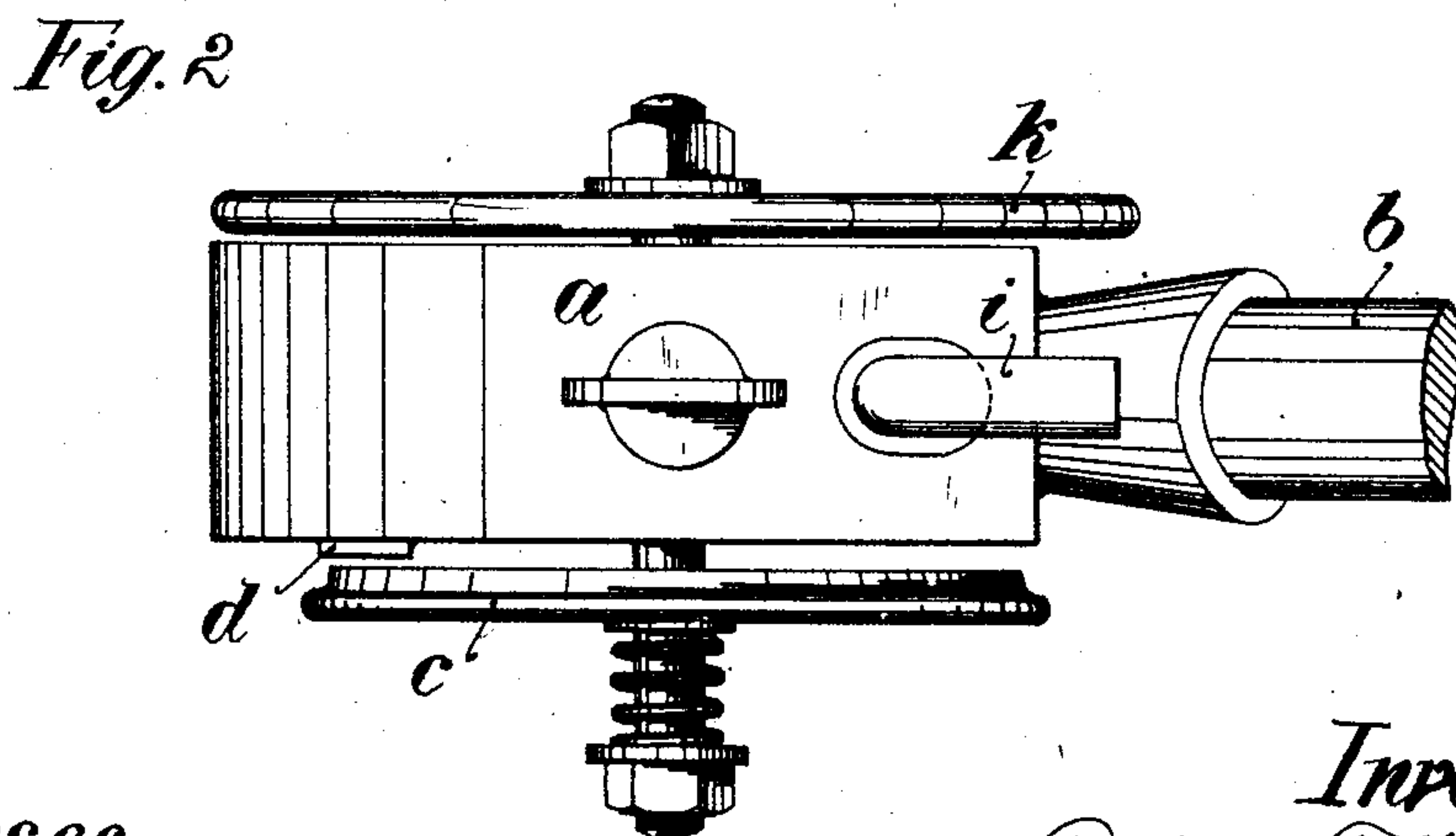
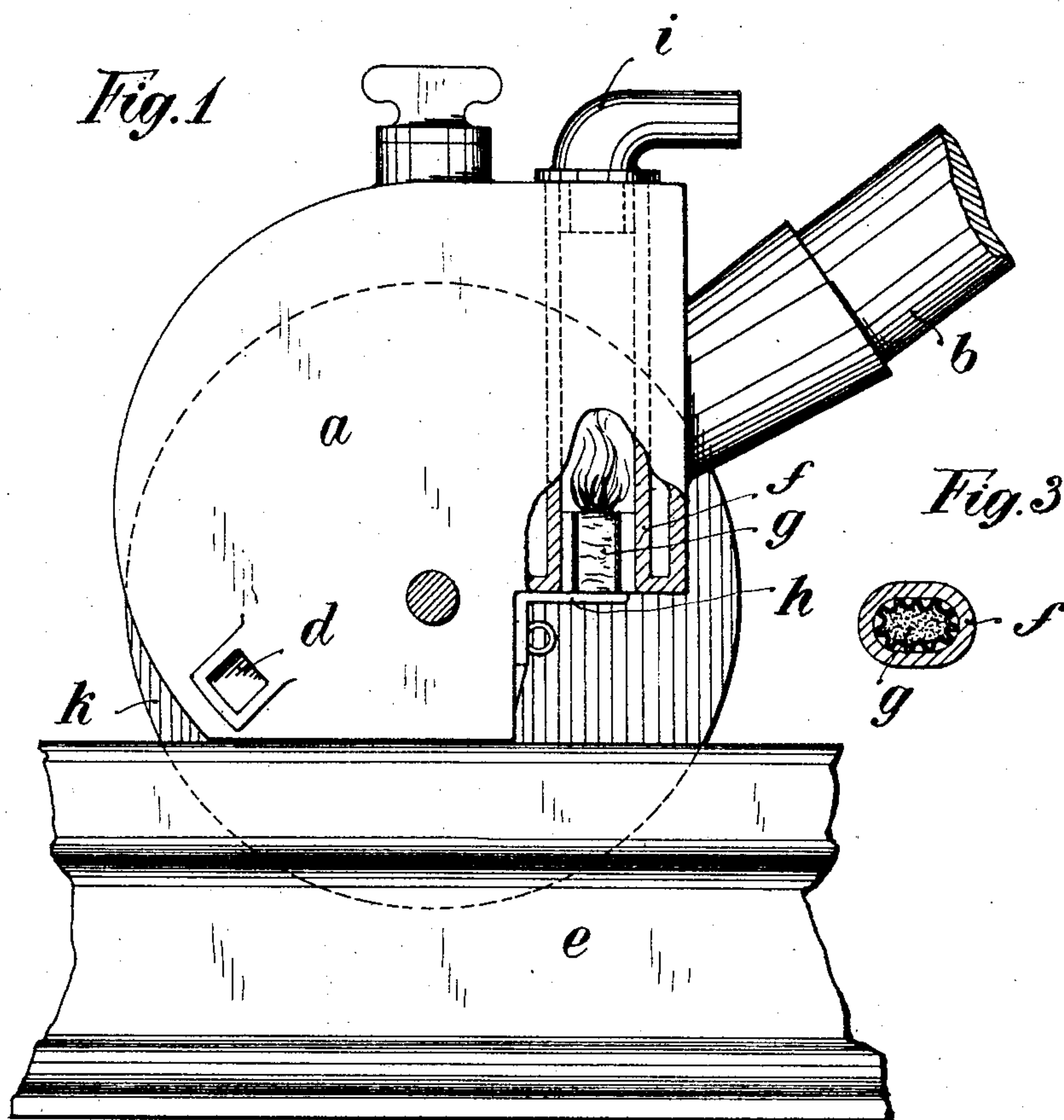


