

C. M. VAN EVERY.
Plows.

No. 157,892.

Patented Dec. 15, 1874.

Fig. 1.

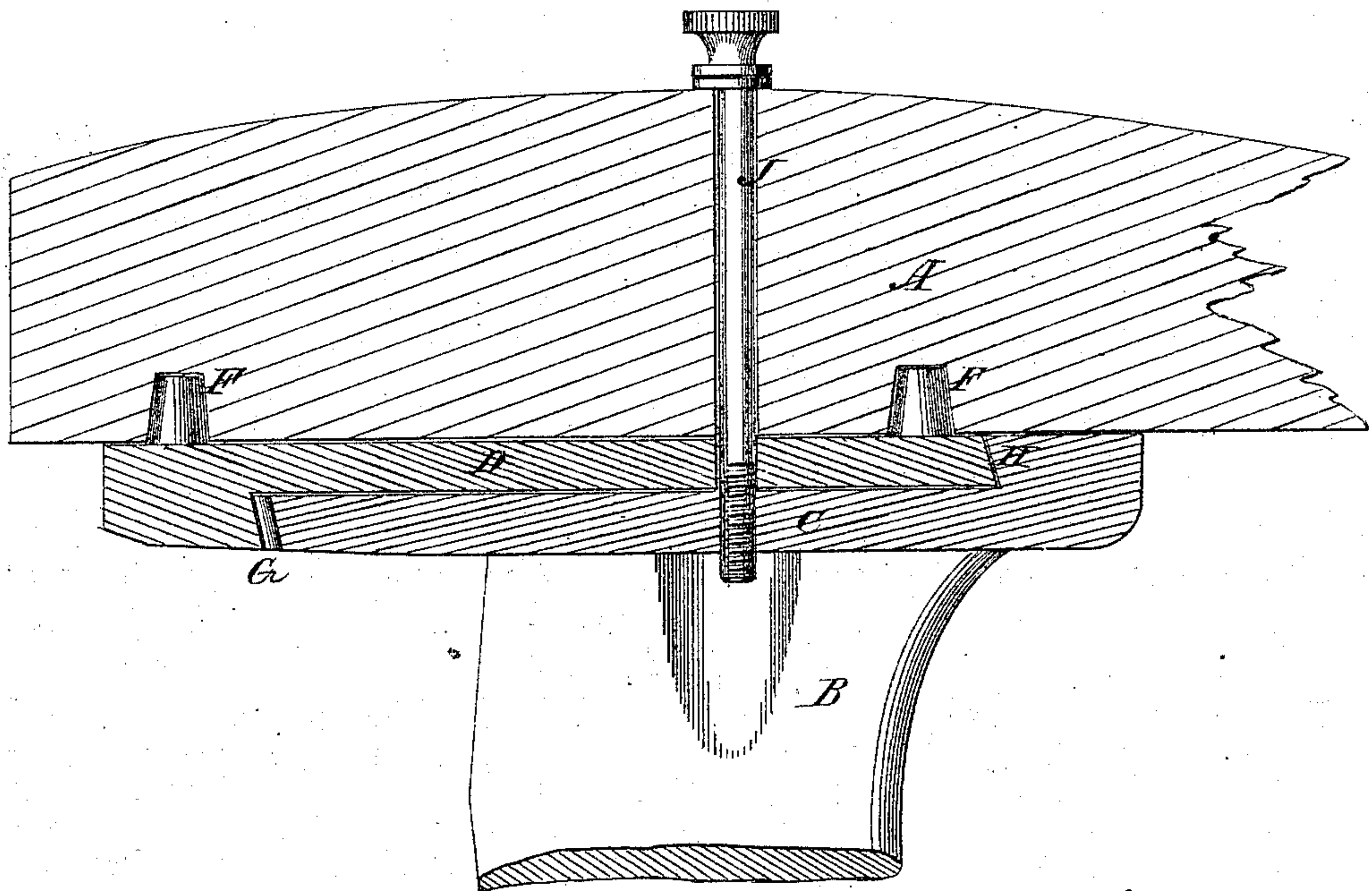
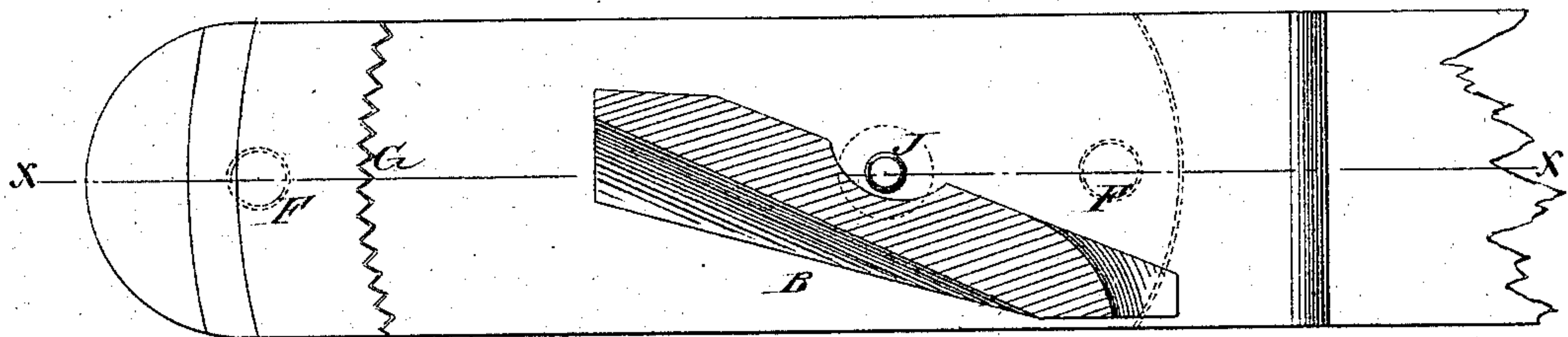


