papgr and papga mikisé.
(From the seiventific Amicichin.) in price two and a hal hal cents per pound, owing to the difificulty of obtainipg a sificientsupply of cotton and linen rage for its
manufacture, it so affected the pubbication of newspapers in our country and Europe
 period, ${ }^{2}$ curtail their dimensiones. This
oxeited the publie mind, and appeals were made to chomitists and inventors 10 institite experiments, and endeavor to disciover or cheaper substive, who had lost \$100,000 by the rise in its price, offered a reward of by
$\$ 5,000$ or ar a new, cheap, and available
material. 1a a very thort period after this, material. 1n a very short period affer this, scores of persons were reported as having
discovered methods of making white paper discovered methods of makking waite paper
from a great varivty of materiats, suct as
 theses eshevenems wer victory -that the great olject had
notes of been aceocmplished. These were great mistakles, fy the great objeap to to be aceom-
plished
 Gut/ cheqper paper, of equal, if not supe-
rid quality-from any material. The price Faper has fallen somemhat since 1854, produce a substitute for rag-made paper nor have mistakes ceased to be repeated. By the number of the Londen Engineer two niow patents granted for manuffecturing paper; ooee to Joseph Barling, Eng. for making paper from the roots of hop vinees, Bower, Ireland, for manufaeturing it from the leaves, stalks, and roots of beets and burdocks. These patents are not of the least value whatever, as paper cannot be
manufactured as cheap from these materials ${ }_{\text {as }}$ masuace from pure cotton, even before it is made sio raga. These patentees have made as who supposed they had accomplisthed the grand object by merely substituting one
material for another. There are many persons who know how to manufacture rows, and the process of doing this is neither complex nor secret. It simply embraces the well-known method of treating those plants or woods first with a caustic alkali to remove the resin in them-as from pine
wood shavinga-or the silica from themas in straw, -and then pursuing the same proceases inat are commonly employed in and reducing to pulp. And it cannot but be somewhat mortifying to many recent inventors of paper, from what they sup-
posed were new materials, to be told that posed were now materials, to be
there is nothing new about them.
A neat pamphlet on "P Paper and Paper Making," got up con amore for presentation
only, by Mr. Joel Munsel, Albany, N. Y., throws a vast amount of light on this subject, and presents a very clear and condensed history of paper-making. We learn
from it that in the sixth century the Chinese made paper from rice straw; in 1751 M. Guettard, of France, produced specimens of paper made of the bark, leaves, and stalks of various plants, shrubs and trees; in 1756, during a seqreity of rags in Germany, atteupts were mace to make printing paper from straw. The circumthose among ourselves in 1854 . In 1765 Jaeques C. Schoeffer, of Rattisbon, pubr was printed upon different kinds of paper nade without che use of ragg, such as cot lun of the poplar tree, homes nests, sawand, pinewpod, and also of hap vines, the very material for which Mr. Barting mentioned above has secured a patentg alse Plunket's and Bowers' patent'; it aliso con-
tainied paper imade from broom corn, thistle tained paper made from broom corn, thistle straw. In 1776-at the time of our Deelaration of Independenee-a volume wat printed in. France upon white paper made of it, were iventy specimens of other paper
*From these facte wo are intalined to the opinion that very litte that is now, if usefult, has been disecovered in paper-makiog ject. We koow that oume very good whito raper has been made from straw, and that have been printed on paper mosily Coin-
 Ostraw alone in in 1800 , and that tho was the
Irst who made printin rat who made printing paper from old, vaste, written and printed paper-a grant
avention-we think that strnw paper must nudergo some forther inprovements before will supersede ray-made paper, which till holds ins place in ihe printing art. We have presented the forefoing for the heir attention towards ineprovements in paper making. Let them ever keep it
before their minds, that the grand desideratum respecting such improvements is not
merely the application of a new material, but mainly the production of good and cheap paper. We do not present such straining efforts to iimprove the art of paper making, but to direct efforts for such improvements to the right point of aetion.
$W$ o conceive-and $i t$ is demonatrablethat no greater benefit could be conferred very inhereligeby nations than some discovery whereby, good printing paper could be proucee in abundance at one half its pre
sent cost. Such a diseovery would lead to
an astou shing difusion of cheap informa an astopishing difintion of cheap informa-
ion; it would lead to greater intollectual activity, and an a consequence, a further Vill sucenent in learning and knowledge hink it will; and it is worth laboring for by all those interested in paper making and paper using, and who wish well to their Thow.men.
There are 750 paper mills in the United States, producing annually $250,000,000$ lus.
of paper, which at 10 cents per pound of paper, which at 10 cents per pound
amounts to $\$ 25,000,000$. If reduced in cost to 5 cents per pound, the saving would be $\$ 12,5000,000$. - To, prodice this guan-
(ity of paper, it requires $405,000,000$ Ibe. of tity of paper, it requires $405,000,000$ Ibe. of
rags, vaiued at $\$ 16,2000,000$. Great rags, valued at on those rags are imported froa vith the ad hat would at once supersede the necossity of importing rags would be a great blessing o our country.

