Keep Your Pigs Free From Worms

Through the Management of Brood Sows and Their Litters

will be likely to take only its right in addition to the drilling. share of the drugged slop. If any pigs seems to be taking more than its share tap it on the snout with a stick and so drive it awa, from the trough.

The correct doses of santonin are: Pig. one month old, two grains. Add one grain for each additional month of age, up to eight grains for pigs of seven months or over. -

Twelve hours later give the pigs Epsom salts in a large quantity of tepid milk or water to act as a physic. The doses of Epsom salts are: Pig, one month old 14 ounce; two months, 1/2 ounce; three months, % ounce; four months, one ounce; five months, 114 cunces; six months and over, 11/2 ounces. If the pigs do not care to take the water or milk confood, such as ground grain and middlings. The usual feed can be given one hour after the dose of Epsom salts. One does is usually sufficient, but if a second treatment wit santonin is thought necessary it may be given in 48 hours:

As soon as the medicines have ceased acting move the pigs into new, sanitary quarters, preferably on new seeding, and then let them graze green crops as long as available. Clover and alfalfa are the best grazing crops for pigs and all swine, and should be provided each year. Rotate the plots on which these legume crops are grown, so that there may be clean ground for each crop pigs. Oats and peas and Essex rape

As to the management of brood sows and their litters, that is most important, so that the pigs will not become infested with worms.

repare farrowing pens by scrubbing clean with hot water and concentrated lye, after removing all trash and loose equipment. Then disinfect everything by spraying with a mixture of one part of compound perty in the Temagami district is cresol solution and 30 parts of water, or one part of coal-tar disinfectant and 20 parts of water. Next, spray with freshly made limewash and finally flood the floor with the wash and put in clean bedding. Prepare the farrowing pen for each sow in that

Part Roots Play

That Have Deep Rootage

In gathering their food from the soil, plants must be given the opportunity to have an extensive root system The composition of dry matter, or that material in the common grains grown on the farm is made up of about three per cent. of materials taken from the soil by the roots of the plants and about 97 per cent. of materials made from what the leaves take from the air.

Notwithstanding the small proportion supplied by the roots, it is most important to consider, because it regulates the amount made from what the leaves take from the air.

It would be fair to say that for each three pounds supplied by the roots, the leaves can supply 97 pounds. If the roots can secure only a pound and a half where they once secured three pounds, the leaves will secure only the half of 97 pounds. If the roots are enabled to secure six nounds where they once secured but three pounds, the leaves are able to secure twice 97 pounds, and there is twice as much product. This shows the importance of the actions of the roots themselves, as well as the importance of supplying them with an

abundance of food materials. For the proper functioning of the plants a deep and extensive root system is especially important, and cultivation and fertilizing should be conducted with this end in view. During the grain forming period the roots are being impoverished of food materials, as these are being moved to the grain, and the function of water is to keep the plant in a living condition, that the leaves can function properly, and keep them from .drying out .- The water at this time carries no food, but a supply is a necessary for the plant as it is for an animal

Blondes react badly to dentist's gas, according to Dr. Donald Blachley in the British Medical Journal, such patients usually being prostrated after the administration.

FINANCIAL

E145

The most successful way of ex- ed a contract for a programme of Lale Mining Co. reports that diamond about early diagnosis. There has been a great deal written Many women with small growths, which about early diagnosis. There has been are not cancer, have had their breasts pelling intestinal worms of pigs is diamond drilling to be carried out drilling is being done north and to give them santonin in sloppy on the property in the Red Lake dis- slightly eastward along the Gold food in the evening. Divide the pigs | .rict, according to C. E. Powell, presi- Eagle line, intending to cut the exinto lots of 5 to 10, so that each pig cent. Surface work will be continued tension of the latter's ore zone. No.

> quartz vein recently disclosed on the disclosures on the Gold Eagle's 500-Golden Arm Mines No. 2 group of ft. level are reported within 200 ft. claims adjoining Rowan Hall Gold of the Rahill boundary. An advance Mines, Red Lake district, is being diam.ond drill hole cut ore within 50 continued and, according to company feet of the boundary. officials, blasting of the vein started on July 14th. The vein, which showed a width of 20 ft. of quartz were property in Sturgeon River area is discovered, now appears to be about well ahead of schedule, H. M. Par-50 ft. wide, it is stated.

