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See advertisement on last page.

## poetry.

THERE'S ROOM ENOUGH FOR ALL.
What need of all this fuss and strife, Each warring with his brother? Why should we, in the crowd of life, Keep trampling down each other ? Isthere no goal that can be won, Without a squeeze to gain it ? No other way of getting on, But scrambling to obtain it ? Oh, fellow-men, hear Wisdom, then, In friendly warning call-
" Your claims divide, the world is wideThere's room enough for all."

What if the swarthy peasant find No field for honest labor: He need not idly stop behind, To thrust aside his neighbor. There is a land with sunny skies, Where gold for toil is given, Where every brawny hand that tries Its stremgth, can grasp a living.
Ohy fellor-cerat remembent then, Whatever chance befall,
The world is wide-where those abide, There's room enough for all.
From poisoned air ye breathe in courts, And typhus stained alleys,
Go forth and dwell where health resorts, In fertile hills and valleys;
Where every arm that clears a bough Finds plenty in attendance,
$U_{p}$, leave your loathsome cities, now, And toil for independence.
Oh, hasten, then, from fevered den, And lodgings cramped and small; The world is wide-in land beside, There's room enough for all.
In this fair region far away, Will labor find employment-
A fair day's work, a fair day's pay, And toil will earn employment.
What need, then, of this daily strife, Where each wars with his brother ?
Why need we, through the crowd of life, Keep trampling down each other?
From rags and crime, that distant clime Will free the pauper's thrall,
Take fortune's tide-the world so wide Has room enough for all.
Three Weeks Arter Marrlage.
My dearest, are you gorng out ? Indeed, 'tis very cold!
Let me, sweet love, around your neck This handkerchief enfold.

You know how anxious for your health, My own dear George, an I ;
One loving kiss before we partGood bye, sweet chuck, good bye !
three tears apter marriage. You're going out! why don't you go ? I cannot help the rain,
You wouldn't grieve me mightily, To ne'er come back again.
Umbrella! I don't know where 'tisWhat'll you want next ? I wonder Don't pester ms about your coldGood gracious-go to thunder.

IMPROVED SHIP'S CAPSTAN AND WINDLAS...-Figure 1.


This is an improvement in ship windlases and capstans, by Mr. John Rombley, of Sunderland, England, which is an application of a pinion wheel, which gives motion to a cog wheel, operating the barrels of a capstan or windlas by a ratchet andit is exceedingly simple in construction, although the principle is not new in this country

Fig. 2.


Fig. 1, is a front elevation and fig. 2, is a side view showing the manner in which the apparatus is worked. The same letters in-

## Windings of the Ohio.

There is a town called Burlington, eleven miles from Cincinnati, in the State of Kentucky. The steamer which leaves Cincinnat ${ }^{i}$ and descends the river to the distance of fifty miles is often as near as six and never more than twelve miles form Burlington, the river with a sort of remarkable affection, encircling it in its eccentric twistifications. Patriot, Ind., is fifty miles from Cincinnati by the river, yet there is a cross county road, through Kentucky which brings you to a point opposite Pa troit, after a pleasant ride of only twenty-two miles. By land, Louisville is distant only 91 miles, while by water it is 150 . These singular and eccentric peculiarties are abundant on both the Ohio and Mississippi rivers-in fact on all the rivers of the West.

The salt found in the great salt lake in California, is superior to any now in use, for preserving butter, beef, \&c. It is the strongest ever yel discovered. Three barrels of water make one of salt.
dicate like parts on both figures. $A$ is the capstan with concentric bevel wheel $B$, or plinth, and C is a bevel pinion which gears into it. D is a shaft in the standard E on which the pinion and ratchets, fig. 2, revolve. The standard $E$ carries the motion gear, with which is two clutch head ratchet rods F. G, fig. 2, is the ratchet wheel, HH , the motion lever, with cross end vibrating on a shaft, I. When motion is communicated to the lever $H$, the ratchet J J (one on each side fig. 2,) are operated by the rods $F F$, to take into the ratchet wheel, as seen in the end view, and move it in the required direction operating the capstan by the bevel plinth wheel B. The capstan is therefore operated by a reciprocating motion, by ratchet rods which work loose on the shaft D , and catch into the fixed ratch. et wheel moving the bevel pinion and shaft to turn the capstan. This capstan is a combination between the principles embraced in the improved Windlases of Mr. C. Leavitt, page 188, and Mr. E. Hallock'z, page 196 vol. 3 Scientific American.
Various improvements on capstans and windlases have been brought before the public, but it is no easy matter to introduce improve. ments in machinery on vessels, uniess the captain or owner happen to be the inventor. No class are so strongly embued as our nautical men with predileciions for what is old and well tried in preference to what is new al. though it may be far better.

