

C. HAGER.
COAL-BASKET.

No. 179,913

Patented July 18, 1876.

Fig. 1

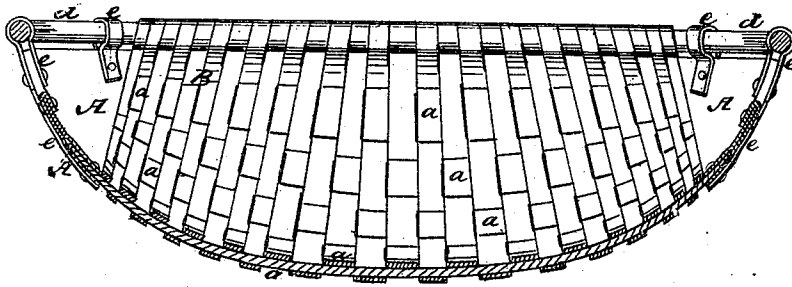
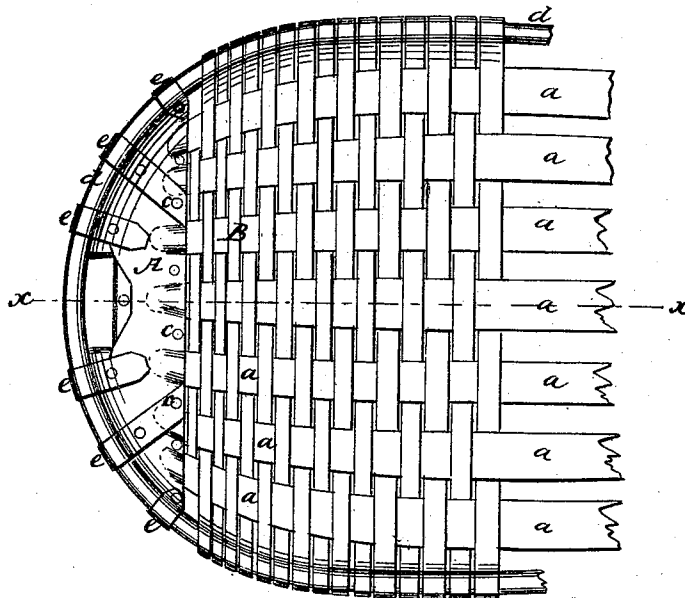


Fig. 2.



WITNESSES:

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UNITED STATES PATENT OFFICE.

CHARLES HAGER, OF WATERTOWN, ASSIGNOR TO ALBERT H. BULLARD,
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IMPROVEMENT IN COAL-BASKETS.

Specification forming part of Letters Patent No. **179,913**, dated July 18, 1876; application filed
June 6, 1876.

To all whom it may concern:

Be it known that I, CHARLES HAGER, of Watertown, Jefferson county, New York, have invented a new and Improved Coal-Basket, of which the following is a specification:

My invention consists in constructing a portion of each end of a coal-basket of sheet metal, and in the substitution thereof for a portion of the splints of which these baskets are now made, the object being to make those parts which are subject to most wear and are exposed to the fire, and thus liable to burn out when the baskets are used for feeding furnaces, more durable, and it also makes them freer to discharge the coal, as it slides off the metal easier than from the wooden splints.

Figure 1 is a longitudinal sectional elevation of my improved coal-basket, taken on line *x x*, Fig. 2; and Fig. 2 is a plan view.

Similar letters of reference indicate corresponding parts.

A represents sheet-metal end portions, which I propose to substitute for similar portions of the wooden splints B, as above stated, making the splint portions as much shorter, and connecting the ends of the same to the metal por-

tions, which may be done by using two sheets of metal, and extending the main ribs *a* of the splint-work between them, and fastening the metal sheets together between the ribs by rivets *c*. The metal sheets will be fastened to the top frame *d* by the metal strips or clips *e*, or in any other approved way.

The common baskets give out in these parts by wear, or by burning out when the baskets are used for feeding fires, while the other parts are still good, making a considerable amount of waste, which is avoided by my improvement, which makes the basket as durable in that part as in any other.

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

As a new article of manufacture, a coal-basket of which the body portion is made of splints, B, and the ends of sheet metal, A, substantially as specified.

CHARLES HAGER.

Witnesses:

WILLIAM H. EARL,
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