The Brain in Spirats.- Hyrti, the an atomist, used to say, that he could distinguish, in the darkest room, by one stroke of the sealpel, the brain of the inebriate
from that of the person who had lived soberly. Now and then he would congrate late his olass upon the possession of a
drunkard's brain, admirably fitted from its hardness and more complete preservation for the purposes of demonstration. When the anatomist wishes to preserve a human
brain for any length of time, he effects his object by keeping that object in a vessel of alcohot. From a soff pulpy substance it then becomes comparatively hard. But the inebriate, anticipating the anatomist,
begins the indurating process before death. egins the indurating process before death
Bolline a Tea-Kettle.-Mrs. Jone hired the other day a Miss McDermott jus "boil the tea-hettle." "The what?" The tea-keule." "An" do you mane that?" "Certainly; if 1 do tot, I would not have ordered you to do it; and be quick
ahout it." "Yes, marm." Miss McDermott obeyed orders. In about half-an-hour afterwards Mrs Jones resumed the conver "In the dinner-pot, tiarm." "In the din In the dinner-pot, marm." "In the din and I've had Yop told me to boil it, marm and l've had a scald on it for nearly an

A Rule Without as ExceptionThere never yet lived that young lady who dd not like to be told she was pretty
Ravusa Amascuove. An Indiana pape anhouncing the ideath of a gentlemmen ou
West, says that oi the deceased, thourg bank director, is generally believed to hav died a Chyiptian, and was much "respecte
whilo living."

Nio mor Gutwinty
 anthority of Lididiey Murray and oth If you would lite to have a wife $w$, mama ; for any printer era tell you that "emily o"
If always counted by thausands.
 uraing.
if you
If you have a qife named Cordelia, you should
over drup any of your old a Whor drus heng of jour old aceuaintances ; for he
The movert inceessant writser in hoe moser ineessant writer in the world is he
do is always bound to Ad a line. You unay adore your wife, but you will be Uness you would have withe evil ane for
Unaw you should not mavry alady famed Eather-
in-lizas. beth, for the devil is fatherr of Lizeo- (lies.).
I' you wish to succeed in life as a porter, Ir you wish to succeed in life as a porter, you
hound marry a Caroline, and treat her very kindly for so long as you continue to do this, yoil will be Many carry.
men of
would not gamble for the world, still have not efused to take a Bet.
A Pretry Lose Nosk.-The following inei-
dent we had from a friend who knew the party Deacon Comstook, of Hartford, Couneetietet, io
well known as being provided with an enormous handle io his countenamee, in the shaspe of a hage
nuse $;$ in faet, in is remarkable for tip great lengit. Oa a late uceasion, when taking op a eollection in the ehurch to which the deacun belonga, as h whom he presented the hag seemen to be possessed
by a sodden and unerontollable deaire to langh. The dencen did not know what to make of it. H
 coa was fairly puzzled. The segret, however, two with a sore on his uasal appeendaze, and had
plaeed a mall plece of sticking plaster over it plaeed a small pleee of stieking plaster over it. plaster had droppert off, the deacon, seeing is, ai
he supposed, on the fluor, pieked it up and stuel he ouppogain. But alas for meen who asometime
it one make great. mistakes, he picked up insteand one o
those pieces of paper which the manufanturers
 spooi celtion pasee on the end of every spool, and
which read :-"Warranted goo yards long"
Such a a sign ou such a nete was velh a sign on such, a nose was enough to upse
the gravity of even a paritan congregation.

