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See advertisement on last page.

Poetry.

SATURDAY NIGHT.

BY DR. BOWRING.

The week is past its latest ray
Is vanished with the closing day;
And 'tis as far beyond our grasp
Its now departed hours to clasp,
As to recall that moment bright,
When first creation sprung to light.

The week is past! and has it brought
Some beams of sweet and soothing thought?
And has it left some memory dear
Of heavenly raptures tasted here:
It has not winged its flight in vain,
Although it ne'er return again.

And who would sigh for its return?
We are but pilgrims born to mourn;
And moments as they onward flow,
Cut short the thread of human woe,
And bring us nearer to the scenes
Where sorrows end and heaven begins.

BURIAL OF THE SEED.

TRANSLATED FROM THE GERMAN.

Now, my seed, thy grave is made;
In thy silent chamber laid,
Thou mayest slumber lightly;
May the sun his radiance lend
And the dews of heaven descend
On thy pillow nightly.

Could'st thou gentle one,
Could'st thou feel what I have done,
Thou would'st whisper weeping,
Ah green earth and bright blue skies,
Never more may greet my eyes,
All in darkness sleeping.

Yet sleep on thou seedling dear;
Sweetly sleep nor dream of fear,
Soon from slumber waking,
Once more again shalt thou behold
Morning sunlight bright as gold,
O'er the green earth breaking.

I at last must sink like thee,
Hands of love shall bury me,
Heaping cold earth o'er me;
But when God beyond the skies,
Bids the slumbering dead arise,
May I awake to glory!

GIVE A TRIFLE.

BY D. C. COLESWORTHY.

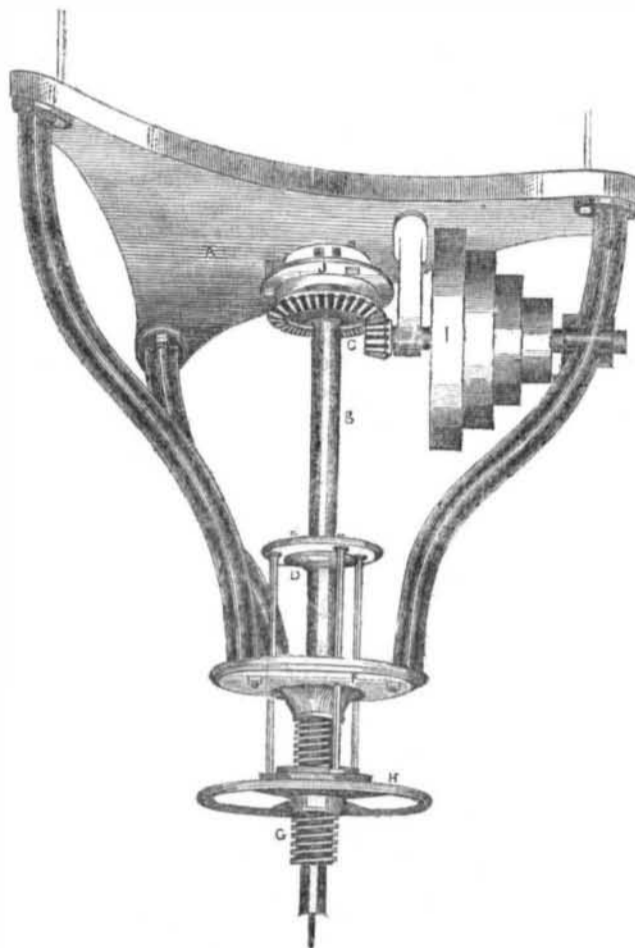
It is a trifle—give a mill
To help the poor along;
Tis not the amount—it is the will
That makes the virtue strong.

"I have but little," never say,
'Twill not avail to give;"
A penny, if you give to-day,
Will make the dying live.

It is the spirit, not the gold
Upon the waters cast—
That will return a hundred fold,
To cheer and bless at last.

Then give a trifle cheerfully
From out thy little store,
With interest 'twill come to thee
When thou wilt need it more.

HARTSON'S IMPROVED DRILL.



Let us talk as we may about improvements in machinery, or the application of old principles in a superior manner to purposes of real utility, still the fact cannot be gainsayed, that the most feasible or useful invention, may be rendered useless by a faulty construction of some of its parts. The most certain road to perfection in mechanical invention, lies in the superiority, the perfection of those machines which are used as tools to construct the various parts of compound machines. The Turning Lathe for example, is an essential machine to construct every other machine, and according to its qualities, so are the qualities, of machinery, good or bad, that is finished in a machine shop. The Drill is no less a useful machine (a good tool) in every machine shop, and Mr. Hartson, the constructor of the above Drill, and also of the very fine Lathe that appeared in No. 5 of this volume of the Scientific American, is a mechanic who has a very fine taste and a strong passion to see good tools and exhibits as great ingenuity in the construction, as he shews a determination of making nothing but the most superior, durable and correct machines.

