

BY DR. WILLIAMS' PINK PILLS.

By Toning up the Blood and Nerves Patient Recovers Weight, Strength

And Good Spirits.

tablishment in Boston, a good memory is absolutely essential to success be-cause of the immense amount of de-tail that must be carried in the head.

Dr. Williams' Pink Fills are sold by

New iss,000, hamilton M. Twombly, who stated some time ago that he would not serve if elected, and who re-ceived 142,305 votes. The hignest vote of the anti-admin-

Samuel Untermeyer, counsel for the international policyholders' committee, in a statement made public tonight called the canvass a farce. He said

authentic.

Williams Mee ectady, N. Y.

When the nervous system is broken down from overwork, or whatever cause, life loses its joys. Not only is the nervous victim a sufferer himself but he is usually a trial to the whole family. Nervous breakdown is often gradual, appearing at first to be merely an unusual freifulness. Dr. Williams' Pink Pills Tone up the nerves in the most direct way and not only cure minor troubles but serious disorders as well. Secy. Garfield Issues Order Regarding Entries of Land Reopened to Settlement.

AIM IS TO AVOID GRABBING. minor troubles but serious disorders as well. Mr. W. W. Munroe, of 16 Hazel Park, Everett. Mass. says: "About four years ago this September I be-came all run down from overwork and from confinement to work during warm weather. For two months I grew steadily worse. I lost in weight and strength and had no appette. My memory failed me quite rapidly and I became in a very low state, both physically and mentally. I took no interest in life, neither in business nor recreation. In my position, as foreman in a large manufacturing chemist's es-tablishment in Boston, a good memory

No Entry Allowed Until Fact of Restoration Has Been Advertised For Sixty Days.

Washington, April 19 .- An order was isesued today by Secy. Garfield, and another by Commissioner Ballinger of the general land office, each intended to put a stop to practises which are regarded as evasions of the general laws. The order of Secy. Garfield provides that hereafter whenever land is re-opened for settlement after having been temporarily withdrawn for proposed forest reserves or other purposes, no entries shall be permitted until after the fact of the restoration of the land to the public domain has been printed for 60 days in a newspaper of widest rotice that heretofore when lands have notice that heretofore when lands have been restored to the public domain in-terested parties have been "notified" by wire from Washington on the day the order is issued and persons have focat. The order of Secy. Garfield provides The secretary says it has come to his notice that heretofore when lands have been restored to the public domain in-terested parties have been "notified" by wire from Washington on the day the order is issued and persons have locat-ed mon the more desirable nortings of these pills actually make new blood and have cured such diseases as rheu-matism, nervous headache, neuralgia and even partial paralysis and loco-motor ataxia. As a tonic for the blood ed upon the more desirable portions of the restored lands, thus obtaining an advantage over others. Commissioner Ballinger's order is di-

Infor ataxia. As a tonic for the blood and nerves they are unequalled. If you are a sufferer from any disor-der of the blood and nerves write for proof of what Dr. Williams' Pink Pills have accomplished in cases sim-ilar to yours. Every testimonial used by this company is carefully investi-gated before being published and is authentic.

Commissioner Ballinger's order is di-rected to an alleged abuse of the law allowing the purchase from the govern-ment by auction sale of "isolated tracts" of land. The commissioner believes this privi-lege has been abused, particularly as one applicant now has pending 33 ap-plications to purchase different "isolat-ed tracts." The order cancels all such pending applications #d makes a fur-Dr. withams Fink Fits are sold by all druggists, or direct by mail, post-paid, on receipt of price, 50 cents per box, six boxes for \$2.50, by the Dr. Williams Medicine Company, Schenpending applications a d makes a fur-ther requirement that tracts held at auction must be accompanied with an affidavit, stating that the intended pur-chaser wishes the land for homestead purposes and not for speculation. ing the votes. The highest vote re-ceived by anyone on the administration tickets was 189,132 and only one fell be-low 185,000. Hamilton M. Twomby,

NOTORIOUS ITALIAN BANDIT UNDER ARREST.

