## 

THE ADVOCATE OF INDUSTRY AND ENTERPRISE, AND JOURNAL OF MECHANICAL AND OTHER IMPROVEMENTS.



Drawings of machinery, engraving on wood, and lithographic drawings,
est prices, at this office
Encoura aement.-Our readers may expect full instructions in the ars of sterettyping, lithography
and the Daguerreotype process and apparatus and the Daguerreotype process and apparatus,
without delay.
Back Numbers.-We have recently forwarded several hundreds of our early numbers to subscri-
bers who were desirous of completing their sets. bers who were desirous of completing their seta.
We have more on hand to supply others who want hem, and shall forward them as an as men anda of 'back numbers wanted' e
In Preprestion.-We have in preparation for future numbers, descriptions, will large engravings of a horse.power carriage for carting hay or cut
ting ditches on miry marshes : a retaining wind power on a large scalle, for mills and manufactories on the western prairies: Mr. Cornell's recent and legraph : an original machine for manufacturing and engineers, and which will instanty indicate le vels, perpendiculars and the inclinations of all diagonal lines
Anotrer Humbuc.- Wa find in an exclange an extravagaut report of a new invention for draw
ing water from a well 1 said to lave been invented ing water from a well; said to lave been invented
by a Mr. Harper, of Somerset (State not mentioned.). The account purports to have been copied
from "the Pos""-whether a mail post or Somer from Post we know not, but the statement is that 20
for buckets of water per minute may be drawn from a
well 20 feet deep, with sucl ease that a child migh perform the fabor; that the buckets descend by the
slightest effort, and when filled, they ascend of themselves, \&c. This will suffice to satisfy an man who las the least knowledge or mechanics,
that the ereport is a slieer humbug: or if a Mr. Harper, of Somerset, has invented anything valuable hee should give some account of it in a more ra.
tional form than that publishted by " the Post."
Married, stong enotigh.-Most of our reader have heard of the marrying joke, which occured in
March last, between a Mr. Hill and a Miss Lillie, while on a sleigh.riding party. A Justice of the
Peace was called in, who aflier asking sone que tions of the parties, whether they were willing to
 ted; but Mr. Hill returrued nexx day and found Miss ceremony, aud : application was accurdingly made to the Legislature to aunull he obiligaion; but this,
afier hearing the circumstances, the Legegislature retused to grant. So the parties have concluded to make the best of tie bergain, and on Sunday even
ing had a regular formal marriage and wedding, a which the laty is said to have appeared exceeding
y beautiful, and witlial cheerful and contented y beautifu, and wittal cheerful and contented
whilie the young bridegroom is evidently happy. I will probaboly be much better for the the parties, that refused their peetition. They reside at Albany.
A Scandalous Concrin.-We have more than
once been insulted by having sent us among our exchan enveloped in a paper called "Th Arena" purporting to be publistecd at 451 Broad
way, the mosi scandalous and diabolicical handbill that ever disgraced the American press and which ought to cunsign its authors-the publishers of the
Arena-to seven years liard labor on Blackwells as well as the hearty contenppt of all decent peo-
ple. The nefarious handbill sets forth, as for sale by said publishere, the worst form of the drugs use by the infamous and notorious Restel, and with un-
blushing impudence recoumends the use thereo if they supposed-whether iudging from themselves to patronise then. It is a wonder that our Public burn obscene books and prinits, will permit the circulation on sucth pervicious, poisonous, and disgus
ting prints. There are some other circumstances connected wilh thr athove, which we forbear to men
tion at present: but if any wiore "A $A$ renas" appear among our exclanges we shall handle them with

The New Mope of TANNiNG.-We mentioned, succeeded in prolucing excellent sole-leather, from
the green hidte, in less than ten days. We have the green hite, in less than ten days. We have
since then been permitted, by invitation, to examine 1 y improved system, and have been favored with a full explanation of the processs; bhough for ceriain
obvious reasons we do not feel al liberty to promulgate the same at presenc. We find that instead of
ten days, the entire process may be accomplished in three ; and the lea lher produceel i s evidently far su perior in frmness, streength and d
prepared by the ordinary process.
heretofore, that according to the constructive mile age of Members of Congress, a member from Ore
gon would draw gon would draw about $\$ 12,000$, in consideration of
the distance ordinarily ravelled ; but it may not be generally understood that thoses who are re-elected an entited to draw mileage for the whole distance On the termination of one session on the th or
March, and the commencement of another on the 5th, although they remain at Washington, and have
not a mile to travel. $\$ 12,000$ in this case, especial not a mile to travel. $\$ 12,000$, in
ly , would be cheaply obtained.

