

CANT HELP TELLING.

No village so small,
No city so large,
From the Atlantic to the Pacific,
names known for all that is truthful,
all that is reliable, are attached to the
most thankful letters.
They come to Mrs. Pinkham, at
Lynn, Mass., and tell the one story of



physical suffering gained through the
aid of Lydia E. Pinkham's Vegetable
Compound.
The horrors born of displacement or
ulceration of the womb:
Backache, bearing-down, dizziness,
fear of coming calamity, distrust of
best friends.
All, all—sorrows and sufferings of
the past. The famed "Vegetable Com-
pound" bearing the illustrious name
Pinkham, has brought them out of the
valley of suffering to that of happiness
and usefulness.
In one advertisement alone we re-
cently published thirty testimonials
from women in one small town who
had regained health through its use.

IT SAVES YOU MONEY

As Well as Restoring Your Strength
and Giving You Health to
Enjoy Life.



The regulator on
Dr. Sanden's Elec-
tric Belt makes it
the most conveni-
ent belt in the
world to use.
Of all cures—real
and so-called—
none is so certain
in its effects as Dr.
Sanden's Electric
Belt. It is the
most successful
world to use.

WHEN YOU HAVE SQUANDERED YOUR
money feeding the quacks who live upon
such as you, it is hard to make you believe
that an advertised remedy is good. Some men
have a prejudice against anything advertised,
but surely the cures shown to have been per-
formed by Dr. Sanden's Electric Belt must com-
mend it to every sufferer. They prove that it
cures after all else fails. It would be better to
try this very simple and highly recommended
remedy before spending time and money with
drugs, because a fair trial of it will make it un-
necessary to use any other remedy. Dr. San-
den's Electric Belt costs no more than one
month's doctor bill, \$5, \$10 or \$15, according to
the power, and hundreds in this city say it is
worth ten times as much. Call and see it, or
send for the book "Three Classes of Men." It
is sent closely sealed by mail, free.

SANDEN ELECTRIC BELT CO.
253 West Washington St., Portland, Or.
Please mention this Paper.

State Agricultural College... OF OREGON

SCIENTIFIC EQUIPMENT
THE BEST IN THE STATE.
Military training by United States officer.
Twenty-two instructors.
Surroundings healthful and moral.
Free tuition! No incidental fees!
Expenses, including board, room, clothing,
washing, books, etc., about \$120 per school year.
Fall Term Opens September 20.
For catalogue or other information address
THOMAS M. GATCH, Pres.,
Corvallis, Oregon.

Portland Business College

A. F. ARMSTRONG, LL.M., Pres., J. A. WESCO, Sec'y
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Give profitable employment to hundreds of our graduates, and
will be thousands more. Send for our catalogue.
Learn what and how we teach. Verily,
A BUSINESS EDUCATION PAYS

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and Athletic Goods on the Coast.
SUITS AND UNIFORMS MADE TO ORDER.
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WILL & FINCK CO.,
518-520 Market St., San Francisco, Cal.

TAPE WORM expelled in from 17 minutes
to two hours with heat, requiring no
poisons or after treatment, such as fasting,
starving, dieting, and the taking of nauseous
and poisonous drugs, causing no pain, sick-
ness, discomfort or bad after effects. No loss
of time, meals, or attention from business.
SLOCUM'S TAPE WORM SPECIFIC has
never failed. Cure guaranteed. Over 6,000
cases successfully treated since 1885. Write for
free information and question blank. Address
Slocum Specific Co., Auditorium building,
Spokane, Washington.

VIGOR OF MEN

Easily, Quickly, Permanently Restored
Weakness, Nervousness, Debility,
and all the train of evils
from early errors or later
excesses; the results of
overwork, sickness, worry,
etc. Full strength,
development and tone
given to every organ
and portion of the body.
Simple, natural methods.
Immediate improvement
seen. Failure impossible.
2,000 references. Book,
"Explanation and proofs"
mailed (sealed) free.

ERIE MEDICAL CO., 65 NAGARA ST., N. Y.

