

**CAN'T 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 salvation 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.

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. Sanden'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 \$130 per school year.

Full Term Opens September 20.  
For catalogue or other information address  
**THOMAS M. GATCH, Pres.,**  
Corvallis, Oregon.

**Portland Business College**  
... Portland, Oregon ...

A. F. ARMSTRONG, LL.B., Prin. J. A. WESCO, Sec'y  
**THE BUSY WORLD OF BUSINESS**  
gives profitable employment to hundreds of our graduates, and  
will to thousands more. Send for our catalogue.  
Learn what and how we teach. Verily,  
**A BUSINESS EDUCATION PAYS**

**BASE BALL GOODS Special Rates TO CLUBS.**

we carry the most complete line of Gymnasium  
and Athletic Goods on the Coast.  
**SUITS AND UNIFORMS MADE TO ORDER.**  
Send for our Athletic Catalogue.

**WILL & FINCK CO.,**  
515-520 Market St., San Francisco, Cal.

**TAPE WORM** expelled in from 17 minutes  
to two hours with head, requiring no  
previous 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 detention from business.  
**SLOCUM'S TAPE WORM** Specific has  
never failed. **Cure guaranteed.** Over 5,000  
cases successfully treated since 1883. 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 of  
excess; the results of  
overwork, sickness, war-  
ry, etc. Full strength,  
development and tone  
restored to every organ  
and portion of the body.  
Simple, natural method.  
Immediate improvement  
seen. Failure impossible.  
2000 references. Book  
explained and proofs  
mail sent, free.

**FRIE MEDICAL CO., BUFFALO, N. Y.**

**DRUNK**  
can be saved with-  
out their knowledge by  
**ANTI IAS,** the marvelous  
cure for the drunk habit.  
All druggists, or write  
for explanation and proofs  
mail sent, free.

**DRUNK**  
can be saved with-  
out their knowledge by  
**ANTI IAS,** the marvelous  
cure for the drunk habit.  
All druggists, or write  
for explanation and proofs  
mail sent, free.

**DRUNK**  
can be saved with-  
out their knowledge by  
**ANTI IAS,** the marvelous  
cure for the drunk habit.  
All druggists, or write  
for explanation and proofs  
mail sent, free.

**FARM AND GARDEN**



**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

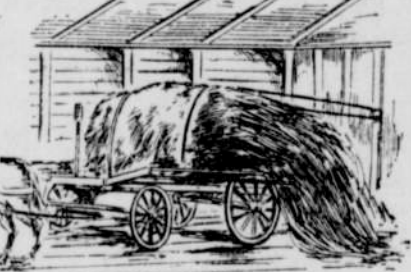


SUMMER MILKHOUSE.

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.

**Heading a Bulky Fodder Crook.**

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-



UNLOADING FODDER MADE EASY.

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 proportionally  
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,  
and 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.**

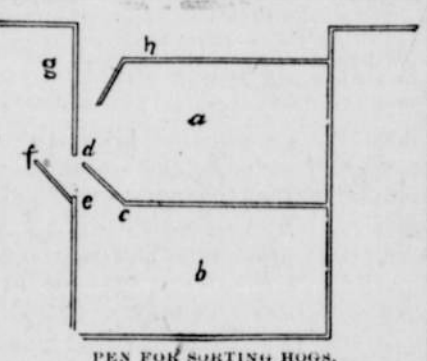
It does not matter much how crook-  
ed the little stream may be that meand-  
ers through pasture lands. But if the  
field is to be cut for hay, or especially  
if it is desired to use the land for plow-  
ing, it is important to have the brook  
straightened, so as to take as little  
room as possible. 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; a and b represent the  
two compartments. The hogs are  
driven from the pasture through the  
gates at a and d into b. To sort them,  
one man stands at d and operates the  
gates d e and f e. Another man gets  
into the pens and drives the hogs out,  
one at a time. The man at the gate



PEN FOR SORTING HOGS.

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 persistence in ad-  
hering to their belief in something bet-  
ter than scrubs that the farmer is bene-  
fited. The man of capital goes on with  
his improvement of stock, and may sur-  
fer loss at first, but after a while he  
begins to make profits, the farmers be-  
ing 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 ma-  
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 finally  
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 steel, 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 laudanum at frequent in-  
tervals, or very strong calamus tea.  
Swallow a few lumps 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 339 years eight months  
and twenty-five days, and the distance  
would have equalled 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 fine  
tonic also fortifies those who use it against ma-  
laria, 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, etc.  
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.  
Beltz, 439 8th ave., Denver, Col., Nov. 8, '93.

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. Sev-  
eral years' experience on the Chicago Board of  
Trade, and a thorough knowledge of the busi-  
ness. Downing, Hopkins & Co., Chicago Board  
of Trade Brokers, Offices in Portland, Oregon,  
Spokane and Seattle, Wash.

**PORTLAND UNIVERSITY**

LITERARY,  
normal, busi-  
ness, musical,  
art, theological and preparatory courses. State  
diplomas for normal course. Twenty-eight in-  
structors, 37 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 FEETHING**

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

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 *Charles H. Pitcher* on every  
bear the fac-simile signature of *Charles H. Pitcher* 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 *Charles H. Pitcher* on the  
and has the signature of *Charles H. Pitcher* wrap-  
per. No one has authority from me to use my name except  
The Centaur Company of which *Charles H. Pitcher* 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

*Charles H. Pitcher*  
Insist on Having  
The Kind That Never Failed You.  
THE CENTAUR COMPANY, 27 MURRAY 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.

**POWER  
...FOR...  
PROFIT**  
Power that will save you money and  
make you money. Hercules Engines  
are the cheapest power known. Burn  
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.  
Send for illustrated catalog.  
**Hercules Gas  
Engine Works**  
Hercules Special  
(2 1/2 actual horsepower)  
Price, only \$185.  
Bay St., San Francisco, Cal.