The hignest votes.
The hignest vote of the anti-admin-istration ticket was poiled by Stewart Shillite, who received 63,176 votes. The 36 trustees elected are: Cyrus Curtis, William H. Lambert, Charles C. Brown, George P. Miller, Hugo Baring, George C. Rand, Louis Stern, Henry Phipps, Leroy Springs, Sir Hiram S. Maxim, Charles A. Peabody, H. Rieman Dou-val, Thomas M. Mulsey, Emery Clin-tock, Emile C. McMillan, Dumoni Clarke, Charles Lancer, William H. Truesdale, William P. Dixon, Charles R. Henderson, Charles D. Dickey, Theo-dore Norford, James N. Jarvis, Cornel-lus Vanderbilt, Julian T. Davies, Aug-ust D. Julitard, Frederick Cronwell, Al-fred E. Shook, John N. Auchinloss, George F. Baker, Harlow E. Higgin-botham, Hamilton M. Twombly. Samuel Untermeyer, counsel for the International collocheddarg Naples, April 19 .- News that Enrico Alfano, called "Erricone," head of the Camorra, has been arrested in New York, has produced a sensation. The populace considered Alfano in the light of a demigod; he was thought to be in-valuerable to bullets and able at all times to escape his pursuers, and he was invested with all the fantistic qualof the medieval bandits.

At one time Alfano was a well known gure here. When attending to his iminal business he used to drive about in his own carriage, and he always dressed in the height of fashion. He had a rival for the leadership of the Camorra in a man named Cuccolo, and to get him out of the way Alfano ac-cused him to the police of being a spy. The Camorra then condemned both Eucodo and his wife to death and they were brutally murdered. Alfano re-mained in Naples for some time after this murder, trying to cover up the tracks of the crime and deceive the po-lice. In this he was not successful and when he finally realized he was in dan-ger he field to the United States. The authorities here are endeavoring to obtain the speedy extradition of A o obtain the speedy extradition of Al-

New York, April 19.-Enrico Alfano, mentioned in the dispatch from Naples, was among those arrested here Wed-nesday night by detective sergeants in the raids then being made on the east side for the purpose of a prosting that or the nurn

ILL FROM OVERWORK SOIL MOISTURE 66 8 NERVOUS PROSTRATION CURED

AND DRY FARMING State Normal Illustrates How

Schools May Teach These Topics.

TO STORE AND KEEP WATER.

The Plowing, Cultizating, Seeding and Crops Suitable for Arid Western Lands.

At the state normal this week, the nature lessons were taught to the training school children of the lower grades. The practise teachers, or normal students first showed them how to prepare the soll and plant the seeds, and explained why plants thrive when furnished with a full and continuous supply of soil

soil and plant the seeds, and explained why plants thrive when furnished with a full and continuous supply of soil moisture. The working up of the soil to admit the air necessary for soil ventilation and at the same time to take care that the soil is not thereby too much dried out; the necessity for plowing and overturning the soil, before planting, to get rid of most of the free water it may contain; the plant requirement of soil warmin, of a plentiful supply of food from earth finely pulverized and the general conditions for a good seed bed, were subjects illustrated in the field by the planting of trees and seeds. In the class-rooms, with an equipment of a handful of a dry soil on a sheet of paper and a lens for each pupil, the lower grades had no difficulty in finding out what soil is commonly composed of. The METHOD. This is done by breaking up all clods and soft until the plowed gand fine. Now we explain why the soil has to be loosened, softened, and made fine, so that it will be warm, not too wet nor foo cold, for the baby plants, which otherwise could not grow. They must have plenty of food, water and air, which they cannot get if soil is that which first through the soil, not that which lies around not go fit he soil or soaks into it. The flow of the water which the baby plant can drink is that which the same height in both. Just as the lamp wick transfers through the soil, not that which the species into the empty water that the baby plant can drink is that which the species if no is a lamp wick and two vessels; fill one with water, the fill the drops the baby plant in both. Just as the famp wick transfers the water from one wester to the other wester is of the water from beneath, and holds it in tiny drops in the little drops the baby plant can drink. Notice the flowerpot in the wind with drops the baby plant can drink is the soul of the water from one wester into the soil or seake in the famp wick transfers the water from one wester is of our the water from beneath, and holds it in tiny drops in the

