Hood's Sarsaparilla Is the best-in fact the One True Blood Purifier

Hood's Pills cure all liver ills. Mounts.

Don't form an opinion until you have heard both sides.

Editor of Bryan's Paper. Mr. Geo. W. Hervey, editor of the Ome-ha Weekly World-Herald, writes: "For years I was troubled with indigestion so severe as to make it impossible to take more than two meals a day without intense suffering. I tried three of the best physicians in the state but they failed to give me relief. I chanced to get Dr. Kay's Renovator and before I had taken a 25 cent box I had an improved that tox I had so improved that I was taking three meets a day, which I had not done for years. I continued its use and it has been eight month; since I used it and I now have no symptoms whatever of my old trouble." If you have any disease write us giving your symptoms and we will send free effects by our physician and a valuable 68 page book with 56 recipes giving various methods of treatment and a free sample of Dr. Ka; Renovator. Address Dr. B. J. Kny Medical Co., (West-

A bumble bee can distance a locomotive going twenty miles an hour.

ern Office) Canaha, Nut.

It Keeps the Foot Warm and Dry And is the only cure for Chilblains. Frostbites, Damp, Sweating Feet, Corns and Bunions. Ask for Allen s Foot-Ease, a powder to be shaken Shoe Stores, 25c. Sample sent FREE.
Address, Allen S. Olmsted, LeRoy, N.Y.

A truthful child is mother's crown Try it in place of coffee. 15 and 25c. of comfort.

Educate Your Bowels With Cascard Candy Cathartic, cure constipation forever 10c, 25c. If C.C.C. fall, druggists refund money

A "realistic" novel is an exposure of its author's itching palm.

To quit tebacco easily and forever, be magnetic, full of life, nerve and vigor, take No-To-Bac, the wonder-worker, that makes weak men strong. Alldruggists, 50c. or \$1. Cure guaranteed. Booklet and sample free. Address Sterling Remedy Co., Chicago or New York. Smoke Sledge Cigarettes, 20 for 5 cts Minutes are the mosaics of time, the ages are those of eternity.

# FARM AND GARDEN, my aplary and discovered some bees The renders of this paper will be pleased to learn that there is at least one dreaded disease that science has been able to cure in all its stages and that is Catarrh. Hall's Catarrh Cure is the only positive cure now known to the medical fraternity. Catarrh being a constitutional treatment. Hall's Catarrh Cure is taken internally, acting directly upon the blood and mucous surfaces of the system, thereby destroying the foundation of the disease, and giving the patient strength by building up the constitution and assisting nature in doing its work. The proprietors have so much faith in its curative powers that they offer One Hundred Dollars for any case that it fails to wars. Bend for list of Testimonials. Address F. J. CHENEY & Co., Toloke,

MATTERS OF INTEREST TO AGRICULTURISTS.

Windmill Science. Mr. Hubbell, at an irrigation conven-

In mechanics the basis of all caiculations is upon the mechanical horse power which is the equivalent of 33,000 pounds lifted one foot in one minute's time yielding 33,000 foot pounds. All windmills are given by the manufacturer a certain horse power equivalent, this capacity being predicted upon what the windmill is capable of doing in a wind of twenty miles per hour, and which is, by the way, a good stiff blow,

and by far a stronger wind than generally prevails. A more conservative average upon which to base rour calculations for general purposes, is not to ex-ceed an average of more than fifteen miles per hour, it is here proper to say that a windmitt of any diameter has greater or less power as the square of the velocity of the wind in miles per hour, and therefore a mill which would develop three horse power in fifteen miles per hour would have but one and. one-third horse power capacity when the wind was blowing at the rate of ter miles per hour. The square of 15 is 225, the square of 10 is 100. A mill of any diameter will handle a greater or less quantity of water as the verticle height of discharge in feet is decreased or is increased; for instance, a mill that will raise 100 gallons of water per minute fifty feet vertically, will lift 200 gallons per minute twenty-five feet vertically, or the same mill will lift fifty gallons per minute 100 feet vertically. A cubic foot of water weighs approximately sixty-two and one-half pounds and contains approximately seven and one-half gallons, a gallon of water weighing about eight and one-third pounds. It will be of great personal assistance if you will remember that the pumping of water is a simple mechanical problem, and acquire the habit of reducing the quantity of water to be handled to so many foot pounds. If you will do so it will save you from serious disappointment. Perpetual motion has not yet been discovered. Remember above all things one pound of