Officials of Paulore Gold Clines on No. 2 vein on 200-ft. level, bringstate that the company is amply fin- ing present total length to 73 ft. anced for extensive exploration work Average value is .63 oz. and average on the two Red Lake properties. At width 11 inches. A further drive oresent operations are proceeding on westward is also being made on the both the north and south groups and 100-ft. level (No. 7 vein), and Mr. favorable results are being obtained Parrington expects, within two weeks, taining Epsom salts add some solid from preliminary work. Discovery of to reach the area where the No. 5 several new breaks paralleling the drill hole disclosed rich ore. Plans main occurrence is reported by Mine for a campaign of development on 35 | Ce Manager Morrison on the north claims adjoining Argesy Gold Mines group. Diamond drilling is now under- will be completed shortly. way on the main break with the first hole spotted to intersect the break at a point 100 ft. further west of former drilling.

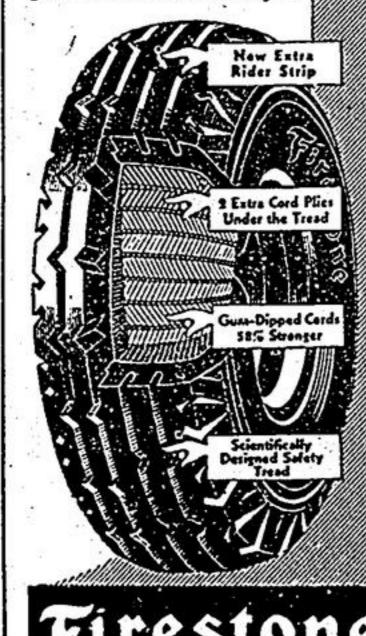
Darwin Gold Mines is opening up high-grade ranging from 1 to 10 oz. across a quartz width of 1 to 3 ft. in a second lens on the newly dscovered vein at the 6th level. The face was still in high-grade at last worz. Over 88 ft. of high-grade has n w been opened in the new vein in the past 6 weeks. The first lens west will also be found good pasture for of the Grace vein yielded 72 ft. of ore which ran \$64.95 over 3 ft. jury width. The second lens, east of the Grace vein, was cut July 6th and work has since been in high-grade has been opened up. In other sections of the mine further commercial ore has been opened up.

> The concentrating unit of the new plant at the Cuniptau Mines pronow in operation and is showing very satisfactory grade as well as satisfactory extraction, according to company officials. All units of the plant are ready for operation and production of high-grade matter started this week. Shipping and marketing arrangements have been made with a British house. Development work is continuing on two levels and the company has over two years' ore in sight. .

The shaft currently being sunk on the Kirkland Lake property of Glenora Gold Mines has reached a depth of 188 feet, officials report. The station for the 150-ft. level has been More Food Materials in Plants | completed and cross-cutting is proceeding to the vein.



Get the most tire value for your money. Buy Firestone - the tire that gives you all these extra safety features at no extra cost. Your nearest Firestone Dealer has a tire to suit every purse. See him today.



HIGH SPEED TIRES Selectioner smit

Monetary Metals Ltd. has award- | . The management of Rahi Red Essential Pacis. 12 drill hole at a depth of 308 feet

has intersected 8 feet of shearing tlal. Further exploration of the large heavily mineralized and the recent

> Development at Brengold Mines ring.on, mine manager reports. Anadditional 53 ft. drive has been made



What's so grand about a grand

The best of all shock absorbers is a sense of humor.

Unless a man has scored at least one failure he's unable to appreciate

So live that if you ever run for office not more than three-quarters of your campaign speakers will have to lie about you.

Mistress-Bridget, I told you to let me have a glass of hot water the very first thing every morning. Bridget-Sure, ma'am, and I did. brung it up and left it at the door last night, I did, so as you would and these patients were treated then by the family physician for haemorhave it in time this morning.

It is reported that campaign funds are so difficult to obtain this year speeches. If this is true, it will be one blew the public can bear up under very well.

Detective-Is, that loafer son of diagnoses were always practically the yours at home, Mrs. Murphy?

Mrs. Murphy-He's just gone for a ride with a couple of fellows that are going to give him a job, praise be. \ Detective-What's that you're saying about a ride and a job?

Mrs. Murphy-Well, I heard one of him for a ride to give him the works. any spinster.

The chief objection to getting something for nothing, is that it takes kind of a life you're living, he would so much more work than working for turn over in his grave.