## Magnetic Telegraph

 $W_{s}$ are informed by one of the prinitipal superinendauns of the rapialy extending telegraph, thowthe lines between this city and Washington are now complete, with the exception of two river crossings. The entire lines between New York and Buffalo, in one direction, and between New York, Springfield nith Boston in another, will probably be completed
within twenty-five days. The line between this city and Albany is in
rapidly progressing. Syracuse is complet The line between Utica and Syracuse. is complete and in operation. It was dis-
covered that one battery at Utica was capable or working he lines in boname time. An interesting to Syracuse-at the same time. An interesting
phenomenon was witnessed, or rather experienced at one end of the Syracuse wires, before the line was completed. The end of the wire hanging down from the mast, several persons took hold of it, at first idy, without motive, and afterwards from curiosity, and each persson, in his turn, received
shock, more or less severe, according to the time which elapsed between the applications. Many persons, ignorant of the effect, were persuaded by the boys to take hold of the wire, and some were
thereby nearly thrown dowu, and were affected with a pain in the head or in the arm and shoulder. We recent thunder storm, the lightning took to the wires recent thunder storn, the lighting twon to the wrise
(which are of $i$ ronn) of the southern lines. producing sharp reports, with brights sparks, at the ends of the ger is apprefenended theref rom, lowever, unlessit be
to somee eurious person, who may be listening, wilh his ear to the wre, to hear the communicaled new it passes.

## Science of Mechanics.



The Importance of direct channels foi FLuiss.--Steam, and other fluids, when liberated Irom under a pressure, through an open aperture
would escape with infinite veloity, and be instant Iy exhausted, were it not for the inertia of the fluid which requires some degree of force to overcome
and put the fluid in motion. Steam ordinarily and put the fuid in motion. Steam ordinarily
requires a pressure of about twenty llbs. per square inch, to give it a velocity of 1000 feet per second, in scaping through an open aperture. $\mathrm{A}, \mathrm{B}, \mathrm{C}$ an
 Pipe like A , its velocity is not perceptibly retarded If the pipe has regular curves, as C , there will b but little loss of motion; probably not exceeding on short angles, as those in the pipe B, the steam will lese at least ten per centof the vecisy a each a through the ten angles, with the same velocity with which it escapes through the pipe A. This disad vantage is small however, in comparison with tha passing through the aperture D . In passing
hrough the several chambers $\mathrm{E}, \mathrm{F}, \mathrm{H}, \mathrm{H}$ it loose is entire momentum in each ; and requires a frest to support its velocity through each successive
chamber; or if it passes of with only the above chamber; or if it passes off with only the above
nentioned pressure of twenty los. per square inch s velocity will be retarded by the several chambers, to about 200 feet per second, - only one-ffit part of the velocity or that which escapes 1 rovogh
he straight pipe ; and having lost one-third part of its velocity in passing each chamber. If a simi ar more, the escape of the steam will be hardly pe eppible. On thls principle it has been proposed to construct metallic pistons with a succession of cir y prevent the passage of steam, without packing The circumstance of he rearaacion of steam, by who construct and manage steam engines in gen Who construct and manage stean engnes in
eral. There are many stemm engines in use, the pipes, valves, and chambers of which are so co one-third of the pressure per square inch, is applied oo the piston, that is sustaned within the boiler; Lal power of the steam produced. The argume what steam does not escape is still retained," far from proving that there is no power lost for io
is plain and well known, that a greater quantity of leat is required to generate steam under a hig pressure, than uncer alow: wherefore et is evident
that in every chokage or hindrance of steam by linder there is a proportionate loss of porer. And gillure in the speed of some very expensive, an otherwise well constructed stcamboats.

Erratun-Our blundering types made an awl ward reading in our answer to T.D. $S$ in our la aper. The sentence should have been made lace of the earth, near the poles, instead of being Ireater, is less than it would be near the equator. freely assert that the weight (not the gravity, of bodies, is incontroveribly equal on every par
of the surface of the earth, wih the exception of a very slight diminution on high mountains.

