

of harness gearing and animal strength; and, finally, if it were fornothing more, than the pleasure of riding on a smooth plank road in comparison with an old corderoy one, hard-hearted must be the man who would not pay for it.

Great Steamboat. Running. The steamboat Reindeer, running between this city and Albany, has often times run at the rate of 25 miles per hour. She has run from Albany to New York in 7 hours 45 minutes, and made all the landings; she is allowed to be the fastest steamboat in the world.

The growth of larch, which, it is said, is as lasting as the English oak, is much recommended by the "Builder."



not parallel with the axis, but at such an angle of deflection, in proportion to their length, that a progress of four feet, in a direct line through the water, shall give the blades, B, exactly one complete rotation and no more. At e e two flanches, cast solid with one of the standards, c, form the top and bottom of a box; this is enclosed with a strip of metal acrewed on the sides of the standard, and has a hole to pass the shaft, d, which, within the box is fitted as a single thread worm wheel, 7, that gears into a corresponding tooth-wheel, f, with forty teeth set on a pivot stepped arbor, 8, in the bottom of the box, with a square, (Continued on the Fourth Page.)