

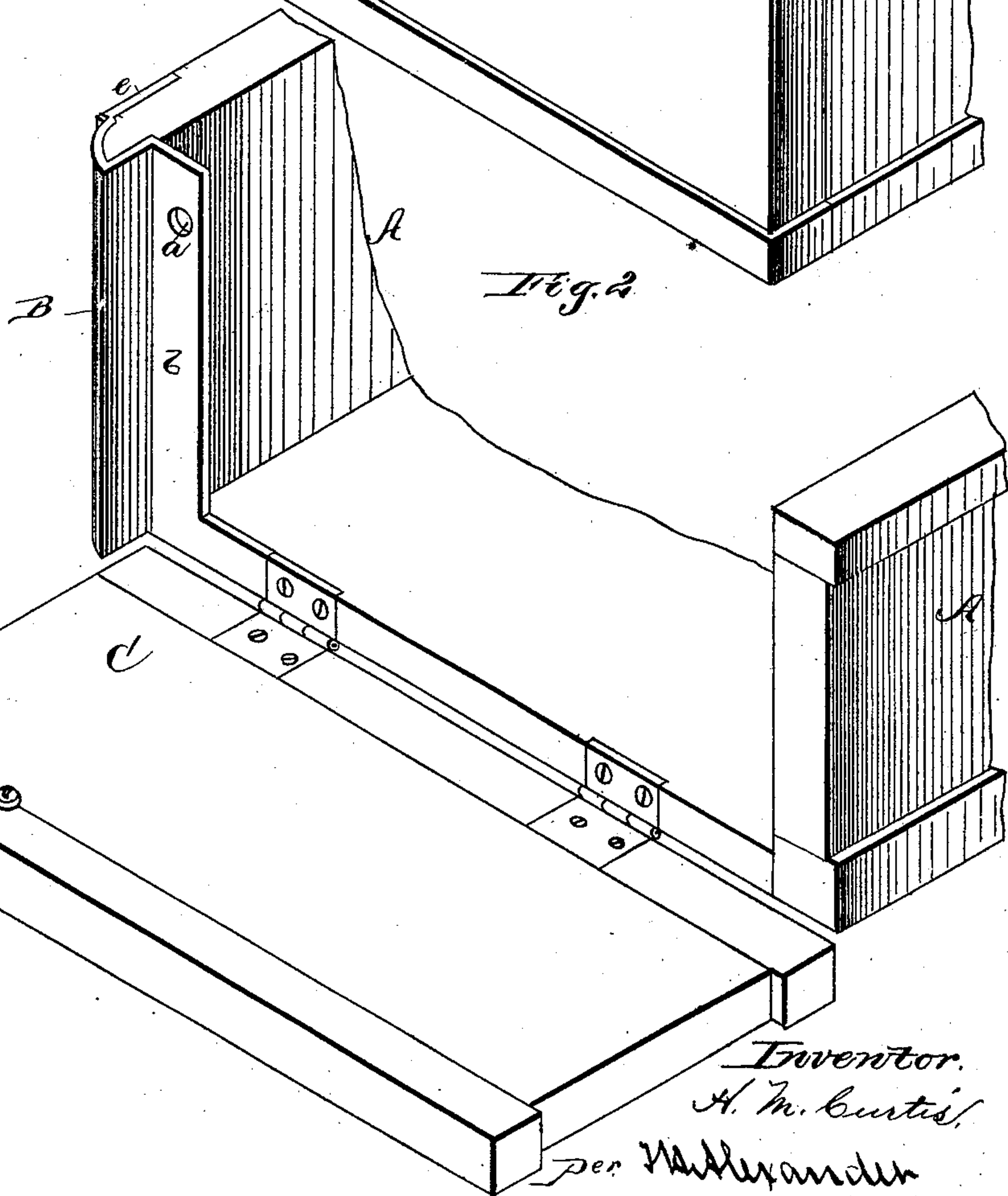
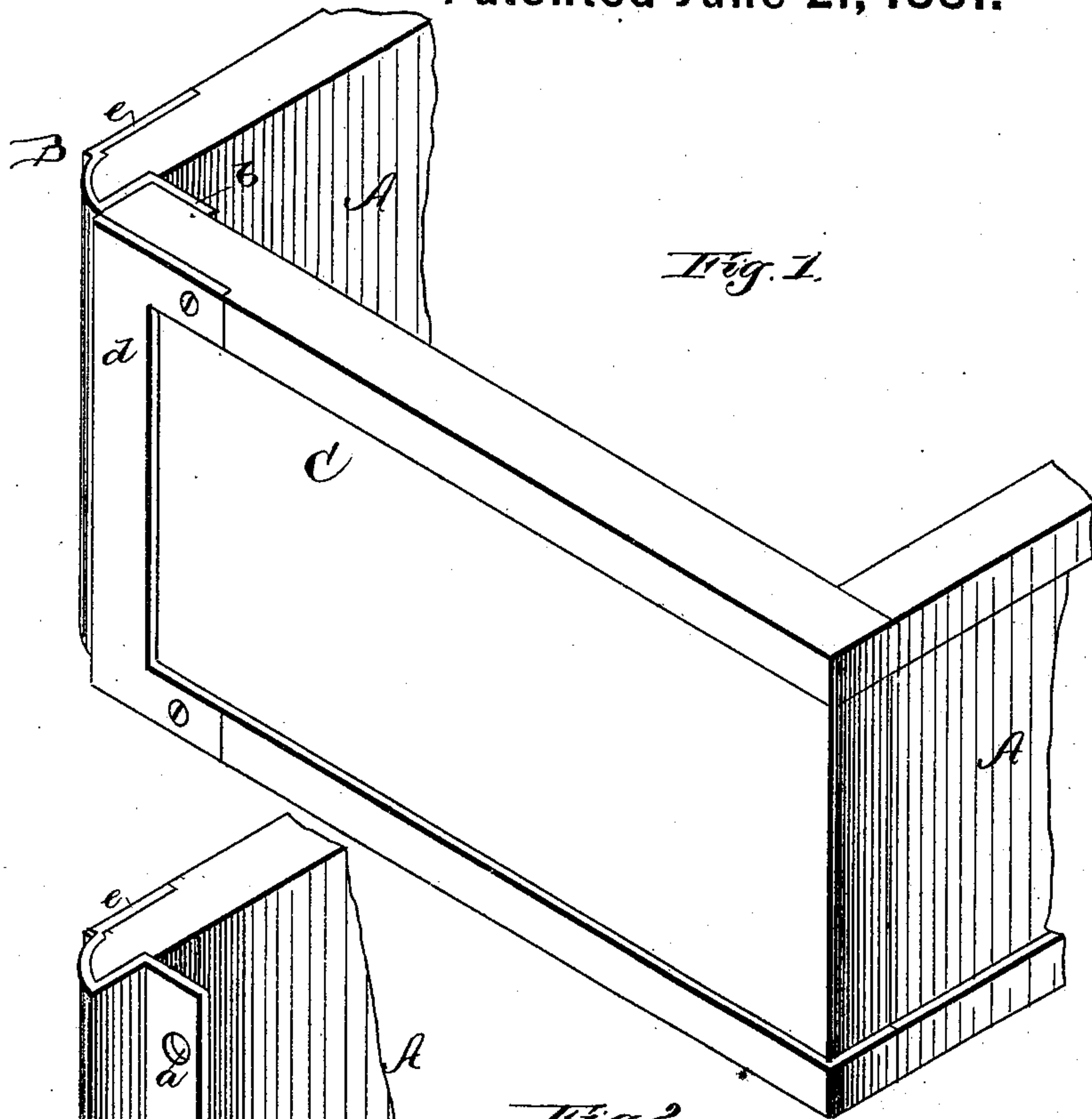
(No Model.)

