

ERICKSON AND GARRETT, PHILADELPHIA, PENNSYLVANIA.

WORKING DRAFT OF PHILADELPHIA LUMBER WAGON

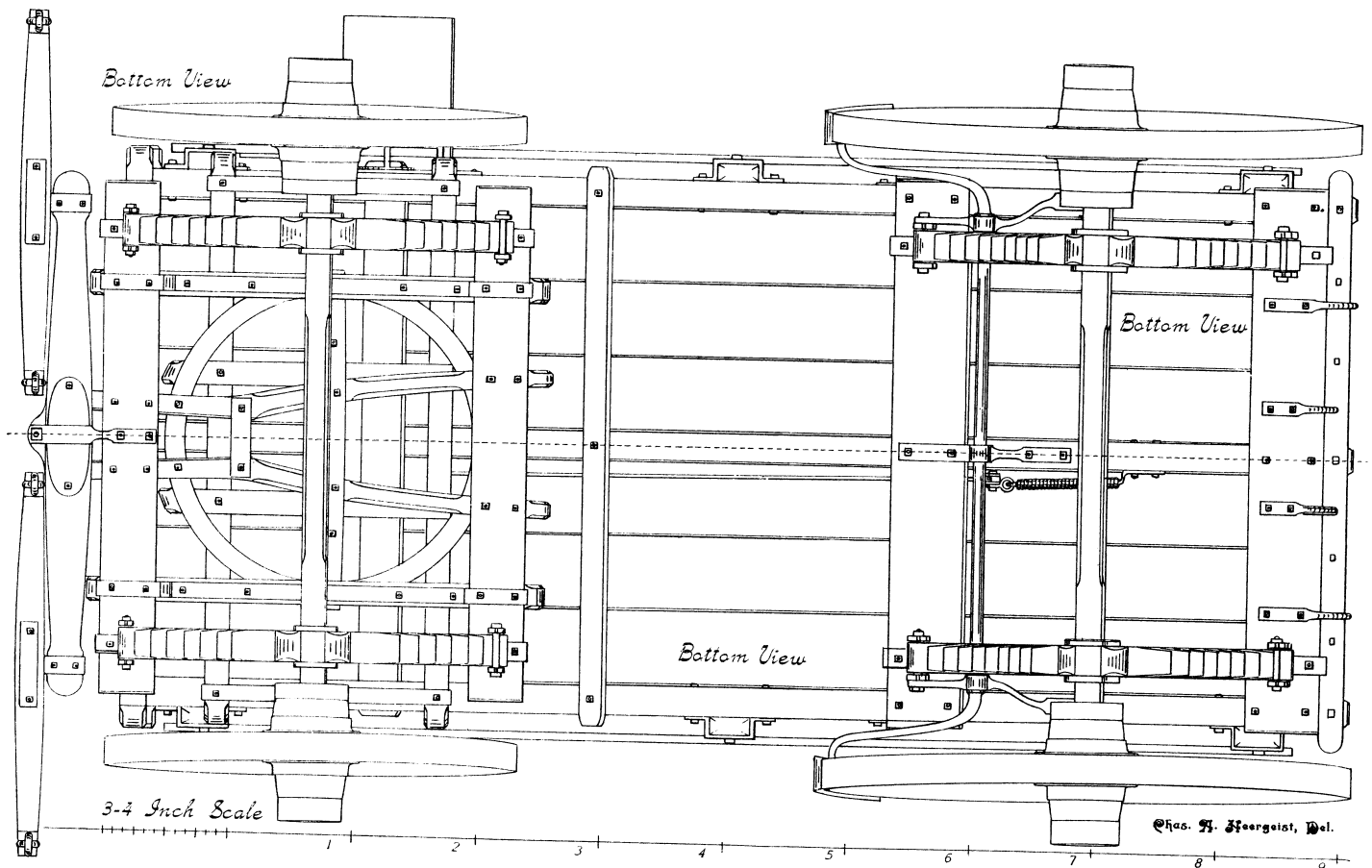
Carriage Monthly November 1905 page 250--252

Four views are herewith given of a lumber wagon made in Philadelphia style, showing side, front and rear elevation and bottom view. The bottom has three sills, $2\frac{7}{8} \times 3\frac{3}{4}$ inches, 10 feet 1 inch long, 53 inches wide outside of sills, without the posts. The end bars are same size as the sills. The bottom is recessed to give room for the six rollers, and the space between the rollers and the bottom boards should not be less than $\frac{3}{8}$ inch. The two rear spring crossbars serve as bottom bars by filling the space between the spring bars and bottom boards. There are two additional bottom bars toward the front, as shown by the ends on side view.