Fig. 2.



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IMPROVEMENT IN PLOWS.

Specification forming part of Letters Patent No. **157,892**, dated December 15, 1874; application filed October 10, 1874.

To all whom it may concern:

Be it known that I, CHAUNCEY M. VAN EVERY, of Bronson, in the county of Branch and State of Michigan, have invented a new and useful Improvement in Plows, of which the following is a specification:

The invention will first be fully described, and then pointed out in the claim.

Figure 1 is a longitudinal sectional elevation of a portion of a plow-beam and plates, and Fig. 2 is a plan of Fig. 1 inverted.

Similar letters of reference indicate corresponding parts.

A is the beam; B, the plow-standard; C, the horizontal plate on the top of it, and D the plate attached to the beam. The latter plate has dowel-pins F to hold it strongly against being turned horizontally on the beam, and it has near one end a concave and under-cut flange or wall, G, with vertical notches or serrations, in which corresponding points on the end of the plate C fit, while at the other end of plate D it is rounded and fitted in a concave and under-cut shoulder, H, of plate C, all so that when both plates are attached to the beam A by a single bolt, J, the plow will be firmly but detachably secured, so that it can be shifted readily at any time to alter the lead of the beam merely by unfastening a single bolt. The under-cut shoulder G holds the

standard against the tendency of the backward strain on the plow to strip it off from the bolt, and the other under-cut connection at the front has the same effect when the plow is pulled forward. The serrations at G may be on the top of the plate c and bottom of plate D, and the under-cut shoulder or clutch thereat may be dispensed with, if preferred. Two coupling-bolts may be used to fasten the plates together and to the beam, one passing through the slot in plate c.

I am aware that the principle of adjusting the beam laterally on the plow-standard, in connection with the extension of it back to the handles, and laterally-adjustable connection thereto, is not new: and I do not claim broadly the connection of the beam so as to be adjusted laterally.

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

The combination, with standard B, having the cap C, notched at H, the screw J and the apertured beam A, of the plate D, notched and serrated at G, and having top studs F F, as and for the purpose described.

CHAUNCEY M. VAN EVERY.

Witnesses:

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