

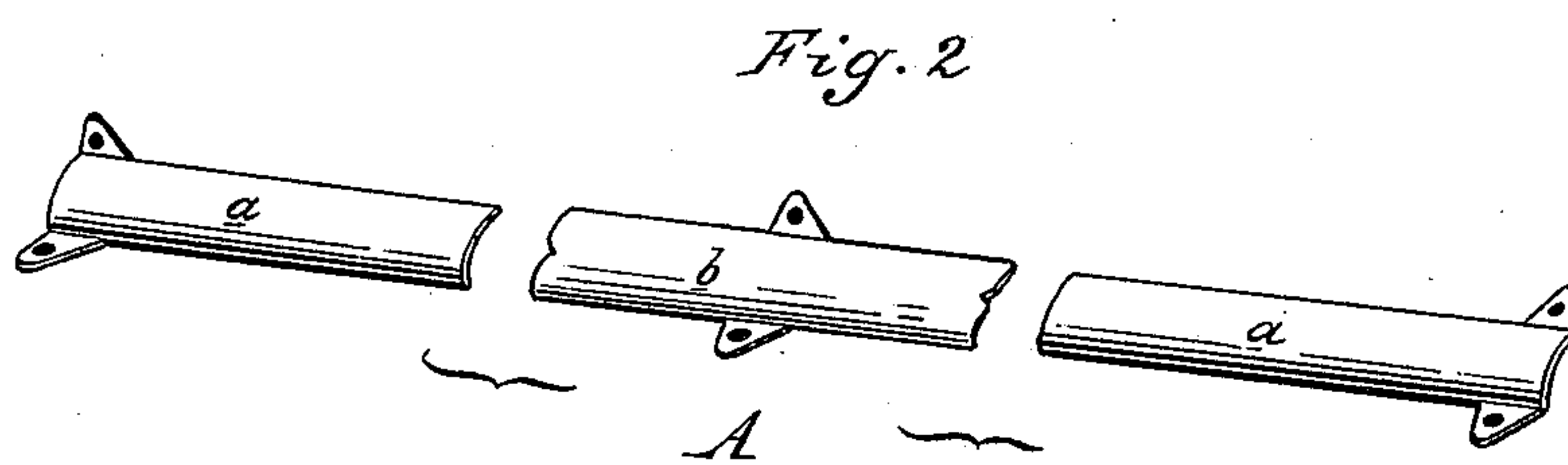
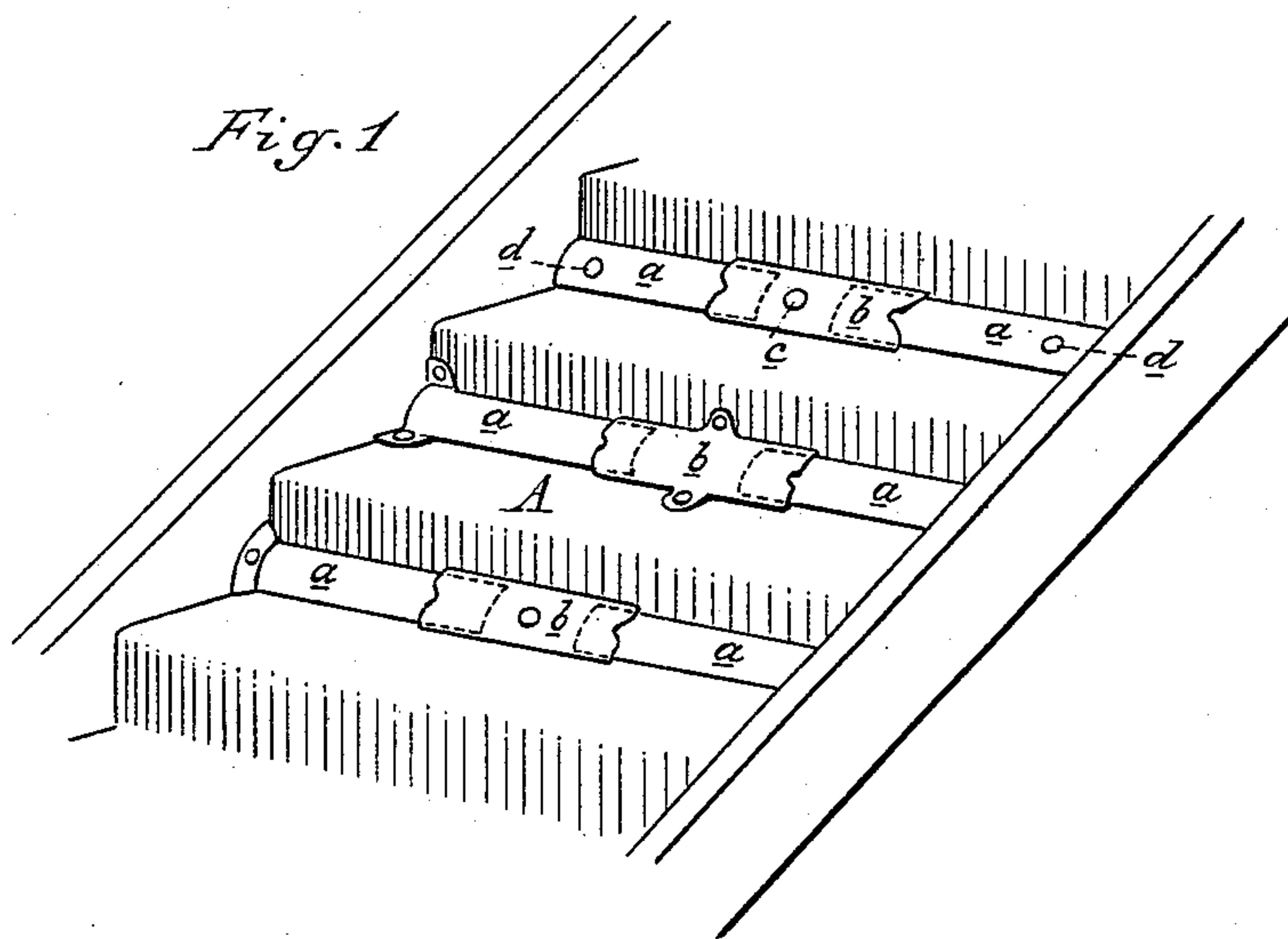
(No Model.)

