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See advertisement on last page.

## Poetry.

### THE PRESS.

BY EBENEZER ELLIOT, THE CORN-LAW  
RHYMER.

"God said—"Let there be light?"  
Grim darkness felt his might,  
And fled away;  
Then startled seas, and mountains cold,  
Shone forth, all bright in blue and gold.  
And cried—"Tis day! 'tis day,"  
"Hail holy light!" exclaimed  
The thundrous cloud that flam'd  
O'er daisies white;  
And lo; the rose in crimson dress'd  
Lean'd sweetly on the lilly's breast;  
And blushing, murmured—"Light!"  
Then was the sky-lark born,  
Then rose the embattled corn;  
Then floods of praise  
Flow'd o'er the sunny hills of noon;  
And then, in stillest night, the moon,  
Poured forth her pensive lays,  
Lo, heaven's bright brow is glad!  
Lo, trees and flowers all clad  
In glory bloom!  
And shall the mortal sons of God  
Be senseless as the trodden clod,  
And darker than the tomb?  
No, by the mind of man,  
By the swart artizan?  
By God, our sire,  
Our souls have holy light within,  
And every form of grief and sin  
Shall see and feel its fire,  
By earth, and hell, and heaven,  
The shroud of souls is riven!  
Mind, mind alone,  
Is light, and hope, and life and power!  
Earth's deepest night from this blest hour,  
The night of minds is gone!  
"The Press!" all lands shall sing,  
"The Press, the Press we bring,  
All land's to bless:  
O, pallid want! O, labor stark;  
Behold, we bring the second ark!  
The Press! The Press! The Press!"

### LEND A HAND.

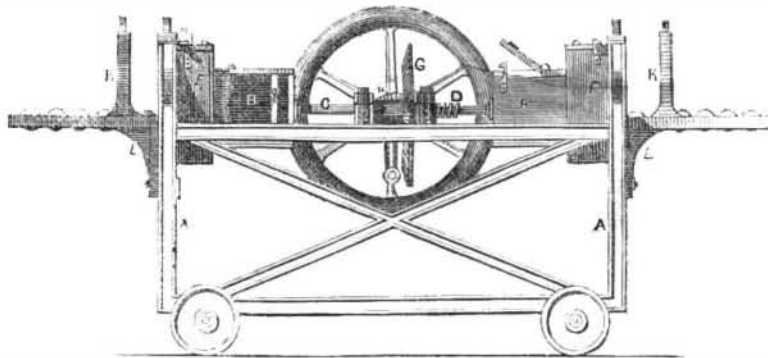
BY R. CHILTON.

Heed the words, thou man of wealth!  
Bring back the fading hue of health  
In the poor man's sunken cheek—  
Thou art strong, and he is weak,  
He hath neither gold nor land:  
Help to raise him—lend a hand.  
Heed the words, thou poor man?—thou  
Who livest by thy sweating brow;  
If a sinking brother need  
Thy assistance, give him heed:  
Thou may'st better understand,  
What his woes are; 'lend a hand.'  
Hear the words, O thou in whom  
The softer virtues live and bloom,  
If an erring sister claim  
Aid and pity in her shame,  
Spurn her not, but take thy stand  
On higher ground, and 'lend a hand.'

### Swearing.

The statute law of England has made pro-  
fane swearing a fineable offence, to the am-  
ount of one shilling for the first, two shillings  
for the second class, and five shillings for gen-  
tlemen.

## AGRICULTURAL POTTERY MACHINE.—Figure 1.

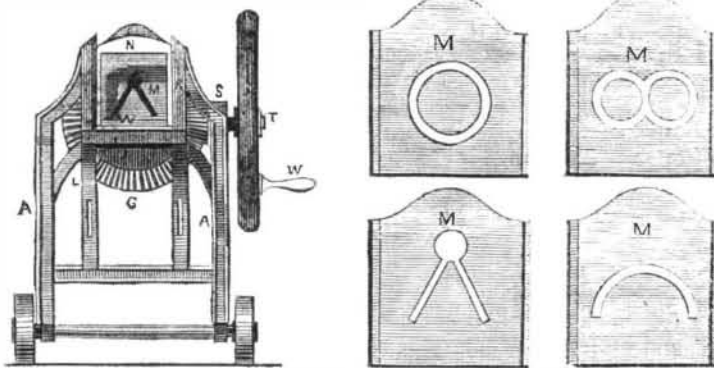


It is well known that *draining* is a most important improvement in modern agricul-  
ture, but there is much difficulty experienced  
in regard to the price and suitability of ma-  
terials adapted for this purpose. Bricks and  
pipes of clay material, are undoubtedly the  
best and most convenient for building drains,  
but in the cold winters of our Northern States  
it has been found that they are much affected  
by frost expanding the seams which are neces-  
sarily moist, and not only the seams but the  
bricks, which thereby crumble and moulder  
and soon choke up the drain.

But if this is a just objection to the use of  
tiles, clay pipes and curved bricks for drains  
in the Northern States, it cannot be an objec-  
tion to their use in the Southern and Middle  
States, and it is to call the attention of our  
Southern agriculturists to the importance of  
this subject, that we have taken the pains and  
been at the expense of getting up these en-  
gravings.

Figure 1, represents the side elevation of a  
machine invented by Mr. Isaac Laslett, of  
Farnborough, England, which is for the pur-  
pose of moulding tiles and pipes and other  
plastic materials. It consists of a suitable  
frame work A A, on which two parallel cham-  
bers B B, are supported at a height suitable  
for carrying on the manufacture; these cham-  
bers are fitted with pistons q, one on either  
end of a piston rod C; this piston rod is, in  
the middle, furnished with a screw D, which  
works in the boss or centre of the bevel-  
wheel G; the wheel G, rotating in the bear-  
ings S S, gears into a pinion H, on the driving  
shaft T (fig. 2.) On the top of the chambers are  
openings to receive the clay to be moulded  
having lids with hinges and catches. F F, are  
enlargements of the chambers B B, so as to  
admit of making larger articles if need be,  
and the centres of circular tiles are held in  
their position by bars on the inside of F F.

