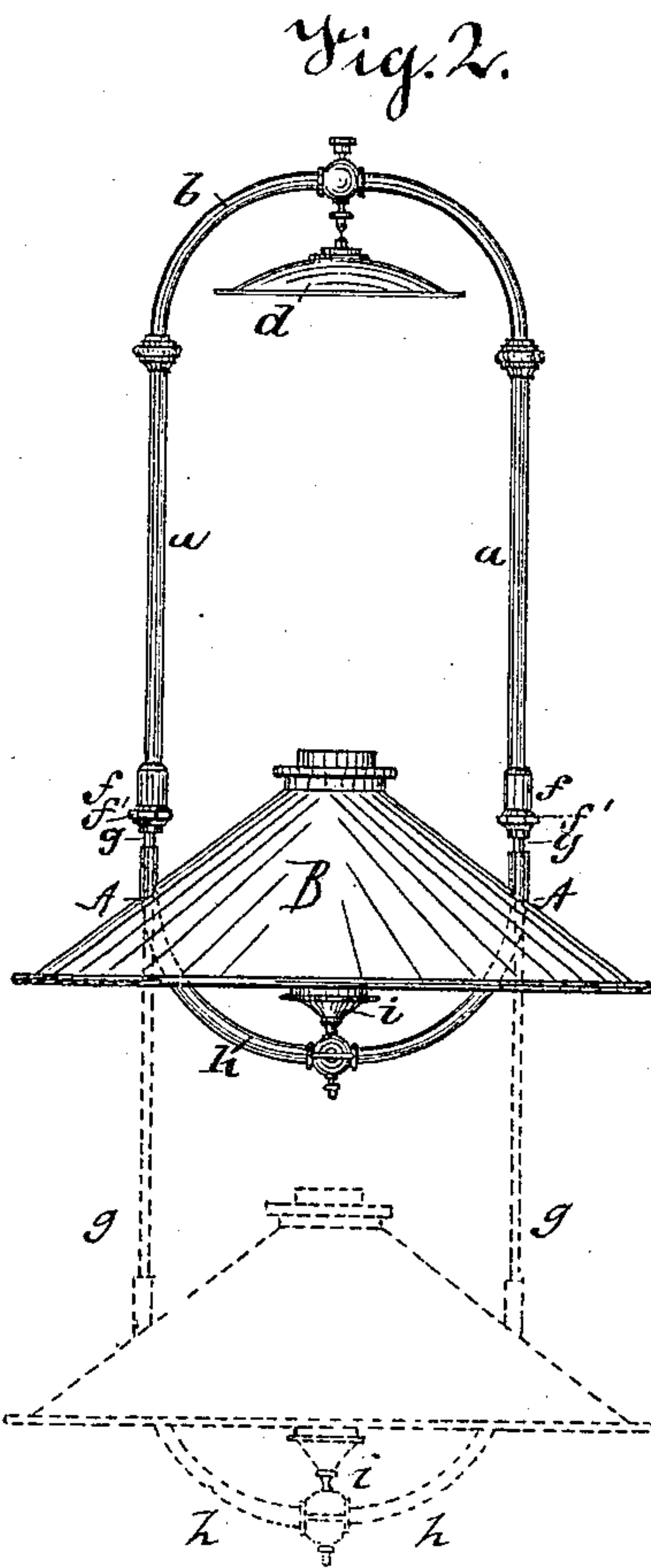
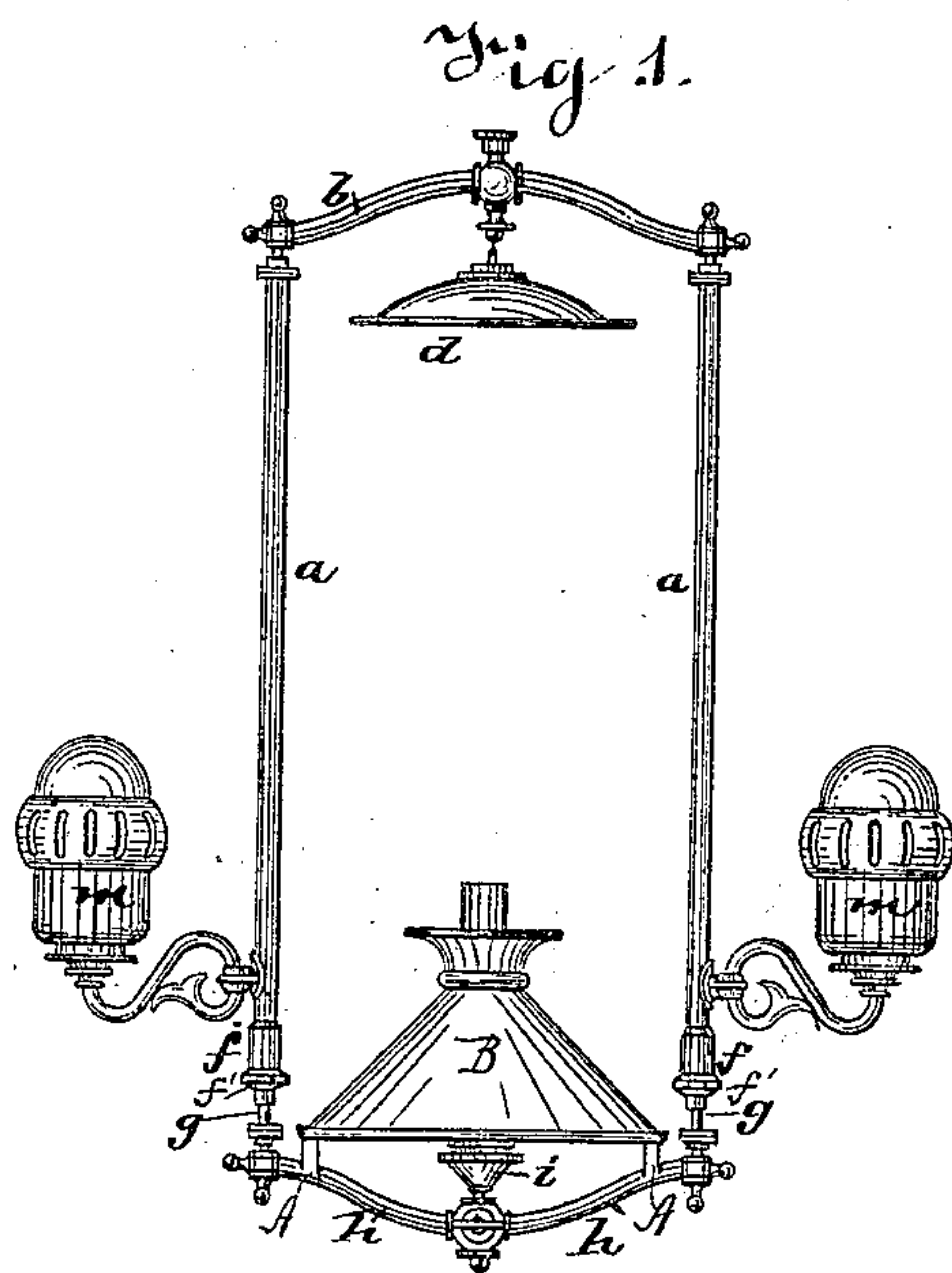


