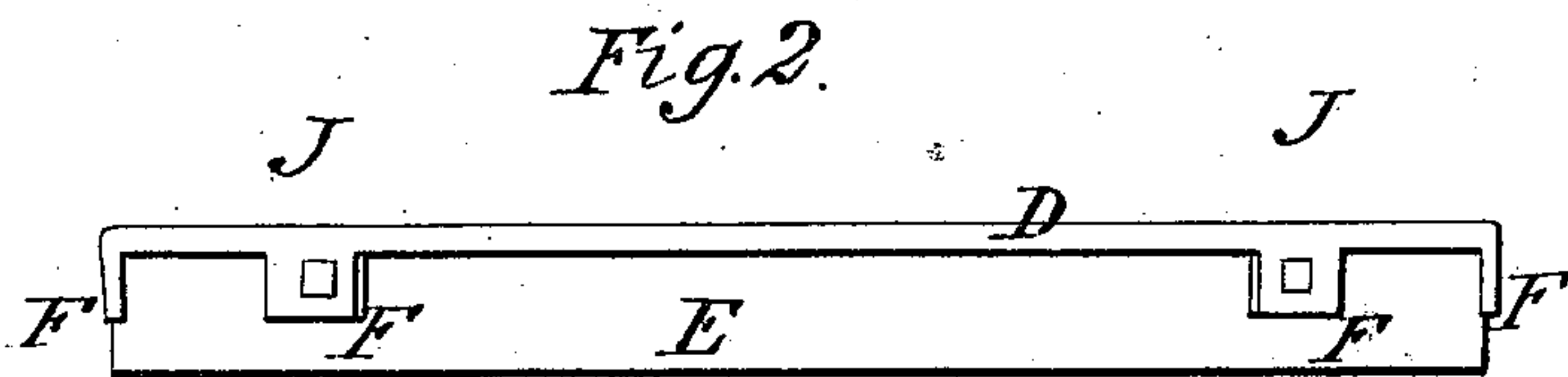
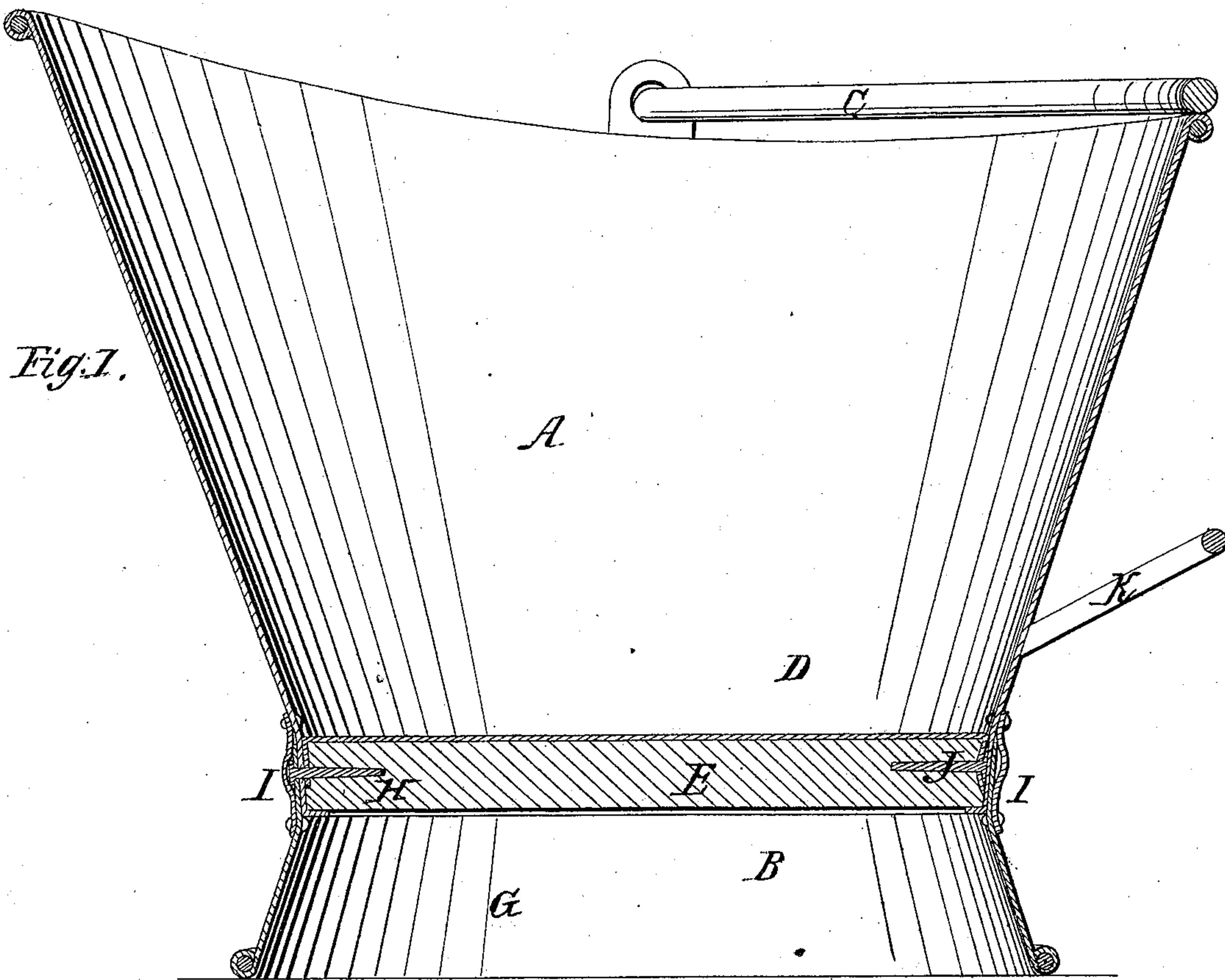


