

No. 842,458.

PATENTED JAN. 29, 1907.

H. D. & F. L. HART.  
STOVEPIPE.

APPLICATION FILED MAR. 25, 1905.

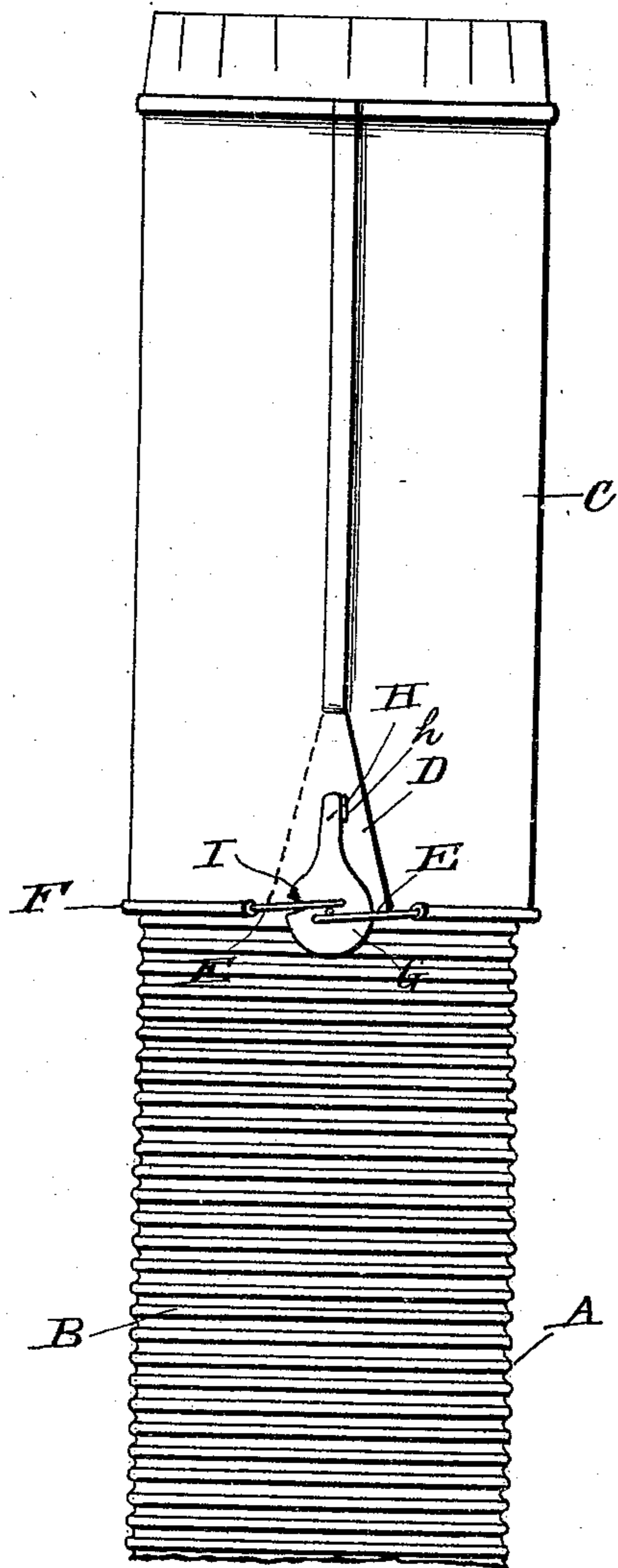


Fig. 2.