stance, lifted one foot vertically in one

minute's time, or equivalent, requires

a mechanical force of one foot plus

the friction which is due to the means

employed. You can lift yourself over

the fence by your boot tops just as

by various persons concerning their

ability to eliminate friction, and that

by this means, or that means they can

discharge a given number of gallons of

water per minute a given number of

feet vertically with less power that can

be done by any other means of exactly

ought not to take any person long to

make up his or her mind than the per-

son making any such statements de-

liberately deceives himself to say the

least. Along this same line of thought

it is proper to state that exaggerated

ideas prevail to what can be accom-

plished by the wind for various power

purposes. The pressure of the atmos-

phere at the sea level is but 14.7

pounds per square inch. When the

wind is blowing at a velocity of twenty

miles per hour, such a wind exerts a

pressure of but two pounds per square

foot of surface exposed. Therefore the

power of a windmill is necessarily lim-

for this purpose they can be success-

ervoirs of ample capacities.

and the result is .2275.

ble or instinctive.

Frenks and Eccentricities in Bees.

to accept a queen, or queen-cell, and

even refuse to nurse young brood.

roung brood ready for the main early

the same principle in every detail. It

Trying to love is an absurdity: love any substance, no matter what sub-

### THE MAN WHO LIVED,

He should have been dead.

But he wasn't, because-

"There's nothing succeeds like success.", sing the formula for such a very valuable ment of the man was should be dead, who isn't dead, but who would be dead, but for a preserving medicine. That's about the way it seemed to strike Editor Lawrence, of the Oh.o Farmer, Cleveland, Ohio. He toral handy, on the desk, in the control of the Oh.o Farmer, Cleveland, Ohio. of the Oh.o Farmer, Cleveland, Ohio. He toral handy, on the desk, in the office, on was affected with one of those colds that inve, thousands of times over, enlipinated will have at hand a remedy that is capable

Keep a bottle of Dr. Ayer's Cherry Pcc-

Rold by druggists 75c. Hall's Family Pills are the best.

in the town to be killed.

In rensequence of a death from ydrophobia in Pisek, Bohemia, the

hydrophobia in Pisek, Bohemia, the local authorities ordered every dog

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, Massachi-

setts, was the originator of "PITCHER'S CAS-

TORIA," the same that has borne and does now

bear the fac-simile signature of CHAS. H.

FLETCHER on every 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," and has the signature of

CHAS. H. FLETCHER on the Wrapper. No

one has authority from me to use my name

except The Centaur Company of which Chas.

March 8, 1897. BAMUEL PITCHER, M. D.

St. Louis has 638,000 papeliation, and

Many People Cannot Drink

coffee at night. It spoils their sleep.

You can drink Grain-O when you please

and sleep like a top. For Grain-O does

not stimulate; it nourishes, cheers and feeds. Yet it looks and tastes like the

Get a backage from your grocer to-day.

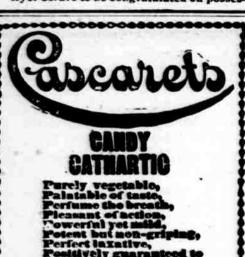
Adversity gives the great man

Don't Tobacco Snit and Smake your Life Room.

chance to show how great he is.

H. Fletcher is President.

the shelf or in the closet at home, and you will have at hand a remedy that is capable at any time of saving you suffering, money, and even life. There is no malady so prolific of evil results as a neglected cold. There is no malady so prolific of evil results as a neglected cold. There is no malady so prolific of evil results as a neglected cold. There is no malady so prolific of evil results as a neglected cold. There is no malady so prolific of evil results as a neglected cold. There is no medicine so promptly effective in curing a cold and absolutely eradicating its effects, as Dr. Ayer's Cherry Pectoral. Every traveller should carry it. Every household should keep it. It cures every variety of cough, and all forms of lung and throat trouble. Asthma, bronchitis, croup, and whooping cough, are promptly cured by it. and it has in many cases overcome pulmonary diseases in aggravated forms, when all other remedies failed to help and physicians gave no hope of cure. Those who for convenience have wanted a smaller sized bottle of Dr. Ayer's Cherry Pectoral, can now obtain it of their dealer in half size bottles, at half price—50 cents. Send for Dr. Ayer's Curebook, and read more of the cures effected by this remedy. The book contains too pages, and is sent free, on request, by the J. C. Ayer Co., Lowell, Mass.