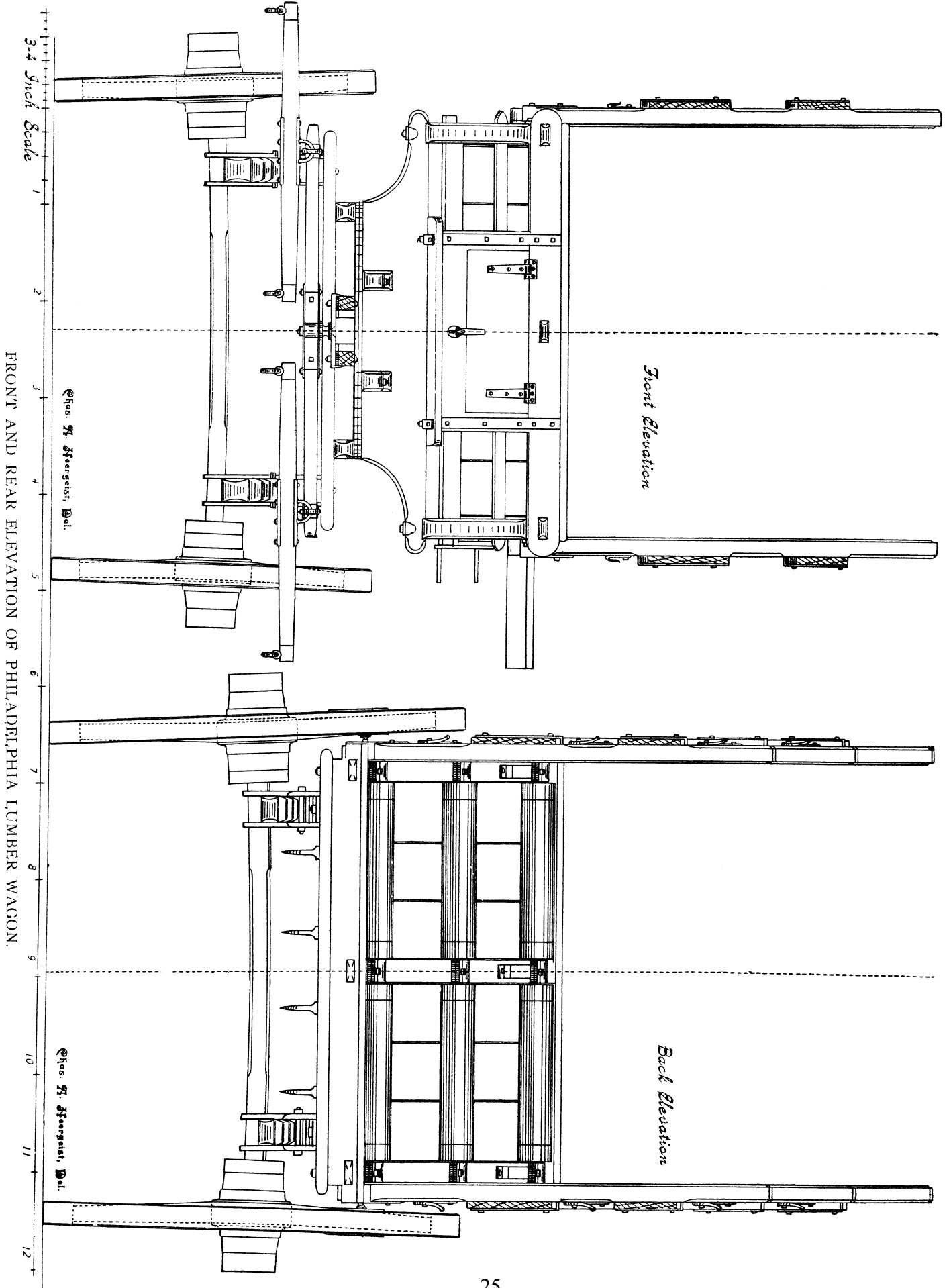
The sills have plates top and bottom, $\frac{1}{4} \times 2\frac{7}{8}$ inches, excepting the under side of center sill. The rollers are four inches in diameter and fit between the sills. The roller sockets rest on top of sill plates, and are bolted through the sills. When the wagon is loaded it has no seat, because the boards or joists always reach over the seat. To compensate for this there is a 12-inch wide board, $\frac{7}{8}$ to 1 inch thick and about 4 feet 9 inches long. This board has three fastenings, one on each sill and when pulled out

about 15 inches it rests against the stay on center sill. A front roller has a ratchet, as shown on front elevation. This roller holds the load partly. When the wagon is to be loaded the chains and ropes which prevent the load from slipping during transit are removed. The lever near the roller is turned forward, as shown by the square part on ratchet, and when the lever is removed the load slips back and unloads itself. The height of sills from floor in the rear is 3 feet 3 inches and in front 5 feet 3 inches, a drop of 2 feet in 10 feet. The stakes have special sockets and the bevel corresponds to the amount of drop of axle, because the stakes must be on the thumb line in both directions. All of these stakes are 2 inches thick from top to bottom, $4\frac{5}{8}$ inches on bottom, $2\frac{3}{8}$ inches on top and 4 feet 6 inches long.