(No Model.)

H. RAUPP.  
LAMP SUPPORT.

No. 258,674.

Patented May 30, 1882.



WITNESSES:

*Joh. N. Rosenbaum*  
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# UNITED STATES PATENT OFFICE.

HEINRICH RAUPP, OF HEILBRONN, WÜRTENBERG, GERMANY.

## LAMP-SUPPORT.

SPECIFICATION forming part of Letters Patent No. 258,674, dated May 30, 1882.

Application filed March 1, 1882. (No model.) Patented in Italy November 9, 1881.

*To all whom it may concern:*

Be it known that I, HEINRICH RAUPP, a subject of the Kingdom of Württemberg, German Empire, residing at the city of Heilbronn, in the Kingdom of Württemberg, German Empire, have invented certain new and useful Improvements in Lamp-Supports, of which the following is a specification.

This invention relates to extension or telescopic pendants for lamps or gas-burners; and the nature of my invention consists in a tubular extensible support or bracket composed of fixed tubes connected at their upper ends by a transverse tube, and provided at the lower end with friction stuffing boxes and adjustable devices therefor, and also with extension-tubes adapted to slide in the fixed tubes and connected together by a transverse connecting-tube, in combination with a lamp and a shade having independent supports on said connecting-tube, all being arranged and constructed as will be understood from the following description, when taken in connection with the annexed drawings.

In the accompanying drawings, Figures 1 and 2 represent side elevations of my improved extension lamp-support, showing different forms of the same.

Similar letters of reference indicate corresponding parts.

*a a* are two fixed and parallel tubes, which are vertically suspended from a transverse tube, *b*, that is centrally attached to the gas-conducting tube suspended from the ceiling. The transverse connecting-tube *b* is provided below the suspending-tube with a smoke-bell, *d*, to collect the unburned carbon particles of the lamp. The tubes *a a* are provided at their lower ends with stuffing-boxes *f*, within which are guided the extension-tubes *g*, that slide into or out of the exterior tubes, *a a*. The stuffing-boxes *f* are provided with adjustable clamp-screws *f'*, by means of which the packing in said boxes can be tightened against the tubes *g* when required for producing the necessary friction to prevent these tubes from casually slipping and for compensating for wear. This is a common form of stuffing-box. The extension-tubes *g* are connected at their lower ends by a transverse tube, *h*, which serves for the support of the burner *i* and the shade

when the lamp is used for gas, or for supporting a petroleum or other lamp when the supporting device is not used for gas.

It will be seen that I provide on opposite sides of the burner *i* supports *A A* for the shade *B*, which supports are so constructed that they firmly hold the shade by its base independently of the said burner.

The modification of the shade-supports shown in Fig. 2 consists in passing the up-turned portions of the transverse tube *h* through the shade, thus affording supports for it independently of and on opposite sides of the burner. The burner is thus accessible without removing the shade *B*, and the latter is movable up and down with the extensible part of the pendant.

The fixed tubes *a a* may also be arranged with bracket-lamps *m*, as shown in Fig. 1, and ornamented in any suitable manner.

By the arrangement described the main lamp supported on the extension-tubes can be drawn down to the full length of the exterior tubes, as the whole length of the support can be used for this purpose.

As the stuffing-boxes are arranged sidewise of the lamp, they are not liable to be heated by the heat of the same, the lamp being retained by the friction exerted by the stuffing-boxes on the extension-tubes at any desired position without the use of balancing weights or springs.

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

In a lamp-support of the extensible kind described, the combination of the fixed and extensible tubes *a g*, the stuffing-boxes provided with clamping-screws, the transverse tube *h*, connecting the lower ends of the tubes *g*, the shade *B*, the supports *A A* therefor on said tube *h*, and the burner *i* between said supports, all substantially as and for the purposes described.

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

HEINRICH RAUPP.

Witnesses:

U. WOLFF,  
OSCAR J. RUH.