## $\xrightarrow[\text { Exciting News }]{\text { FROM THE U. s. ARMY IN TEXAS. }}$

[From the N. O. Picayune.]
y hour this morning from Brazos Santiago, which place he left on the 28th ult. in the steam schooner Augusta. Sixty miles west of the S. W. Pass he bearer of important dispatches from Gen. Taylor, ana for four regiments. The previos ana or four regiments. The previous news re
ceived, that the Mexicans had crossed the Rio Grande, is filly confrmed, and a detachment of tails we refere to the follownin off.-But for the de kindly furnished us by Col. Doane.
On Thursday evening, the 23d, Gen. Taylor re ceived information that a body of the Mexican ar-
my had crossed to the east side of the Rio Grande, my had crossed to the east side of the Rio Grande at a point some twenty miles above his encamp. ment. Early on the following morning he dis pached Capst.
Regt. Dragoons, with a detachment of 70 men to examine the country above, and Capt. Kerr af the the encampment The later terecountry below without having made any discovery of Mexicans.
The former, however, fell in with what he consid ered to be a scouting party of the enemy, but whic proved to be the advance guard of a very strong
body of the enemy, who were posted in the chapar hody of the enemy, who were posted in the chapar
ral, immeadiately in the rear of Gen. Taylor's camp--Capt. Thornton, contrary to the advice retreated towards the main body, followed by Capt mion, when in an instant he found himself an him, killing, as it is supposed Capt. Thornton, Lieuts. Kane and Mason, and some twenty-six oc
the men, and taking Capt. Hardee and the remain der of the command prisoners. The Mexican com-
mand sent into Gen. Taylors camp a cart, with a mand sent into Gen. Taylors camp, a cart, with a
soldier badly wounded, with a message that he had soldier bady wounded, with a message that he had
no travelling hospital with him and could not therefore, render the soldier the assistance whic It is supposed that

绪 the detachment of the enem least 2500 east side of the Rio Grande consists of a usco and Carrabajal, both old and experienced offi-
ust cers, and that their object is to cut off all coonmuni-
cation between Gen. Taylor and Point Isabel, the eation between Gen. Taylor and Point Isabel, the
depot of provisions. In the execution of this object they have fully succeeded, and have thereby placed
the American army in a most dangerous position, as it will be utterly impossible for Gen. Taylor with the linited number of men now under his
command, say 2300 , to force his way through the dense chaparral in which the enemy are already trongly posted.
olu ers from Texas.-At Galveston, within an hour after the receipt of Capt. Catlett's letter to dispatcl 200 men that evening in the Monmouth. Gen. Memucan Hunt would leave there the same evening (April 30), by way of Velasco and Victo
ia to rendezvous at Corpus Christi, preparato
ion to march
Bryant.
Excirement in New Orleans.-The greatest
enthusiasm prevailed througout the city, on Saturenthusiasm prevailed througout the city, on Satur-
day week, at the time the mail closed. Business was almost suspended. Companies and voluneers were gathering in the streets and public
squares, making preparations for immediate parture in steamers for Point Isabel. The legislaparture in steamers for Point 1sabel. The legit.
ture of Louisiana being in session, patriotically voted ray the red thousand dollars immediately Proceedingis at Wabhington.-The Prebiden called the Cabinet together on Sunday, with the Military and Naval Committees of both Houses of Congrcss, when the communications from General Taylor were discussed, and reports agreed upon in
favor of an immediate declaration of war, a blockade of all the Mexican ports on the Gulf and the by an overland express via California.) the despag of 50,000 men to Mexico, and their equipment in the sea ports, to be forwarded by steam vessels to the Rio Grande, with an appropriation of ten millions to defray the expenses. The
commencement of the war by the Mexican chiefains, added to the position of our army, secured en
tire unanimity in favor of these measures.
The latest news, by telegraph, up to the time of The latest news, by telegraph, up to the time of
our going to press, reports that a bill authorizing he immediate raising of $50,000 \mathrm{men}$, and appropripassed the House 174 to 14, and would probatily have passed the Senate yesterday
The news Irom New Orleans and Mobile is of the most interesting character. Both cities were literhousand men and the latter two thousand.
Three steamers had gone off from New Orleans
n the 4th. with about twelve hundsed men, for Point Isabel.
The surrounding country is pouring in its legions
into both cities, and the Miss sisp into both cities, and the Mississippi boatmen at New Orleans can't be hired to stay at home on any
terms : go they will. The Governor of Louisiana pays ten dollars bounty money, and a month's pay
(\$10) in advance. All volunters year.
P.S. The bill above mentioned, with sligh amendments, passed the Senate by an unanimous have, in all probability, ere this, been agreed to by the House. Advices one day later from New
Orleans, have been received, but nothing later from he seat of war
How plainit is.-The Essex Banner has enlightened us vastly on the subject of shooting a tal-
low candle through an inch board. It appears that candle through an inch board. It appears
the is to be shot through the board flatwise and not endwise as we supposed. Indeed
we did not think of that.

Arts and Trade
Bleaching Copper.-An esteemed correspan
ant, a practical artist and mechanic, cated a mode, as practised by himself, of whitening opper by means of a sm
Take a quantity of thin coppr ap into small pieces about half an incli square. Put wet thern with water,observing to use no more wate than barely sufficient to wet the surface of the cop
per. Then add thereon four ounces of arsenic sprinkling it over the copper, and stir the whole to gether: put it in a crucible while wet, and cove ed flint glass: place it in the fire and subject it to melting heat, and then pour the mass into a tub copper may become cool before reaching the bo om. Collect the copper and repeat the process,
adding another quantity of arsenic equal to the by theting he copperto make he andic a By this second process
white, resembling silver.
Planishing Metalic Plates.-Silver, copper and tin plates, are beautifully planished by being mallet, on a highly polished steel anvil. The mor perfect the polish of the steel, the more periect win epends on the skill of the operator, to hammer ev ess of the plate during the process.

