WILLAMETTE FARMER,

## Useful Information.

Marbled Paper. This, much u wed by bookbinders, is produced
in a very curiuus way. The name is not es. actly suitabie, seeing that few of the specimens
are imitations of real marble; but it has gradnare initations of real marble; but it has gradn-
ally beomene ppplied to sheets of paper of whinel
one surface iy made to imitate any kind o
otone or wood. Smanll brown spota on a ligh

 Prassinn blue, verditer, umber. ivory blek
eto., they are gronnd pp very fine with pre.
pared wax and wnter anda few drops of alcohol A a olution of gan is made of gum tragacauth
alum, tall, nd water, and phaced in a trouk
or shailow



 into tortuous linees by pawsing a kind of com
along it. Alt this thkesp place on the surficee o
The gam solation in the vat. When the vat it


 red granite, and fancy woods, are certainly no
very faithfal; but the paper ii fively in appar

 have bern produced within the last fow year
nuder tha name of initeseent nod opalesecn
paper. Like the commoner hidnd. these re



## Solvent Powers of Water.

 Water is a physical rather than a chemiecagent in bleaching and dying it is the vebicl agent in bleaching and dying; it is the vehic eloth to be operated npon, or which removen
the mattora pecesanry to be removed from When a nubatance is mixed with water, it may
either be disoolved by it, and disappear, as sal doesa; or, it may remain in nnapension,
cbank does. Nothing is considered to be netu

 for. if allowed to stand. it would netie ont;
if the mixture wore dilterd. ,he water wonld
pans elear, while the chalk wonld remain upo paks cecir, while the ebalk wonld remain upo
the calico, but blna vitrioi. (nnphate of co
per) for (xample, does realiy diweolve in wat


 stances; of some it can disoolve itsown weight
and more: of otherra a small portion wand
nome. extremely litte. A* $n$ rule, hot water disoolves more than eold; but, upon cooling.
 for cxample, in a a cold place, breanne cars, nait itn that are but apariogly solahle, us chlorate
 when freebly made, become nilled with smail
cryatalk, and rough on the machine; it in fell in the case of no useing liquor, which contins.
chlorate of potash as an antive agent: which
crystallizing ont, leaves the ligqor weak and ot able to do its work. As a usual thing, the drug room apon a printing or dy cing works
shoul be cool bat there are ome liguors bet.


 thi, but which are excellent thsts for nilk iloid-
The writer has made f ew pperimprots with,
Tow


 5.wnexaze












Bursting ot Trees and Objects Struck by At a recent Lightning. At a recent meeting of the Manchester
Literary and Philosophical society, Mr.
Baxendell suggested that the explosive effeet of lightinug might be due to explosive effeet of
moisture into steam. At the meetingeroion of that
 seemed to him to very probable, that he had
been iudneed to try if hie ound tont produce
imilar


 he tube opposite the gap in the wire, Thi
ube wa brut in the form of a sphon, and the







The Scientific American nays: "The visito


 and the diacharge, when effected with the com-
mon rod, took place through about two inches This tabe was shivered at the anat discharge
That patt oppositt the gap and for some way That pat oppomit the gap and for kome way
beyon, it completely broken up into trag
ments, which preent more the appearance of
 4enor of the pipe has been redaced to powder
These fraguento were catured to some fee
on nill sides bat there wan not
 hat of dena blow. There was no noino be
The the ordinany crack of the in whisharge.
Thich this pipe was destroyed



 without burnting) and whet we nee that it wai
not ouly bart but hat the tuterior of the
sins wan actuily crushed by he presure, an Hu this by the aincharge o
ant cose to wonder the the
d discharge trom the cionds
lapaoved Butron Holdks.-The holder con ints of two plates of metal which are forked a
ove end, the pase between the prongs being
Veshaped. One of thene plates has arooves






| Beach Mining <br> Among the many different m g the precions metals, the m rried on at Gold Bluffs, wher nd is gathered from the beach enliar to California, but out ediate vicinity in which the und little seems to be known orking them. <br> In 1850 gold was found alon Klamath county, and the fa citement ensued. Since tha ines have been worked a cently in a systematic maunc view of the beach at Gold Bly at when the surf breaks squa rolls up masses of coarse and, and no gold is visible; <br> kind of natural separator, <br> ch black sand in spots, fron ken. Thus success in find <br> unds largely upon the direct <br> Fig. 2 is a sectional view of similar or nearly so, in ong the auriferous belt. <br> he gold is derived from these oticed that after ain strata, ae beaches are richer and th ttempts have been taiade to hich is believed to be beyond p by the leads of vessels, but |
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|  |  | ap by the lends of veasels, but thus far without

succees.
In Fig. 3 in presented a viow of the mine nt
the elower ond of tha blonff. The sand in gath-
ered and placed in macks, which are then con.


 | lect |
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| one |

 a year. A profession or a good trade would
pay better." That farning is a money maling businesn
would bo shown by nimply pointing to the number of our wentiny whear growers,orehard
ints nud stock raisers. These are, it it tree.
thone who farm on a large seale. But they



 iton of the
crowding
room loft





























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## Workmaniike Ha_its.

We have so often urged the great importance
nd absolute necessity ot cuit in the selcetion, and absolute necessity of cure in the eeleetion,
ase and keeping of tools, that perbapa an ase and keeping of tools, that perbapn an
pology should be made for agaiu returning to he subject. And it is, bexides, a delioste toplo
onprone, with practical men, who woul wid. There is, peranps, nothing in which the










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More About Boiling Potatoes.
Eurcum Puxer - 1 noteon an antictin in your

 very Irshman or Irikhwoman known that po.
tatorn steend in water tor ten hourn woid
poil, wiro the y the beat ever krown. 1 have


 Our correspondent in, wo think, right, abont
Hoout the over-monkivg. But tho writer a the Fost did not name ten hours as a necen-






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