 quefeded to prepare= copy. of this repont on the thate new arts, for the prefs, and that it be publithed.
BENJAMIN DEARBJRN, Rec. Secery. The following, joff received, is she 1
to in the above vote.

## DISAPPOIN IED in my expectation of a fitance from either of the gentlemen appeinted

 fiftance from either of the gentemen appointeda committeef with me, to enquire into the flate new arts and manufaetures, whieh have been tutr
duced in the fouthern counties, 1 have prefubned : lone to exhibit the following account as the beff, allow.
in this part of the country.tot only a has bee inereafe of former manufactures, but feveral ney ones have fprung up. W itbin the counties o
Plymouth and Brifol, there are now in operation, 14 blaf, and 6 air furnaces; 20 forges, 7 flitivigg
and rolling-mills, befides a large number of trip. hammer fhops, and an almaft incredible number of
nail fhops and others, for common fmichery. Thef furnaces annually produce, from 15 to 1800 tons
of iron ware. -The forges, on an average, manu facture more than 1000 tons anuly, and the flit ting and rolling mills, at left 3500 tons. The rol
ling and Biting of iron thay well be confidered as one of our new manuractures. Thare was indeed
upwards of 40 y ears ago, a flitting mill ereeted in Milton, and another in Middleborough, but when
compared with thofe of modera improvement, they were imperfeet and unproductive *. This how and her Parhament foon interdicted this manufaekind we hear of, was huilt in Taunton in 1776 this for a confiderable time food alone in New
England ; and was then the beftever built in A rica. In the year 1780, another was erected in In the year 1787, the fecond, and in 1701, the In the year 1787, the econd, and in 179, the erected near together in the year 1793, viz. one
at Stoughton, one at Plymouth, and the fecond in Bridgewster. Thefe are all I have heard of with in the limits of M -ffachuferts, and except ort The various manufactures of thefe mills, have gi The various manufactures of theer mills, have gi-
ven rife to many other branches of manufacture From the annual production of three flitting and rolling millsin Taunton, which is not lefs than 8no tons of iron'more than one half is again manufactur within that town, i. e. about 50 tons are cut, within that town, i. e. about 50 tons are cut, 330
are hammered into nails, the remainder io wrough into fpades and fhovels. In she town of Norton the avnual amount of the nail manufacture, is no lefs than 300 tonds In Attleborough,
Rayuham, upwats of 60 , and in lefs -Raynham, upwarts of 60 , and in lefs quansitie in feveral other towns in the fame county. The
town of Bridgwater flands next to Taunton in this manufacture, and the firt insall others, exeept mill aws, which are made of fuperior quality in Eaft
town. Although a confiderable number of rod cut in thefe mills are annually exported, yet an equal number at leaft, are imported-fo that the full
amount of all the rods cut tho thefe mills are manufaetured into nails within the limits of the old co prject of any confiderable attention untilabout the year 1785 , when the general court laid a duty up
on imported nails of every fize. This gave finews o the alm, and motion to the hammer, which foun terminated in the complete eflablifiment of the nail marufacture. From 4 or 500 malis indifferent ly made by one hand, in oue day, more than 1000
are now well made in the fame time. The iron are now weil made in the fame time. The iron
Thovel manufacure began at Bridgwater, in about the year 1785 . The moulds were then wrought,
under hammers, But in 1788 , they paffed thro' under hammers, But in 1788 , they pasfed thro'
the roiling mill. This mproved method was owing to the ingenuity and enterprife of Samuel Levarad, Elq of in Ameriea. Since that time, the number done in A merica, Smee that time, the number
annually made in Tauntor, has not been lefs than 200 dozen, and more than twice that nnmber in
Bridgwater. Tlis expeditious method of rolling the patterns has reduced the price nearly to one
half. Wire drawing, and rolling fheet iron forahe half. Wire drawing, and rolling fheet iron forahe
tin manulacture, has been fuceeffoflly practifed in tin manulaeture, has been fueselffuly practifec in
one of $t$ the milts in Taunton, but the latter is now an objeat of more partienlar attention at the rolling
mill in Plymouih. The art of calting cannon, mill in Piymouth. ${ }^{\text {eannon balls, \&sc. in air furnaces, ought to be rank- }}$ ed among the new aud lufffulptts of our diftrig.-