CURE CONSTIPATION or you can buy a box for soc, age, goe your drug store. Batisfaction guaranteed

Sterling Remedy Co. Chicago. Montreal. NowYork NO-TO-BAC fold and guaranteed to cure To

OATS Bushels WHEAT A Bushel How to grow Wheat at 40c a bt. and 231 bus. Oats, 173 bus. Barley, and 1600 bus. Potatoes per acro. See our great oat-alogue, mailed you with 11 Farm Seed samples. Piso's cure for Consumption has been a family medicine with us since 1865.—J. R. Madison, 2400 42d Ave., Chicago, Ills.

On the bosom of the mother rests he future of the world.

FiTS Permanently Cured. No fits or nervousness after first day is use of Dr. Kline's Great Nerve Restorer Send for FREE \$2.00 trial bottle and treating Dr. R. H. KLINE, Ltd., 931 Arch St., Philadelphia, Pa When you have nothing to do, never go after help.

TO CURE A COLD IN ONE DAY. Take Laxative Bromo Quinine Tablets. All Druggists refund the money if it fails to cure. 25c Knowledge puffs up. Wisdom lets

the wind out. Coe's Cough Balents is the oldest and best. It will break up a co'd quicker than anything clse. It is always reliable. Try it.

Friendship may soon die, but enmity never. To Cure Constipation Forever.

Take Cascarcts Candy Cathartic, 10c or 25c. f C.C.C. fall to cure druggists refund money. Purity opens the way to a world of

Star Tobacco is the leading brand of the world, because it is the best, upon receipt of this notice and 10c stamps.

Salzer Seed Co., La Crosse, Wis. w.e. Only one in height. Only one man in 200 is over six feet

#### FOR 30 DAYS MORE YOU CAN TRY IT FOR 25 CENTS. MATISM, NEURALGIA, LA GRIPPE

5 DROPS 's is the most concentrated and powerful specific known.
Free from opiates and perfectly harmless. Relief is
usually felt the very first night. We have letters of grateful praise from thousands
who have been cured by "5 DROPS," and who recommend it to sufferers. COD BLESS YOU ALWAYS.

Swanson Rheumatic Cure Co., Chicago. Dear Friends:—Yes, yes, I shall always think of you as my far away friends, and thank God for directing your adver isement to this place. Yes! oh yes! I will gladly tell the whole world what your "5 DROPS" has done for me. It found me racked with pain from head to foot day and might and I had dreadful sounds in my head. I could not eat, sleep mor rest. The doctors gave me medicine and it would stop the pain for a short time but it would even again. I could not have suffered much longer. At times I cared not what became of me, and my kidneys were in a very bad shape. Every doctor I want to told me I had so many different diseases in my body that it was difficult to tell where to commence. I could hardly get across the griedly I would take the agency if it were possible, but I am poor and have no way of traveling around it I should take ft. Gratefully yours, Mas. L. Wallace, McGregor, Iowa, January 8, 1886.

I CANNOT PRAISE "5 DROPS" ENOUGH. Swanson Rheumatic Cure Co., Chicago. Dear Sirs:—I thought I would write a statement of my case, as taken in August with Scintle Neuralgia, and was treated by two of the best physicia as of our counbut they did not help me any. But hapty for me I saw your "5 DROPS" advertisement and sent and ta bottle and it has cured me. I was very bad, could hardly get around at all, but now I can go any set. I cannot peaks "5 DROPS" enough for what it has done for me. I am very, very grateful for any you have done for me. Yours truly, Saran E. Wilson, Sprading, Kentucky, January 2, 1898.

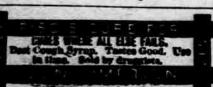
As a positive cure for Rheumatism, Sciatica, Neuralgia, Dyspepsia, Backache, Asthma, Hsy Fever, Catarrh, Sicepleasness, Nervousness, Nervous and Neuralgic Headaches, Heart Weakness, Toothache, Earache, Croup, Swelling, La Grippe, Malaria, Creeping Numbness, etc., etc., 61 FIVE DROPS '' has never been equalled. make a trial of its wonderful curative properties, we will send cut for thirty days more, 100,000 sample bottles, 25c cach, propaid by mail. Even a sample bottle will convince you of its merit. Best and cheapest medicine on earth. Large bottles (300 doses), \$1.00; for 30 days, 3 bottles for \$2.50. Not sold by druggists, only by us and our agents. Agents wanted in new territory. Write us to-day.



