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PHYSICIAN SURGEON & ACCOUCHEUR

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DR. D. G. PEAT, V.S.

OFFICE next to Town Hall, Elgin
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Professional calls, day or night attended to
promptly. Phone No. 17.

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E. J. PURCELL

AGENT for the Royal, Monarch, Waterloo
& Mutual Fire Insurance Companies. Risks
promptly effected.
Office and residence, Henry Street, Athens

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NEW MUSIC STORE IN THE

Dowsley Block - Athens

AGENCY OF

GERHARD
HEINTZMAN...
MASON & RICHIE
NORDHEIMER...
ORME...
PIANOSAll kinds of Organs, Zonophones
small instruments, sheet music and
musical merchandise.Several second-hand pianos and
organs for sale at very low prices.
Agent for Singer Sewing Machines
and Magnet Cream Separators. You
are invited to call.

Nelson Earl

This May Interest You

We want a reliable man to sell our
well known specialties in fruit
trees, small fruits, seed potatoes, flower-
ing shrubs, roses, etc. in Athens and
country during fall and winter months.
Outfit free, exclusive territory, pay
weekly.

600 Acres of Nursery Stock

Clean, well grown trees and shrubs
that will satisfy your customers. Early
and good delivery guaranteed. Estab-
lished over 35 years. Write for whole
or part time terms.

Sales Manager,

PELHAM NURSERY CO.

Toronto

Scobell's Liquor, Tobacco

and Drug Cure. Permanently dis-
cusses Alcohol, Tobacco and Drugs. Tells how to
effects almost instantly—removes all craving.
After taking the treatment there will never be any
need to drink intoxicants or use drugs again. Can
be given secretly. We have yet to hear of one
failure. Mailed under separate cover to any ad-
dress. Price \$5.00 box, or 3 boxes for \$10.00. The
Scobell Drug Co., St. Catharines, Ont.

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quickly ascertain our opinion free whether an
invention is probably patentable. Communications
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PATENTS

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Write for our interesting book "Inven-
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Send us a rough sketch or description of your
invention or improvement and we will tell
you free our opinion as to whether it is
probably patentable. We make a specialty
of applications rejected in other hands.
Highest references furnished.

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PATENT SOLICITORS & EXPERTS
Civil & Mechanical Engineers, Graduates of the
Polytechnic School of Engineering, Bachelors in
Applied Sciences, Laval University, Members
Patent Law Association, American Water Works
Association, New York City.OFFICES: NEW YORK OFFICE, MONTREAL, OAK
ATLANTA, BOSTON, WASHINGTON, D.C.

A LULLABY

Hush! the waves are rolling in,
White with foam, white with foam,
Father toils amid the din,
But baby sleeps at home
Hush! the winds roar hoarse and deep,
On they come, on they come,
Brother seeks the wandering sheep,
But baby sleeps at home.
—J.D.S.

NEGLECT

To cleanse the system of undigested
food, foul gases, excess bile in the
liver and waste matter in the bowels
will impair your health. The best
system regulator is FIG PILLS.
At all dealers 25 and 50 cents or The
Fig Pill Co., St. Thomas, Ont.

SALE REGISTER

On Thursday, Jan. 11, George A.
O'Connell will sell by auction at his
farm, one mile west of Athens, 18
high grade Holstein cows, hens,
slaught etc. D. C. Healy, auction-
eer.CANADA'S FINEST ILLUSTRATED
MAGAZINEThat delightful illustrated magazine,
the "Canadian Pictorial," which is to
Canada what the "Illustrated News"
or the "Graphic" is to England, con-
tinues to improve with each year of its
existence. It is by all odds the best
printed magazine in Canada. While
Canadian pictures generally predom-
inate, plenty of illustrations are given
of events and scenes the world over, so
as to merit its claim to give News by
Views. Short complete stories, music,
and well edited departments add to the
interest. It is not only a beautiful
album of the highest work of the en-
gravers, but it gives much information
that the printed page unaccompanied
with fine illustrations simply cannot
convey.The quality of the photographs, the
exquisite enameled paper, and the
fine printing, cannot be fully appre-
ciated unless you actually see it, but to
quote Lord Strathcona, "it is undoubt-
edly a credit to Canadian journalism." The
Canadian Pictorial is issued
monthly by the Pictorial Publishing
Company, 142 St. Peter Street (Win-
nipeg building), Montreal, and the sub-
scription rate is \$1.00 a year. To
NEW subscribers for 1912, on trial,
only 65 cents.