plant can drink. Notice the flowerpot in the window. We pour water into the saucer beneath, and it rises, drawn up by the soil to the roots of our fower plant. Get several small bottles one for each pupil, and fill them with dry soil. Have each pupil test the soil between his fingers to discover that it is composed of three parts-loose, rough grains; fine, smooth parti-cles, and soft loose material. Look at a small stone. Show several stones from the brook, or river bed, ground and pol-ished smooth, with the corners all worn off. Ask each pupil to pick up such stones. Explain how the stones became so much worn down. Look again at the grains of sand with the lens. Most of them are worn and rounded like the brook pebbles, because the sand has been carried by the water, and its parti-cles have rubbed against each other, till they have worn off the corner, the sand grains, and the leaves go winning streams. The streams are the carriers. They lay the coll down, the sand grains, and the leaves for mont worn and rounded like the brook pebbles, because the sand has been carried by the water, and its parti-cles have rubbed against each other, till they have worn off the corners, the sand grains, and the leaves go winning and take long journeys in the running streams. The streams are the carriers. They lay the coll down fue soil and discovered that it is com-panticles (clay, called by them ''stone four''), and of loose soft materials fumus and organic matter). They learned how the stone flour and the sand become food for plants by being disclosed in where; how the various ma-terials travel in the streams and setting thake or valley; how water rises in the hooks apply malaly to eastern in the books apply malaly to eastern in the books apply malaly to eastern in the books apply malaly to eastern in the doots apply malaly to eastern in the books apply malaly to eastern in the hooks apply malaly to eastern in the identic doctines with the special variations necessary in the west in the came necessary the the west in t In a statement made public tonight called the canvass a farce. He said: "I am surprised that the inspectors counted any of the ballots of the policy-holders' committee. They might as well have thrown all of them out as to do what they did. They rejected genuine ballots for our ticket that were sup-ported by affidavits of the policyhold-ers and counted ballots for the admin-istration that were shown by affidavit to be forgeries. "The international committee will continue this fight. We are hoping that upon presentation of the facts to the legislature many of the abuses will be rendered impossible." Talk about your breakfast foods, A thousand you can see; I wouldn't have them as a gift; I'd have Rocky Mountain Tea. Z. C. M. I. Drug Dept., 112-114 So. Main St DOWIE ESTATE LOSES BEQUEST.

Humphreys' Seventy-COLDS

DESERET EVENING NEWS SATURDAY APRIL 20 1907

99

"Seventy-seven" is no better than any of the other thirty-five Specifics prepared by Dr. Humphreys; for Women's and Children's Diseases, for Dyspepsia, Indigestion and Weak Stomach, for Headache, Sick Headache and Vertigo, for Rheumatism and Lumbago, for Bladder and Kidney Troubles, for Malaria, Chills. and Fever.

You have tried "Seventy-seven' now try some of the others. Book free.

At Druggists, 25 cents each or mailed. Humphreys' Homeo, Medicine Co., Co William and John Streets, New York.

evaporation than if the surface-layer is hed up or loosened and made Capillary water is the chief suploughed

ply of moisture to crops. HYGROSCOPIC MOISTURE.

The third form of soil water is called hygroscopic moisture. It is an exceedingly thin film of soil water, held so firmly to each soil-grain that it can not be drawn away by capillary attraction. It is thought that plants can not get much of this hygroscopic moisture. Usually the finest-grained soils and the colder soils contain more of this moisture than coarse and warm soils contain. Moreover, it is warm solls contain. Moreover, it is found in solls that appear to be per-fectly dry. If the film is thick, the plants may draw it off too quickly, so that the soll merely moist, and not wet, is really the best for dry farming operations.

THE TWO PROBLEMS.