DRUNK

DRUNK can be saved with
out their knowledge by
ANTI-DRUG, the marvelous
cure for the drunk habit.
All druggists, or write
to Erie Medical Co.,
FULL INFORMATION
GLADLY MAILED FREE.

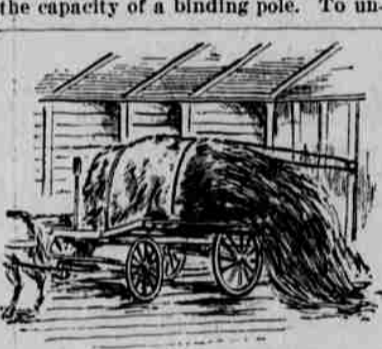


A Summer Milkhouse.
In the summer time a milkhouse
built like the one in the illustration is
very convenient. It is adapted to sit-
uations where there is no natural
spring; but where the water must be
pumped around the milk. A man who
has tried a small house of this kind
says of the one he built: It is 6 feet
square and 6 feet high at the eaves,
which is large enough for the milk of
two or three cows. The house is built
under a large grape arbor, about 20
feet from my kitchen pump. The milk
tank, which is 12 inches deep and 14
inches wide at the top, extends along
the north side. It has a screen cover,
which may be covered with cloth in



very hot or dusty weather. A table
with a shelf underneath occupies the
southeast corner. A space just above
the level of the tank, 2 feet wide and
extending on all sides of the house, is
covered with wire screen. Shelves
above the screen and below the tank
give sufficient room for milk and butter
dishes. The milk is set in pails. A gal-
vanized iron pipe leads from a small
tank at the side of the pump down 18
inches below the surface of the ground,
across the 20 foot space and up again
to the level of the milk tank. An over-
flow pipe at the other end of the tank
carries off the water after it has reach-
ed the proper height in the tank. An-
other pipe, at the bottom of the tank,
is used for emptying it when desired.

Handling a Bulky Fodder Crn.
In cutting ensilage or fodder, a lit-
tle work transferred from hand to
horse power often goes a great way to
lessen expense. In the illustration,
which is taken from Farm and Home,
a simple method is shown of unloading
fodder or hay. Two ropes about 50
feet long, depending on the length of
the rack and height of load to be
drawn, are used, one end of each being
fastened to the hind axle of the wagon.
They are then passed back and over
the top of the rack between the two
outer boards on either side. While
loading, the ropes may be brought
back under the outside of the rack and
fastened almost any place on the rear
part. When the load is completed, the
ropes are drawn over the fodder and
tied to the back of the rack, acting in
the capacity of a binding pole. To un-



load, fasten the ropes to a beam, and
with the team draw the wagon slowly
out from under the load. The first few
times may not always prove success-
ful, but with a little practice the wagon
may be unloaded in a few minutes.

Injury from Over Pruning.
Most of our American varieties of
grapes are very strong growers, and
will not bear the severe pruning to
which German and French vineyard-
ists subject their vines. We plant our
vines farther apart than do European
vintners, and must leave proportion-
ally more wood. As the vines grow
older it is generally found necessary
to take out alternate vines so as to let
each vine occupy twice the trellis space
originally allotted to it. Vines thus
treated are much less liable to mildew.
At the same time some root pruning
is advisable by cultivating more deep-
ly, and keeping the roots of the vines
where they will be less affected by
sudden changes of temperature that
usually precede attacks of mildew and
grape rot.

Pruning is Important.
The object of pruning for a single
year is never less than a serious injury
to any fruit tree. Without proper vigi-
lance dozens of shoots will spring out
and grow, to the injury of the tree, not
only for that season, but for a consid-
erable time after. "Thumbnail" prun-
ing is always the best, because it leaves
no wound that will not cover itself the
same season. Every observer can see
that this is true; but many orchards
show a neglect to apply the truth.