## Anrcpore or Roasar Burxs. - Burns was standing one cay upon the quay at Greenoek,

 when a weathyy merechanat, belonging to the town, was no swiummer ; and his death would have been inevitable, had aut a sailor-why happened to bpassing at the time-tinsiediately pluaged in, and passing at the ume-linsisediately pluaged in, and
at the riek of hise own life, reseed hime from hie
dangerous sitaation. The Greenock merchant dangerous situation. The Greenock merchani
apoon reeovering a litile from this frijht, put hi hand into his pocket, and generously presented
the sailor with a shilling. The erowd, who wer by this tiue eollected, loudly protested againat the contempliblible inaignificasese of the sum ; but Bern
with a samile of ineffable seonn, entreated them to restrain their clamur, "For,"", "id he, "'the gentle-
man is of course the best judge of the value of his wn life.
Hasry Buspass.- - was formerly the custom,
both in England and France, ase it is at the preeent hoth in Sigland and France, as it is at the preeen
inme ia the United States, to inter those who die by etholera at the earliest, conveniert. moment after
dissol ution ; bot warted by the many fatal conse quenees of this prueeeding, the custom of hast interments has eased in those countries for
many years. No one can now be buried ther until y green No tinge makees its appearancee upon che abdemical museles-the unmistakabie sign o
ineipient decumpositiou, al wayy Artat seen through ineipient decomposition, always Artat seee throug
that thin layer of museles. A body might
Cour or aix weeks, or more, but it his color frile four or six weels, or more, but if this color faile
to appeaif, the body would be retained antil thit unequivoea
recoveted.







 ceuge in 2 Cor 5 : 17 . Therefore if any man be
in Christ, he is a new ereature old things are
passed away ; bethold all thing a passed away ; behold, all thinges are become new.,
When I became a Uhristian, feathers and paint passed away.' I gave tny silver ornamenis to
 That my tomahawk now", said he, hoidiog up. in the Ojibwa, lapguage. "Blanket done awaya,"
Bebold he exelained, in a plieity and dignity of elaraeter were which simb-
behold In Sweden, the floors of the stable
ed, and the planks are of teriurated with the holes, so
that wet will not lodge on theul that wet will phet lodge en theau-the bare boards
being the ouly bedding allowed. To this lodging being the only bedding allowed. To this lodging
the Swedes aturibute the soundness of their horees feet, as it is quite uneominuen to meet with a
lame or touinered horse in Sweden which has

Imaknitasce of Talemp-A eontemporary says that great ipen usually inherit their tararany
from their mother, This is the popilar belief
bit but noeir thether. This is the erroneous. The popular belief
butake han arisen from attending only to those caseas in whict the mothier had a superior mind, 10 the equal
negleet of the equally numerous examples where the feet of the equally numerouss examples whene
tosessed remarkable abilities. Every body quotes the fiet, that Nappoloon derived his
Reoius frum this foother. Nobedy ment eevius from his mother. Nobody mentigns that
Borns owed his vast abilitite to his father. traveller would wast abilities to hio father.
should deseribe all Ate similar blunder whe should deseribe all Amerercans as light-haired
or say that every Pnilladelphisa was a Quaker The rule, for rule there is, lies deeper. Quaker Great abilities, in a word, ariseer. from sueh a
fortunate union of the mental elaracteristics af
 such. The catalogue of eminuent men, if eare Tally made up and honestly sorutinized with a
view to elueldating the tunt
and iew to elueidating the truth, would establioh
this, we have no doubt, beyond controveray:For it is already known, that the ehild takes ite mental nature in about equal portions from it
parents, and this faet at once leads arents, and this faet at once leads to our con-
dusion, as well as explains why brilliant parents often have dunces ampong their offspring. Lot us illustrate this. $A$ man flas. the purely
intelleetual craaracteristies in great foree, but wanting in will: he is consequently, but is philosopher, or a visionary speculator. A dreamy mar ries a woman who, with but ordinary intelleet. has immense energy. One ehild of this pair may
combine the weakness of both parents ; and will be, in that event, an irreclaimable fool. ; But ano ther may inherit the mother's will, with the
father's intellect! and this child, onless ruined by ather's intelleet : and this child, onleass ruined by
a bad duaction, is eertain to become distiuguiolied. Or tuke another example. A womina of no
remparkatle abilites, but with a fine moral nature, is married to a man without prineipipe, bot pote
sessing shining abilities. One child of this popit may have the good qualities of both parente, and Bat another may inherit the deficencies of toon and agower map, inlesherit the deficiencies of both,
but a brilliant villian. Or lake a a a thided to beeome instanee. One parent may have mueli imagination, bot littie else : and the other nothing retparkable, but
great perceptive faculties. The univn of these The tranaeteristies in a child will produce a poei The transmissios of either in exceso, unlese balanced by a strong reasooing powèrs m m
Thunan monktey or tomatio 'fool.
This law explains also why so fow eainent been twe dissipguiphed poets, painters, generq)
or even statesmea, who were father ad or en brothers. The elder, and younger Pitt,
othough both Prime Ministers, and both famout though both Prime Ministers, and both famous
speakiens, were strikingly ditsoimithr in their mee
tol conatitite

 many and s, diotioguighed ipgredients, ideality


 which phreacology divides the brain, and take the
ehild of saly two peragpe whatever-and, whe
shall say in what exact proportions out of the then

$\qquad$ There iv too mueb 'ratity tagegh for truth

 conceived gr pppulary idear. W W A deppl, thowdy