For maps, pamphlets, railway rates this country, enjoying exceptionally pleasant climate and continuous good

W. V. BENNETT, Can. Gov't Agent, New York Life Building, Omaha, Hob.

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storm buy the Fish Brand ter. If not for sale in your A. J. TOWER, Boston, Mass. le Free

CLEANALL—by letter! We should like to, and on application, send a sample free—to prove our case. For brass, bicycle enamel, silver, wood work, kitchen ware, rust on nickel and metal parts of farm implements it has no equal. Full size box, tie. CHALFANT NOVELTY CO. P. O. Box 663, Chicago, Ili.

copping and crawling on the grace in front of one of the hives. I went up closer, and found the prace for several what to do with apple trees that have been gind well by mice. Since this quespartially paralyzed bees dragging themselves almiestly about. "A case to the fearful destruction made so of paralysis!" exclaims the novice. No; the cause was a "balled queen." Bess often string each other in their scramble

to ball a queen, yet, strange enough, they do not sting the tueen. . I have seen a truant swarm leave the apiary and go straight to a hollow tree, and I have seen a swarm of bees leave the apiary with "business airs." and pass over fields and through a down short them as soon as the ground was covered, the illica would from eeds, two miles away. I saw one tract of timbered land in the vicinity this is not the question we are asked to swarm of bees pass through the largest of my apiary and settle on a fence near a farm house, and was taken in by the farmer. I had a swarm of bees take leave of my aplary—as though it was disgusted with such quarters, go a quarter of a mile, settle on a bush, be saved by making mud of clay, putthen break the cluster, and make a "bee-line" back to the aplary and settle on a tree:

t office saw a swarm of bees "hived" by what may properly be called an accident (?). The swarm was struggling in the air against a stiff gale, and a sudden gust of wind swept them to the ground near the entrance of an empty hive, and the hive acting as a "sound" ing heard" in response to the hum of their wings, the bees caught the sound and hived themselves. My observations have led me to believe that in a state of nature more swarms of bees find homes by the sense of hearing than in all other ways.

I once saw a swarm of bees in flight pass near the top of a large apple true, and the rear part of the swarm seemed to catch the sound from a hole in a dead limb of the tree, and made a rush for the hollow timb; while the main part of the swarm was evidently bent on going forward, but the loud 'hunc' at the hose in the limb prevailed, and the whole swarm attempted to enter a cavity in the limb too small to accommodate half of the swarm. I smoked them out and hived them.

I once had a swarm of bees to refuse to stay in any hive I put them into. Their craze was to locate and build comb on the limb they first settled on, and finally I let a part of the swarm try the experiment. They made a living until the honey season was over, and then starved out.

Bees do some things so wide of the mark of common sense that their acts are both amusing and astounding to a reasoning mind. The following is an example among many that might be

I sometimes leave on the hive a case of partially filled sections with honey, he will soon grow a fine new stem easily as you can get away from this law. A great deal is said to-day Well, in some way a large grey mouse got into one of the cases above the brood nest; and its escape was cut off by a full brood nest of lively bees below. It occurred to me that if those bees had stopped to reflect, they might have cleared a way down through the brood department to the entrance, and then sent a detachment of flerce young "buck" bees into the super, with instructions to shriek and yell after that mouse until, panic-stricken, he hied his way-hair and hide-down the cleared way to the open air, and thus summarily eject him as an obstreperous tenant. But they did no such thing. 'They maliciously murdered the intruder, and proceeded to reduce him to as nice, white, clean skeleton as any naturalist ever had the pleasure of adding to his

sandpapered. ited by the velocity of the wind and for I have seen a big bumble-bee slip inthis reason windmills can be used for to a hive when the portals were strongpumping water for irrigation or other ly guarded by vigilant warriors, and I purposes demanding large volumes of have seen him (?) led out by the ears | D. concludes to trust to sprouts let water to but a limited extent, and in all (?), after he had passed the guards into him reserve as many as three of the instances where windmills are utilized the dark interior of the live. Now let most vigorous so as to better balance some one ask the question, "Do bees | the root and top. I invariably retain fully used only in connection with res see?" along with the querry, "Do bees | three shoots, as each will aid to protect hear?" Such a blunder on the part of the other by shading the ground and the guards of the Czar's palace would | the trunks of each other. An acre of ground contains 6,272,640 cost them their heads.