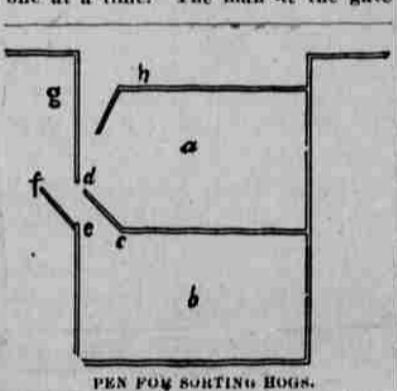
Profit in Bran Feeding.
Every time a farmer buys bran for
feeding his stock he also buys fertiliz-
ers. Bran and cotton-seed meal are
rich in all the elements required in the

soil, and the cost is repaid by the in-
crease in weight of the animals. If the
farmer can make the gain from the
animals pay for the feed there will be a
fair profit left in the manure heap.
But this profit is valuable according to
the manner in which the fertilizing
elements are preserved while in the
heap. It is in the management of the
manure that the profit is retained and
future crops increased.

Straighten the Stream.
It does not matter much how crook-
ed the little stream may be that meand-
ers through pasture lands. But if the
field is to be cut for hay, or especially
if it is desired to use the land for plow-
ing, it is important to have the brook
straightened, so as to take as little
room as possible. In many places a
straight, deep ditch, cut to lead off a
stream that only runs in the spring,
may be profitably turned into an under-
drain. A space a foot square each way,
with an even fall, will carry off an im-
mense amount of water. If large, flat
stones can be got for covering and
heavy stone for siding such a drain is
not expensive. The convenience of
plowing over it and the land saved will
make it pay.

How Plants Get Water.
The fact that in wet weather the soil
dries slowly even when covered with
plants that ordinarily drain the soil
rapidly, leads some to think that when
wet the leaves absorb moisture on
them. But the fact can be equally well
accounted for by the knowledge that
water on the leaves prevents them
from evaporating the moisture brought
from the soil by roots. This soil con-
tains some mineral elements which
unite with carbonic acid gas from the
air in forming plant tissue. While the
leaves are wet they cannot absorb car-
bonic acid gas. This with the effect
of stopping evaporation, makes the
sap growth which many, jumping too
quickly at conclusions, think must be
caused by the direct absorption of wa-
ter through the leaves.

For Sorting Hogs.
A sorting pen is most convenient
when a herd of hogs is to be divided.
Mine, says a correspondent of the Or-
ange Judd Farmer, is built alongside
a partition fence; and b represent the
two compartments. The hogs are
driven from the pasture through the
gates a and d into b. To sort them,
one man stands at a and operates the
gates c and e. Another man gets into
the pens and drives the hogs out,
one at a time. The man at the gate



turns them into the pasture, g, or into
the pen, a, as desired. If the hogs are
coming in a string three feet apart,
they can be put where wanted by sim-
ply swinging the gates. Recently we
started in with a bunch of about 100
and sorted out 55 in 15 minutes with-
out a mistake.

Fancy Farmers.
"Fancy farmers," or the owners of
"fancy" stock, are frequently ridiculed,
but it is due to their willingness to im-
prove stock and their persistency in ad-
hering to their belief in something bet-
ter than scrubs that the farmer is benefi-
ted. The man of capital goes on with
his improvement of stock, and may suffer
loss at first, but after a while he be-
gins to make profits, the farmers being
lifted up with him, as the farm on
which improved breeds are specialties
becomes a fountain source from which
superior animals are distributed in all
directions.

Farm Notes.
In all breeding defective points are
more easy of reproduction than desir-
able products.
One great help in killing out weeds is
not to allow any to mature seeds.
Look after this now.
The triple income from a flock of
sheep, wool, lambs and mutton come
in at different seasons.
System in feeding and breeding to
and for correct standard is essential
in the management of all stock.
Allowing weeds to grow is robbing
the soil of needed plant food and mois-
ture. Keep the weeds down.
A hog is not necessarily a filthy ani-
mal, and if he is to make meat for food
it is essential that he should be cleanly
raised.

