

(No Model.)

F. E. FAY.
WHEELBARROW.

No. 354,775.

Patented Dec. 21, 1886.

Fig. 1.

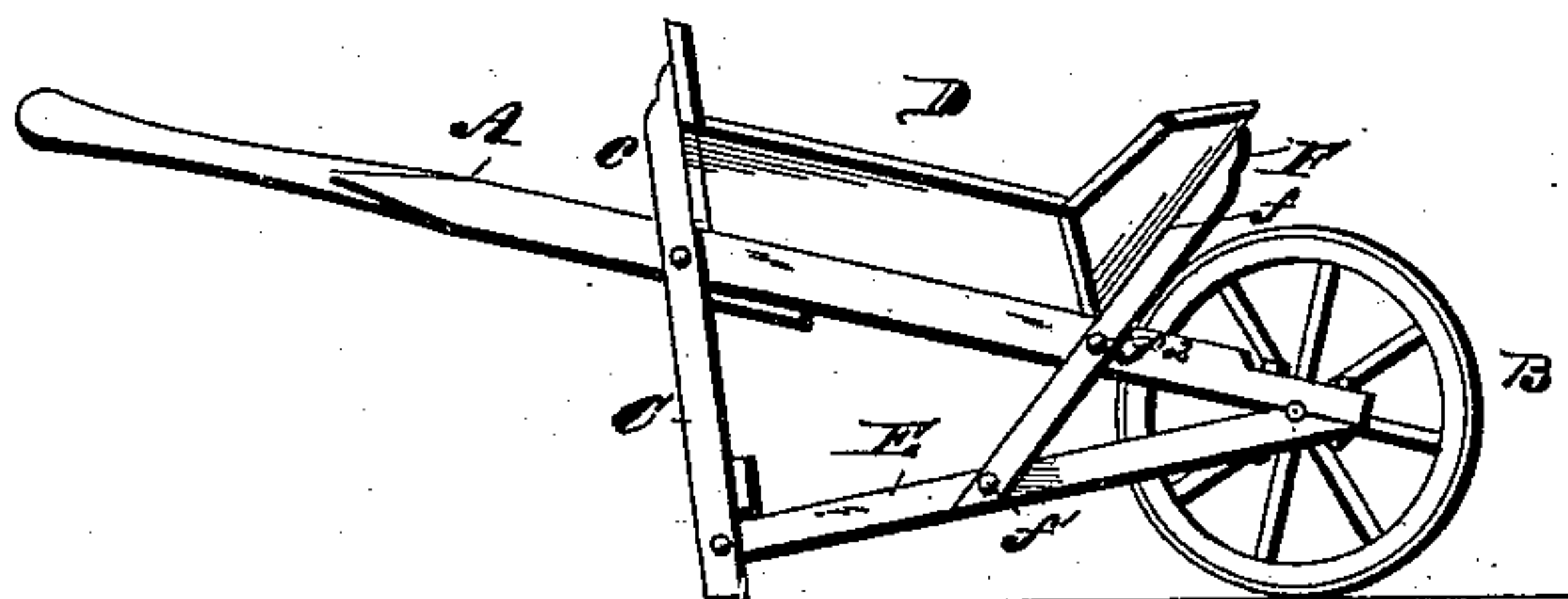


Fig. 2.