Trees That Will Grow

When buying fruit and ornamental
trees, see to it that you buy of a firm
whose trees have the right sort of roots
and have been handled correctly in the
nurseries. Our trees will grow;
there is a reason.Take an agency, send for terms.
Outfit free. Thos. W. Bowman & Son
Co., Ltd. Ridgville, Ont.

CHRISTMAS APPEAL

FOR

The Hospital for Sick Children

Dear Mr. Editor,—
Thanks for your kindness in allowing
me the privilege of appealing at this
Christmas time on behalf of the
Hospital for Sick Children, Toronto.
I make this direct appeal to the
people of Ontario, for the fathers and
mothers of Ontario, outside the City of
Toronto, have precisely the same claim
for their sick children as regards the
privileges of the Hospital, as parents
who reside in this city.
In brief the sick children from any
place in Ontario whose parents cannot
afford to pay, is, on certificate from a
municipal officer of any city, town,
village or township, treated free.
This is a privilege not granted by any
Hospital in the Dominion, or on this
Continent.Let me, in a few words, state that in
the last 20 years, since 1891, there have
been 4,731 patients from 450 places
outside of this city treated free, as the
parents were unable to pay for treat-
ment. Last year 384 patients from 224
places outside Toronto were so treated.
The Hospital is not a city but a
Provincial institution. The Corporation
of Toronto grants \$18,000, not only for
city children, but towards the main-
tenance of every patient in the Hospital,
and the citizens of Toronto donate an
average of \$10,000 to the maintenance
fund of the Hospital.It would take more space than you
can spare to tell of the good work done
for the sick and deformed children of
this Province.Why, in the Orthopedic department
in 20 years, nearly 700 children, boys
and girls, have been treated for club
feet, and about 600 were corrected.
Two-thirds of these came from places
outside of Toronto, from parents who
could not afford to pay.Surely we have a fair claim for help
from the people of this Province.Every day is Christmas to the child
whose little life is saved, or whose
crippled limb is straightened with the
mercy of money—your money—and the
mercy of the Hospital.Will you, the reader of this letter,
think of what your dollar will do? It
helps to restore health and strength,
and gives sound limbs and straight feet
to crippled boys and girls.You give wealth to the Hospital, and
the Hospital gives health to the
children.Yes, your money can put golden
shoes on the door of the Hospital's
mercy.Will you, kind reader, help us and
send a check or money order to the
Hospital, orJ. ROSS ROBERTSON,
Chairman of the Trustees, Toronto.OTTAWA'S PURE BREED STOCK
SALEAn excellent chance to buy pure
bred beefing and dairy cattle will be
afforded farmers by the Eastern Onta-
rio Sales Association on January 19th
on the occasion of an auction sale of
select animals to be held in conjunc-
tion with the Ottawa Winter Fair in
the Fat Stock Show Building on the
Central Canada Fair Grounds. Con-
tributors of stock to this sale will not
be charged the customary \$4 and 3
per cent, as a Dominion grant enables
the Association to sell animals without
fee from the owner. Purchasers will
derive a greater advantage than they
had at any previous sale by the fact
that the animals to be offered in 1912
have all been inspected by a Dominion
Government expert, who rejected
everything but first-class stock. The
Executive will also refuse to accept
any animal not up to the standard at the
time of the sale. Information regard-
ing entries for the auction sale and
such like will be furnished all inter-
ested parties who apply to Secretary
E. McMahon, 26 Sparks St., Ottawa.Prescription for
Headache!If you should go to your family
physician and ask him for a prescription
for headache, and he knew the very latest
discoveries in medicine, he would pre-
scribe the ingredients of ZUTOO tablets.
Yet he might not get the happy com-
bination of the ingredients secured in
ZUTOO tablets after long trial and ex-
periment.
The ingredients of Zutoo Tablets
are prescribed for headache by the very
best physicians of the day.
Praised by all users, thousands gladly
testify to the merits of this reliable cure
for headache. 25c at dealers. Try it.LUMBERING
and
SAW-MILLINGI have established yards at
Washburn's Corners
and Glen Elbefor the receipt of logs, and am pre-
pared to buy all timber offered and
will also do custom sawing. Logs
will also be received at Parish's Mill,
Athens.