collection of curiosities; "bone to his

bone," as clean and nice as if the whole

carcass had been boiled, scraped and

square inches. If one acre of ground be covered with water one inch deep. we would have a quantity of water I notice in the Stockman and Farmer equaling 27,155 gallons or what is query in regard to the cause of roup termed one acre inch. If the quantity and the way to cure the disease, etc., of water on the one acre be increased writes W. P. Perkins to National Stockto thirteen Inches, we would have what man and Farmer. The writer has been is called one acre foot, or 43,560 cubic actively connected with the poultry feet or 325,851 gallons of water. It is business for more than a decade, and conceded that in the semi-arid belt one he unhesitatingly says the best way to foot of water per acre is necessary to cure roup is to keep clear of the foul insure the growing, and it seems to be disorder. That is, prevention is pracestablished that this quantity of water tically the only satisfactory remedy. will be demanded principally in two It is well enough to talk about making months of the season. To irrigate ten cures, but most of the so-called cures acres of land requires, therefore, a toleave the birds all broken up constitutal of 3,258,510 gallons of water, and if tionally, and practically worthless. all is applied in the two months, it re-When I first began to keep fowls roup. quires an average of 1,625,250 gallons was a terrible trouble to me, but lately per month. Assuming that a windmill we do not have to worry much about; will work to its full capacity, ten hours the disorder; and this, I think, is the per day, thirty days per month, we experience of the majority of poultry would then need for the ten acres of keepers. A beginner is almost sure to ground an average of 5,431 gallons per get a good taste of roup the first fall hour, or 91 gallons per minute, or 9 1-10 and winter in which he practices poulgallons per minute per acre. Assumtry culture. It is so easy to neglect ing that this quantity of water must closing doors and windows and setting be lifted a vertical distance of ten feet. broken panes of glass, which, if not it would then require a mechanical done, means drafts of air upon the force of 91 (the number of gallons) birds while at roost, one of the most times \$1-3 pounds (the weight of one prolific sources of roup in existence. gallon of water) times 10 feet (the to-Foul air is almost as bad as a draft. tal vertical distance raised in feet), or Have effective ventilation, but do not 7.580 foot pounds, which divided by allow the air to blow upon the roosts. 32,000 foot pounds equals .229 net horse Feed wisely and be vigilant and therepower, or to determine the power reby avoid roup. juired by a short method, multiply the

aumber of gallons of water to be raised Champagnized Milk.-A process has per minute (91) by the total vertical been invented in France for the sterilneight raised in feet (10) and by the ization of all fermentable liquids by means of compressed oxygen. The constant .0002527 and we have the same esult-91x10x.0002527, equaling .229. liquids, in a closed vessel, are subject-Sufficient accuracy is possible by a still ed to a current of gaseous oxygen, proshorter method and which is one often portioned in volume to the quality and quantity of liquid to be sterilized. The sed: Multiply the number of gallens per minute by the verticle height in inventor claims that by this process feet, point off three decimals from the milk can be kept indefinitely. He is right, and divide by four; the quotient | enabled to prepare a very healthful and is a little less than the actual net horse | agreeable drink-"champagnized" milk. power. In the problem under consid- The milk must first be skimmed; then eration, the result by short method is the necessary sweetening and the de-\$1x10, equaling 910. Point off three fig- sired flavor added. The whole is placares from the right and divide by four | ed in a closed vessel and sterilized by a current of oxygen gas, then "champagnized" by the introduction of the necessary amount of carbonic acid gas. The result is a refreshing, healthful G.W. Demaree in American Bee Journal. The things that bees do out of the drink, which keeps fresh indefinitely .general order of things as pertains to Inter Ocean.