Prospective Farm Buyer (from the city)-I suppose I'd better buy rolling land so the crops won't have any trouble rotating.

and contentment in this world if men didn't take their politics and women their religion quite so seriously.

First Farmer - I suppose your daughter takes settin' up exercises lot since she came home from takin

that physical culture course? Second Farmer-I should say so She sets up all evening and with a different boy friend every night.

WAKE UP YOUR LIVER BILE—

And You'll Jump Out of Bed in the Morning Rarin' to Go

The liver should pour out two pounds of fiquid bile into your bowels daily. If this bile is not flowing freely, your food doesn't digest. It just decays in the bowels. Gas bloats up your stomach. You get constipated. Harmful poisons go into the body, and you feel sour, sunk and the world looks punk.

A mere bowel movement doesn't always get at the cause. You need something that works on the liver as well. It takes those good, old Carter's Little Liver Pills to get these two pounds of bile flowing freely and make you feel "up and up". Harmless and gentle, they make the bile flow freely. They do the work of calomel but have no calomel or mercury in them. Ask for Carter's Little Liver Pills by name! Stubbornly refuse anything else. 25c.

Issue No. 30 — '36

The Diagnosis of Cancer By DR. J. E. HETT

607 Sherbourne St., Toronto 223 King St. E., Kitchener

Some out of every ten persons over the age of 35 years, the suffering is so terrible and indescribable, and such a great percentage of they have I have not seen them.

The age of 35 years, the suffering been given to the public before. If they have I have not seen them.

Many illusions.

Many women who are afraid of operations observations from the examination breasts removed by cancer pastes. If the process of hundreds of suffered the contracts of the public before. If they have I have not seen them. of the histories of hundreds of suffer-

nosis. I do not propose to go into any details and review these points, for they are almost all of the same call-bre, but I do desire to bring certain they are not they are almost all of the same call-bre, but I do desire to bring certain many, women have to endure such a tacts before the public which are essen- horrible torture for a harmless growth

The great extension of our knowledge of the finer diagnosis of malignant tumors, the perfection of surgical technique, the rapid advance in radiation therapy, the growth in modern service, constitute one of the outstanding achievements of twentieth century medicine, but all these agencies fall to sensibly affect the recorded death rate f.om the major forms of cancer. The reason is that these major diseases cannot be recognized at an early stage and, when recognized, are generally or always incurable. Dr. James Ewing is the most noted accordingly.

This is a very grave statement. Let the diagnosis of the growth determined us look at the records in Detroit, Mich.: o FIVE YEARS' CURES OF CANCER-RESULTS IN DETROIT HOSPITALS

Organ reast	Year 1927. 1928	Total Cases 385	Dead 233	Per Cent. Follow UP 85	Lost to Follow 59	Living Five Years 93	P.C. Living Five Years 24.7
ervix undus uteri	1929 1928, 1929 1928, 1929 1927, 1928	257 84 356	50. 351	. S2 . SS	45 10 4	. 34 24 1	13.2 26.6 0.3
eetum	1929 1927, 1928 1929	. 86	79	•••	1	. 8 .	7.0
olon — 'c. cae and sigmoid Page 460—Su	cum 1928, 1929	90	\$3	relos—Feb	15 193	5	6.5

cures at all, or, at least, but very few | inside of eight to ten minutes. A paare real cures. It means that the patients are still living. Suppose that we admit that these patients were not seen early. Surely a good percentage of these must have gone to their physicians when the disease was in the early stages, but the disease was not recognized. The importance of early diagnosis in my estimation, so very important

that, having seen so many mistakes by the family physician, and having discovered in the histories of so many patients that these patients were first treated for other conditions and that the true nature of their complaint was not recognized, it seems necessary for me now to present these facts. I cannot blame the family physician for not discovering cancer in many eases at an earlier date. The family physician in many cases does not see cancer until it is far advanced. We admit that, and, as a rule, he does not see many cases in a year, and is not

well acquainted with the various forms

which may appear in any place in the

Even Eludes the X-Ray. Some physicians, like the public, have an idea that, if the X-ray does not show cancer, it does not exist. Reabdomen and pelvis that existed, but the X-ray showed nothing. It is impossible on account of the location often : show cancer by X-ray. It also impossible in the early stages for the X-ray to show cancer even in good positions in abdominal cases.