Galvanism.


Page's Revolvina Rectangle-This is one a class of electro-magnetic machines in which ment denominated a pole-changer, which being a tached to the axle of the revolving part, changes the direction of the current twice during each revolumust invariably lices or coils of insulated copper wire, through which the current from the battery is made to pass
to complete its circuit. In this instance, the revolving part consists of a rectangular coil of wire, U shaped permanent steel magnet, erected vertical U shaped permanent steel magnet, erected vertical-
y upon a stand, as shown in the engraving; and lhis magnet is surmounted by an arch of brass, to which is attached the binding cups, B B, and through the top of which is inserted a vertical screw pole-chinger consists of two semi-cylindrical piece of silver fixed on opposite sides of the axle, but in sulated from that and from each other by several
layers of paper, each varnished with shellac; and layers of paper, each varnished with shellac ; and
o each of these segments is soldered one end of the to each of these segments is soldered one end of the
wire composing the rectangle. The battery curent is conveyed to the coil by means ol two wires passing from the cups B B, through the brass arch springs, $b \mathbf{b}$, which press gently on the segments of the pole changer, which must be so arranged that the direction of the current in the rectangle may be gle come nearly in contact with the prongs of the magnet. It will be seen that the galvanic current, passing through one spring and segment, continues
through the coil of the rectangle to the other segthrough the coil of the rectangle to the other seg-
ment, and passes off through the other spring to the other cup, and thence to the battery. Whis larity is produced therein; that of one side being in magnets, that the poles thereof repel the corresponding poles and attract their opposites: consequently, the north pole of the magnet in this ma-
chine attracts the south pole of the rectangle, and vice versa; but at the moment that the sides of the rectangle passes the poles of the magnet, the direction of the current is reversed by the pole changer,
and what was atracted is now repelled by poles, and at the same time attracted by the oppochanged by each revolution. So instantaneously obedient to the pole changer is the galvanic current, liat the attractions and repulsions effectually succeed each other even when the velocity of the Ge exceeds 1000 revolutions per minule

Rather queer-The Boston Chronotype aay published in New York devoted to 'industry, en terprise, mechanical and other improvement', appears to be edited partly on the mechanical prin so far as its mechanics lay hold of our edltorials we should like to see the 'proof' before they go to
press." Indeed! Now Mr. Chronotype, although w press." Indeed. Now Mr. Chronotype, although we
do not know which of your "edltorials" we have copied, it strikes us that whenever you choose to
publish any strictures on our typography, you would do well to "see the proof" before it goess to
press.

The military and naval expenses of Great Bri ain, together with the interest of the national debt,
mount to $\$ 3 \overline{0}, 000,000$; or $\$ 42$ per anum for each an. In the United St
Important experiments have been recently made England and lreland, to see whether the peopla could live on corn bread and puldings. The ex A new and improved kind of violin strings are hey are very strong warprof and rosin, and not liable to get out of tune.
The $\overline{\text { Post Master General is engaged }}$ on a heme for transporting the mail from Boston to
Washington in 24 hours. It will furnish importan accommodations to business men.
The proceeds of the lnman Gallery exhibition, lear of expenses, amounted to about $\$ 2,000$, which the bereaved family.
The catalogue alone, of one of the Chinese li braries, embraces 120 volumes of 140 pages each. It is truly astonishing that with such quantitie
An inhabitant of Corfu, who recently returned rom Spitzbergen, after an absence of twenty-eight of three husbands!
The St. Louis Impartial says, "We call the at tention of the city authorities to the pump on the
corner of Jefferson and fifth streets." That's right; give 'em a supply of cold water.
The Sergeant-at-Arms of the Louisiana House Representatives has recently been arrested on a the Legislature, without a license.
It is reported that there are about four thousand emigrants preparing to embark, or already on
heir way, from Cork, to the United States "natives" will look out for them.
The new suspension bridge over the Monongahela river, at Pittsburg, is being finished with achi-
tectural ornaments in tasteful style. tectural orn
a curiosity.
It is stated in the English "Art Union," that casts and copies have been taken from daguerreotype
plates, by the electro-magneti: process. We doubt plates, by the electro-magnetis process. We doubt
the correctness of the statement, however. A tree in Durham, N. Y., under which twentyfour sheep had taken shelter, was lately struck by
lightning, and the whole flock of sheep killed, exept one small lamb.
There was shipped at Baltiniore for London last week, upwards of thirteen thousand barrels of flour,
besides large quantities of beef, pork, and other The
The pickerel fishery in the Maumee river, is a is said to have caught upwards of four hundred
insersen barrels of these excellent fish, the present season. France, 1798 to 1838, inclusive, was $13,392,000$ From 1804 to 1814 , the number supplied was 3,865 , 000 , averaging 386,000 per annum.
There are ten iron foundries at Albany, giving employment to about 700 hands, and turning out
immense quantities of stoves and machinery equal to any in the United States.
It is stated in a London paper, that President ing the 41st $P$ on ice near Detroil by a party of
Two "Breach of Promise" cases were lately tried and decided al Lowell, Mass., in both of which other $\$ 2,500:-\$ 500$ more than sle lad claimed. The large clock for the spire of Trinity Church
in this city, cost $\$ 1000$, and weighs $7,000 \mathrm{lbs}$. The pendulum is 20 feet long, and vibrates 24 times in a minute.
A diadem of precious stones, valued at $\$ 4,500,000$ of her wedd for the Russian Princess Olga, as a par or her wedding decorations. T
alone cost upwards of $\$ 200,000$.
The new hall prepared for the exhibition of good