Is the Bee the Pioneer of Civilization:
The author of "A Tour on the Prairies" The author "A says the Indians regard the bee as the harbinger of the white man, as the buffalo of the red man ; and say that in proportion as the bee advances the Indian and the buffalo retire.The wild bee is said to be seldom met with any great distance from the frontier. When the honey bee crossed the Mississippi, the Indians with surprise found the hollow trees of their forests suddenly teeming with honey; and nothing can exceed the greedy relish with which they banqueted for the first time upon this unbought luxury of the wilderness. At present the honey-bee swarms in myriads in the noble groves and forests that skirt and intersect the prairies, and extend along the alluvial bottoms of the rivers.
A very curious matrimonial alliance was formed several years since in Illinois, by the marriage of a father and son to a daughter and mother. Each couple had issue, twc of whom

## RARIROAD NEWS.

The New-Haven and New-York Railroad Co. have published their terms tor yearly commuters on that road, and have put the rates very low in order to induce persons to settle along the line of the road. To New Rochelle, for instance, the yearly commutation is $\$ 50$.

## Southern Rallroad.

The Railroad from Jackson, Miss. to Brandon, is nearly ready for the laying of the rail. The ships chartered to bring the iron from Wales, have arrived at New Orleans ; and locomotive engines are being made in Philadelphia, and will, it is believed, be finished by the 1 st of April next.

The Milchigan Central Rallroad.
The Central Railroad Company, as we learn from the Detroit Daily Advertiser, have made arrangements to run two daily lines from Buffalo through to Chicago and Milwauke, during the ensuing season of navigation. The cars will leave Detroit for New Buffalo, every morning and evening, and steamboats will run in connection with them, from Detroit to Buffalo, and from New Buffalo to Milwauke and Chicago. The competition between this route and the Lake line will no doubt be spirited, and as usual, when there is competition, the public will be benefitted.

It is contemplated by the railroad lines between Buffalo and Albany, to make the time from one city to the other in 31 hours, and arrive in the latter in time for the New York boat.
It is stated that Mr. Robert Stephenson is now in Egypt, at the instance of the British Government, to survey and report upon the practicability of making a railway across the Isthmus of Suez.

The first telegraph despatch communicated on the line between New Orleans and the Ba. lize, was received at the former place on the 30th ult.

Massachusetts Enterprise.
Since 1846 about $\$ 57,000,000$ have been in. vested in public enterprise by the people of Massachusetts. The dividends to be made on these invesments the present yearwill exceed $\$ 10,000,000$. The valuation of the State is over $\$ 140,000,000$,
A Mr. Forbes, from Aberdeen, Scotland, has become possessed of one of the richest quicksilver mines in the world in California. 1500 flasks, of 75 lbs . each bad been got in a very short time, at an expense of ten to twelve dollars per 100 lbs

## Terrible Acciclent

Mr. Johu Gutz, a German, engaged in Mr. Bell's planing mill, on Duquesne Way, Pittsburg, was horribly mangled on Tuesday afternoon last week. He was attempting to put the circular saw belt on the drum, when his hand was caught between the belt and drum, and carried up over the drum to the ceiling of the shop. His arm was broken in three or four places, above and below the elbow, his hand broken and shattered, three or four ribs broken, with serious internal injury to the lungs and pleura. Dr. Walter, who dressed his wounds, considers the unfortunate man's life in imminent peril, from the internal injuries.
Mr. Emmons whom we mentioned before as having been injured at Mr. Snowden's Planing Mill, Philadelphia, has since died from the injuries received.
People should be very cautious and carefal about machinery.
An explosion took place in a coal pit in Wakefirld, England, in which 83 persons out ntermarried a year ago, and now have a child. (of 110 were killed.