Sawdust for sale.

F. BLANCHER, Athens.

Steel Arches
Evaporators
Sugar Supplies

The Best By Test

Our arches and pans will save
you time and money.
Crumps run lengthwise of boiling
pan and are formed deep and close
together giving more steam generat-
ing surface with less fuel.
Equipped with automatic regula-
tors and floats complete.
Get our prices before placing your
order.W. F. EARL
ATHENS — — — ONTARIO

HARDWARE

The attention of
Farmers - and - Builders
Is directed to my stockShelf and Heavy Hardware
Paints and Oils
Glass and Putty
Gardening Tools
Spades, Shovels, Forks etc.All my goods are of the latest design,
the product of reliable manufacturers,
and will give good satisfaction.Choice line of cutlery and many
articles for the household.We ask only a fair price and in-
vite inspection of the values offered.
Open every evening.

W. G. JOHNSON

THERE are few improvements
possible which do more to make
farm life pleasant than an ice
house. Its stored blocks not only
make it possible for the farmer to in-
crease his profits by improving the
market value of his dairy products,
but also to enjoy the comforts of a
home supply of ice.It is so easy and inexpensive to have
an abundant supply of ice all summer
that it is really surprising that every
house is not provided with an ice-
house. The spread of concrete con-
struction on the farm has been fol-
lowed by the erection of such build-
ings in all parts of the United States
and Canada, and it is the purpose of
this article to give some suggestions
which may help those who have not
yet built, to plan their ice-houses.Concrete, being indestructible and
not easily penetrated by heat or cold,
is a splendid material for the walls.
It has the added advantage of being
comparatively cheap, since sand, stone,
gravel and water are usually available
on the farm, and the work can be
done by the farmer or his assist-
ants, at seasons of the year when
spare time is plentiful. Moreover,
concrete walls are not affected by the
continual dampness and do not
rot like wood. The saving in painting
and repairing, to say nothing of su-
perior ice-keeping qualities, in a few
years amounts to more than the
first cost of the concrete building.In determining the location of the
ice-house, a place should be chosen
where the building can be well
drained by an underground line of
drain tile. If possible, it should be
placed where the shade of large
trees, or larger structures, will
protect it from the heat of the mid-
day sun.
The concrete for the walls should
be made of 1 part of Portland
cement, clean sand and a hard
crushed rock or screened gravel.
Instead of the sand and rock, clean
bank-run gravel may be used.Naturally, the size of the ice-house
will depend upon the number of
pounds needed daily and the number
of days ice will be used. A cubic
foot of ice weighs about 57 pounds,
and a ton, with 10 per cent. allow-
ance for seams between the cakes, oc-
cupies 88 cubic feet. It is not neces-
sary to pack the ice between the
cakes, but on the floor, around the
sides of the building and on the top
of the ice there should be placed 12
inches of sawdust, well rammed. An
18-inch thickness of straw or marsh
hay may be used instead of the saw-
dust, provided it is well weighted
down on top of the ice. Making al-
lowance for sawdust packing and 8-
inch concrete walls, a house 10 feet
square (inside measurement) and 8
feet to the eaves, will hold 10 tons.In mixing the concrete a tight
wooden platform should be used.
The proportions are one part Portland
crushed rock, 15 cubic yards.
Crushed rock, 15 cubic yards.
Sand, 7 1/2 cubic yards.
Portland cement, 21 barrels, and
