

STATE JOTTINGS.

Too many carpenters have gone to Me...

Indiana is endeavoring to organize a...

A national bank has been organized at...

The B. & M. safe at Ulysses was blown...

A man arrived at Nishnabota, the other...

An elevator is to be built at Superior to...

Hogs are worth \$3.25 down in Okeo...

A herd of antelope scampering just out...

Emma Tramp, a Columbus young lady...

The Vance county agricultural society...

A mucking colt drew a gang plow at the...

The old soldiers living in the eastern...

A. S. Donaldson and his hired man...

The east-bound B. & M. express from...

A Kansas man came over the line on...

E. Walters, of Porter precinct, Richard...

Why a Pretty Waiter Girl Fainted—

Philadelphia Times

A very romantic scene took place...

After a few preliminaries, the new...

When Gertrude was revived, she beck...

though it is not common for Arabs and...

ARABI A DEVOUT MUSLIM BUT NOT A...

"He is a man of large physique and...

rather heavy features; but his eye...

looked as if it might flash fire were he...

was the greatest curiosity to see Arabi...

and I was placed opposite him at the...

table.

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"He is a man of large physique and...

tral gas man, which is supplied by...

pipes attached to the top of the re-

toris. The minute burner holes are so

arranged that they meet in pairs in an

oblique manner, and mingle in combu-

stion with jets of air which come

through one-and-a-quarter inch

holes in the feet of the fire box.

There are 548 of these jets in all. The

air holes are opened or closed wholly

or partially at will by undersides con-

trolled by levers from the engineer's

cab. Under the whole is constructed

an air chest, open forward, to secure

a pressure of air through the air-holes

during rapid motion, and also to warm

the draft and thus save the great heat

radiated downward from the fire. The

boiler is of ordinary pattern, and from

one hundred to one hundred and thirty

pounds of steam can be raised in

twenty minutes or even less time. The

stack emits no smoke but simply snow

white clouds of vapor. The new engi-

ne weighs forty-eight tons, and is

supplied with five foot driving

wheels and cylinders seventeen

by twenty-four inches. The engine

was first put to work with a heavy

freight train and performed most sat-

isfactorily. In a single day it was at-

tached to an east-bound passenger

train, consisting of four heavy passen-

ger cars well loaded, and made the

run between Paterson and Jersey City,

a distance of twenty miles, in one and

a half minutes less than the

schedule time. A large number of

scientific gentlemen and capitalists

were on the train and expressed satis-

faction with the performance of the

engine, as well as with its economy.

It is claimed for this new hydrogen-

burning engine that it is perfectly safe

as respects fire. The oil is confined

in a tank as strong as the boiler itself,

and is led to the retorts in streams

thicker than an ordinary stream of

water. The whole fire is ex-

tinguished as instantaneously as a gas

jet, and in the same manner, by sim-

ply shutting off both oil and steam at

once. Whether the new engine will

come into general use will greatly de-

pend on its economy. The cost of oil

for the trip between Paterson and Jer-

sey City amounts to \$2.10. This is

at the rate of 10.5 cents per mile,

the distance being twenty miles, but

it is claimed that even a greater econ-

omy can be reached.

Important Advance in Telegraphy.

Boston Herald.

It has remained for Albert L. Par-

celle, a skilled mechanic and talented

inventor, to produce a mechanism by

which the barriers to rapid and cheap

telegraphy are swept down, and

which, by simple application of the

principles, promise to entirely revo-

lutionize the telegraphy of the world.

His system is called "Harmonic Auto-

matic Telegraphy," and differs from

that in use by the Rapid Telegraph

company in two important points.

The first is an improved and abbre-

viated system of the alphabet, in

which position is used to the great

saving of characters and consequent

saving of time in preparing the copy

in the perforator. The second is the

employment of a system of sympa-

thetic resonance by which, with the

use of a single wire and unskilled

operatives, the same amount of work

which in the Morse system would re-

quire a large amount of skilled labor

can be accomplished.

Thus for the first time in the history

of telegraphy, the Morse alphabet and

system are done away with, as are also

the translating and transcribing by re-

ceivers.

The ordinary handling and delivery of

messages, by long or short, is rapidly

prepared in a perforating machine, fed

into the transmitter, and is instantly

reproduced in clear Roman letters on

sheets of paper ready to be sent by mes-

senger to the party addressed. The ac-

tual number of words sent, on an

average, by the American Rapid

Telegraph, is from 600 to 700 per minute,

while the lowest computations, made from

results obtained from an instrument

only partially completed, show a speed

by the new method of 5,000 words

per minute. A great advantage, too,

is that, being sent over a single wire,

the matter comes continuously and

is, therefore, free from liability to

error, as is often the case where sev-

eral wires are used for the sending of

a single dispatch. For press work the

new method will prove of inestimable

value, as by the use of this device one

column of the Herald can be perfor-

ated and sent over the wire, and

given to a messenger by the other

end of the line for the type