their well settled habits, I think are Farmers' Children.-It is to be reproperly called "freaks." Those of us gretted that so many of our brightest who have handled bees for years, and and best young people are seeking observed closely their habits, know other occupations than farming. Some that bees some times do things that of them, doubtless, are choosing aright. cannot be reconciled to the common But we believe that many who are golaws of reasoning, or instinct. Such ing to our cities and large towns, espeacts are freakish-sudden starts in cially those who are going from farms, action, governed by no laws, reasonawould do much better to give their time and labor to the cultivation of the I have seen a colony of bees virtually soil.—Practical Farmer. attempt to commit suicide, by refusing

Apple Scab Fungus.-Now is the time to spray for apple scab fungus. Some people would be glad to say, The experimenters say that the winter "Maybe they were too old," etc. But is the time when the work must be this cannot be, for I have wintered begun, if good results are to be expectmany a queenless colony, and made ed for the coming year or years. There them rear a queen and nurse brood are many mild days in winter that can until the hive was well stocked with be utilized for this purpose. The spores of the fungus are cast off in the fall and find their lodgement on the trunks and limbs of trees \_\_\_\_

AN AFFLICTED MOTHER. In a recent issue of your paper there From the Times, Paw Paw, Ill. appears a request for some one to tell A resident of this town who has lost two often by mice gnawing the bark off from young trees, I have thought it well to offer some suggestions of my own which may ar may not meet the views of all. In the first place it has onstrated in this case. He process of them, her health was shattered and slid life good a constant sufferer since 1890. Her principal troub's has been neuralgia of the ste nach which was very painful, and exitate the straight of them and had not, taken them two weeks when she noticed a marked improvement been through improper care or neglect that they have been thus injured. Had B. D. kept the surface clean about his trees for three feet of all seeds of trash, or even tramped the snow have given them a wide berth. But answer. It is not the "ounce of preventive" that appears to be asked for, but the pound of cure. If the trees have not been gnawed entirely around or

even slightly, and discovered soon be-

fore the wood dries hard, they can often

ting it dround and over the whole, wound, holding it there with some old

cloth or stove pipe. But when too far gone, I would advise a serious change.

In early spring, as soon as the earth

thaws out in April, cut the trees either

close to the ground or a little below the

injury and set in some choice variety

ed to be superior to the tree when set,

or at least would be now preferred by

three or four years ago. If the work

be properly done, he will lose but lit-

tle in time or value, but frequently will

find this a blessing in disguise. If his

gnawed trees were scrubby, crooked or

poorly trained, as very many are, he

can make a great improvement, and in

cure a much more desirable variety

than the tree dealer put off on him in

the start. If your variety is not strict-

ly hardy, be sure to put in a scion of

well known hardness. This will help

even a tender root. This is not the best

plan to make sure of a long lived tree,

but it is the best cheap way to repair

the evil. If the trees were as hardy as

Duchess or Hiberital their I would not

cut the stems any lower than just be-

low the injury, providing there is a

chance to retain the hardy stem or any

part. But, as a rule, mice gnaw trees

close to the ground, and it is very sel-

dom one can save even two inches of

the trunk, as mice never climb trees to

gnaw the bark except when shut in a

pile of trash that is often piled about

the stem in the fall or winter. Then,

as a rule, he had better mud up or

wait till early spring and graft close

down, say three inches, below the sur-

face, so when the scion is set it can be

trust to their sprouting from the stem.

This will save him from being hum-

bugged by some scheming grafter, or

let this furnish him a fine opportunity

to practice grafting, and if the scions

fail he will still have a chance on the

coming sprouts. I would trust to the

sprouts if the original tree was what

I now wanted and could not do the

grafting myself. But grafting adds an-

B. D. to go over his trees soon and ex-

amine carefully and such as appear

past recovery saw off close to the

ground and cover the stubs till wanted

to graft or to sprout in spring. Thou-

sands could have been saved in 1885

had we sawed out old tree off

before warm weather close to the

thus treated would have sent up vigor-

ous shoots and often been a great im-

provement on the original stem. If B.