Keep the young pigs growing during
the summer while on good pasturage,
and it will be much easier to fatten
them in the fall.
When wheat is to follow corn it will
lessen the work of seeding very mat-
terially if the cultivation of the corn
has been clean and thorough.
Cut wheat when the grain begins to
harden well, and shock up as fast as
cut. Wheat requires but little curing
and should be stacked soon after cut-
ting.
The sprouts which grow up around
the base of a tree from the roots should
be cut out as fast as they appear, as
they appropriate plant food that should
nourish the tree. They are also un-
sightly and destroy the appearance of
an orchard.

Growers who raise cucumbers for
market say the first crop from a par-
ticular field is better than any subse-
quent one. The soil becomes filled
with enemies of the crop and a change
is necessary. Some growers find it ad-
visable to take new soil every year.

HAD A VERY QUICK EYE.

**A Man Surprises Another Man Who
Writes a Letter.**
The typewriter was clicking away at
a great rate, and a man was sitting
near watching the flying fingers of the
operator. He was waiting to see the
attorney who was the employer of the
operator, and when the attorney final-
ly entered the visitor did not observe
his approach.

"Hello," exclaimed the proprietor of
the office, "what are you looking at
my typewriter so absorbingly for?
Have you been dreaming that he was
a lovely maiden in disguise, or some
other fairy story like that?"

"No," replied the visitor, "I was just
trying to realize how difficult a feat I
saw a man perform yesterday, down at
one of the hotels, where there is one
of the fastest operators in town."
"What did he do? Jump a board
bill?"

"No, that's easy. What he did was
different. A man who was with him
had some sort of trade on, I don't know
what, but just before they proceeded to
conclude it, the other man said he
wanted to write a letter to his partner
in Chicago. He had it already drafted
in pencil, and he took it over to the
far side of the writing room and hand-
ed it to the operator, saying to be care-
ful, as it was very important, and to
get it done at once. Then he joined
the other man, but before they began
talking a third party called the first
man aside for a short talk. As these
two talked, the operator at the machine
clicked at the letter, and the man who
was waiting for some reason, watched
the operator very closely as her fingers
flew over the keys.

"The letter was finished at least three
minutes before the talk was, and when
that was done the operator handed
the man the letter in an envelope duly
addressed and went back to her ma-
chine. The man put the letter in his
pocket just as it was handed to him.
"I hope you will pardon me," he said,
turning to the waiting man, "for so
much delay, but it was unavoidable.
However, I'm ready now to close with
you at the prices named."

"And I'd see you hanged before I'd
sell to you at any price," said the other
man in a suppressed tone, greatly to
the surprise of the man with the letter
in his pocket.

"In another minute there would have
been a fight on, but I rushed in, as did
another party, and in the excitement
the man with the letter got away and
disappeared. In response to our in-
quiries as to what it was all about, the
man told us that he had made a study
of training the eye to quickness, and
that he practiced it whenever he saw a
typewriter at work. He had so per-
fected himself in it that he could fol-
low the fingers of the fastest operator,
and he could read whatever he might
happen to be writing. In this case he
had done the same without thought,
because the man with whom he had
the trade on was engaged for the mo-
ment. Before he had read five lines of
the letter, however, he discovered that
the man was making arrangements
with his partner in Chicago to swindle
him out of \$5,000. It was a cold-blood-
ed case of steal, and the wonder to him
was that he hadn't hit the scoundrel
first and told him why afterward.

"That was all there was to it," con-
cluded the visitor, "except that we
tested him and found he could do what
he said, and now, if you don't think it
is a difficult feat, you watch your op-
erator as she flies along some time at
sixty words a minute, and see if you
can read the letters her fingers dance
among."—Washington Star.