The firt furnace of this kind was built in Bridg. water foon after the commencement of the war; and when we conficer the expence of heating a and compare it to thats of au air furnace, the fippeand compare it th that of au air furnace, the fupe-
fior advantage of the latter will appear, etpecially. rior advantage of the latter wil appear, c-pecialy.
for cafting military fuores. Gufnithery, or the
art of makin. fire-atms, xthou fit introduced, was art of makin, hie-arms, Athou, it introduced, was
but litle practifed in Bridgwater, until after the Ametican war. Since then it has been carried to
greatier perfation in that town than any other.
The firl
nufactured in New. England, was mide in Britg
water. From this place, fire-arns are liow export
ed to Europe. The fuperintendant, as well a ed to Europe. The fuperintendant, as weit a
fome of the principal workmen, now in the armou ry at Springfield, were original manufacturers from
Bridgwater. The art of making Ittel was intro Briced in Eaflown, by Capt. Eliphalet Leoiaard, $i$ in
dut 1786: It has, fince ithat time, been made there in very confiderabie quannics, and wuch cheape
than imported fleel. For purpofes that iequir ltarg imported itee. For purpofes that requir
large quanttes of hard feel, as in plow hares horfe floes, \&ce. it is equal to any imported, but
for edged torls in general, it is found to be rather below it.
The manufaeture of cut nails began foon afte the revolution. Tht maclinte which gave it birth,
was the invention of Mr. Ezekiel Rred, of Ab ing ton. Near the fame time, and by the farte in
genious mechanic, was wade a wootleud maelifitthis gave rife to that manufacture a mong us. Bu who was the original inventor of that uleful inftru-
ment, by which cotton and wool cards are now ment, by which cotton and wool cards, are now
madecheaper and better in America than io any part of Europe, 1 fhall not determine. It The manufature of linfeed oil firt began Eaftown, in 1792 , and from an arinual Rock o about 3000 bufhels of feed, there has been annually produced near 5000 gallons of oil. There is an
oil mill in Plymouth, and another in. Bridgewater. The manufacture of ftone ware, of hand i.ellows, the county of Brittol, in all which the prefent prof. pect promifes future fuccefs. In the towns of
Norton and Taunton, there is.a manufacture of a
ind of earth or ochre former kind of earth or ochhe, found there, into a pigment
of dark yellow colour. This originated in Norton, in $177^{6}$.
manufactures of there frincipai manufactures of this part of the country, the quef.
tion will now arife, how, or in what manner can Hey be fill improved? This already has been at-
eropted, and in fume inflances happily fuceede by the help of machinery. The machine for mik.
trep bricke, invented by Dr. Apollos Hivkley of Bridgwater, has well fucceeded; from clay crude and unwo ougbt, 1500 bricks have been well mould-
ed in one hour. The machine conftructed forit cotton manufacture on the boundary of this dit s, although complex, yet a molt capital invention but policy at prefent, conceals the annual protuct
of this factory. The machine for cuting and hand ing nals at the prgfent time, invented by Mr. Caleb
Leach, of Plyment Leach, of Plymouth, has been highly comimended - But with many it aill remains a doubt, whether a mauld feem neceffiary to cutand het fo frong, as
ne nails, at one operation, will not be, at firt fo expenfive, and
fterwards fo liable to derangemene to diminifh, if not wholly deftroy ent as greatly to this, however, happen, it will be lefs regreted, as a
youth of cither fex can with the machinery cut and head at leaft soox in ine day.
Want of time obliges
Dew and ufeful improvenent in to mention-tafhes-A difcovery by which, in the manufachure of axes, the edge is made thin nearly as a knife,
and yet fufficiently Atreng and durable. A meihod To of mettiog irow in an air fornace a methoe hird lefs fuel than has been ufuaily required. A againft rulling of of fhovel patterns, $\& \mathrm{c}$. but- bete mit a particular account of the manufactures of fauff of wooden bellows for blaat furnaces and e-
fpecially of eombs, the annual in any town in Brittol county, is moro tha one thoufand dozen ; thefe, with fome ethers
which did not occur when I firf wrote, may be the fabjeet of forme furture communication -1 am Sit with friendflip and efteèm, your moA humble fer
PERES FOBES. Mr. Benj. Dearbqrin,
-

