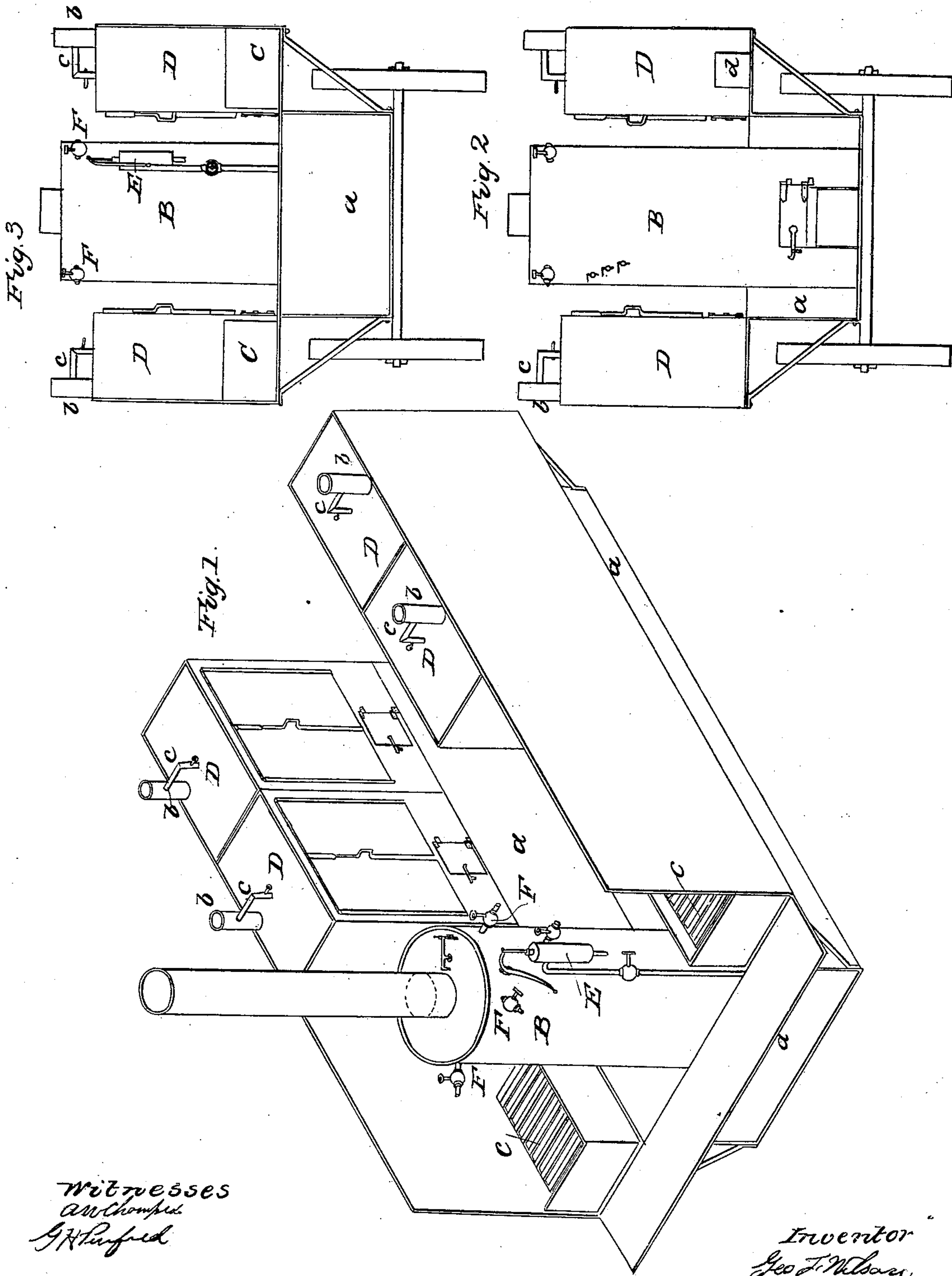


G. F. WILSON.  
Army Cooking Wagon.

No. 33,768.

Patented Nov. 19, 1861.