For the scientiic Anerican. Hail thou sseet red bird of spring, Bear away un thy silvery wiuss, Cors, thou to us with jogous notes, Lete all thy song liat o'er us foats. As thou dost thy swee: anthens sing, May we greet this merry spring,
Without a thought of sadness.
May our lives in every thing
Be lite thine forever gladia And may our songs when ere we Be like thine free from sadness. Fare thee welli, thist tirg of spring,
May thy iife be nought but Eladn May no sportsman's deadly aim, Wring from thee notes of sadness. M.B.P. The Fall.
LWe insert the following partly by requeat, hough we do not fully adop the sentiment of the author, that the present state of mankind is deplo-
rable, for we can not doubt that those who are oberable: for we can not doubt that those who are obe-
dient - and all might be-will attain to a much dient-and all might be-will attain to a much
higher and happier staee than they would have done higher and happier state than they
if our first parents had not sioned.

There was a time when man at frat
Orignated from the dust:
His sheart was pure, is mind was free His heart was pure, his mind was fre
The God of Nature pleased to see His works were all so well begun
Eanchin is
is rener order run. Each in its proper order run.
The beast, the birds, the fish, Were in their proper station then $;$ Nor was there in creation round
One single nurmur to be found One single nurmur to he found ;
All loved peaceUntil arrived the fatal hour, When Satan, jealous seemed to grow,
And at our comfort aimed a blow,And at our comfort aimed a blow,-
"Thou art not happy yet," he cried, Bocanse you're destitute of pride. To make your happiness complet, ust taste thi fruit of yonder tree, And then your pride will thus begin," But did not add that pride wassin. But then," replied the lovely Eve Tor in that day, assured am I, eat thereof, that I shall die My Maker, God, hath told me so, And his command I'll not forego." The snbtle Serpent then replied, "In that your maker knows he lied : Mor he doth know full well that you So then she tasted of the tree Involving us in misery : In misery, and every pain, Mich human nature still retain. Mundr. come, cone away."

 !' i! ! !! : i' ii ! ! llı L.et thes care awlide for now reposing, 1.tt busy care awhile forbe
Oli cone, come away : Come, come, our social joys renew, st and Friendship grew Let true hearts welcome yon,
Oin come, come away.
From toil and cares, on which the day is clooing, The hour of eve brings sweet reprieve, Oh, cume where love will smile on thee, And round its hearth and time fly nerrily,
Oh come, come a
While sweet Philumel, the weary trav'ler cheering With evening solngs her n
Oh come, come away : In answering songs of sympathy, or Hope, Joy, Liberty, oh come, come away
The bright day is gonc, the moen and stars appearing,
With silver light, illume the night, Oh come, come away Come, join your prayers with ours-address
Kind Heavca, our peaceful home to bless Kind Heavcn, our peaceful home
With Health, Hope, Happiness, Oh come, come away.

A Droll Mistake.-Au old gentleman taking passage on board the steamer Governor the other
evening, proceeded to the cabin to select a berth, and seeing his own reflection in a large mirror by the side of the table, mistook it for a gentleman in
the "Captains Office," and immediately addressed it, "spare berth sir?" No answer being returned, he again put the question in louder voice. ting his hand to his ear, in order to catch the reply. gined that the supposed personage had plead deafness. "Well," said he, "speaking louder-so am I hard of hearing." Here the boisterous burst of mirth from a coterie of passengers who gathered near, around the stove, discovered to him his mis-
take, and he joined in the laugh as uproariously as any of them.

[Our readers may not all be aware that most of the removing and changing of residence that is done remaining in the streets over nighlt, for want of carts or drays to remove them to their next destination even at the extravagant price of two or three dollars per load. The conlusion of the removing season is
now past, and people begin to find"out their own residences, and household business is again going on in know in what paper it first appeared.]


