

\$3,000,000 for the construction of the road, and this had no intention of benefitting New Jersey. Application will be made to test the question of violation of charter by the directors of this road.

Hudson River Railroad.

The steamboat Armenia, Capt. Smith, commenced running her regular trips from Poughkeepsie to Albany, in connection with the Hudson River Railroad, last Monday. By this arrangement, passengers who may leave New York in the 4 P. M. train, will reach Albany about midnight. Those who leave Albany in the 10 A. M. train, will reach this city at 6 P. M. The Armenia stops at the following places on the trip going to and from Albany ; Hyde Park, Kingston Point, Barrytown, Trivoli, Catskill, Hudson, Coxsakie, Stuyvesant, and New Baltimore. Doubtless the making of these stoppages will be a great accommodation to the travelling community. it, and to each of these there is attached a rod, | M. Q is a lever hanging at q, on a bar, R',

Illinois Railroads.

The Illinois Legislature has passed the bill incorporating the Ohio and Mississippi Railroad Company. This bill recognizes the charter of the road as passed by the Legislature of Indiana, and grants the right of way from Vincennes to Illinoistown, opposite St. Louis. The charter is complete of the road from Cincinnati to St. Louis, by way of Lawrence burgh, Aurora and Vincennes. It is the longest road under one charter in the United States. The Directors are prosecuting this enterprise with the fixed purpose of completing the route as far as Jeffersonville road, 126 miles, so that of the poppet head; it is connected by a rod, ing the rough stick in the lathe, the cutterpassengers can, within one year and a half, S, to the sliding bar, N. be taken from Louisville to Cincinnati in five

This is an improvement on Turning Lathes, | head. These two rods are connected at the by T. R. Bailey, of Lockport, N.Y., who has taken measures to secure a patent for the same. Figure 1 is an isometrical view, and over a pulley, G, supported by the bed, and fig. 2 is a front view of the contrivance for has a weight, H, suspended at its end to pull bringing up and throwing back the poppet forward the mouth-piece, D. I is the cutter centre. The same letters refer to like parts. head, which is intended to be moved by hand There are two improvements, one relates to or otherwise along the slides, B B. At this the quick centering of the rough sticks to be turned, and the other is a contrivance for throwing back the poppet centre, at the instant the stick is turned, and along with this there is a spring arm, which comes into play and throws out the stick whenever it is turned.

A is the bed of the lathe; B B are the slides; C is the mandril head, and c the mandril; D is a cone mouth-piece; it has two ears, d d, to

back of the mandril head. F is a cord attached to the rods, E, at the back, it passes part there is another cone mouth-piece, D, which is secured to it in a position concentric with the line of motion. K is the poppet head, and L its movable centre. M is a lever, with a link, m, for a fulcrum; this lever is connected by a pin at l. N is a sliding bar; it slides along the front of the bed between a stationary rib, O, and two side pieces; it is connected by a rod, n, to the end of the lever, E, passing through guides, e e, on the mandril attached to one of the sliding down bars, R,

of camphor or some wood with a strong odor. The exposure of clothes to the oil of turpentine destroys the moths that may be in them. Woolen clothes are not easily preserved. They should be often brushed and shaken. Furs cannot be preserved entirely, but then the fur moth is an insect very different from the common moth found in woolen clothes. All care should be taken of woolen clothes during the warm season, more especially winter clothes, which are then too often forgotten because not used.

Blacking for Shoes.

Three ounces ivory black, two ounces molasses, a table-spoonful sweet oil, one ounce vitriol, one ounce gum arabic, one pint of vinegar.

BLACKING BALLS-One pound ivory black, one pound lampblack, one quarter pound gum arabic dissolved in water, six ounces brown sugar, half an ounce of melted glue, one quart of water, and make all into balls.

FINE BLACKING FOR DRESS SHOES .- Beat up two eggs, add a tea-spoonful of alcohol, a lump of sugar, and ivory black to thicken; it should be laid on and polished like other blacking, and left a day to harden before it is used.

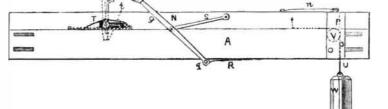
To Catch Cockroaches.

Put some beer, sweetened with molasses, in the bottom of a bowl, and lay up thin splints of wood for the roaches to travel up, after which they plump down into the bowl and cannot get up again.

Doctors in London.

Two thousand five hundred and seventy-four medical men are practising at the present time in London. Of these, 2,237 are engaged in general practice; 187 as pure surgeons; 150 as physicians; and 52 as homepathists. 646 authors Of these 210 have written or pamphlets, and 334 have contributed to the medical journals. There are eleven general practitioners to every 10,000 of the inhabitants; seven pure surgeons to every 100,000; and rather more than six physicians to the same number; while each homœpathist has a gross number of 43.270 upon whom he may practice without interfering with the duties or emoluments of his colleagues.

Figure 2.



T (fig. 2) is a ratchet secured to the inner hours. Eleven hundred thousand dollars of face of the sliding bar, N; t is a catch hung stick in the cone mouth-pieces, D D, and then means are now held by the company, and it on a pin in a recess of the stationary bar, O, requires but 500,000 more to build the road to and taking into the ratchet, v, is an arm at-

head. I, is moved backwards and close to the poppet head, and the operator then inserts the moves up the cutter head until the end of the material comes in contact with the chuck.

withdrawing the poppet centre from the turned

that point.

Wisconsin Railroads.

A bill to incorporate the Milwaukie, Green Bay and Fon du Lac Railroad Company, has passed both branches of the Legislature of Wisconsin. The capital is fived at two millions of dollars, in shares of one hundred dollars each, and when five hundred shares are taken, and five dollars a share paid in, the company is organized.

The London Times says that," at the end of of the stick; it is secured on the top of the the next half century, the Americans, having stationary bar, O. i is the weighted handle of a population of one hundred and ninety mil-ΠΨ lions, will make small work with the Canadas the pattern surface, Z. and the West Indies."

tached to it. U is a cord attached to the bar, The lever, O, is then pulled towards the man dril head, and the poppet centre moved up to N, ond passing over a pulley, V, hung in the the work. The catch, t, always falls by its bed, with a weight, W, suspended at its end, with a tendency to draw back the bar; X is own weight into the rack, T, and thus holds the poppet centre secure while the operation the spring arm for throwing out the work. Its of turning is going on. The cutter head is end is forked so as to embrace any stick that may be in the lathe. It is kept at some dismoved towards the mandril by the operator tance above the work until the stick is turned. who holds the cutter handle, i. As soon as the stick is turned the whole length, the han-Y is a lever hung near the centre of its length on a fulcrum y. Z is a guide pattern to guide dle, i, strikes the arm, v. The catch, t, israised from the rack, T, thus leaving the bar, N, the cutting tool in turning the particular form

free, which is instantly carried back by the weight, W, drawing back the lever, M, and the cutter tool; it rests on and slides along stick. At the instant the tool handle, i, strikes

The operation is as follows :- before insert. the arm, v, the opposite side of the cutter. pee, week before last.

Moving a House Across the Connecticut River. Mr. Lyman Kingsley, bridge-builder, of Northampton, moved a two-story house, 26 by 30 feet, across the Connecticut river, at Chico-