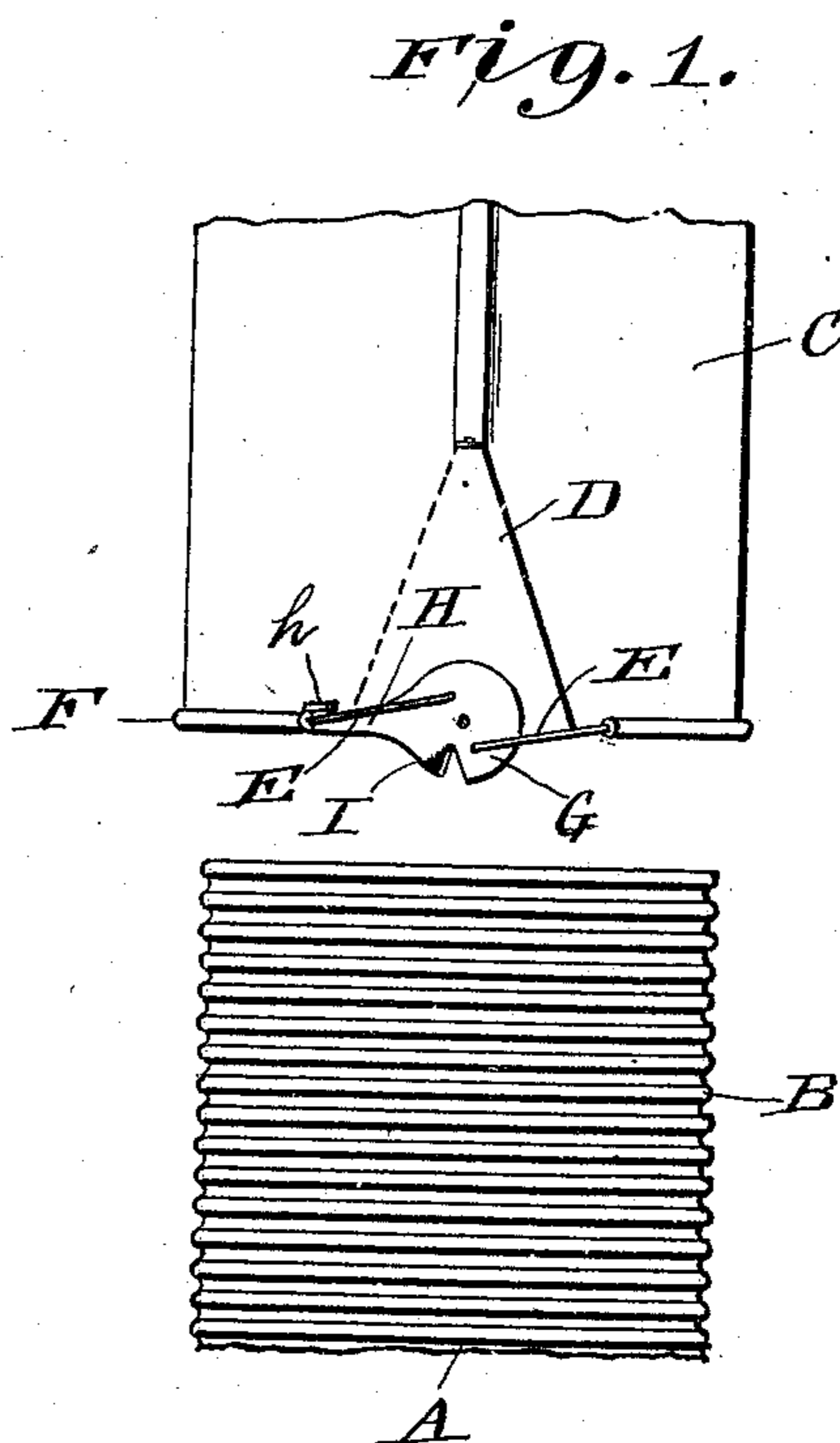


Fig. 1.



Fig. 3.

Witnesses

*James Blackwood*  
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# UNITED STATES PATENT OFFICE.

HENRY D. HART AND FRED L. HART, OF WEST MINERAL, KANSAS.

## STOVEPIPE.

No. 842,458.

Specification of Letters Patent.

Patented Jan. 29, 1907.

Application filed March 25, 1905. Serial No. 252,036.

*To all whom it may concern:*

Be it known that we, HENRY D. HART and FRED L. HART, citizens of the United States, residing at West Mineral, in the county of Cherokee and State of Kansas, have invented certain new and useful Improvements in Stovepipes, of which the following is a specification.

In setting up stoves it is rare that the stock lengths of pipe can be entirely utilized to connect the stove with the chimney, and it becomes necessary to cut one or more of the lengths so as to make a fit.

Our invention relates to fitting the stovepipes to the stove and chimney, and has for its object the provision of an adjustable length consisting of an annularly-corrugated pipe which fits inside of a sleeve having a device to draw the edge thereof into one of the corrugations in the pipe to make the combined sleeve and pipe the length desired.

The construction and advantages of our invention will be fully explained hereinafter and illustrated in the accompanying drawings, in which—

Figure 1 is a view of the two parts of our improved stovepipe before being assembled, and Fig. 2 a view showing them assembled.

In the drawings similar reference characters indicate corresponding parts in both views.

A represents a pipe having its surface annularly corrugated, as shown at B.

C represents a sleeve adapted to fit over pipe A, having one end crimped to fit into a length of pipe, while the other end is formed with overlapping edges, as shown at D, and with its end rolled over a wire E, as shown at F.

G represents a disk revolubly mounted on the end of sleeve C, to which the two ends of the wire E are secured and so arranged that when the disk is turned in one direction the wire is slackened, so that the sleeve may be placed on the pipe A, and when the disk is

turned in the opposite direction the wire is tightened and the end of the sleeve drawn into one of the corrugations B to firmly secure the sleeve and pipe together and make them into substantially a single length of pipe.

H represents a projection on the edge of the disk to operate as a handle for turning the disk and is provided with a lug *h* to engage the wire E to limit the turning of the disk in slackening the wire, while I represents a lug on the disk which may be formed by bending the disk or may be secured to its surface, or the disk may be radially split and its edge bent outwardly to engage the wire when tightened to hold it from slackening.

Having thus described our invention, what we claim is—

An adjustable length for stovepipes comprising the combination of a length having its entire surface annularly corrugated, an uncorrugated sleeve slidably mounted over said corrugated length, one end of said sleeve having overlapping ends with its edge curled on itself, a wire mounted in said curled portion, a disk revolubly mounted on the outer of said overlapping ends, the two ends of the wire eccentrically secured to the disk and so arranged that by revolving the disk the wire is shortened so as to compress the curled edge of the sleeve into one of the corrugations, a lug on the disk to engage the wire when the length is assembled, and a handle extending from the edge of the disk and having a lug thereon to engage the wire when the length is unassembled, substantially as shown and described.

In testimony whereof we hereto affix our signatures in the presence of two witnesses.

HENRY D. HART.  
FRED L. HART.

Witnesses:

THOS. BRAMLETTE,  
GEORGE H. THARP.