THE TWO PROBLEMS. For successful arid farming, two problems are to be solved: First, to catch all the rain of winter; second, to keen it from evaporating during the summer. The first object is at-tained by deep plowing in the fall. In this way about 85 per cent of the winter moisture may be retained till spring. Then the land should be har-rowed, so as to form a thick, fine mulch of pulverized soil at the sur-face. This mulch will prevent evapor-ation. Therefore the harrowing should be repeated after every rainfall. No weeds should be permitted to grow, since they consume the soil moisture. They should be destroyed as fast as they appear. In this way the water caught in the winter may be kept in the ground during the summer, to be used as needed by the growing plants. used as needed by the growing plants

STORING THE WATER.

In order to store water in the soil, space must be provided in which it can be held until the plant roots drink it in. The soil is composed of rock grains of all sizes variously compact-ed or thrown together. The soil must be made less like a solid substance and more like a sponge in order to hold the moisture. It must be filled with spaces between the grains so and more like a sponge in order to hold the moisture. It must be filled with spaces between the grains, so that it has plenty of the capillary tubes in which the moisture can be held. The more of these tubes, or spaces there are, the more water the soil will retain. The soil must there-fore be plowed or loosened in some way. This may be done with a disc plow or a mold-board plow; but the sub-soil plow should also be used, since deep plowing is generally neces-sary in order that sufficient molsture shall be stored. When the soil is thus plowed, the torrential rains which fall in summer or autumn and the snow or sleet of winter will sink into the soil instead of running off the surface. surface

Soll moisture is lost in two ways:



Vernon, gives the following concissummary of facts about arid farming: "Dry Farming" practises include

ae following: (a) Deep plowing before the rainy

(a) Deep plowing before the rainy senson sets in, in order to movide in the soli a capacious water storage reservoir and an ample space for root development. (b) Light, deep even seeding or planting in a well prepared moist soli. (c) Frequent, thor, ough, level cultivation before as well as after sowing or planting. (d) The use of seed bred and selected for the conditions provailing. (e) The use of machinery of large capacity. (f) The adoption of methods for the conditions of cereals is preferable to spring seeding wherever the condition will permit for the following reasons: (a) The work is distributed over a longer period. (b) The root system of the crop becomes well developed so that spring growth is more rapid, (c) The work habove the surface of the ground, though sometimes small, serves a valuable purpose by modify-

the ground, though sometimes small, serves a valuable purpose by modify-ing the windsweep at a time when its effects are most marked, thus pre-venting, in a measure at least, the blowing of the soli from around the voots of the plants, and, at the same time, holding the snow fall upon the ground until it melts. (d) The crop covers the ground earlier in the spring, thus reducing the loss of mois-ture through surface evaporation. (c) The crop usually ripens earlier, a fea-ture that is important for two rea-sons: First, the work of preparing the ground for the next crop can be begun earlier, and second, the crop may escape frost more frequently in sections having short seasons. may escape frost more from sections having short season

It is important to retain the snow upon the land, especially in sections where it forms a large part of the total precipitation. The snow fall may be retained in several ways: First, by leaving the ground rough when the plowing is done late in the fall; second, by throwing up borders across the field at right angles with the pre-valling winds as winter approaches; and, third, by planting hedge rows or shrubbery across the field at short intervals. The last named method is preferable wherever possible. Usually less seed should be planted per acre under dry farming condi-

Usually less seed should be planted per acre under dry farming condi-

DEAFNESS CANNOT BE CURED

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 constitutional remedies. Deafness is caused by an inflamed con-dition of the mucous lining of the Eus-tauchian Tube. When this tube is inflam-ed you have a rumbling sound or imper-fect hearing, and when it is cathered to a inflammation can be taken out and this ube restored to its normal condition, hearing will be destroped forever; nine cases cus of ien are caused by Catarrh, which is nothing but an inflamed condi-tion of the mucous surfaces. We will give One Hundred Dollars for sny case of Deafness (caused by Catarrh tube restored to the Hall's Catarrh Cure. Send for circulars free. F. J. CHENEY & CO., Toledo, O. Sold by druggiets, 75c. Take Hall's Family Fills for constipa-tion.

tions than is used in humid sections. The less the precipitation the smaller should be the amount of seed planted. The yields in dry farming belts may be and sometimes are very large, but it is not best to expect as large yields in dry farming belts as are secured in humid sections, unless the cultural methods are very much superior. The bulletin mentions the sage-brushes as desirable forms of shrub-bery for windbreaks, to reduce the drying effects of the wind. J. H. PAUL

THE PRICE OF HEALTH.

