## RACEIGH, (N.C.) <br>    <br> 

## Literature, Science, Art

REVOLUTLONARY SPRECHES, ORA-
pursannee of the plan to collcet and publish pursaminee of preserve, a body of Revolation ary spetful letter to the venerable President $A$ an ms, requesting his aid in the undèrtakipg
-the following are oxtraets fona his rePly:
 Witherspon, printed an his warks.
"In the Vatiean there is a pieturo of the ereation by Raphanello. A man is represented
darting into ehaos, and buffeting itpheterveg-
mense denents with his fists and kickiug the


"My papers are an infnitessimal minianture
of Raphaelle's efief d'uvre. B it l lave neither diek, seeretary or ann nuensin, to leap in ; and
ar eyes are too blind and my handstoo paralitith, to juap in myse if.
"Nauababried his papers, and ordered them


witit fibive
"I it a serious question, whether $I$ ought to
Dury my papers or hurn them -You wauld pulish then, and if $y$ ou should, they would ruin - In plain Euglisirund
"Yies, Il coinsider the true history of the Ameriecon revotut ion, and of the eatabhlish hent tif our
present constitutions, as lost forever. And nohing but misrepresentataions, orer partial ao sunts of it, ever will he reeovered.
"I am, sir, with thanks for you
Ntive, your vors humbla geevanit ADAMs.
Quiney, Jan. 3d, 1817 "J"

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Hear Sir-I have received ian interestin leter from Mr. Jefferaog, and as his opinion o
the Repository aceords.with yours, and as you have been kind enough to give your aid in the
promolion of the work, 1 shall be happy, if you may see proper, that you would give it an inser-
min Winth great respeet and esteem, $\mathbf{I}$ am, dear si your obedieut servant, JOSEP DELAPLAINE.
JOA Monticello, Dec. $25,1816$.
my return from Bedford, a
Dear Sir-On my return from Bedford, af
ter na absenee of seven weeks, $\mathbf{1}$ found here you thror of the asd of November, with a cepy of
the firat number of your Repository. But found also an inmense areucumulatiout of letters
Teecired during thy absence, some of which Teecired during thy absence, some of whieh
ellaimed my first attentions. You know my agreat ufficiecion of iny present life is it too oppree.
give eorree
 meat to attend to my affires, or ta indulgye in the
loxury of reading and refleetion, whieh would soolte, as a balm, the theaying powers of life
Yet t take up my pen with eheerfulnes, to $e x$ nod examined this first number of yave reat coud examined this irst number of your work.
think ti wefl exeeuted both in manner and matter. $\Delta$ judicious seleetion of faets, related
in an elevated style, and enilivened by a rieh Capey, earries the reader on with the ardor of
his author, while the fine traces of the graver embody in his wind, the figare with the facts, seale of the narrative has been censured, hink, myself, it is well proportioned to the jett, of the work. Were 1 to indulued a eriticism, Tor the lives and portraits of Colambus and $\mathbf{V}$ es pucius. Their age was so remote from nuresin
time and place, that whatever cas bo learnt inme and place, that thatever caa bo learnt of
them now, must be from pubbice sources with
which nh receut hasteries might wist to be aequainted edl, beauase their publication is itself an appea wishes ithat you may receive a jast remuneratio Tor the labours and expenses of this interesting
publication, aceepp the assurances of $m y$ esteen
publication, aecept the assarances of my esteen
ind respee.. THOMAS JEFFERSON.
Then Joseph Delaplaine, Esq.
We are ivformed that President Dwight bad reen thy revived his eelebrated System of Theol
ogy, his Thavels agy, his Travels through Newo.Eng and, and
olthers of has


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ury 12, 187. Disecerveries and improvementa, whether in Seience, the Arts, or Manafaeturee, aade known to the publie throngha eomino Channel, and sanetioned by men truly emineop,
cast neeessarily cail the attention of a diseern. ing publie, in order to appreciate their value new application of the wedge and aceong in one Chapies, and the diseovery of a modeof con
traeting pistons for all kiads of forcing and
 iseovery of Pktea A. Bhowne, E.q an emi neut attorney at our bur, may be lignay inter the cuntry at large. I speak of the pract:aal criterion of merit, as it respeets utility, inven
ion shinuld be tested. Of this 1 ama salisfied having witaessed the oppration of the piston,
not only in the forcing, bnt in the air pump. "When the work innasklip is perfect, in th
 pether, and other experiments in vacuo. Mr
Ross, surgeon's instrument maker, a worksinal of considerathe merit, is now adapping this piston to the air poupp of the eupping instrum ${ }^{\text {not }}$
which promises advant vor. The model in the passessian of Mr.
Browne, the patentee, was wade by Mr. La ens with his usual neatuess and aceuracy.
"The drawing herewith forwarded,
Thich Mr. Browne furuisthed me at my request exthits s he furmatiou of the piston: but, in or
der togive a general xuplanation, we shall no
tiee bring ita tiee brieng its e.onstruetion.
"The font of the piss in-rod gradually wid
ns at ibe bot"om, and fiatens into and fits in Alat cireular plate, which eoustitutes the bot om of the piston. - The rod is furvished with There it an upper cireutiar plate of the sam. size as the under, which ressis upau this shav:-
der, and is confined in its place by a nut. Between these plates are three segnients or piee
es of the cump anetal, which, when placed to
 and between these aro three triangular wetg 2 s.
iwhich aet equally upon the segnents of .the Whine set equally upon the segments of the opring. Which is eireular in form, and of suth
 again act on the three segm ints. no that a eonn
plete emontuet with the eylinder is producuad. "This piston, therefore, consiste of the un three wedges, ant the spring. It is obviou or applied equally to the wedges, the espriug being in eonitaet with one of the sides of each,
and that the wedges, in their turu, aet equal y and uniformly, as wellg's, on the three sev eral segments. The segments then press a
gainst the ceylinder in every point of coantuel Which of course, must be against the
ader, the ealitire or bore being true.
". The wellges themselves are formed with great aecurnay, and dif the segsenents when the In the operation of the piston we may remark,
that any space, however large or miunte, which nay arive from the enlargement of the cirele b the presure of the spring and wedges, is filleel,
nd the whole rendered air-tight. ments when put tugetlier form an equilateral tiangle in the eentre, and the wedgs, whic
are inserted, are also equilateral triaugles.