EXPLANATION.—A, is a bed plate on which the whole machine is built, and is thereby rendered portable, and obviates one great difficulty in the old machines, to wit, a liability of the drill springing and an untrue bore being the result. This bed plate gives solidity, and hereby greater correctness. I, is the largest

pulley on a gang of four for the band which by this arrangement will allow of a great variation in the revolutions of the driving shaft. This driving shaft is geared into a bevil wheel C, on shaft B, by a pinion on the main shaft. The main shaft is braced or supported by a suspended bearing near to the pinion. J is a collar cup bolted to the bed plate and filled with oil, tallow, or other lubricating material. In the inside of the wheel or cup the shaft or spindle B, can move up or down on a feather and slot, while C, the cog wheel, always keeps its place, E, is another cup for the same purpose, as the one above and D is a collar fixed on the spindle, but attached inside of E by a nut so that there is room for the whirling of the shaft, and yet the combination of the collar with the screw to regulate working is very beautiful and simple. F, is another cup attached to a threaded collar for working on the screw. The cups for holding the lubricating material are also used for bracing the spindle. H, is the handle to regulate the drilling and by it the drill is geared and ungeared with the work to be drilled. Mr. Hartson makes nothing but the best kind of machines, and every mechanic will see that for the common use of drilling in iron, this Drill is a great improvement upon those in common use.

Mr. Hartson's machine shop is at No. 42 Gold St, where all information can be had by communicating by letters post paid.

A Russian Croesus.

M. D. Tiszkievies, the richest man in Russian lithuania, died a short time since. The St. Petersburg papers inform us, that he has left to his three sons 2,060 villages, containing more than 60,000 serfs; and in ready money, 10,000,000 of crowns. It was this gentleman who was said to have refused the hand of his daughter to Duke Alexander of Wirtemberg who afterwards married the Princess Maria d'Orleans. We would not finger a penny of such Russian money.

Jenny Lind.

The Berlin Papers state that the "Swedish Nightingale" has been presented with a very beautiful parure in diamonds said to be of the value of 400,000 francs, (\$75,200.) This valuable present was raised by the subscription of the nobility and gentry of the Prussian capital.

We will bet a cookey that some of these fellows screwed down their Tailors, Barbers, and Shoemakers to show their wonderful generosity to a singing girl.

RAIL ROAD NEWS.

The Cleveland and Cincinnati Railroad is in a fair way to be completed. By this route passengers will avoid the vexatious delays caused by the bar at Sandusky Bay, and be enabled to take the first class boats running on the lake, which can at all times enter the harbor of Cleveland. Of the two routes, that by the way of Cleveland will undoubtedly have the preference, and after its completion, it must have important influence upon the revenue of the road terminating at Sandusky.

Railroad Expenditures.

We notice a paragraph in the papers stating that Prof. Walker, of North Brookfield, Mass., in a recent letter to Senator Smith of Illinois, says the liabilities of the Boston capitalists for new railroads and the purchase of old ones amounted in Sept last to ten millions of dollars.

City Electric Telegraph.

The posts for the Telegraph of Downing, O'Reily & House, are now being put up in this City. They start at Fort Washington and terminate at the City Exchange—furnishing facilities for the Police Department, in the progress of its wires through the City. The line will pass down at Frankfort st. to William, and thence to Wall—the Common Council having appropriated \$500 for the use of Telegraph in the City, for the Departments of Fire and Police.

Telegraph.

The posts are all erected for the Providence and Worcester Telegraph, and a part of the wire has been placed. The workmen are making very good progress on the New Bedford Taunton, Fall River and Providence line.

There is now communication between New York and St. Louis, by Telegraph.

Telegraph in France.

On the 24th of November at a meeting of the society of Arts held at their house, in the Adelphi in Paris, when a discussion was held relative to the communication between the guard and the driver of a railway train. Five different schemes were presented, but Messrs. Brett and Little's on the electric principle, and Mr. Dutton's on the acoustic communication attracted most attention. The acoustic communication is by propagating sound along a tube and finally through a whistle.

Telegraphic Wedding.

A gentleman of Cincinnati and a lady of Philadelphia were married in the latter city, on Thursday night of last week, and the fact being communicated by telegraph, the wedding feast was held simultaneously in Cincinnati and Philadelphia. The "joy greeting," and the response were telegraphed, the Cincinnati Commercial says: and, therefore, though strange as it may seem, this wedding celebration had participants in persons separated by nearly a thousand miles. What will science do next?

The Opium Trade.

A Committee in the British House of Commons report the entire value of imports into China as \$43,206,782, of which twenty-three millions dollars are paid for opium. Large quantities are used in other countries, Siam, Hindostan, &c. Its horrid effects are seen in the sallow sunken cheeks, the glassy, watery eyes, the idiotic look and vacant stare, and all the loathsome ruin that vice can bring upon the human body and soul.

At a late sale of books in England, the auctioneer put up "Drew's Essay on Souls," which was knocked to a shoemaker; who very innocently, but to the great amusement of the crowded room, asked the auctioneer if he had any more works on shoemaking to sell."