Witnesses  
at Chicago  
G. H. Sanford

Inventor  
Geo. F. Wilson

# UNITED STATES PATENT OFFICE.

GEORGE F. WILSON, OF PROVIDENCE, RHODE ISLAND.

## IMPROVEMENT IN ARMY COOKING-WAGONS.

Specification forming part of Letters Patent No. 33,768, dated November 19, 1861.

*To all whom it may concern:*

Be it known that I, GEORGE F. WILSON, of the city and county of Providence, in the State of Rhode Island, have invented a new and Improved Army Cooking-Wagon; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon, making a part of this specification, in which—

Figure I is a perspective view, Fig. II a rear end view, and Fig. III a front end view.

Like letters in the different figures refer to the same parts.

A is the wagon-body.

B is the boiler.

C is the broiler; D, the bakers or ovens; E, the pump for filling the boiler or for other purposes; F, the steam-cocks, to which hose-pipe for the transmission of steam may be attached.

Having thus pointed out the several parts of the cooking-wagon necessary to be described in this specification, I will proceed to describe its construction and operation, so as to enable others skilled in mechanic arts to make and use it.

I make the running-gear of my wagon of any convenient material and of any required or desired shape and size; but for obvious reasons prefer that in use by the army for transportation-wagons. I make the body of the wagon A of any desirable material, but prefer wood or corrugated iron. When I use wood, I cover such parts of it with sheet metal as may be necessary to protect them from fire.

In the forward part of the wagon I place a steam-boiler of any size or shape, but prefer a vertical tubular boiler of about five horsepower capable of sustaining a pressure of about sixty pounds to the square inch. The boiler, as is customary, is provided with a feeding-pump, (which may be used for other purposes,) with a safety-valve, a blowing-off cock, and a smoke-pipe, and gage-cocks, &c. On my model I have not shown the feeding-pump, the safety-valve, the blowing-off cock, nor gage-cocks, because it would be inconvenient to do so, and because they are appliances in common use on steam-boilers and are well known to engineers and firemen. I have,

however, shown the pump and the safety-valve on Fig. I and the gage-cocks on Fig. II. Upon each side of the boiler and upon that part of the wagon-body projecting over the wheels I place an apparatus C for broiling meats, of any desirable pattern of construction to answer the purpose intended. It will of course be provided with a fire-grate and a gridiron, both well-known old contrivances. I also place upon these projections extending on each side of the wagon over the wheels thereof one or more of the galvanized-iron ovens patented to Blodget and Sweet, of Burlington, Vermont, by the United States, on the 5th day of December, A. D. 1854. This part of the apparatus is marked D in the drawings. In my model I have not shown the precise construction of these ovens. In my drawings they are very correctly delineated as Messrs. Blodget and Sweet now construct them. *b b* are smoke-pipes, and *c c* are pipes for ventilating the ovens. *d* is the fire-place.

I prefer to place the several pieces of apparatus or parts of the cooking-wagon securely and firmly to the wagon-body in the position described; but if I found it more convenient I should place them in other positions, with or without fastening, to the body of the wagon, as I chose.

The wagon may or may not be covered with cloth or other material, according to circumstances.

To use the army cooking-wagon I place it in any convenient position and attach a suction-hose to the pump and insert the other end in water and pump the water into the boiler. When steam is raised and I desire to boil a barrel of beef, hams, pork, or potatoes, or other vegetables prepared for boiling, I attach to one of the steam-cocks F one end of a piece of vulcanized india-rubber hose or a steam-pipe and insert the other end of the hose or pipe into the barrel of meat or vegetables prepared to be cooked and turn on the steam until the cooking is performed.

The method of using the broiling apparatus and the baking-ovens is too well-known to require any description to enable any person of culinary or mechanical skill to use either successfully.



I do not claim to have invented either the wagon, the boiler, the broiler, or the baking-ovens.

What I claim is—

1. Combining the above-mentioned oven with an army-wagon or other vehicle, substantially as described.

2. The combination of the said oven or baker with either the boiler or broiling appa-

ratus, or both, and this combination with the wagon, substantially as described, for the purpose of making a portable army cooking-wagon.

GEO. F. WILSON.

Witnesses:

G. H. PENFIELD,  
A. W. THOMPSON.