H. M. CURTIS.

Wagon Body.

No. 243,219.

Patented June 21, 1881.



Witnesses:
H. C. McCutcheon
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UNITED STATES PATENT OFFICE.

HENRY M. CURTIS, OF YPSILANTI, MICHIGAN.

WAGON-BODY.

SPECIFICATION forming part of Letters Patent No. 243,219, dated June 21, 1881.

Application filed April 19, 1881. (No model.)

To all whom it may concern:

Be it known that I, HENRY M. CURTIS, of Ypsilanti, in the county of Washtenaw and State of Michigan, have invented certain new and useful Improvements in Wagon-Bodies; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form part of this specification, in which—

Figure 1 is a perspective view of my invention, showing the end-gate closed; and Fig. 2, a similar view, showing the end-gate open.

The object of this invention is to provide a metallic end or corner for wagon-bodies, which will serve as a complete shield to the same and constitute a stop to the gate, and a means by which the gate may be securely fastened, all substantially in the manner hereinafter described and claimed.

To enable others skilled in the art to which my invention appertains to make and use the same, I will now proceed to describe its construction and operation.

A represents a wagon-body, B the shield, and C the gate, which is hinged at its bottom to the rear end of the body, as seen in the drawings.

The shield B is constructed or cast to conform to the end of the side of the body, and preferably with projections *e e*, through which are holes to enable the shield to be screwed firmly to the body. The inner side of the shield is parallel with the projections *e e*, and is of sufficient width to correspond to the thickness of the gate. This inner side is then turned at right angles, or on a line parallel with the gate, to form the stop *b*, in which is a suitable hole, *a*.

d represents a metal strip whose outer edge,

also its upper and lower edges, are flush with the end and top and bottom of the gate. Through this metal strip and gate extends the metal pin *g*, in such a position as will admit of its entering the hole *a* when the gate is closed. The pin *g* is provided with a hole, in which the hook *h*, or its equivalent, is inserted in order to lock the gate. I have shown the device applied to but one of the rear corners of a wagon-body, but it is obvious that when desirable, in large wagons, one may be placed upon each corner. When upon one corner only the opposite end of the side should, of course, terminate on a line with the stop *b*.

This invention, though simple, will be found to effectively obviate the difficulty to which the rear end of a wagon-body is subjected, such as becoming mashed and bruised when loading with heavy articles, or swollen from moisture, thus often making the closing of the end-gate very hard.

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

1. The combination, with a wagon-body and its gate, of the metal shield B, formed with stop *b*, substantially as and for the purpose set forth.

2. The combination, with a wagon-body and its gate, of the metal shield B, having stop *b*, metal strip *d*, its pin *g*, and hook *h* or its equivalent, all constructed and arranged to operate substantially as and for the purposes set forth.

In testimony that I claim the foregoing as my own I affix my signature in presence of two witnesses.

HENRY M. CURTIS.

Witnesses:

FRANK JOSLIN,
E. A. BOVEE.