* Mr. Leach was the workman employed to exe
ute in Lrafs, the Planetarium, of an Orrery, the de ription of which I prefented to the American Acade Athough an honorable leconpanied that defcription, art fociety, yet in juffice and gratitude to him, Iam
appy in having this opportunity to bear a phy in having this opportunity to bear a aill more
dit to actataon to his ingenuity, enterprife and merit nd to acknowledge the effential fervices Jendered b
hat ingenious workman.

From the SALEM GAZETTE.
WHEN particular and interefting occurrence not employ oir: attention, we mult take a more ee range aluong writers upon fubjects which have een thought ufeful and inftructive, and which are as well as of the E. Elefiafticawing flate of Europe, a late Noble Emigrant may he irece France, by fhall give the fatements in the tranfation. W ath countries, even among Savages, there is a clafo fuperior influence, the nurfery of the governmen Nobles. Among the Englifh, the Bar ascone the Amobles. Ame Englifh, tlie Bar, as connec
ted with Parliament as conneeted with riches. The Dutech Trade fill more the Englifh, have a Atrange expreffion What is be worih? The anfwer is in pounds-fier ling: while a man's real worth is in his merit, and not in his money. Among the Spaniards, and in
I:aly, the Clergy, 1n. Pruffia, the Military. In Germany, Nobility, with a Cuat of Arms of a leaft fixty-four quarters. In America, Asricul
cure. Among Savages, fuperior firencth the Tarks, Slaves edacated for the purpofe of mian king Statefmen. The following is a fhort, inturefting, ant probably authentic account of the late
Exclefiaftical flate of France. "The Church of Exclefiatical tate of France. "The Church of
France is compofed of 18 archbihihoprics, in the appointment of the King, as are the 118 bifhoprics.
The parifhes amount to 34,408 , and 1. 6 parines amount io 34,498 , and there are
4. 644 annexed parifhes. The regularclergy coul fits of 16 chiefs of congregated orders, 1100 ab beys and monafteries, comprehending 16 large roy.beys which are in conmendam, and confirms the election of the others. Of religious mendicants
there are 1520 convents, divided inio 87 , monaftic


 wiich have been made, ithere are in in the the tudgdom
 ${ }^{1} 36$ Arctbibitiop pics and and Bifhoprice.

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Curatas, P Pioiss Curates,

netcee
3.5800
5.5

 Ant
S,000 Oride of SS. Ausultin


7.000 Nintariten:
4,500 St. Domine


2,000 of divers inferior orders.
And thefe returns are fuppofed to be marked at
We are to remember that this is upon a populati3oth part, and that 20 millions of dollars is an in confiderable part of the walth of thic, great mati
on. But this mighty mafs has been deftroyed and 11 attached by the Revolution, and the mifery of all attached by their habits to this inflitution has
been rendered certain. To difmember part of any commonity, efpecially an aetive part, part of any commonit, elpecially an active part,
muft have bean attended with great convulfions, ot prefuming even to imagine the anguifh from nd the public a ellablifitinent of sfurpation, but it was a work rime. The prefent generation were by nationa humanity muft have been offered in their immediate (Gruetion