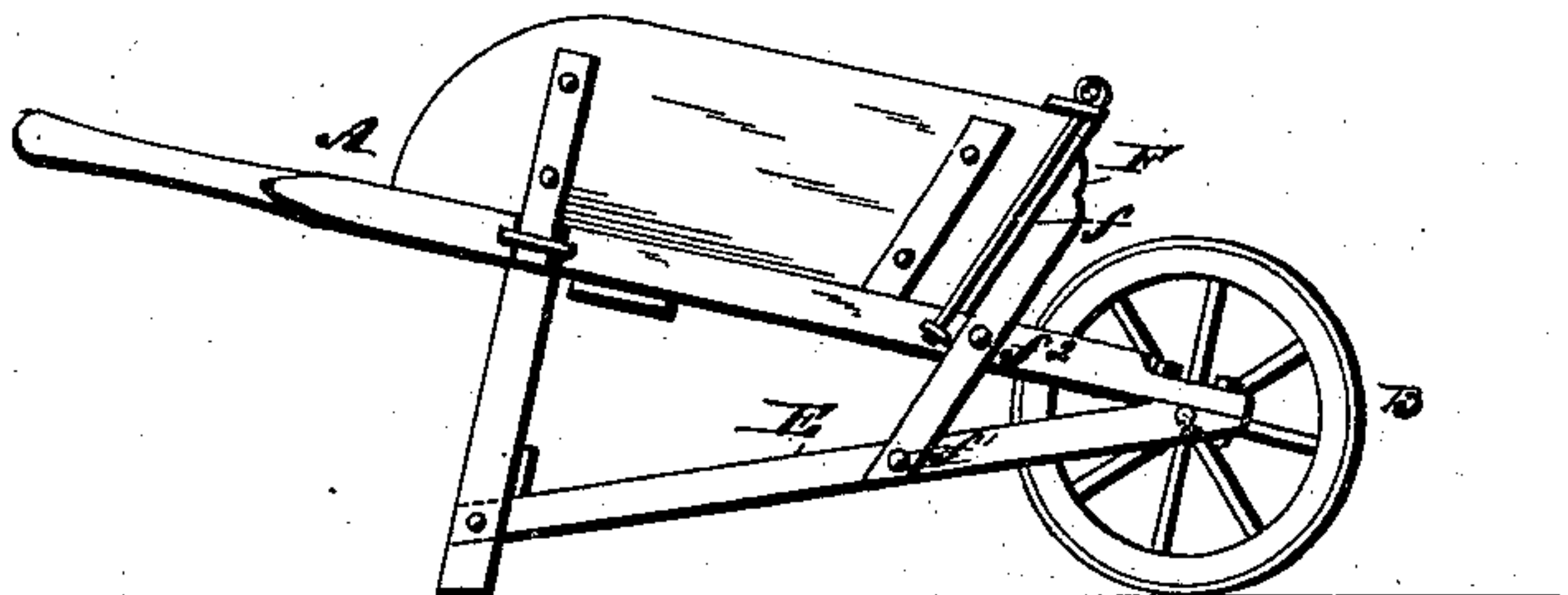


Fig. 3.