16 1/2 by 8-inch round head bolts.On an air-tight, heat-proof build-
ing:
On good drainage, with the drain
"trapped" to keep out warm air;
On careful and thorough packing of
the ice;
On well regulated ventilation in the
roof space over the ice.
A well-built concrete ice-house ful-
fills these conditions. Every year it is
ready for use without repairs. And
by means of ice, farm life can not only
be made more comfortable and at-
tractive, but fruit, poultry and dairy
products can be marketed to better
advantage.For an ice-house 10 by 10 feet, 8
feet to the eaves and 13 feet to the
roof peak, with 8-inch walls, 4-inch
floor, and a foundation 10 inches by
3 feet, the following materials will be
required for the concrete:
Crushed rock, 15 cubic yards.
Sand, 7 1/2 cubic yards.
Portland cement, 21 barrels, and
16 1/2 by 8-inch round head bolts.The roof may be covered with
shingles or any other good ma-
terial. Close the door opening, next
to the ice, with re-
movable sections
of boards fitting in
slots or grooves
and provide a door
swinging out. Hang
the little doors in
the gables with
hinges on the out-
side, so they may
be cracked to pre-
vide the necessary
ventilation and at
the same time keep
out the rain. Store
the ice as previous-
ly instructed.
Success in ice-
keeping depends
largely on the
advantages.The sheathing and rafters for the
wooden roof may be used in the
forms. It is not necessary to cut
them; their ends may simply be al-
lowed to project beyond and above
the walls.Foundation trenches should be dug
10 inches wide along the lines laid out
for the building and should be carried
down to solid ground and below frost,
usually three to four feet. Bring a
drain tile up within the building lines
to the point where the door will be.

Mixing.

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16 1/2 by 8-inch round head bolts.In measuring, count one bag
of cement equal to one cubic foot.The materials may be hauled to the
site at odd times, and piled so as to
be convenient for working.The wooden forms for the concrete
may be either fixed or movable. Fixed
forms are merely two boxes without
the bottom by timbers called "liners,"
top or bottom, which fit one within
the other with an 8-inch space be-
tween for the concrete. Such forms
are made of 2 by 4 inch studding
spaced two feet and sheathed next to
the concrete wall with 1-inch siding.
The forms should be held in place at
the bottom by timbers called "liners,"
and should be well braced. To save
lifting the concrete, the outside boards
may be nailed on as the concrete is
placed in the forms. Movable forms
require less lumber than the fixed
forms. Such forms are built in sec-
tions 2 to 4 feet high and in lengths
convenient to handle, usually 8 to 10
feet. The 2 by 4 inch uprights are
spaced three to four feet. Cross-cleats
are placed in the forms to keep the
forms eight inches apart. Near the
bottom twisted wire ties are used to
draw the forms up tightly against the
previous day's concrete work. EachAfter the building is a week old, the
forms may be removed and the 4-inch
concrete floor built directly on the
ground. Begin at the back of the
building and stop the floor 8-inches
from the foot in the direction of the
drain tile at the door.
Lay the last few
sewer pipes of the
5-inch drain with
well-cemented
joints and include
a tile known as a
"trap," having a
bend which always
contains water.
The water acts as
a seal to keep out
the warm air in
the drain. Cover
the floor end of the
drain with a trash
strainer.

The Roof.

The roof may be covered with
shingles or any other good ma-
terial. Close the door opening, next
to the ice, with re-
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