## Pickles spoiled, carpets soiled, Sideboard scratched, cups unmatche Sideboard scralched, cups Empty casks, broken flasks.

 Hurry scurry, grave and gay, Hurry scurry, grave and gay,Get you gone the first of May. Hark! what noise, girls and boy
Hauling all things over, Hauling all things over,
All astounded, head confounded, Savage as a rover. Such a clashing, and a smashing,
Ripping, splitting, pulling, hitting, Babies crying, women flying, All about in the rout,
Wits quite hazy, ravi Hurry scurry, grave and gay, Hurry scurry, grave and gay,
Such a bedlam, first of May.
Great surprise, mind your eye
What a dust we're raising, Clear the way, carmen say, Old straw beds are blazing,
Bed bugs dying, fleas are flying, I.andlord's grouty, tenants pouty Washing, scrubbing, painting, rubbing, Bad luek to the man I say Who first invented first of M

Too Bad.-The Southport American complains that by the recall of Mr. Wheiton, our minister to
Prussia, and the appointment of Mr. A. J. Donald Prussia, and the appointment of Mr. A. J. Donald
son, to supply his place, displaces the only individual from the Northern States among the eight ministers Plenipotentiary by which our country is represented in foreign Courts, and gives the whole
to the South: and adds that " in all other branches of the Government the case is but little better.The South has become the petted, insolent, spoiled
child of the republic, while Northern talent and child of the republic, while Northern talent and
Northern patriousm is almost entircly excluded from the public service." Well, if Mr. Polk can find no Northern men but what are as lame and
passive, and as easily led by the nose as our North ern representatives in Congress, no one can blame him for appointing Southern men to the principa offices.
Misery in Prospect.-There is a story of a sailor his legs hanging over the side, ind who, upon of his legs hanging over the side, and who, upon
the appearance of another vessel, began to how and to agitate himself in a dreadful manner. A compassionate mesemate steppect up, and asked
what was the matter. "I was thinking," answer ed the sailor, "that it the ship yonder were to strike
against this, what a terrible jamming my legs might against this, what a
get between them."
A Performance not in the Buls.- While a crowded audience was assembled at the Circus, in
Georgetown, $\mathbf{D}$. $\mathbf{C}$., on the evening of the 20th ult. to witness the performance of Welch \& Co's Company, a tremendous thunder storm arose, and when the performance was about to commence, the pavil.
lion was blown to pieces, and the multiude had to lion was blown to pieces, and he mutitude had
seek shelter elsewhere. No person was materially injured.
Problem.-A stone weighing 205 lbs. fallung from a high wall was broken into eight pieces, of such proportions that by means of the several pie-
ces, used as weights in a common balance, the weight of any article from one ounce up to 205 lbs . could be ascertained, to the precise ounce. What
are the weights of the several pieces? Correctanare the weights of the several pieces?
swers (pre-paid) will be duly credited.
Rather Ultra.-It is reported that the Fall River Railroad Company, having resolved by vote, that no ardent spirits shoull be conveyed over the
roads, the clerks refuse to sell tickets to any person who has a glass of liquor in his stomach. That will do for a joke.
A Great Varmint--The Apalachicola (Flo.) Adveriser states that a large panther, measuring
ten feet from the nose to the tip of the tail, was recently "shot at the distance of three miles [a long
shot, however, $]$ from that place." His claws and

The "Literary Emporium," and the "Young
People's Magazine" for May, are each of them People's Magazine," for May, are each of them
beautifully embellished, and each contains a rict variety of well written moral and very instructive artietles of well written moral and very instructive
ary and prose. The first is embel articles in poetry and prose. The first is embel-
lished with a very fine and elegant view of the city of Quebec, and a colored print of a branclı and blossom of the tulip tree. Those of the Young People's Magazine, are ". The Gleaners," a fine mexzotint, and an elegant colored print of the black
alder, witl its bright searlet berries. These elegant alder, with is bright searlet berries. These elegant
and interesting Magazines are published by Wellman, 116 Nassau strect, for the very low price of one dollar per annum,-only eight tents per num-
ber : and it is a plain fact that the engravings alone, in either of them, would be exccedingly cheap a that price, to say nothing of the reading matter, which is
them.
The Amemican Parenological. Journal.-The May number contains much usefil information on Bathing, Progress of Nature, Self-Improvement, lysis of the phrenological organization of Wash ington Irving. Published by Fowler and Wells,
131 Nassau street.