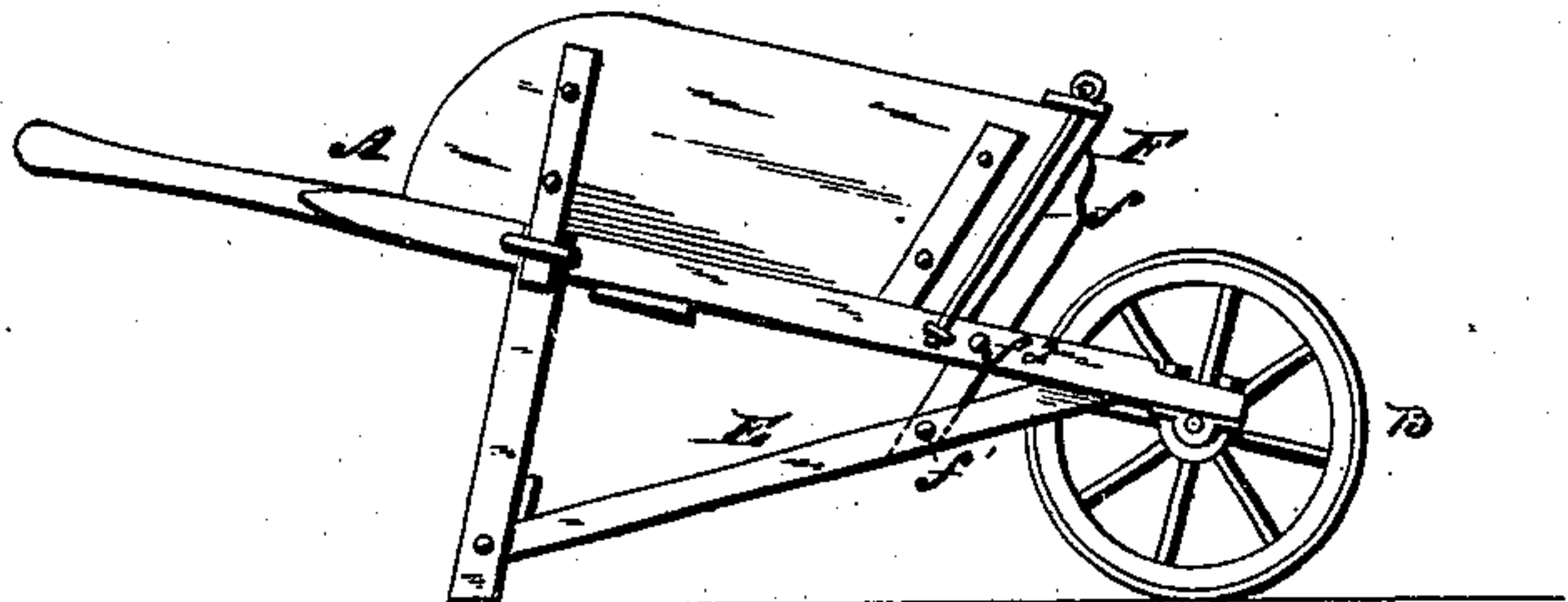
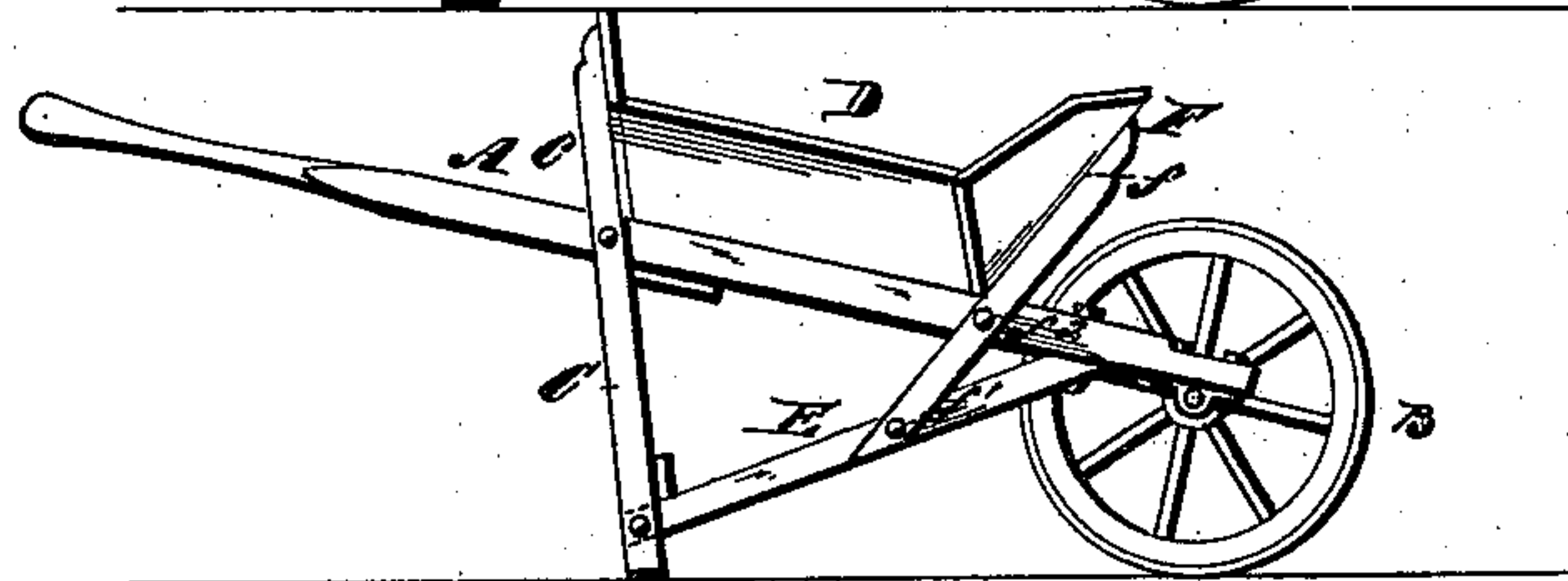