Save the Feathers.

stuffing pillows, sofa cushions, and

other home conveniences, even where it

is not deemed worth while to sell them,

says Colman's Rural World. Geese

and duck feathers, being much more

valuable than others, should always be

preserved with care. Downy feathers

of hens and turkeys serve a very good

purpose and unless you wish to make

dusters of tail and wing feathers, the

soft, feathery portions of these may

be stripped off the quill and added to

the rest. Unless the flock is large, it

will take some time to secure enough

feathers to stuff even a cushion, and as

they are gathered from time to time,

they must be put into whole cotton

bags, tied securely so that no moth mil-

lers can enter, and placed for a short

time in a warm oven, to dry thorough-

iy. If hens are scalded before picking.

the feathers can be dried in a tin pan,

in a moderately warm stove oven. Re-

move all bits of skin, as they produce

an unpleasant odor hard to get rid of.

Feathers well cleaned answer very well

for bolsters, chair and soft cushions.

Farm Range

The range of a farm can be made of

great value to the farmer that keeps

fowls, for all together the food, of dif-

ferent kinds, spread over a 160-acre

farm is enormous. Bugs are always

present in far greater number than we,

suspect. All kinds of weeds and grass-

es drop their seeds, and these seeds

add to the food supply. Then, too, the

fowls eat a great deal of grass and

some varieties of weeds. It is far bet-

ter for the farmer to fence in the flow-

er garden and the vegetable garden

than-to fence in the flock. Give then

the range of the farm if they can be

ter to keep no lowis than to breed a

war with the next neighbor. The va-

riety of fowl will be of consequence

here. There are some varieties that

will be of no value for a wide range.

Some of them would not travel ten rods

from the house in any case. Choose,

therefore, some light breed, like the

Leghorns, when it is desired that they

Warm the Corn.-A good evening

meal of corn is good for the fowls cold

nights. Put it in the stove oven to

take off the chill before feeding. If it

is well charred occasionally it will be

all the better. It seems cruel to send

the fowls to the roost with a crop full

cover a wide range.

than any other grain.-Ex.

Poultry feathers should be kept for

EDSON GAYLORD.

ground. The greater share of trees

n her condition. She continued taking the in her condition. She continued taking the pills until reven or eight boxes had been consumed and the considered herself entirely cured. She can now eat all kinds of food, which is remething she has not been able to do for years. She is not troubled in the least with nervousness as she was during the time of her stomach troubles. The is now well and all lequise of Dr. Williams' Pink Fills for Pale People a complete cure has been made. of seions that you have recently learnthe nurseryman who started these omplete cure bas been made. If any one would like to hear more of the details of her suffering and relief gained by the use of Dr. Williams' P.nk Pills for Pale People they may be obtained probably, by writing the lady direct. She is the end lose very little and often seone of 807 well-known residents, Mrs. Ellen A. Oderkirk, Paw Paw, Ill. It takes; it is said, the tusks of

75,000 elephants ä year to supply the world's plano keys, billiard balls and knife handles.

Patent Pointers. Inventors in employing an attorney should be sure to note whether or not he is registered. The new law compels every attorney to register, but some attorneys who have been employing questionable means to promote their business have not been allowed to register, though some of them are still advertising themselves as solicitors. Be sure to note whether or ot in their advertisements it appears that they are registered attorneys. All inventors having neat models of their devices would undoubtedly profit in placing the same on exhibition in the section banked around with fresh earth as high of models at the Trans-Mississippi and as the third bud. If the root be good International Exposition to be held in Omaha for six months beginning next to supplement scant winter stores in that will often be much superior to the June. Inventors desiring information the trees were all he now desires, cut & Co., registered patent lawyers, Bee | more and Ohio railroad is erecting at off the stems close to the ground and building, Omaha, Neb.

> "Do you think there is any money n politics, Jimpson?" "You bet ...ere s. That's where all mine went."-Detroit Free Press.

lows Patent Omes Houses. DES MOINES, Ia., Jan. 29, 1899. The Hon. Benjamin Butterworth, Commissioner of Patents, died January 16, 1898. The United States patent other chance to save the tree, as such office at Washington was closed on the day of his funeral. The officials and stubs are more liable to fail to grow than are scions well set. Would advise employes gathered to honor the memory of their departed chief and with suitable remarks and resolutions ex-

ressed their grief. Ten patents were issued this week to Iowa inventors by the acting com-In the court of appeals Judge Morris

has recently given the following: "The fact that a party does not know that a rivar has entered the field is no excuse for delay, since the risk that a rival may appear at any time is something which every inventor is cound to contemplate and to anticipate and in this lies the fundamental reason for the requirement of due dill-

Valuable information about obtaining, valuing and selling patents sent free to any address. THOMAS G. ORWIG & CO., Solicitors of Patents.