Exploratory operations often-clear up

the diagnosis in abdominal cases. We

have seen numbers of rectal cases that were X-rayed which show d nothing. rhoids or mucous colitis, and numbers of patients were treated for anaemia. Had a proper physical and rectal examination been made these diseases would have been easily diagnosed. The important thing for an exac that there will be a sharp curtail- diagnosis is to remove a small plece of ment in the number of political the growth and have it sectioned in a pathological laboratory. I cannot stress the great importance of biopsy, and our pathologists are at present so efficient in their diagnoses that the possibility of making an error is almost nil. On numbers of occasions I have sent specimens to different laboratories and the

It is very important to women, so I nosis? That time must come, and it power traffic.

If you really want to know how the fellows tell Mike they was takin' children should be brought up, ask

Jerry-If your father knew what

Harry-Oh, no, he wouldn't. Jerry - You don't mean to infer that he would approve?

Harry-No, but he was cremated. Sunday School Teacher (severely)

-Willie, you shouldn't talk like that There might be a bit more peace to your playmate. Had you ever thought of heaping coals of fire on his head?

Willie-No, ma'am, I hadn't, but it's a peach of an idea!

A Scotchman swooned after paying for having his shoes shined because he happened to think that he had his brother's shoes on.

Blustering Customer - Now, no talk, please-I don't want any hair restorer, scalp invigorator, dandruff killer, or shaving soap. I want a shave only, no massage, rub-down or anything else. I'm not interested in boxing, racing, baseball, the stock market, or-

write it on this slate? He's deaf and lished roads have been laid in the dumb.

A woman is a person who thinks the greatest of all luxuries is plenty of hot water.

stores.

"The greatest boon money brings to any of us is the privilege of privacy." - Emily Post.

INCE CANCER causes the death of they should know. It is difficult

the cancers are far advanced, then ers may be of interest at the present there are no mistakes in diagnosis.
These patients are never cured by these methods: there are always recurrences. a great deal spoken over the radio as removed by the same method, and then regards the importance of early diag- they imagine they have had wonderful

which is not cancer should be brought James Ewing, in a paper given at the International Congress for the Prevention of Cancer, Madrid, Spain, 1933, ditions which were not cancer removed b. these methods in institutions at great expense and time. The public does not know these facts. In speaking of breast tumors, I am very sorry to say that many women have had a breast sacrificed which was not at all necessary.

How does this happen?"
A surgeon, if he does not find enlargement of one or more glands in the axilla, or nipple signs, cannot tell whether a small growth in the breast is malignant or not. Some surgeons decide to operate, and think that to be on the safe side it would be better to remove the whole breast, and operate authority on cancer in the United In the large hospitals at present quick-frozen sections can be made and

Year 1927.	1928	Total Cases 385		Dend 233	Per Cent. Pollow UP 85	Lost to Follow 59	Living Five Years 93	P.C. Living Five Years 24.7
1927.	and the second second	257 84 356		178 50. 351	. S2 88	45 10 4	34 24 1	13.2 26.6 0.3
	1928	. 86		79	***	1	. 8 .	7.0
cum	1929 Gyneo	90 cology a	ind	83 Obster	rics—Feb.	15, 193	. .	5.5
	1927. 1929 1928. 1928. 1927. 1929 1927. 1929 cum	1929 1928, 1929 1928, 1929 1927, 1928 1929 1927, 1928 1929 cum	Year Cases 1927, 1928 385 1929 1928, 1929 257 1928, 1929 84 1927, 1928 356 1929 1927, 1928 86 1929 cum	Year Cases 1927. 1928 385 1929 1928. 1929 257 1928. 1929 84 1927. 1928 356 1929 1927. 1928 86 1929 cum	Year Cases Dend 1927, 1928 385 233 1929 1928, 1929 257 178 1928, 1929 84 50, 1927, 1928 356 351 1929 1927, 1928 86 79 1929 cum	Year Cases Dead UP 1927, 1928 385 233 85 1929 1928, 1929 257 178 82 1928, 1929 84 50, 88 1927, 1928 356 351 1929 1927, 1928 86 79 1929 cum	Year Cases Dead UP Follow 1927. 1928 385 233 85 59 1929 1928. 1929 257 178 82 45 1928. 1929 84 50. 88 10 1927. 1928 356 351 4 1929 1927. 1928 86 79 1 1929 cum 1928. 1929 90 83 2	Year Cases Dead UP Follow Years 1927. 1928 385 233 85 59 93 1929 1928. 1929 257 178 82 45 34 1928. 1929 84 50. 88 10 24 1927. 1928 356 251 4 1 1929 1927. 1928 86 79 1 8 1929 cum

tient simply has the growth removed. and, while under a light anaesthetic, walts until a report is had from the pathologist. If the report is nonmalignant, the surgeon does not remove the breast. If malignant, the whole radical operation of breast is made. In country districts and the smaller hospitals where they have not a competent person to make the diagnosis of the frozen section this cannot be done.