From the idea we have of this piston we may readily perceive its superiority over the
enminon kind ; that the defeets or imperections o which tliose formed with packing are liablie are removed; and that its applieation may b
general to any eugine in whieh the pixton $i$ seed, however large or small and however sinn ple or compound. Valves have been alded by
Mr. B. to auswer the purpose of the lifting and air-pump. so
"I an so well satisfied in opinion with other persons who have examined it, as to its utility,
that to do Mr. Browne justiee, I consider that e has not ouly stiewn eonsiderable genius and by his invention in discovering a permanent an by his uavention itutiscorering a perwanen ackiog and piston, or auy appendage thereto.
" Mr. Rose will forward and present to you ain Air-Pump on thir principle in a few days. Your respend and one
Samuel L. Mitchell, M. M. D. Professor.
Fine Arts.
PROMCTRE NEW-YORE EVENING POST
Mr. Editor- 1 beg leave to solicit your at Cention to an-artiele whieh appeared in th
Ev. Post of the t Sth inst. signed "America:"


Frontier Affairs:
Four lowny. Indians were committed to the
 hives. .r appears they were tak on up peair the iver Demoin, with the horses in their ponser driven to hostilitien with the l chays afd saes eg driven co hosilities with the lumays and saes aef and rexatious. their differenees by ax treaty of peace. The Cherokess complained that their people were
robbed and murdered by the Oasene, whils bunting for their oup fend The Osages eone ground from the aggressions of the Cherokees: ground from tbe aggressions of the Cherokers: straling their gume; and they would trate every Jations on their lards: but in order to prevent future aets of seterity. they woold give the Cherokees a tract of country ecommrveing at or near the Frog Buynu, on the Aikanaat, (on
the late line druwn between this territory and the Osages;) from thence up the Aikansas to he iver Verdigres ; bence up the Verdigres
 $1 \begin{aligned} & \text { rog Bayon and Fort Onage. } \\ & 1\end{aligned}$ okees has deeu stat to cossion to the Cber. apprabation. The Cherokses are generally enitivatore, They muke haidsume oloth and it it athought they
will soon ataudou the chase. Many of therig deelare the will hecome whitemen, and pur ebase or Congress the lands they live upon.:

7 he Missioxri Gazette, of:Nov. so, contains the followidg artielt:
ty of St. Charlea, of the intolerable insolence of the Sae Indians. They hunt in the midst of the seillements, znd plunder the citizens with inpiuity. B.mpetime agn, they deliber.
ately took down the fenee of a farmer, and drovo ately took dou $n$ he fenee of a tarmer, and drove
into his eornfietd a naniber of their torses. The owner of the plantation had juist returserer and his feuce, whieh be had just faished, whed the Indians returned with their horses, again threw down the finee and drove a greater
nunber of borses in to his Gield, threatening the tarmer with instant death if he attempled to interpuse again.--How longs shall we remain exposed to Indian rapacity

State of Indiara- The bill adopting the bank of Vincennes as the State Bank of Indiana; has passed into a law, and subseription books
will shorly be opened in the several counties within the state for capital stoek to the bank. The legishlure, by a juint ballot of both hoube
es, have elected, Me Mrs. Andrew P. Hay, Da-
 the pari of the state for ssid ballk.
The general assembly of this state has Incorparated a company for the purpose of openy
ing a Canal ou the Indiana side of the Falis or Great Rapids of the Ohio. If this should ho carried iuto effeet, the advantages will be incalculable, not only to the commmercial part of the community, but to every deneription of citirious deseriptions may be attuehed thereto. it rious deseriptions may be atlached thereio.
is said the funds of the company are adequate
 form a chain of enpitalists along the Ohio to
the mcuntains, and perhaps over to the Athab-

Diplomary.-Eight new treaties between the位位 concluded the last year-viz. with the Weas and Kickapoon, Chippewas and Pottar natamies, Winuebagoes, saes of Rock River,
Sioux of the Leaf, Ctickasaws, Cherokees, and Chactaws. These are the kind of people who he British Commissioners, at Ghent eontended merican Com nissiuners that thiey bad not.

 ioners caused to be made, during the last sea son, has resulted in in strengliening the con
vietion that a eaual, from Lake Erie to the Hudso , is more praciecible, and is likely to o a itended with less expenoe-than hat beea
eretofore suppossed. The reault has lately ed to a general meeting, on the sothjet of the