No. 785,939.

PATENTED MAR. 28, 1905.

R. FALLNIGHT.
DEVICE FOR LUBRICATING RAILS.
APPLICATION FILED AUG. 26, 1904.



Witnesses.
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UNITED STATES PATENT OFFICE.

ROBERT FALLNIGHT, OF HAMBURG-EIDELSTEDT, GERMANY.

DEVICE FOR LUBRICATING RAILS.

SPECIFICATION forming part of Letters Patent No. 785,939, dated March 28, 1905.

Application filed August 26, 1904. Serial No. 222,314.

To all whom it may concern:

Be it known that I, ROBERT FALLNIGHT, a subject of the Emperor of Germany, residing at Hamburg-Eidelstedt, in the German Empire, have invented a new and useful Device for Lubricating Rails, of which the following is a specification.

My invention relates to devices for lubricating rails of railroad-tracks.

The device essentially consists of a case containing a lubricant, which case is guided on the rail to be lubricated by two guiding-disks rotatably arranged on the case. One of the said disks when it turns comes in contact with the lubricating-opening of the case, takes the lubricating substance with it, and greases the rail on the corresponding side. The device is pushed forward on the rail by a handle fastened to the case. A heating device is arranged within the latter for the purpose of heating (especially during the cold season) the lubricating substance.

The object of my invention is illustrated on the accompanying drawings, in which—

Figure 1 shows a side elevation with some parts broken away. Fig. 2 is a ground view, and Fig. 3 a cross-section through the heating device.

The lubricating device consists of a case *a* of the form shown in the drawings, fastened to a handle *b*. The lubricating substance comes out through an opening *d* and is taken with it by the disk *c*, which is rotatably arranged on the one flat side of the case *a*. To the other side thereof is rotatably fastened a disk *k*. The device is guided on the rail to be lubricated by the disks *c* and *k*. The disk *c* greases the side of the rail with which it is in contact. The disk *c* is held on its axis under spiral-spring pressure in order to secure its lying close against the rail. Into the case there is inserted a pipe *f*, oval in section. The pipe runs in a vertical direction, and it can be closed at its bottom end by a cover *h*. Into the upper end an angular flue is inserted. A receptacle *g*, containing saponified alcohol, can be inserted into the lower end of the pipe

f. The side wall of this receptacle is corrugated lengthwise, so that air can pass through.

The case *a* is provided on its upper side with a suitable opening for filling.

What I claim as my invention, and desire to secure by Letters Patent, is—

1. In a lubricating device the combination of a case containing a lubricant, two guiding-disks running one on each side of the rail to be lubricated arranged on the flat sides of the case, a handle fastened to said case for moving it forward, means for greasing the one side of the rail and means for heating the contents of the case, as and for the purpose specified.

2. In a lubricating device the combination of a flat case to contain a lubricant, two guiding-disks one on each side of the rail to be lubricated arranged on the flat sides of the case, an opening at one flat side near the bottom of the case, a handle fastened to said case and means for heating the contents of the latter, as and for the purpose specified.

3. In a lubricating device the combination of a flat case, an opening at one flat side near the bottom of the case, a rotatably-arranged disk on the one flat side, a rotatable disk on the other side running close to the lubricating opening thereof, a spiral spring on the axis of this disk keeping the disk in position, a handle fastened to the case, and means for heating the contents of the latter, as and for the purpose specified.

4. In lubricating devices the combination of a case of suitable form, guiding-disks arranged thereon, a lubricating opening near the bottom of the case and in contact with one of the guiding-disks, a spring-coil engaging this latter disk, a handle fastened to the case, a pipe passing through the latter and a receptacle filled with solid saponified alcohol inserted in the same.

ROBERT FALLNIGHT.

Witnesses:

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