The PRICE OF HEALTH. "The price of health in a malarious district is just 25 cents; the cost of a box of Dr. King's New Life Pills," writes Ella Slayton, of Noland, Ark. New Life Pills cleanse gently and im-part new life and vigor to the system. 25c. Satisfaction guaranteed at Z. C. 25c. Satisfaction guaranteed at Z. C. M. I. Drug Store.

PUBLIC LANDS.

Convention of Delegates From Western States to Meet at Denver.

A communication has been received by Gov. Cutler from Gov. Buchtel of Colorado, asking him to join in a call for a convention of delegates representing the western states in which there are public lands, to meet in Denver to discuss the relation of the state to public lands and also to outline a policy to be urged upon the govern-ment at Washington in regard to the active settlement and improvement of such lands

such lands. The governor of Colorado was au-thorized by a resolution of the recent legislature in that state to ask the governors of other western states to join him in a call for such a conven-tion. Should the matter meet with the approval of Gov, Cutler, it is asked that he join in a call for the conven-tion to be held at Denver on June 18, 19 and 20. tion to be 19 and 20.

19 and 20. All radiroads will give special rates to the convention and the communica-tion states that Denver will extertain the delegates in its best manner. It is suggested that the governor of each state taking part in the convention each appoint ten delegates at large and that each chamber of commerce, board of trade, commercial club and industrial organization appoint five delegates. The program committee for the convention will consist of one United States senator and oue con-gressman from each western state and one representative in Congress from each territory.

one representative in Congress from each territory. Gov. Cutter has referred the matter to the state board of land commission-ers for consideration, and will await its decision before taking action.

No other remedy on earth is so good for children as Hollister's Rocky Mountain Tea; makes them eat, sleep and grow. Bright eyes, rosy checks. 35 cents, Tea or Tablets. Z. C. M. I. Drug Dept., 112-114 So. Main St.

Seven Cures Grip and

Alternation 200 1000 (1) the free water perceitates or sinks downward until it is lost to the roots of the plants, or (2) the water is lift-ed by capillary attraction to the sur-face of the soil, and excapes into the air by evaporation. In the arid west, it seems improbable that much it any of the soil water is lost by downward percolation through the soil in sum-mer, since the surface. The surface soil becomes drier in the hot weather than that lying immediately below it; and then the moisture rises through the capillary tubes; and this can be done by repeated cultivation and by forming the loose and open "dust mulch" as the top layer. The tising water is storped when this layer is dry, but not if it is wet. The effect of our dry, hot, summer wind is to sear the top layer, and, if it does not bake, to form a layer impervious to the ris-ing water. But if the soil has too much clay and is permitted to dry maturally, it will bake and crack, and through these cracks the moisture will escape. will escape.

EFFECT OF CULTIVATION.

EFFECT OF CULTIVATION. A recent bulletin, No. 61, of the New Mexico station states that experiments, often repeated, have proved that the evaroration of moisture from a soil sur-face is least when that surface is least exposed to the air. It follows, there-face increase the surface exposure, which in turn increases the evaporation of moisture. The reason for laying so much stress upon following the plow immediately with the harrow is to pre-yent the loss of moisture from the irimmediately with the harrow is to pre-vent the loss of moisture from the hr-regular surface. Level culture with a fine even surface has proved the best method of conserving moisture, and for most crops this condition is the most favorable for root development and expansion and expansion.

most favorable for root development and expansion. "Level culture should mean not only a lavel surface exposure when the work is completed, but it should also be made to mean the cutting or surring of a slice or layer of the surface to prac-tically the same depth at all points. This is usually best accomplished by using a long, flat blade which is run so as to cut an even depth and at the same time stir the soil before it falls back in position. Another means al-most as effective, is the use of a large number of small shovels. Even, small shovels leave an anout ridge under-neath, and a slight corruction on the surface. Large shovels are extremely harmful, since they leave the surface in great ridges, and portions of the un-cut under-surface exposed to the air." ut under-surface exposed to the air.

