(12) **United States Patent**
Bell

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(54) **CANNON, TRAVERSE BOARD**

(76) Inventor: **William H. Bell**

William H. Bell
Letters Patent
(357)

The Schedule referred to in these Letters Patent and making part of the same containing a description in the words of the said William H. Bell himself of his Improvement in a traverse board for pointing Cannon—

If an oaken board about two inches in width and three or four inches in depth be nailed horizontally fast against the interior wall of a fortification (on which a gun is mounted on its carriage in battery) in such manner that when the axis of the carriage is perpendicular to the wall, the centre of the board shall be in the vertical plane through the axis of the carriage and shall be immediately over and almost touching the tongue of the carriage and if the board thus nailed fast have its rear or upper edge shaped into the curvature described / while the carriage standing from the extreme right to the extreme left / by a single nail in the tongue of the carriage immediately below and almost touching the board, and if this circular edge of the board be divided into 15 or 20 perpendicular divisions and each perpendicular part into as many subdivisions as may be convenient there, by means of the graduation on the board and the sight range (about 6 inches in length) inserted in the centre of the tongue, which points to the graduations any position at which the gun stands, at the horizontal range or traverse / may be known to the Captain of the gun at a glance of the eye since it will be indicated at once by the point of graduation on the board, at which the sight pointer stands. Which for illustration we will suppose to be at the distance 10½" of the graduation— Now if we suppose a battery of 10 guns

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