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OH, WHAT SPLENDID COFFEE. Mr. Goodman, Williams Co., Ill. writes: "From one package Salzer's German Coffee Berry costing 15c I grew 300 lbs. of better coffee than I can buy in stores at 30 cents a lb." A package of this and big seed catalogue is sent you by John A. Salzer Seed Co., La Crosse, Wis., upon receipt of 15c stamps and this notice. w.n.c.

Pleasure soon palls when it costs Beauty is Blood Deep.

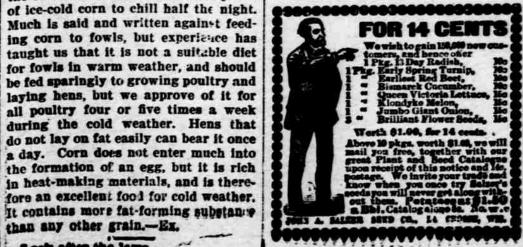
Clean blood means a clean skin. No beauty without it. Cascarets, Candy Cathartic clean githout it. Cascarets, Candy Cathartic cleans your blood and keeps it clean, by stirring up the lazy liver and driving all impurities from the body. Hegin to-day to banish pimples, boils, blotches, blackheads, and that sickly billious complexion by taking Cascarets,— beauty for ten cents. All druggists, satisfac-tion guaranteed, 10c, 25c, 50c.

Iron was made near Ironton, Mo., as early as 1816.

### kept off the neighbors' land. It is bet-

post yourself about the Gold Fields of the Yukon Valley, when to go and how to get there, write for a Descriptive Folder and Map of Alaska. It will be sent free upon application to T. A. GRADY, Excursion Manager C. B. & Q. R. R., 211 Clark Street, Chicago. 0-----

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far from being the wilderness we had

pictured it to be; it is, instead, a land having all the facilities required by

modern civilization, such as railroads, markets, stores, churches, schools, etc., in fact, an ideat home for those having

the future welfare of themselves and

The Messrs. Striovski selected the

Alameda district, but what they say

of it applies in a general way to most other districts in that vast country.

They speak of the fuel, which is to be

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that can be had by digging from 10 to

20 feet, and of the good grazing land

to be had almost everywhere. There is

plenty of wood for building timber and

for fuel, while coal is convenient, and

sells at low prices at the mines. In

driving through the country they

passed may fine patches of wild rasp-

berries, and say they can speak highly

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tion April 1.

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the temptation to stop and eat.

families at heart."

The odore

Striovski,



The Secretary of the Navy has domaid hore battleships, and there can be no doni hat Congress will consider his recommenda-ious. Protection is what our sea ports re uire, and fortifications will not adequate for merly residents of Michlgan, but now living in Alame-Western Canada, before faking by their home there visited the coulf-try of delegates. They reported to the Government of the Dominion of Canada the result of their observations, and from this report extracts have been taken, which are published below:

The John A. Salzer Seed Company. La Crosse, Wis., have shipped with-Been taken, which are published below:

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The tartars have a quaint custom of

taking a guest by the ear when invit-

ing him to eat or drink with him.

Tom Caser defeated Jack Stelzner in three rounds at Vallejo, Cal.

He-To-Rac for Fifty Conts Gonranteed tobacco habit cure, make men strong, blood pure. Sec. \$1. All dro

farmers throughout our trip we learned that the majority of them came here with very limited means, and some with the more than enough to bring them here; and they are now well-to-do. They all claim that this is The number of divorces to marriages in Japan is as 1 to 3.



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flow into buckets of four tons capacity, each placed upon movable platforms.

Derricks of a capacity of ten tons each will life the brokest. A capacity of ten tons each will life the brokest. A capacity of ten tons each will life the brokest. A capacity of ten tons each will life the brokest. A capacity of ten tons each will life the brokest. A capacity of ten tons each will life the brokest. A capacity of ten tons each will life the brokest. A capacity of ten tons each will life the brokest. A capacity of ten tons each will life the brokest. A capacity of ten tons each will life the brokest. will lift the buckets to the vessel. There will be sixteen of these patent drop bottom buckets and they will be handled by two of the latest steam revolving derricks, and these machines will give the plant a capacity of about

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