DRY FARM CROPS.

On dry farms the seed should be sown in the fall. The fall grain starts to sprout before the farmer can get to sprout before the farmer can get upon the land in spring and makes use of both fall and spring moisture that f both fall and spring moiscure vapor-sould otherwise be wasted by evaporation. Less seed should be sown than on urigated farms—a little more than half a bushel of wheat per acre in dis-tricts where irrigated farms would re-quire perhaps a bushel and a half. Not wheat alone, but oats, barley, rye and especially corn have all been grown with success and profit. Lucern on lands that receive 12 inches of rainfall, and peak, sugar beets, potatoes, peach-es, and even grapes have been success-fully cultivated in certain places with-out irritation. It is important to secure out irrigation. It is important to secure seed that has been reproduced on the dry farm for several years. Within Within ertain limits, crops van be adapted to tew and different environments, quatic plants in time have so adapted temselves to become dry 11.18 scen grown in conditions of abundance of moisture, have gradually become adapted to drier climates. This pro-vision of nature supplies the means whereby we are able to transport and

adapt crops to new and heretofor-untried conditions. Strains of seed untried conditions. Strains of seed which have been successfully grown for years under semi-asid conditions will presently be in great demand. "As a result of this demand, we may rea-sonably expect pedigreed dry farm crops to appear and they will fill an im-portant want."

GENERAL SUMMARY.

The New Mexico bulletin by J. J.

lans carrying concealed weapons. De-tective Petrosini recognized Alfano by a scar on his face as a man who with three others recently escaped from Na-ples after the murder of Guiseppe Cuc-

colo. Alfano was arraigned in the Tombs police court yesterday and was held without ball. In view of the reported intention of the Italian government to ask for his extradition it is likely he will be committed to await such action.

MUTUAL LIFE INS. CO.

The Administration Ticket is Officially Declared Elected.

New York, April 19.—The "adminis-tration ticket" of the Mutual Life In-surance company has been officially de-clared elected by the inspectors of elec-tion appointed for the purpose of count-

Dowle ESTATE LOSES BEQUEST. Springfield, Ill., April 19.—The su-preme court today handed down an opinion adverse to the estate of John Alexander Dowle in the Sutton will case. This was a case where Frederick Sutton, who was a native of New Zea-land, became a convert to Dowleism, and left an estate of \$54,000 to Dowle. It was contended by Sutton's heirs that the testator was unsound in mind and had been unduly influenced. The supreme court sustained the findings of the lower court in favor of the Sutton heirs.

Z. C. M. Main St.

Get What You Ask For!

DRY FARMING.

OTTOHERE is a Reason-

Why the Good People of America buy Cascarets as Fast as the Clock Ticks. Every second some one, somewhere, is Buying a little Ten-Cent Box of Cascarets.

1, 2, 3, 4, 5, 6-60 times to the Minute, 60 Minutes to the Hour, 3600 Boxes an Hour, 36,000 Boxes a Day of Ten Hours, 1,080,000 Boxes a Month, and then some. Think of it-220,000 People take a Cascaret tablet each day. Millions use Cascarets when necessary.

The Judgment of Millions of Bright Americans is Infallible. They have been Buying and Taking Cascarets at that rate for over Six years.



It is not an Experiment, not an Accident or incident, but a sound, Honest Business, based on Time-Tried- and-Tested Merit, never found wanting. There is a Reason.

. .

Cascarets are the implacable foe of All Disease Germs; the incomparable cleanser, purifier and strengthener of the entire Digestive Canal.

They Act like Exercise on the Bowel-Muscles, make them strong and activeable to Help Themselves do their workkeep themselves clean.

Cascarets are the safe-guard of Innocent Childhood against the Dreadful Deathdealing Dangers that threaten the Lives of the Little Ones.

They are Purely Vegetable, absolutely

a true, faithful, loyal servant of Mankind. Over Five Millions of Dollars have been Spent to make the merits of Cascarets known, and every cent of it would be lost, did not sound merit claim and hold the constant, continued friendship, Patronage and Endorsement of wellpleased people year after year.