An Excuse.-"Why dian't youtell a straiglt story?" said the captain of a frigate to a coaste who had given a false account of his vessel, when he was hailed. "To tell you the truth, captain, said he, "my speaking trumpet got bruised; and story through il."
essentinlly warped, who have got their pens of political campaigns.
Bark-bound Trees.-It is the custom with many farmers to slit the bark of young fruit trees, verti cally, with a knife, to give the body of the tree more libety to grow. A writer in an eastern agri
cultural paper, however, says he should as soon think of sliuting the skin of a boy's lege, as a regular part of the plan of rearing them, as to slash the near the right.
Curina Toothache by Galvanism.-It is currently reported that the pain of an ordinary tooth
may be removed, by placing in contact with the tooth, and with each other, two small pieces of me tal, the one of silver and the other of zinc. We presume the efficacy of the remedy must depend
muck on the faith of the subject of the operation. -W marmin Correction.-We, or our types stated last week
that Jackson, the pedestrian, had gone to England. It should have read "1s going" to England; or rather, that somebody says he is going, \&c. It is now
stated that he has found another place to run, before

Selected Articles.
Imprisonment of Factory Girls.- In thic
House of Cominons, on the 1st of April last, Mr House of Comunons, on the 1st of April hast, Mr
T. Duncombe rose to call the attention of the Hous to a petition presented by WillianıScott, Chairman of a public meeting held at Dundee, connplaining of
the illegal treatment and imprisomunt of siv live tory girls. Judging fiom the allegations of the pe attion. Lee hand rately known a case of greater hard
whip. Four wot of the six suils were fatherless cund mprotected, and in the present ease, they were of posed by many leadiag persons in Dundee, manu-
tacture, great and powerful merchants, bankers: and ship, owners, aud others engaged in the trade
 girls. 'The oldest was 20 years of age, and hat
youngest wats between 14 and 15 , and they had
监 youngest was between 14 and 15 , and they had
been in the service of the Messirs. Baster, of toun dee, ever since they were nine years ol' age. Du
ring that period not one of them lad been guilty in ring that period not one of them lad been guilty of
the slightest offence or neglect till then. And what the slightest offence or neglect till then. And whiut
did it amount to? It appeared that these girls wereearning from 5 s .6 d . to 5s. 9d. per week; and one of
ent the flats or stories of the factory, having obtained a additional sought liy them, being but 3d. per week. The request not having been met, on the 27th or October these girls left the factory at the dinner time, and did not return that evening, though they
should have returned at two o'clock. The nex should have returned at two o'clock. The next
morning they returned to work at the usual hour. morning they returned to work ot the usual hour.
About five o'clock that day, they were apprehended by four men, and taken to a private office, where of then being taken before the public Court and ex of then being taken before the publice Court and ex
amined, they were taken to another private office at which there were present but one magistrate, an Mr. Baxter and his overseers. They were told to sign a paper, and two of them who could write did were then taken before tached their mark. shortly examined, after Mr. Baxter had whispered something into the Magistrate's ear, they were sentenced to ten day's imprisonment, with hard labor. any number of hours, the usual penalty was to duct a fine equal to the wases of the time lost, and half as much more. But instead of deducting the fine of one and a halr time, these girls were gent to hard labor for ten days. And what said Mr. Baxter to this? He said that combinations and strikes prevailed, and that something was necessary to keep
them in check.

Picture three mless long.-A late number of Gen. Morris,s new paper contains a notice of a painting which will, when completed, cover a canvas
upwards of three miles in lenglh. It will form perfect panorama of the Mississippi and Ohio riv ers, showing, with the greatest fidelity, all the beau tiful scenery on their borders, wilh the islands, cit-
iea, towns, villagres, and wood-yards. It is a vast and noble conception of the artist's mind, and we gress toward the completion of the work. The panorama commences at Pittsburyl, showing the Ohio river from thence to its junction with the Mississippi, at Cairo, and then the "great father of waters," from the mouth of the Missouri to the Gulf of Mexico, a
continuous line of scenery of more than three thousand miles in extent.
Indian Corn.-This article continues to arrive in great quantities in the principal ports of this country, and is already becoming one of great con-
sumption. In Liverpool we have several flour dea ers and bakers who put forth Indian corn, India lour, and bread made of Indian flour, as the prominent articles of sale; and amongst the higher cla ses of society it is used with English and America cultural society, held in London last week there were distributcd among the members a large quan tity of packets of seeds of the carly sort of India corn, the earliest and most prolific variety, and the most suitabe to cultivation in this country, which had been sent over from New York to ascertain whether its growth would not introduce a fresh art cle offood here.-English paper.
An Iron Bridge.-On Friday week the Mayor of Baltimore, Members of the City Councils, and Sher gentlemen, invited by the Directos of the
Susquehannah Railaoad, went to examine a newl erected iron railroad bridge, erected at a distance of 18 miles from the city, over Carroll's Run. The bridge is 54 feet in length, composed of two trus
frames ; it weighs 28,000 lbs., and cost $\$ 2,200$ rames; it weighs $28,000 \mathrm{lbs}$., and cost $\$ 2,200$
-The examination gave great satisfaction to the company, and it was pronounced a very successfu ject, in point of strength, convenience, and appa rent durability.
Commanding Influence-What Mike Wals says of New York-" Rum governs the politics his city"--it is true to a certain extent of othe nir a list of the office-holders, of all grades in thi city-and that they constitute a great army-and e assures us that ten out of eleven of those who hold ofifice in New York either keep rumshops, or did so previous to their appointment! As a gener al thing the man who does most to debase his fel low man, thereby acquire
Dr. Onhs Smith.-We noticed a few week ange, he decampment of this worthy, irom Sto gone after another wife. We now learn that no less than five ladies, most of them young and res pectable, stand connected with him in bonds of ma trimony. \$100 reward is offered for him by "his friends in Stonington, as nuch, probably, on ac-
count of the hired horse and caraiage in which he rode off, as his conjugal relations.
The best weapons of warlare are kindness and love :-let us ever keep them in good or
toast given at a Washingtonian dinner.

