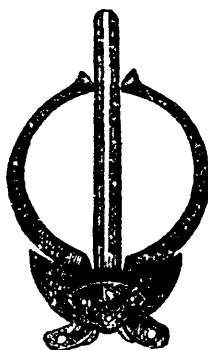
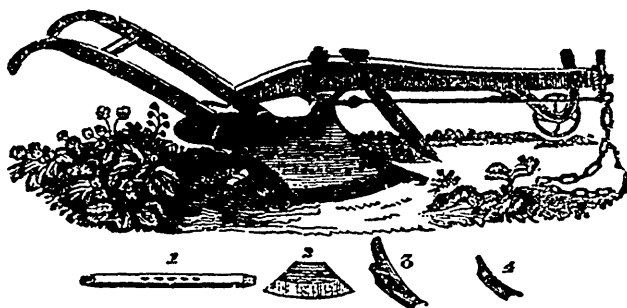


PATENT BOW PIN.



This cut represents a new Yankee invention, that may recommend itself to our Canadian ex-drivers who are liable to lose their pins. The outside circular parts are opened from the centre or body part by a spring, when the latter part is put through a hole in the bow, and the spring closes the circular parts again, clasping the bow on both sides, and prevents all possibility of dropping out.



SELF-SHARPENING STEEL-POINTED PLOUGH.

Ploughs of American pattern and manufacture are being every year more extensively used in Canada. They are cheap; and when made at such establishments as Ruggles, Nourse & Co., Boston, where the best second-growth timber is used, they are very strong and durable. The cut represents a plough very highly spoken of by those who have used it. It is of the same form and general construction as the celebrated Eagle Plough, with the exception that the point and share are in two pieces, which are made on an improved self-sharpening principle.

The point, as shown detached at No. 1, is simply a bar of iron sharpened at each end, about twenty inches long, and which passes upward into the body of the plough, where it is confined with one bolt. As it becomes shorter, and worn on the under side, it is readily moved forward and turned the other side up, thus always presenting a sharp point of full length and proper shape. When one end is worn off five inches, the other end is placed forward, and performs a like service. The wing or share, as shown detached at No. 2, is made of either wrought-iron with steel edge, or of cast-iron, and is also reversable, being used either end forward, or either side up.

Both point and share are so very simply constructed, that any blacksmith can replace them at trifling expense, or perpetuate the use of the original by new-laying with steel, as they become worn.

There is a coulter of cast-iron a little back and above the point, shown detached at No. 3, forming part of a cap, shown detached at No. 4, which cap protects the