



LIST OF PATENT CLAIMS Issued from the United States Patent Office, FOR THE WEEK ENDING MAY 1, 1855.

PROJECTILES—W. J. Von Kammerhuer, of Washington City, D. C.: I claim the lens shape of the projectile, made of any desirable material or combination of materials, solid or hollow, as described, and which projectile is to be thrown by any exploding or expanding substance.

I claim constructing the mold, as shown and described, viz., having a conical aperture, a, made in a piece of metal, and having a projection or cone, E and flanch, d, attached to a metal strip j, which is secured to the shank or handle, C, of the mold by a pivot, c, so that said projection or cone may be inserted in and withdrawn from the aperture, a, as shown and described.

by as described, for the purpose of cutting or sawing off piles under water. I also claim the method of fastening to the pile to be sawn by means of a clamp or adjustable tongs, with suitable jaws and teeth, as described.

There have recently been imported from France the cuttings of several varieties of the prune, which have been distributed by the Department in Maine, New Hampshire, Vermont, Northern New York, Michigan, Wisconsin, Minnesota, and several points on the Allegheny mountains, to be engrafted on the common plum tree.

The Patent Eight-wheeled Car Case A very important patent case, which had occupied the U. S. Circuit Court in this City, Judge Betts presiding, from the 5th of last March, (no less than sixty days), was concluded on Friday the 4th inst.

It was a trial for infringement of the patent of Ross Winans, of Baltimore, by the Harlem Railroad Company. The patent was obtained in 1834, for the employment of eight-wheeled cars on railroads, and the present suit for damages was instituted in 1849. The defendants pleaded the general issue, viz., that the invention was not new, that eight-wheeled cars had been employed for similar purposes before Ross Winans' application of them, and even if he were the original inventor, he had allowed them to go into public use, with his consent, before his patent was granted, and that under the act of 1793 (now abolished by the act of 1836, subsequent to the granting of his patent,) it constituted abandonment of the invention.

Judge Betts charged the Jury, that the drawings substituted for those burned must be like the originals, and they were to judge of this from the evidence. Also whether the cars used for the transporting of lumber, and those patented in England, before 1834, presented as proof by the defence, were similar to those of the complainant; also, whether he constructed cars, and allowed them to be publicly used, for the benefit of other parties before he obtained his patent. If the invention of Mr. Winans were new, unlike those used before 1834; if he did not dedicate it to public use; and if his drawings, were true copies of the originals, and correct, then he was entitled to the verdict.

The Jury were out all night, and came in on the Friday morning requesting further instructions from the Judge; these were given, and they again retired for a few hours, when they came in and declared they were unable to agree. They were then discharged. Such were the inconclusive results of this long trial, said to cost \$40,000. A deep interest was manifested respecting what the decision of the Jury would be. It may be said that many millions of dollars vibrated on the issue, claims having been set up against a number of other railroads for infringement of the same patent.

Ketchum's Patent Case. Howard & Co., of Buffalo, have published in the Buffalo Advertiser of the 24th ult., the decree and injunction granted by Judges Nelson and Hall, in Utica, on the 18th ult., against E. Forbush and W. Mercer. They assert that all those who are using the machines made by the American Mowing Machine Co.—Forbush's patent—is liable to them for damages.

Reaper Patent Case. In this city on the 28th ult., before Justice Nelson, U. S. Circuit Court, three cases for infringement of McCormick's reaper patent were decided. One of the defendants—Wood—agreed to take license from McCormick; but other two, Marcellus and Jerome.

When we went to press, another case of McCormick, against Seymour, for infringement of his reaper patent, on a motion for injunction, was being argued before Judge Nelson.

A suit between Woodworth and Norcross, respecting Woodworth's planing machine, is also set down for trial. The results we will present to our readers in due season.

The Ohio Cultivator gives accounts from several counties of that State respecting the promising appearance of the young wheat crop.