## Hity

The tog: of Prayer
anly painliul, there is a pleasure that would be ill he bitterness of repentant sorraw tor ho bliss. In sweetness ; in the agony of fervent supplication Tor pardon, there is a joy, as mucl superior to the pol the world can boilst, as the heavens are higher

The broadest smile unteeling fiolly wears,
what a lappy, lean haretastion he children of (ivil enjuy on earth, if they would ive a life of payer! How calm might they be in
he midst of lle wildest storms. How joyful in the midst of the deepest tribulations. How composed alarm--the smile of Heaven sparkling around and path, the peace of Heaven dwelling within their he:arts. They say that travellers in Alpine their are encoupissed with a clear atmosphere, and cloudless sunsline, while traversing the summit of those loity mountuins, at the very time that the hess, and Even thus does prayer lift the believer to a loftier and serener region, far, far above the clouds and In that that darken and distract the world below. In that region of purity and peace, the atmosphere nacear and calm; and the light of God's counte-
nance shines brightly on the believer's soul, while he sees the thunder-clouds of earthly care and sorrow rolling beneath his feet-thus realizing the beautiful illustration of the poet
"As some tall clif" that lifts its awful form,
Swells from the vale, and midway lear es the storm,
Though round its base the rolling elouds are spread,
Eternal sunshine settles on its head." Selected
Pious Wives.-A short time ago, as I was con versing with a pious old man, I inquired what were
the means of his conversion. For a moment he paused-I perceived I had touched a ender string. lears gushed from his eyes, while with deep emoyears before myself: I persecuted and God some yearsuse of religion. She, habsed her nothing but kindness; constantly manifesting an anxiety to promote my comfort and lappiuess; and it was her amiable conduct, when suffering ill treatmy soul. 'Temper," added he, "is every thing."Selected.
The Dead.-In New Orlezns, children are often buried in coffins painted white, and ornamented with have heard ron intermingled with flowers. We
has assigned for this, but there is something peculiarly appropriate in the custom. It sipeaks of the innocence of childhood, the purity aid, "Sulter little children to come unto me, and forbid them not, for of such is the Kingdom of Hea-
ven."
Extraordinary Liperality.-A fire recently ccurred at Cincinnati whicl destroyed a new founretely put in operation by any, and other works, chanic named Greenwood. On the morning methe fire, Mr. Griffin Taylor, of that city, called on Mr. Greenwood, and handing him five hundred years without interest.
Half Way.-In the road over the Andes, at about half way betwern the foot and the summit here is a cottage in which the ascending and denuited thavellers meet ; the former, who have jusi ed, that the sudden diminution of temperature produces in them the feeling of intense cold, whilst the latter, who have felt the frozen summits of the
mountain are overcome by the distressing sensition of extreme heat.

T'aking it Easy.-" When a stranger treats me wilh disrespect;" said a poor philosopher, "1
comfort myself with the reflection that it is not myself that he slights but my old coat and shabby hat, which to say truth, have no particular claims abut it let luem int it is nothing to mose ofret

The Pound Sterling.-When the rate of exi change on London is eight per cent. premium, the
pound sterling is about $\$ 480$. When the rate of pound sterling is abchange is ten per cent., the pound sterling is then estimated at $\$ 488$. When the rate of exchange is but six per cent, the pound sterling is only about
$\$ 70$. The sterling is the addition of he exchange o $\$ 44$ which is the pound in federal money. A Land Speculation.-A iot of land near the new city," on the Merimack River, and which had recently marked off for building lots, and sold at uction from 7 to 70 cents perfis in the aggregate to about $\$ 70,000$. So the world

Pehfectly Consistent.-An Italian wit to whom a favor had been grantel, after many and break entreat in thankssiving; the truch is I have spent my strength in begring, and have none left for reurning thanks."
Giving a dinner.- -lt was lately announced in the New Orleans papers, that a dinner was to be givman has an occasional dinner given him, he should


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