# Oragn 窭 Sentind. 

 FRANK KRAUSEJACKSONVILLF. OREGON. DECEMBER 8. 1883.
VOI. XXVIII-NO. 49

prysiclan and jurgaom

Omose apztirs in Orth's brick. Res

Attormey-athaw

A. L. Johnson,

Totary Pabio, Rea! Intato Agent an


## WILL. JACKSON,

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(1)
F. RITSGHARD,

"C" B. ROSTEL
Steam Bath
preetieal Shaving, Hairentting
ARTIPIGIALHAIR WORKEE
Gadies and Gentlemen.
bleeding
Cupping, Leeching,

## neyber's building.

 orposite THE ROST-OFFICE. Jeckoonville, Doc. 11, 187s66.․․


ATTUMBLE
AT NEWHAN FISHERS,
 Inve Jys rgegved 1 hats of all styles, $\underset{\substack{\text { REATHERS } \\ \text { FLOWERS }}}{\text { RAT }}$

$$
\begin{aligned}
& \text { ORNAMENTS, SILKS, LACES, }
\end{aligned}
$$

$$
\begin{aligned}
& \text { Eighteenth year } \\
& \text { fRE sisters or the holt yaxe }
\end{aligned}
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\begin{aligned}
& \text { MORAI \& CHALES }
\end{aligned}
$$

Thesionistic rear op ruis



the best accommodations
The Centennial Bridge


UNION HOTEL,
M, Ryder, Propr.

Greii Reduction
HOTEL PRICES
SLOVER HOTEL
BOARD Ah2 LODGIIG

Tuk propuyrns or vuis
 prye uines alwuys on hand. They
wit be ples ed to have their friends call
nid buile.
NOLAND \& ULRICH
U. S. SALDON,
T. T. McKENZIE, PROPIR,

Hyise Assump rue max
Wines, levors AND clanRs,
PILOT ROGX ROUSE
siskiyou mountain,


 ST, CHARLES HOTEL
(On the European Plani)

THOS. GUINEAN, PROP
(Late of the Arcaide, Sacramento.)
TLis botei is thoroughy fireprool. Con
nins
ingie roome elegntry which turaithed suitite and
and


8, P. HANNA,


Floar and Mill-Feed
BARLEY ROLIEERS.



Notice.

## s.

TUT'S HIIB DYE


Mr. Wimam גather who reprenents
igate the subiject of technical educe-
ion io other countries, uttered a preg.
ant truth in a speech resently do-
vered in Boston, when he declared thate "the hose of the fature, bothe of
England ond America, is in the chil. dren of the poorer classes." He, had
been speaking of the oxellent anvan-
tagee of such selools as the Mesese tages of such achools as the Massan
chusets ijatitute of teehology, but
caiwed that it was secessary to popalarize that aystem, of trianing by
bringing it within the reach of every boy and girl who expected to make a
loving by the use of the hands. Mr.
M policy of engrafting industrial training upon the common school system, but
he expressed the hope that before
many years all the large schools in the United States would have every need in the ase of tools as a part of their
$\qquad$
$\qquad$
$\qquad$
$\qquad$experimental schools already in
operation have been eminently suceess
ful, and wherever an opportunity habeen offered it has been gladly accept
York recently opened a school in that
eity for teaching trades of varioussessicn show, an attendance of two
hundred young men who have made
most gratifying progress in every de-
no available pressure could start it
again. In the avoiding of this ditis
culty consists the novelty of this syaat every two or three leng thas of a threeway-cock, with the une of two a lines of
hose, gives a perfect control and steadiness of the torec clown tho pipe suring
the whole operation. The hose is then官apper outlet, and the section of pipe is
sunk until the atached hose reachea
the ground, when another section is

A. new and great advance las been
mado in ainking deep-well pipes, my nado in sinking deep.well pipes, uyy
troon 100 to 300 feet in depth, in soil that will resist the sinking of tho
 now fowing; one of 187 feet in depth, wells of from 100 to 150 feet in depth,
trom which fows 100 . Irom which flows 100 gallons por
sinate, under a bead of 13 feet above the surface of tho groand
The wethod of sinking these wells ia by the boring power of water under
cressare, the pressure being obatired pressare, the pressure being obtaired
by a sto am pump; or in places where a steam pumy is not availablo a hand
fore pump answors the purpose. A pe
euliar feature was developesi in the exeuliar feature was developes in the ex-
periments made in perfecting this ss tem, and ube atern fact brougg to
light that a stream of wator foreed
$\qquad$
$\qquad$ roopen the passageafler stopping toput
on an additiona length of pipe; but
after getting down to greater depths
$\qquad$
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an open passage in an ascending cur-
rent has been observed in these experimens. A plumL bob apon a line was
dropped to a depth of 50 feet upor the the process of sininking and and again
thauled to the surface, showing that.
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$\qquad$ son, of North
tific Ameriean.

The following marriage in "tall"

JREGON SENTINEL
ADVERTIIING RATES