"Sure Cures" for Hiccoughs.
For the common afflictions, such as
colds, everybody knows a "sure cure."
When it was announced that a New
Jersey farmer was dying of hiccoughs,
which had lasted a fortnight, though
the doctors tried fifty different medi-
cines, two or three scores of persons
wrote to volunteer advice. He was told
to inhale nitrate of amy; to drink the
juice of canned huckleberries; to rely
on the "faith cure"; and other odd
remedies were offered, for example:
Lie down, stretch your head back as
far as possible, open your mouth wide-
ly, then hold two fingers above the head
so high that you have to strain the
eyes to see them. Gaze intently upon
them, and take long, full breaths.
Drink vinegar, or warm pit of stom-
ach.
Eat a raw onion while drinking a
bottle of old stock ale.
I suggest that you do something to
make yourself sneeze.
Draw air into the stomach through
the throat.
Good drink of fresh, warm milk,
drink with breath at intervals.
Brandy and landanum at frequent in-
tervals, or very strong calamus tea.
Swallow a few jumps of butter slow-
ly.
Fortunately, the sufferer did not have
to take everything that the well-mean-
ing public proposed. He was cured by
eating a small dish of ice-cream.

Statistical Item from Texas.
It is estimated that 124,000 babies
have been born in Texas so far this
year. If all the colic they have suffered
could be gathered together in one pain
ten car loads of soothing sirup would
not be sufficient to relieve it. Estimat-
ing that each baby has been walked
twenty miles, it appears that the com-
bined distance walked has been 2,480,
000 miles. If one parent had been com-
pelled to do the walking for this in-
fantile crop of 1897 it would have been
necessary for him to average twenty
miles a day for 329 years eight months
and twenty-five days, and the distance
would have equaled ten times the cir-
cumference of the earth.—Galveston
News.

Snow at the Equator.
At the equator the limit of perpetual
snow is 14,700 feet.

Morphine Fiends in America.

A Parisian work on the morphine
habit says it is most prevalent in Ger-
many, France and the United States,
and, strange to say, that the medical
profession furnishes the largest number
of morphinists, 40 per cent. Men of
leisure come next with 15 per cent,
then merchants, 8 per cent. Of 1,000
fiends 650 were men and of the female
victims women of means furnished 43
per cent and wives of medical men 10
per cent.

NEXT TO AN APPROVING CON- SCIENCE.

A vigorous stomach is the greatest of mundane
blessings. Sound digestion is a guaranty of
quiet nerves, muscular elasticity, a hearty ap-
petite and regular habit of body. Though not
always a natural endowment, it may be acquir-
ed through the agency of Hostetter's Stomach
Bitters, one of the most effective invigorants
and blood purifiers in existence. This line
is also for those who use it against malar-
ia, and remedies biliousness, constipation
and rheumatism.

A magnetic well of great power has
been struck at Bowersville, five miles
south of Jamestown, Ohio. The well
was drilled 140 feet deep, and at this
depth the drill became so magnetized
that particles of iron clung to it.

DEAFNESS CANNOT BE CURED

by local applications, as they cannot reach the
diseased portion of the ear. There is only one
way to cure deafness, and that is by constitu-
tional remedies. Deafness is caused by an in-
flamed condition of the mucous lining of the
Eustachian tube. When this tube gets inflamed
you have a rumbling sound or imperfect
hearing, and when it is entirely closed deafness
is the result, and unless the inflammation can be
taken out and this tube restored to its normal
condition, hearing will be destroyed forever;
nine cases out of ten are caused by catarrh,
which is nothing but an inflamed condition of
the mucous surfaces.

We will give One Hundred Dollars for any
case of deafness (caused by catarrh) that cannot
be cured by Hall's Catarrh Cure. Send for cir-
culars, free.
F. J. CHENEY & CO., Toledo, O.
Sold by druggists.
Hall's Family Pills are the best.

We excuse our selfishness by assum-
ing our greater need.

Piso's Cure for Consumption is our only
medicine for coughs and colds.—Mrs. C.
Belz, 438 5th ave., Denver, Col., Nov. 8, '90.

John Pratt wore at his funeral in
Holden, Me., the other day, a fine pair
of calfskin boots made for him in 1862
and worn every Sunday since.

August 31st

is the last day of the \$1000
missing word contest.
**Schilling's Best tea is
wonderfully fresh and fine.**

Rules of contest published in large
advertisement about the first and middle
of each month.