J. GRZYBOWSKI.

STAIR ROD.

No. 250,660.

Patented Dec. 13, 1881.



Attest:
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UNITED STATES PATENT OFFICE.

JULIAN GRZYBOWSKI, OF DETROIT, MICHIGAN.

STAIR-ROD.

SPECIFICATION forming part of Letters Patent No. 250,660, dated December 13, 1881.

Application filed May 4, 1881. (No model.)

To all whom it may concern:

Be it known that I, JULIAN GRZYBOWSKI, of Detroit, in the county of Wayne and State of Michigan, have invented an Improvement
5 in Stair-Rods, of which the following is a specification.

The nature of this invention relates to certain new and useful improvements in the construction of stair-rods, whereby they may be
10 adjusted to the width of the stairs upon which they may be employed; and the invention consists in the peculiar construction and operation of the parts, all as more fully hereinafter set forth.

15 Figure 1 is a face plan of my improved stair-rod, and Fig. 2 is a detached view of the pieces composing my stair rod.

In the accompanying drawings, which form a part of this specification, A represents my
20 improved stair-rod, and it is composed of three sections, *a a* and *b*, the two former being the end sections and the latter the center section.

In applying this stair-rod to the stairs, the center section is secured to each step, about
25 the center of the width, and is fastened by a screw or screws, *c*, which passes through the

stair-carpet into the step. The end sections, *a*, are then inserted under the ends of the section *b*, and are likewise secured by a screw or screws, *d*. These end sections can readily be
30 adjusted for wide or narrow steps, and so that the screws will not pass through the carpet, if so desired.

By this construction I produce a stair-rod which will be economical in construction, and
35 that can be employed upon stairs of different width.

I am aware that it is not new to make stair-rods adjustable in length, and therefore I do not broadly claim such invention.
40

What I claim as my invention is—

As a new article of manufacture, a stair-rod consisting of three members, *a a* and *b*, the center member, *b*, being rigidly fastened to the steps, and forming a means of adjustably
45 securing the inner ends of the members *a a*, substantially as described.

JULIAN GRZYBOWSKI.

Witnesses:

H. S. SPRAGUE,
E. SCULLY.