* * There is also a Reason-

Why there are Parasites who attach themselves to the Healthy Body of Cascaret's success-Imitators, Counterreiters, Substitutors.

They are Trade Thieves who would rob Cascarets of the "Good Will" of the people, and sneak unearned profits,

earned and paid for by Cascarets 3

Beware of the Slick Salesman and his

33

Cascarets are made only by the Sterling

shown. They are never sold in bulk. Every tablet marked "CCC."

IF FREE TO OUR FRIENDS! We want to send to our friends a beautiful French-designed, GOLD-PLATED BONBON BOX, hard-channeled in colors. It is a branty for the dressing table. Ten cents in starops is aked as a measure of good faith and to cover cost of Cascarets, with which this daliny trinket is leaded. Too

Western solls are naturally fertile. They contain an abundance of plant-food, which may be made available if water can be stored in the soll. Usually there is sufficient rain and snow-fall in winter to produce fair crops on the dry soll, even when no rain falls during the growing season, provided, however, that the winter moleture can be stored. while to produce fair crops on the dry soil, even when no rain falls during the growing season, provided, however, that the winter molsture can be stored. For irrigated farms, we store water in reservoirs somewhere above the lands to be irrigated. For dry farms, we store whiter in soil reservoirs beneath the surface of the land. All that is necessary in order to do this, is to have a uniform soil of sufficient depth, say six feet or more before reaching hard pan or impervious clay or porous grav-el. A soil alternately clay, sand, grav-el, etc. is not good for dry farming. A thinner soil than six feet will hold the water, but it will get too hot if the water is kept, say within 12 inches of the surface by a hardpan at that depth. The water must sink to a considerable depth in order that it may be drawn up by the plants as needed. FORMS OF SOIL WATTER.

FORMS OF SOIL WATER.

Soll water exists in three forms. The first form is known as free water, which is water occupying the largest spaces between soll particles. Free water either flows through the soll or stands in it. But when the free water moves, it always goes downward, being controlled by the force of gravity. Even when the free water moves later-ally, it is seeking a lower level and therefore also moving downwards. Free water is not used directly by plants, but only as it supplies capillary water above it in the soil. The second form is called capillary water. This is a thin film of moisture which surrounds and is held close to each soll grain by adhesion. It is that proportion of the free water upon which the force of ad-hesion is greater than the force of gravity. It may move through the soil in any direction, and always goes to-ward the driest places whether they be above at helow or thom one side. Soil water exists in three forms. The ward the driest places whether they be above, or below or upon one side. ILLUSTRATION OF CAPPILLARITY.

ILLUSTRATION OF CAPPILLARITY. Put a small portion of a dry sponge into water. Observe that the water immediately rises to its most distant parts. The water is drawn into the sponge, as oil into a lamp wick, by the force called capillary attraction. The smaller the openings, the farther the water will rise, as may be shown by dipping glass tubes having different sized openings into water. If, thorefore, the top-soil is packed together by roll-ing or long rest, its capillary tubes are

SOME HIGH GRADE ARTICLES HANDLED EXCLUSIVELY BY DINWOODEY.

When a manufacturer of an article of national merit wants but one merchant in a city to represent him, he always selects the merchant whose business is foremost-who has the public's confidence most-because he wants to secure the best agent-the one who will likely sell the greatest amount of his product. So the DINWOODEY store has been selected as the ONE FURNITURE STORE in Salt Lake City best equipped to handle their lines.

HERE ARE FOUR GOOD ONES:

Ostermoor Mattresses

You see them advertised everywhere. People who have used one will never have any other kind. There are lots of good matresses but if you want the very best-(not the highest priced) you will get an Ostermoor.

Universal Ranges

As their names indicate, they are universally popular. No other stoyes or ranges contain so many good points. They are honest clear through. They are conveniently and handily arranged. They save fuel and cook hetter, because they are built better than others. They are made in several grades, priced according to grade, The principal difference being in the nickeling and finishing.

Globe Wernicke Book Cases and Filing Cabinets.

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