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PATENTED JAN. 26, 1904.

J. NEINENS & H. KLEINBIELEN.

MUD GUARD FOR CYCLES.

APPLICATION FILED AUG. 7, 1903.

NO MODEL.

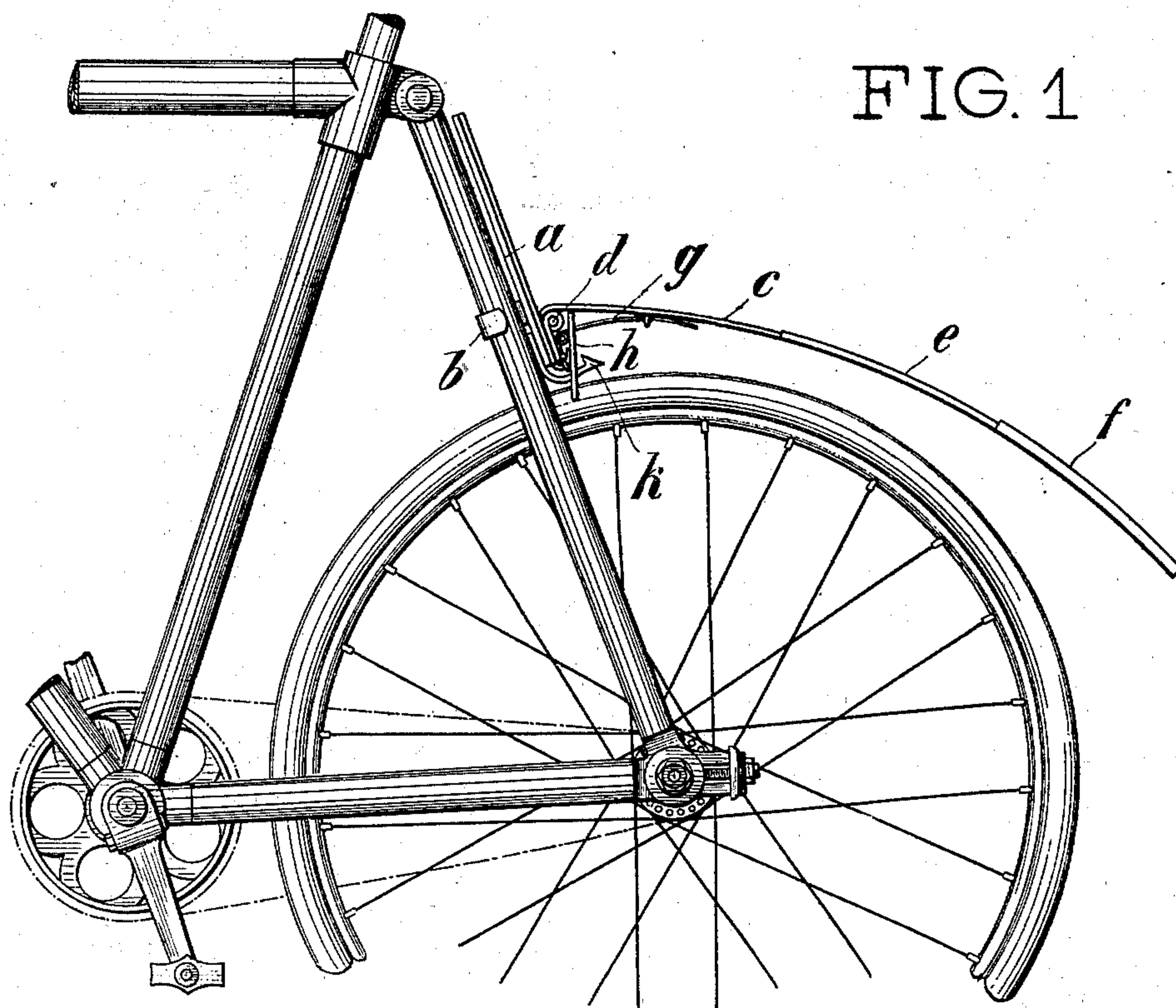


FIG. 1

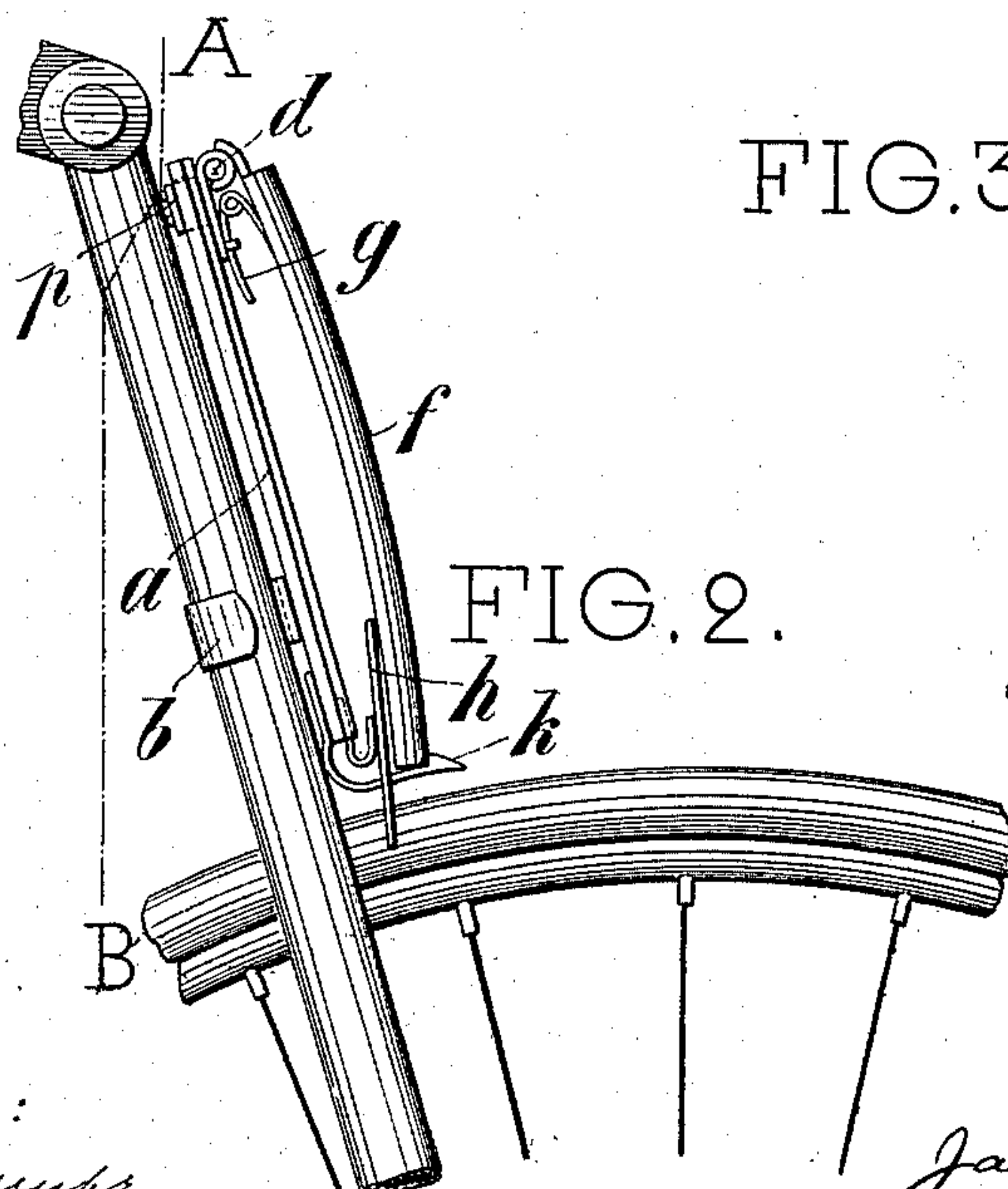


FIG. 2.