Figure 2.



On the left is an end view of the machine  
and the figures on the right are the die plates.  
The handle W communicates motion to the pis-  
tons which are propelled backwards and for-  
wards in the chambers. The clay or other  
material is forced through the die plates rep-  
resented by M, having openings the shape of  
the articles required, which when forced  
through these dies are received on carrying  
rollers seen at the end figure 1, where they  
are cut off the proper length by the cutter W,  
in the cutting frame N, moving in vertical  
slides K K, when it is then removed to make  
way for the material projected at the next  
stroke of the machine. L, is the frame for  
the carrying rollers and is attached to the  
frame work and can be either elevated or de-  
pressed so as to suit the lever of the open-  
ings of the die plates M, four different shapes

of which we have here presented. The ma-  
chine is mounted on rollers and can be moved  
from place to place.

If there is any virtue in Draining, the  
means to construct drains quick, permanent,  
neat and economical, can only be the result of  
mechanical invention and certainly this ma-  
chine promises to be the very thing desired.—  
We have no doubt but many of our ingenious  
mechanics will be able to construct a ma-  
chine by the above engravings, or upon the  
same principle somewhat varied in some of its  
parts.

On another page will be found an account  
of an improvement in Kilns for the purpose  
of going hand in hand with this machine, in  
order that the most minute information possi-  
bly to be derived may be presented to our  
readers at once upon the subject.

### An Old Book.

A gentleman in New Orleans has in his  
possession a manuscript copy of an old Ro-  
man missal written in Latin on vellum, by a  
monk, about the year A. D. 300. The book  
is, consequently one thousand five hundred  
and forty-seven years old at least.

The Cambridge Chronicle Mass. doubts its  
authenticity.

### American China.

A Mr. Wolford in Washington county, Mis-  
souri, has succeeded in manufacturing as  
beautiful china and granite ware from the  
raw materials in that region as has ever been  
produced in England.

The population of Egypt is estimated at five  
millions, who hold their lives at the pleasure  
of a despot.

## RAIL ROAD NEWS.

### Double Lines.

By the American Railroad Journal we learn  
that Mr. Wallace, who has been long and favo-  
rably known as the indefatigable superinten-  
dent of the Buffalo and Attica Railroad, has  
invented a method to obviate the inconve-  
niences arising from the different widths of the  
railroads to meet at Attica, and consequently  
of the carriages which it is requisite should  
run over this road. The width of the N. Y.  
and Erie Railroad is 6 feet. The Attica and  
Hornellsville track will be of the same width.  
That of the Buffalo and Attica track is only 4  
feet 8½ inches. How, without the troublesome  
and expensive removal of freight from one  
car to another, can its transportation to Buf-  
falo from either of the two first mentioned  
routes be accomplished? The invention of  
Mr. Wallace consists merely in having an in-  
ner and an outer line of rails, adapted for car-  
riages of each size, so that on the same road  
cars of various sizes may travel in the same  
train—or cars of the greater width be drawn  
by an engine of the narrower size—or the re-  
verse.

The citizens of Indiana on the proposed  
route of the St. Louis and Cincinnati Rail-  
road are taking active measures to forward  
the project. It is supposed that the counties  
through which the road will pass, when com-  
pleted, will subscribe enough to do the gra-  
ding, bridging, construct culverts, and lay  
the wooden rails.

### A Queer Passenger.

Recently the Birmingham and Gloucester  
Railway mail train England, which leaves  
Gloucester for Birmingham at nine o'clock at  
night, had first passed the Spetchy station,  
travelling at the rate of forty miles an hour,  
a singular looking bird alighted on the steam  
dome of the engine, and remained there as if  
transfixed. The driver, after recovering from  
his astonishment, succeeded in capturing it,  
when it was found to be a beautiful yellow  
owl.

### Iron Horses.

A branch of the celebrated locomotive es-  
tablishment of Norris of Philadelphia, is about  
to locate at Buffalo. If these iron horses are  
brought along by our western railroads as  
plenty as they were purchased by them last  
summer, one establishment will be unable to  
fill all orders.

### Niagara Suspension Bridge.

Operations have been commenced on the  
Canadian side for laying the abutments of the  
great bridge. A number of men have been  
employed in blasting and quarrying the rocks  
for this purpose.

### Extensive Brick Yard.

Mr. Peter Hubbel, of Charlestown Mass.,  
manufactures yearly from fifteen to twenty  
millions of bricks for the Boston Market. He  
has thirty machines in operation for moulding  
and with each machine makes from 10 to 12  
thousand bricks per day. This is said to be  
the largest brick-yard in the world.

The brig Saltillo which cleared last week  
from Boston for St. Thomas, had on board a  
sugar mill, with a complete steam apparatus  
all valued at ten thousand dollars. It has no  
doubt been ordered by some shrewd planter,  
who wishes to reap some of the benefits of  
Yankee ingenuity.

In consequence of the destruction of houses  
and other buildings caused by the late floods,  
there is an immense demand for laborers in  
Ohio. In one village alone (Marietta) three  
hundred hands are wanted at present.

The human hair is composed of carbonate  
of ammonia, water, gas, silver, coal, sulphur,  
oil, iron, lime and manganese, but the brain is  
richer than gold.