The side boards are $7\frac{5}{8}$ inches wide on top and 10 inches for lower ones and all are $\frac{3}{4}$ inch thick. They stand over each post 2 inches. Note the hooks. One on top of each centerpost, three on each rear post and four on under face of rear spring bar.



BOTTOM VIEW OF PHILADELPHIA LUMBER WAGON.



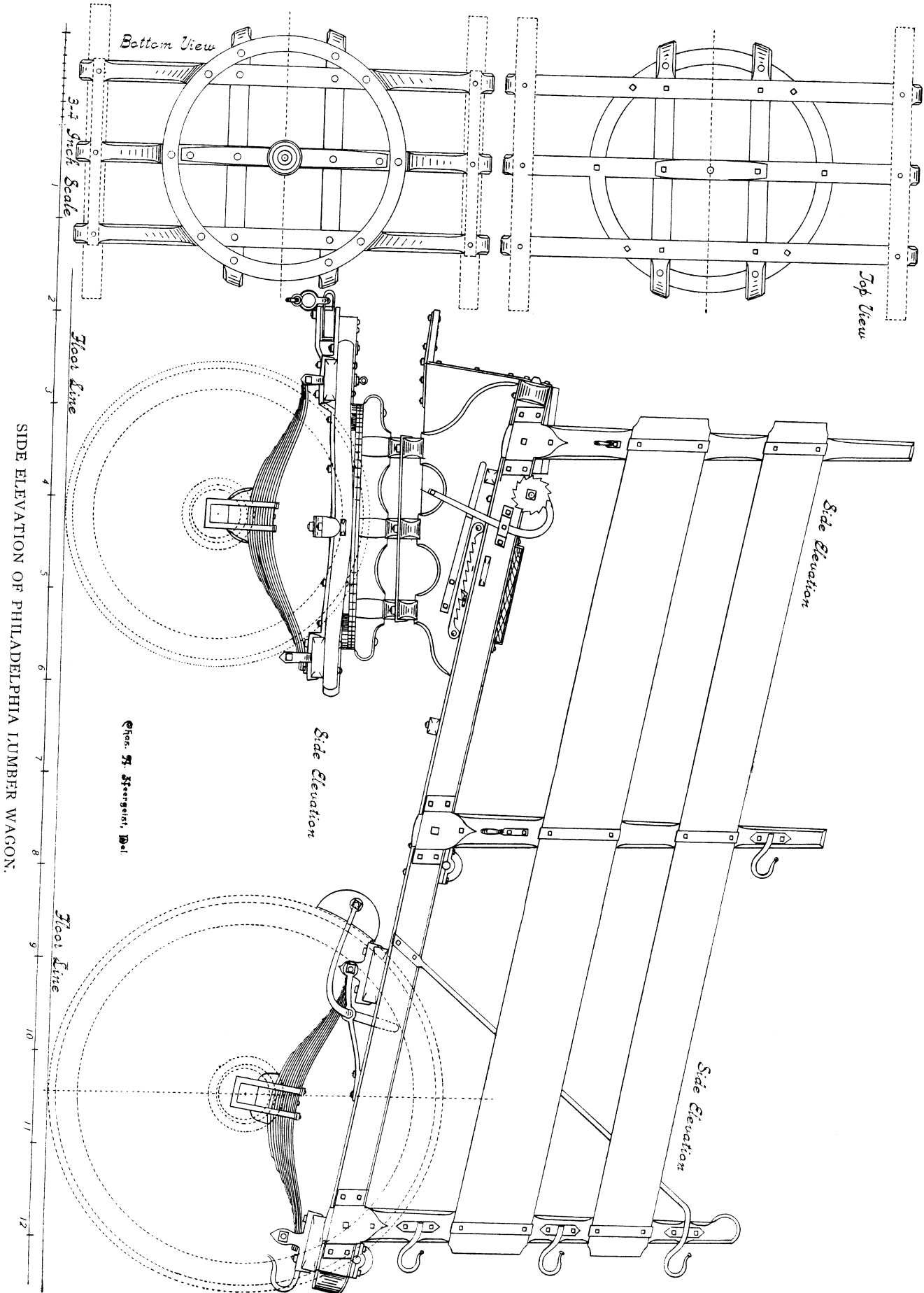




Plate No. 1014. PHILADELPHIA LUMBER WAGON.

Built by Erickson & Garrett, Philadelphia, Pennsylvania.

Carriage Monthly December 1906.

Also published in *Hitch Wagons for City Driving and More* by the Carriage Museum of America