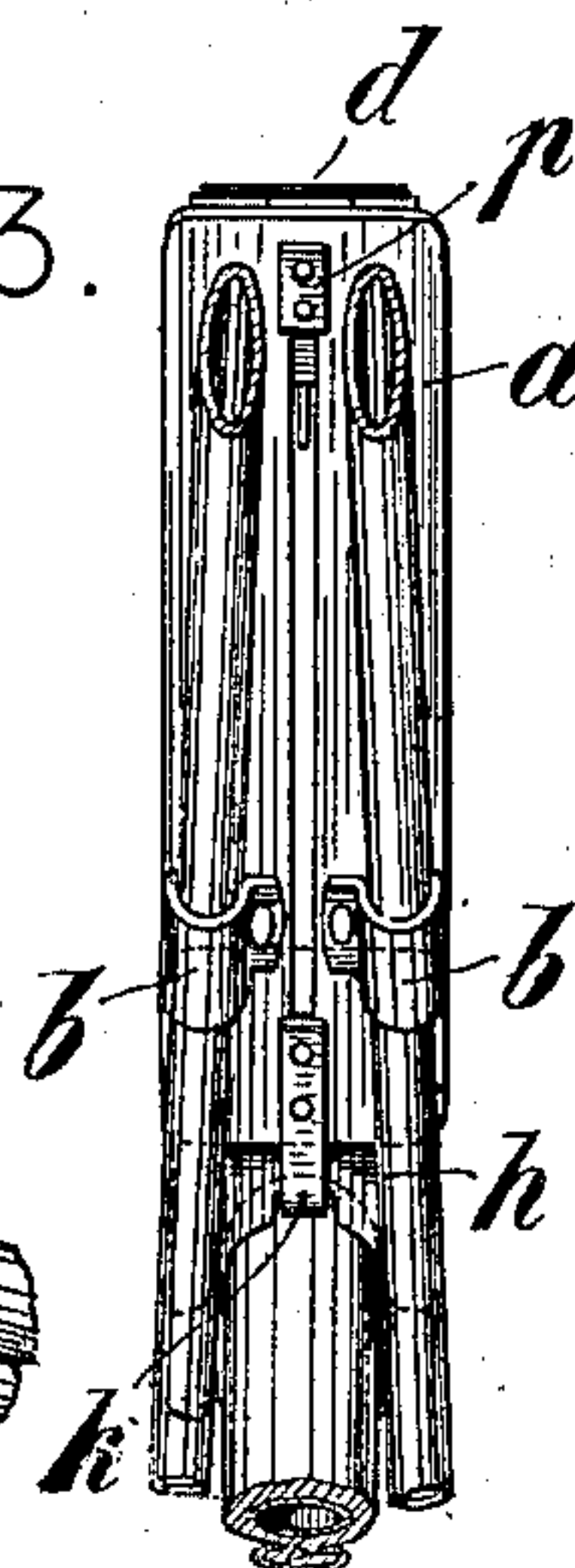


FIG. 3.

Witnesses:  
Arthur Gump  
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Inventors:  
Jacob Neinens &  
Hubert Kleinbielen  
by Frank v. Briesew Att'y.

No. 750,386.

Patented January 26, 1904.

# UNITED STATES PATENT OFFICE.

JACOB NEINENS AND HUBERT KLEINBIELEN, OF GELDERN, GERMANY.

## MUD-GUARD FOR CYCLES.

SPECIFICATION forming part of Letters Patent No. 750,386, dated January 26, 1904.

Application filed August 7, 1903. Serial No. 168,562. (No model.)

*To all whom it may concern:*

Be it known that we, JACOB NEINENS and HUBERT KLEINBIELEN, citizens of the German Empire, and residents of Geldern, Germany, have invented an Improved Mud-Guard for Cycles, of which the following is a specification.

This invention relates to an extensible mud-guard for cycles, which may be folded when out of use, so as to be less conspicuous and offer less resistance to the wind.

In the accompanying drawings, Figure 1 is a side view of part of a cycle provided with our improved mud-guard, showing it distended. Fig. 2 is a similar view showing the mud-guard folded; and Fig. 3, a section on line A B, Fig. 2.

The letter *a* represents a rail adapted to be removably secured to the cycle-frame by a clasp *b*. The rail *a* is engaged by a slide *p*, to which is hinged at *d* one section, *c*, of a shield composed of a suitable number of telescoping members *c e f*. This shield when distended is adapted to project either over the front or rear wheel and may be made of suitable cur-

vature. The section *c* is engaged by a spring *g*, which tends to hold the shield in its open position. At its lower end the rail *a* is provided with a spring-hook *h* and with a stop *h*, which also constitutes a scraper.

In use the slide *p* is lowered, Fig. 1, and the shield is distended, so as to be held in its operative position above the wheel by the spring *g*. To close the guard, the slide is raised, Fig. 2, and the shield is contracted and brought into engagement with the stop *h* and hook *h*.

What we claim is—

A mud-guard for cycles composed of a rail, a slide movable thereon, a telescoping spring-influenced shield pivoted to the slide, and a scraper and hook adapted to engage the shield, substantially as specified.

Signed by us at Dusseldorf, Germany, this 20th day of July, 1903.

JACOB NEINENS.  
HUBERT KLEINBIELEN.

Witnesses:

PETER LIEBER,  
WILLIAM ESSENWEIN.