Biopsy Service Necessary. Operations on the breasts of women, If the women do not want to sacrifice a breast and have a very extensive operation, should not be done outside of a large hospital where a quickfrozen section of the growth can

1 realize that this information not be gratefully received by surgeons where they have not less these are indisputable facts, and tley should be known. I am sure that many women would much prefer to have a minor operation and would not hesitate so much. The patient hesitates to have her whole breast removed and f that reason does not consult the family physician early. Considerable ink may be used in bringing to the attention of the people the great importance of early diagnosis, but when it is so difficult to make a diagnosis in many early cases; especially internal who have the least suspicion of having of this disease? In conclusion, I might state that

there is a Cancer Commission Fund of salt. Calcium chloride has been in \$120,000. Nould It not be a good plan to utilize a small. art of that money in having paid, well-qualified special- Its use in integrally mixed stabilized ists appointed by the Commission, examine any one who might suspect cancer or cases referred by the family opment and the use of salt still more physician as suspicious? Need of Cancer Clinics.

cer. there shoul" be a family history tards the evaporation of moisture sides all the other physical examination when the road is first laid, and the according to the location where cancer

may be suspected. The importance of experience in the agnosis of cancer is one of the great ish shrinkage and cracking of the

of the breast are malignant. The chance of error in diagnosis in many of these cancer clinics entirely for diagnosis in many of the cancer clinics entirely for diagnosis in many of the cancer clinics entirely for diagnosis in many

an important part in the agricultural in the dumb-bell tenements, fewer industry. For example, apart from breathing spaces, no rapid transit. The personal use, it is fairly well known city, in common with the rest of the that about a million and a half lbs. of salt are used annually in Canadian poultry and live stock feeds and over five million pounds in Canadian which a heat wave would pile up a fruit and vegetable preparations ev- good many years after 1876. Prosin making roads of the kind particu- deaths into the scores, were a comlarly beneficial to farmers is not so monplace. familiar. The use of salt in roadmaking is a Canadian idea which is eing widely adopted in other countries, as the result of experiments originating in the province of Nova

Following the experiments in Nova Scotia, laboratory work was carried out by the National Research Counil of Canada and by McGill University, and subsequently the amatter was taken up by the United Barber (working at the next chair) | States. During the past three years, -Excuse me, sir. Will you kindly considerable mileages of salt-estabprovinces of Ontario and Quebec, as well as in the United States. . .

These roads, which are essentially

REWARD" \$10.00

Consumers' societies in Sweden removed by the new Scientific Lloyd's Thymolated Corn Salve. This new salve removes corns and callouses in 3 to 5 days. Thymolated Corn Salve desensitizes corns and callouses with the first application. Send 45c for a large pack-LLOYD CHEMICAL LABORATORIES 72 Hubbard Blvd., Toronto, Dept W.





. His Eminence Cardinal Villeneuve at a recent rally of Quebec Catholic Scouts: "We must thank Lord Baden-Powell for founding the Boy Scout movement. There is no doubt that he is one of the greatest of psychologists, and must have understood boys perfectly."

Four hundred Niagara Falls Boy Scouts and 300 Girl Guides attended the annual open air Scout - Guide Sunday service at Queen Victoria Memorial Park. The boys and girls were addressed by Provincial Commissioner W. J. Cairns, and by G. Barrett Rich, of the National Council of the Boy Scouts of America.