C. F. KNEELAND.

Coal Scuttle.

No. 15,519.

Patented Aug. 12, 1856.



Witnesses  
Amelia Bonking  
Thos. P. How

Inventor  
Cyrus F. Kneeland.

# UNITED STATES PATENT OFFICE.

CYRUS F. KNEELAND, OF BUFFALO, NEW YORK.

## COAL-HOD.

Specification of Letters Patent No. 15,519, dated August 12, 1856.

*To all whom it may concern:*

Be it known that I, CYRUS F. KNEELAND, of Buffalo, in the county of Erie and State of New York, have invented a new and useful Improvement in Coal-Hods, which I have described in the following specification and illustrated in the accompanying drawings with sufficient clearness to enable others of competent skill to make and use my invention.

My invention consists in a wood and metal bottom for coal hods made by covering the wood with a sheet of metal which is turned down at the edges over the wood and kept from rising from its place upon the wood by lugs forming a part of it which project down by the sides of the wood and are nailed or otherwise fastened to it; said bottom being kept in its place upon a clench at the lower extremity of the body of the hod by nails or their equivalent passing through the sides of the hod, which nails are themselves secured from working out by a band around the joint, which cover the heads of the nails as hereinafter more fully set forth.

In the accompanying drawings Figure 1 is a sectional elevation of my improved coal hod. Fig. 2 is an elevation of the composite bottom above mentioned.

A is the sides of the hod, made as shown in the drawings with the clench or internal flanch B at the lower extremity of the same which passes under and firmly supports the composite bottom.

C is the bail.

D is a plate of sheet metal which forms a part of the bottom of the hod. This plate covers the wood E made nearly the same size, and its edges are turned down over the corners of the said wood, the wood being three eighths of an inch smaller than the plate that covers it. Small lugs F which are part of the plate D project down by the

edges of the wood, and are securely fastened with barrel nails J, one nail driven through each lug into the wood. The lower end of the body of the hod is enlarged so as to be perpendicular one and one eighth inches from the bottom upward. The composite bottom is then driven up into the body of the hod so far as to leave one fourth inch width of metal below it to form the clench B. It is then tacked in place with sufficient barrel nails to hold it to work on, and the clench B hammered down. The upper edge of the base G is enlarged in the same manner as the body of the hod so as to form a perpendicular seat seven eighths of an inch in width. The base G is then driven on so far that the upper edge of it shall be even with the top of the plate D, holes are made with a sharp pointed punch through both thicknesses of iron into the wood at short intervals of about two inches, and six-penny and shingle nails alternately driven in by which the body of the coal hod and the base G are firmly secured to the bottom and to each other. A band I is then put around the joint and riveted both to the sides A and the base G. This protects the heads of the nails and keeps them from working out and is indispensable for that purpose, and by adding the handle K etc. the hod is complete.

I do not claim the combination of wood and iron or other metal in any construction whatever, but

I claim—

A coal hod with a wood and metal bottom made and secured in its place substantially in the manner herein set forth.

CYRUS F. KNEELAND.

Witnesses:

THOS. P. HOW,  
AMELIAN CONKLING.