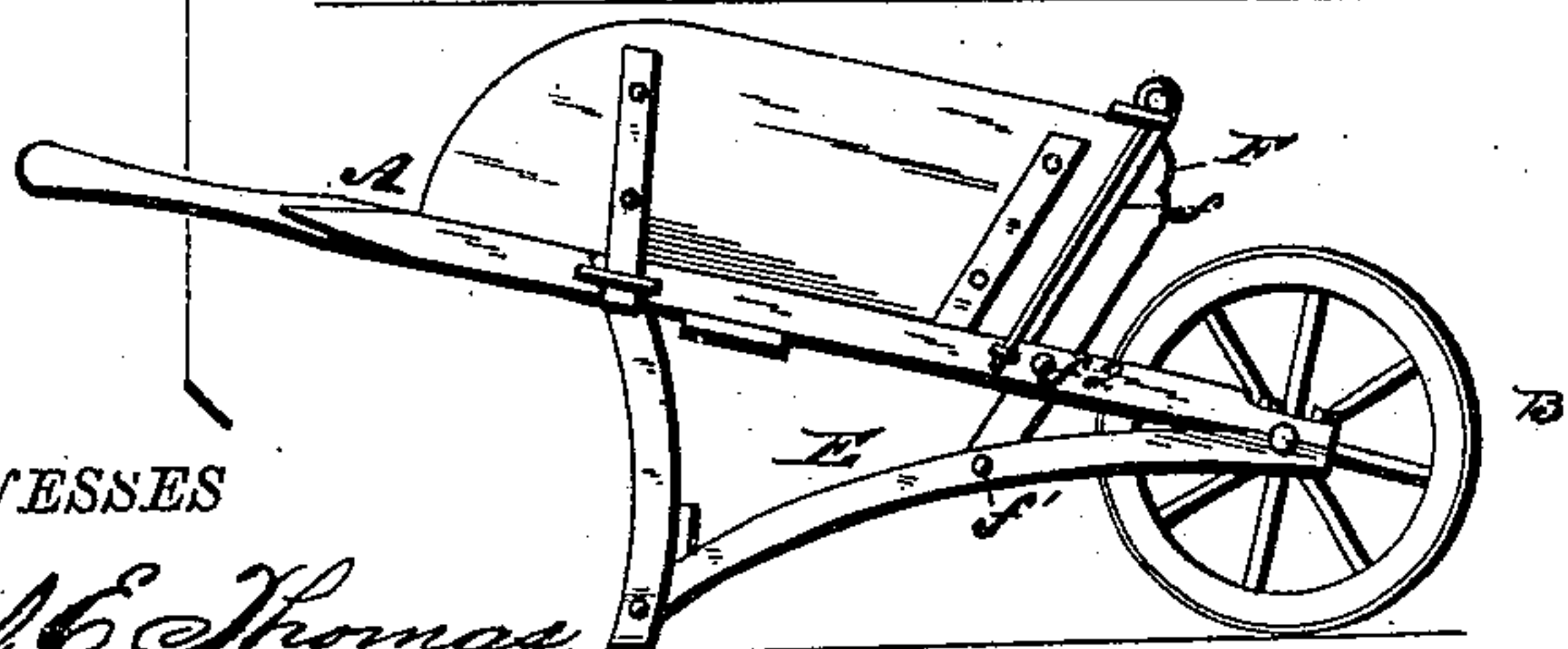
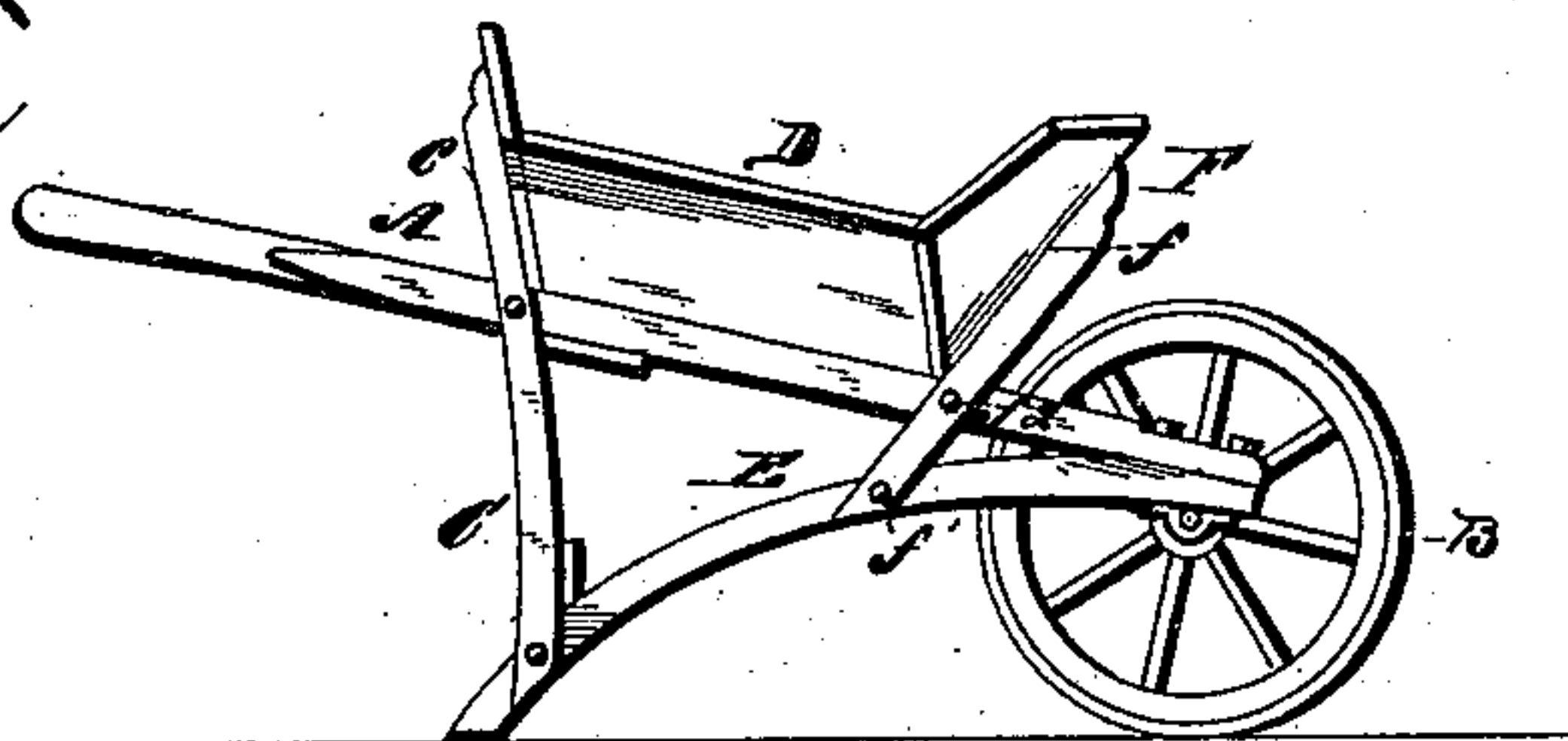