A first aid station in Calgary's first house, an old log cabin, on St. George's Island, is being used on Sunday afternoons and other days biopsy service at hand, but neverthe- when large crowds are in the park, by an ambulance crew of the 4th

of the low-cost, secondary highway type, states A. F. Gill of the National Research Council, consist of a clay bond in admixture with coarse minerals so proportioned and graded as to give maximum density under cases, would it not be wise for people the compressive effect of traffic. The cancer to be examined by specialists properties of the clay are improved who see so many cases and all forms by an admixture of certain chemicals, notably calcium chloride and use for many years as a dust layer. roads is a comparatively new develrecent. Investigators claim that the In order to examin a person for can- salt has two major effects. It regrowth of salt crystals as the road eventually dries out tends to diminrequisites necessary to make an early clay bond. The latter is an import-We have excellent tubercular clinics ant feature as the elimination of

In the Good Old Days

Writes The New York Times .-New York City sixty years ago was a much more uncomfortable place in York Times reported a pleasant breeze tempering the 99 degrees of heat on July 10, 1876, but the city Directly and indirectly, salt plays had many more of its people living country, had a longer working day by several hours; and that helps account for the appalling casualty lists ery year, but the application of salt trations running up into the hundreds,

NORTH AMERICAN Land and Minerals, Ltd. Bought, Sold, Quoted

Send for Complete Analysis Regal Securities Corporation, Limited 45 Richmond St. W. CTHOROT

The Graphochart

Shows how to read character for any corn or callous that cannot be from handwriting, at a glance. 10c PREPAID

Graphologist Room: 421 73 Adelaide St., W. Toronto

North Waterloo Boy Scouts this! Calgary (Elk's Own) Scout Troop. summer are camping on their new | A 45-volume library of books on 65-acre camp site on the Grand | Scouting has been purchased by the North Bay Scout Association for the use of local Scout leaders.

> As a feature of plans to beautify the town of Lafleche, Sask., local Boy Scouts this spring assisted the Lafleche Board of Trade in the planting of over 1,000 trees along the

More than 600 Scouts of 26 troops and Cub Packs of Northwestern Tororonto took part in the annual district Scout Jamborce, held on the York Memorial Collegiate grounds. Shields for highest points were won by the 86th "A" Scout Troop and 90th Wolf Cub Pack.

The Scouts of Mervin, Sask., have assumed the duty of assuring sufficient water for spruce trees recently planted in the town's memorial park. The boys alternate on the job each

Classified Advertising

AUTO ACCESSORIES

NEW AND USED CAR AND TRUCK parts shipped everywhere. Satisfaction guaranteed or money refunded. Prompt attention to enquiries: Levy Auto Parts, Head Office, 735 Queen St. West, Toronto.

LADIES! LEARN HAIRDRESSING COMPLETE COURSE \$50. INCLUDES room and board. Jones' Hairdressing School, Listowel, Ont.

FILMS DEVELOPED

NY ROLL FILM DEVELOPED AND printed, 25c coin. Reprints, 10 for 25c. Windsor Photo Finishers, 102 Wellington St., Windsor, Ont.

EDUCATIONAL

DIESEL ENGINEERING - STUDY immediately; big field; new book now ready. Write today for circular, General Publishing Co., Toronto.

AGENTS ATTENTION

VING EDWARD'S BIRTHDAY, JUNE 23rd. Attractive photo buttons each. Tansey Co., 2194 Melrose, Mont-

HUSKY CHICKS PROM BIG EGGS 25 - 33 OUNCE EGGS SELECTED from our "own" blood-tested 5pound White Leghorn 2-year-old hens. Free catalogue. Gerald Hegadorn Poultry Farm, Route 3, Kingston, Ont.

INSECTS EXTERMINATED DEDBUGS' COCKROACHES. ANTS. moths, lice, ticks, guaranteed extermination with "Derpo". Puffer pack-

the summer temperatures. The New age: 85c. Druggists or Derpo Products, PROPERTY FOR SALE FURNISHED "HOUSE, SO ACRES

opening, Bargain. Lively's. Chudleigh,

BICYCLE and AUTO TIRE BARGAINS UP, BICYCLES: \$2 up. AUTOmobile tires. Free catalogue. Transportation prepaid. Peerless, ' 195

land. Station close. Good business

. PHOTOGRAPHY

Dundas West, Toronto.

YOUR ROLL FILMS DEVELOPED. printed with free enlargement. 25c. Photo-Craft, 1831 King East, Toronto.

blotches, eczema, athlete's foot, rashes and other skin eruptions, apply Dr. Dennis' cooling, antiseptic, liquid D. D. PRESCRIPTION. Its gentle oils soothe the irritated skin. Clear, greaseless and stainless—dries fast. Stops the most intense itching instantly. A 35c trial bottle proves it—or money back. Recommended at drug stores for forty years. Ask for it! D.D.D. Prescription