## From the South Carolina State Gazette,

 Mafis. PRINTERS, shufe to frame excufes for their non-attendance, and ome few of them clufe rather to Pay at home and pay the fmall fires inflicted on them ; inftead of ublic weal : ther in zunfultation concerning the he citizens are reduced to very of theair indolence, es. - And it is to be hoped that the e eitizems at the next general election for wardens will remember the refent worthy defaulters, and make choice of fuch ruit repofed in them. he folluwing remark (viz.) John Johnfon, Efo. Te is a pattern of rectitude for the example of his hereafter chofen competitors,-There are many ve-
y falutary ordinances for the regulation of the ciry falutary ordinances for the regulation of the ci-
y - but what do they avail, if not properly execuA
And flameful to relate, contrary to an ordinance ereing billiard tables, retailing foirituous liguors 8c. \&c. money has been received by men in office, nable, able, and retail fpirituous liquors. Thefe are facts, and facts are
to he controverted.
The iollowing interrogatories, by way of fhort If. H, are fubmitted to the citizens
ath, or Lord's the city magiitrates keep the fab Anfwer-By takking a moderate airing, a recre ion at cards, por fome other agreeable amufement at all tranfareffors, fpecinlly fers, and wink ram fhops.
2d. Is not profanefivearing and blafphemy heari oar ftreets both night and day?
3dly. Is not foreftalling, extortion, and every ind of iniquity winked at?
4th. A re por all eur laws elc in univerfal contempt?
5th, Who are we to
il Ifflagrations, that have fo recert the calamito aken place in this Merropolis ? Anfuer-Our good magittra
ing vice and immorality
gg vice and immorality.
6th. The courts of
6th. The courts of juftice fopped for the taces. At that time of magiftrates to fee the aces. At that time of revelling and diffpation,
one of the Affociate JUDGEs, gracefully ip Meeting-Atreet, the better to convince ghalloping hhed fpectators, that he really is-what the de all the resing. And two of his negroes follow ghis ex mple in defiance of the city laws
Query-Should not the negrors have a bounty,
or cxeelling their matters in every fpecies of vice,
sc. \&c.
sc. \&c.
It is earnefly wifhed thefe few hints may here-
her be properly attended to, which is the fincere
if of many who are friends to juftice, and lovers
country: Among whom is,
Meffrs. Printers,
Your conflant reader,
WINCHESTER, July 29 .
Friday latt was committed to the prifon of th
f Juflua Strickler, by flabbing with the murder

Pbiladelpbia, Auguf 8.




 ing from a guatity of the entrais of fifto
 family, and four or five ohters fom the neighbout: Ing ramiles the
Cever has fubudded
The fationta to all appearace io equal to any vee Smith, His From an Engitic aome
 Oil Baily, May II. Leat night the Recorter procecded to paff fin. reflion ; that of death wipon Henry Weflon.
Preceioust of tere Ierevius so receving fentence, Wetifon addreff
ed the court, to which he did nol complain of the hraridip of his convition, but declared he he had not
commited com minted thic crime with the fralleth intention of
dioing injury to to ny one, being fully confident he he
 Ore it would be called for. He atribured the
whole of hio misforunes to the allurements of the
 me to make hiti peace wiith tho Almighty, whom

Thie Extra of I letere Trom London, this day pub-



 Recy inconation form the Unitad s, stitige

 the reiolition




 MDoaor Nicholl has been naned dy onca, and hear



## CarlisLe, July 27

Departed hidis ifi, ont, the stit inf. aftea lang


 affegivante holband, a good neighboor, and an botof man.

This Day is Publifhed,
By WILLAM COBBETT,
The Life and Adventures of PETER PORCUPINE;

Dilfrice of Peanflyvania: to wit :







Therformity to teas of the Congrefieo the Uniud



## C A B L E S, 

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MINIATURELIKENESSES