Fig. 5.



WITNESSES

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FRED. E. FAY, OF BRYAN, OHIO.

WHEELBARROW.

SPECIFICATION forming part of Letters Patent No. 354,775, dated December 21, 1886.

Application filed May 6, 1886. Serial No. 201,359. (No model.)

To all whom it may concern:

Be it known that I, FRED. E. FAY, of Bryan, county of Williams, State of Ohio, have invented a new and useful Improvement in
5 Wheelbarrows; and I do hereby declare the following to be a full, clear, and exact description of the same, such as will enable others skilled in the art to which it pertains to make and use it, reference being had to the accom-
10 panying drawings, which form a part of this specification.

My invention consists of the combinations of devices and appliances hereinafter specified, and more particularly pointed out in the
15 claims.

In the drawings, Figure 1 is a side elevation of a dump-wheelbarrow illustrating my invention. Fig. 2 is a side elevation of a garden-
barrow illustrating the invention. Fig. 3 is
20 a variation of the same, in which the leg-brace terminates back of the axle of the wheel. Fig. 4 represents a variation in which the leg-brace is of bent or curved material.

It is the purpose of this invention to pro-
25 duce a wheelbarrow in which the leg shall be braced by a brace extending from its foot, or near its foot, forward to or near the wheel, where it is fastened to the handle-piece, and to combine therewith a separate brace, which,
30 being fastened to the handle and to the leg-brace, shall project above the handle and form a support for the forward end of the tray, while the top of the leg projects above the handle and forms a support for the rear end
35 of the tray.