Nicola Tesla, the electrician, says
that he has practically perfected an ap-
paratus by which telegraph messages
may be sent without wire. He pro-
poses to give a demonstration of his
mastery of the electric currents.

Paris harbors a widow, Mme. Jules
Lebandy, who inherited from her hus-
band \$25,000,000. As she disapproves
of the way in which he made his for-
tune, she refuses to use it contenting
herself with an income of 6,000
francs.

WHEAT Make money by suc-
cessful speculation in
Chicago. We buy and
sell wheat there on mar-
gins. Profits have been made on a small
beginning by trading in futures. Write for
full particulars. Best of reference given. Se-
veral years' experience on the Chicago Board of
Trade, and a thorough knowledge of the busi-
ness. Dowling, Hopkins & Co., Chicago Board
of Trade Brokers. Offices in Portland, Oregon,
Spokane and Seattle, Wash.

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structors, 27 students. Location beautiful,
sightly, in the suburbs, with all the advantages
of a great city and none of its disadvantages.
Free from saloons and immoral places. Board-
ing halls connected with school. Government
aid but firm. Expenses for year from \$100 to
\$200. School opens September 21, 1897. Cata-
logue sent free. Address,
THOS. VAN SCOY, D. D., University Park, Or.

CHILDREN TEETHPAIN Mrs. Winslow's
CHILDREN TEETHPAIN should always be
used for children teething. It soothes the child, soft-
ens the gums, always kills pain, cures wind colic, and is
the best remedy for diarrhoea. Twenty-five cents a
bottle. It is the best of all.

RUPTURE and PILES cured; no pay un-
less cured; send for book. DR. MASTERS
& FORTNEY, 225 Market St., San Francisco.
N. P. N. U. No. 35, '97.

WHEN writing to advertisers, please
mention this paper.

AN OPEN LETTER TO MOTHERS.

WE ARE ASSERTING IN THE COURTS OUR RIGHT TO THE
EXCLUSIVE USE OF THE WORD "CASTORIA," AND
"PITCHER'S CASTORIA," AS OUR TRADE MARK.

I, DR. SAMUEL PITCHER, of Hyannis, Massachusetts,
was the originator of "PITCHER'S CASTORIA," the same
that has borne and does now bear the fac-simile signature of *Chas. H. Fletcher* on every
bear the fac-simile signature of *Chas. H. Fletcher* wrapper.
This is the original "PITCHER'S CASTORIA," which has been
used in the homes of the mothers of America for over thirty
years. LOOK CAREFULLY at the wrapper and see that it is
the kind you have always bought *Chas. H. Fletcher* on the
and has the signature of *Chas. H. Fletcher* wrapper.
No one has authority from me to use my name except
The Centaur Company of which Chas. H. Fletcher is
President.

March 8, 1897. *Samuel Pitcher, M.D.*

Do Not Be Deceived.
Do not endanger the life of your child by accepting a cheap substitute
which some druggist may offer you (because he makes a few more pennies
on it), the ingredients of which even he does not know.

"The Kind You Have Always Bought"
BEARS THE FAC-SIMILE SIGNATURE OF

Chas. H. Fletcher
Insist on Having
The Kind That Never Failed You.
THE CENTAUR COMPANY, 77 NUNN STREET, NEW YORK CITY.

"A perfect type of the highest order of excellence in manufacture."
**Walter Baker & Co.'s
BREAKFAST COCOA**
Absolutely Pure—Delicious—Nutritious.
Costs Less than One Cent a Cup.
Be sure that you get the
genuine article, made at
DORCHESTER, MASS.
...By...
WALTER BAKER & CO. Ltd.

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PROFIT
Power that will save you money and
make you money. Hercules Engines
are the cheapest power known. Barn
Gasoline or Distillate Oil; no smoke,
fire, or dirt. For pumping, running
dairy or farm machinery, they have no
equal. Automatic in action, perfectly
safe and reliable.
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**Hercules Gas
Engine Works**
Hercules Special
(2 1/2 actual horsepower)
Price, only \$155.
Bay St., San Francisco, Cal.