In the construction of wheelbarrows the trays will frequently vary somewhat in size or dimensions, and if the upper part of the leg forms a support for the rear of the tray, while the up-
40 per part of the leg-brace forms a support for the forward end of the tray, this fixed relation renders it frequently necessary either to dress off the supports above the handle or otherwise specially fit the tray to its seat. So, also, with
45 garden-barrows and other barrows of that type, it is desirable at times to locate the forward board of the barrow either a little nearer to or farther from the wheel, and any fixed relation of such a supporting-leg to a supporting
50 leg-brace renders it difficult to make such changes or variations.

It is the purpose of this invention to make the leg-brace independent of the tray, and to provide a separate forward brace, which may be brought against a tray of any particular
55 size, the projecting upper part being brought snug against the tray, and its lower end be fastened to the leg-brace and its intermediate portion to the handle of the barrow.

In carrying out my invention, A represents
60 the handle of a wheelbarrow; B, its wheel; C, its leg, with the upper end projecting to support the rear end of the tray at *c*.

D represents the tray.

E is the leg-brace projecting from the leg,
65 adjacent to or near its lower end, as may be deemed expedient, and projecting thence forward and connected with the handle-piece at or near its forward end.

F is the forward tray-brace. It rests against
70 the tray along its upper projecting portion, *f*, and is secured thereto. Its lower end is fastened to the leg-brace at *f'*, and its intermediate portion secured to the handle-piece at *f''*. This piece may of course be located forward
75 or back, to suit any particular formation or size or irregularity of the tray without disturbing the relation of the leg-piece and the leg-brace. Of course if this is applied to a garden-barrow, or a barrow of that type, the
80 projecting portion *c* at the upper end of the leg is dispensed with. So, also, instead of the leg-piece being made of straight material from top to bottom it may be made of curved or bent material, and the leg-brace may likewise
85 be made of curved or bent material, as shown in Fig. 4.

The leg-brace, as herein described, instead of terminating back of the axle of the wheel, may, if desired, be brought forward, and the
90 axle be seated within it or beneath it. Such a construction would be indicated in case it were desired to raise the forward end of the barrow higher above the ground, so that in wheeling there would not be so great a tend-
95 ency to lose material over the forward end of the tray.

Of course the leg-brace may extend to the ground, and the leg connected thereto at a short distance above the ground, and I would
100 have it understood that such construction is contemplated as the equivalent of a construc-

tion in which the leg extends to the ground, and the leg-brace is secured thereto above the ground, as shown in the drawings. When the leg-brace projects forward to the axle, it may receive or support the axle-box, or a hole may be bored within the brace to receive directly the end of the axle.

It will be understood that I do not herein broadly claim a leg-brace extended to the forward end of the handle-piece and forming part of the axle-support, as such is claimed in my application, Serial No. 201,360, of even date.

Having thus described my invention, what I claim is—

1. In a wheelbarrow, the combination of the handle-piece, a leg secured thereto, a separate leg-brace secured to and extending from a point at or near the lower end of the leg forward of or near the wheel-axle and there secured to the handle-piece, and a separate forward brace for the tray or forward board of the barrow, said tray-brace projecting downward and secured to the leg-brace and handle-piece, substantially as and for the purpose described.

2. In a dump-barrow, the combination of a handle-piece, a leg secured to and projecting

above the handle to brace the rear end of the tray, a separate leg-brace extending from the lower end of the leg toward or near to the wheel-axle and there secured to the handle-piece, and a separate forward brace secured at its lower end to the leg-brace, with its upper end projecting above the handle-piece to form a forward brace to the tray, and having its intermediate portion fastened to the handle-piece, substantially as and for the purpose described.

3. In a wheelbarrow, the combination, with the handle-piece and leg, of a leg-brace extending from or near the base of the leg to the forward end of the handle-piece, and at its forward end adapted to receive the axle or axle-box, and a separate forward brace secured to the leg-brace and handle-piece, substantially as and for the purpose described.

In testimony whereof I sign this specification in the presence of two witnesses.

FRED. E. FAY.

Witnesses:

M. B. O'DOHERTY,
N. S. WRIGHT.