A CONTRACTOR

*COOK CEREALS DRY.

Wew Process Discovered by Dr. Anderson of Columbia University.

Digestibility of Grains and Starchy Foods of All Kinds Greatly Increased When Prepared by a Dry Heat.

An important discovery in ecomomic botany, which, it is believed, will have a far-reaching application to human food, was first formally ansounced at one of the conferences of heads of departments which are held weekly in the Museum building of the New York Botanical garden. The discovery may be described as a dry process of cooking cereal grains and starchy products. The food is cooked in a saturated atmosphere.

The author of the discovery is Dr. Alexander P. Anderson, now curator of the herbarium at Columbia university. In a paper in which he gave an account of his discovery Dr. Anderson said:

"All the cereals and nearly all the Important foods derived from plants contain large quantities of starch. The chief value of the cereals lies in the starch which they contain.

"To prepare starches for human food it is essential that the granules should be broken up in order to be more easily acted upon by the different digestive enzymes. The saliwary enzymes are especially active In converting starch into sugar, but zaw starch, in which the granules are intact, is slowly acted upon.

"On the other hand, when the starch granules are previously broken up by heating in water, the enzymatic action is almost instantameous, and the starch is converted into sugar, in which form it is soluble and easily assimilated.

"It is a well-known fact that starches do not swell to any extent when heated dry or in contact with relatively small amount of water, as in the ordinary bread baking

"In the course of my experiments I have discovered a method by means of which starch granules of all kinds can be expanded and broken up without the use of water from the outside, which is customary in the conversion of starches into pastes In the ordinary cooking processes with water.

"Instead of adding water, I am able to effect the complete swelling of the starch granule by means of dry heat. This I do by subjecting the starch granule, grain or starchy mass to a rapid heat in a saturated

"At the end of the process I find The starch granules broken up into an innumerable number of particles or fragments. The resulting prodwets after the expansion are drier than before.

"I find that I can in this way swell expand any starchy product, and especially the cereal grains. When the grains are swelled the resulting products are from four to sixteen "Limes greater in volume than the soriginal kernel. The expanded kermels are only enlarged, otherwise ex-.act copies of the original.

"The only difference between starch paste or starchy food prodweets prepared by the ordinary methed of boiling or cooking with water and the dry method of expanding them is that the resulting products expanded when dry can be kept indefinitely in their dry condition. while the products prepared with water easily spoil and ferment."

BUYS ITALIAN ART GEMS.

Baltimore Man Investa a Million Dollars in Paintings, Bronses and Ceramics,

Henry Walters, the art collector of Baltimore, whose galleries already contain many of the rarest paintings, bronzes, and ceramics in this country, has just completed the purchase of 900 waintings and other art works in Rome an aggregate cost of \$1,000,000. A steamer has been specially chartered to bring this collection to Baltimore.

The collection is especially valuable In early Italian paintings. It has been . mathered, piece by piece, for many years by Rev. Marcello Massarenti, a priest who has an apartment in the Watican.

They include many Italian paintings of the early fifteenth century, reprementing the dawn of the renaissance in

Later Italian masters are also con-"spicuous in the purchase, though their precise value and extent are not yet Iknown to Mr. Walters' friends in Bal-

There is a portrait of Raphael by himself, a work by Titian, and a portrait of Bernini by himself. There are large . numbers of curios, brie-a-brac, and Larger objects of art, including two amarble sarcophagi of ancient Rome.

Saint Justin's Body Found,

It is announced from Vincenza, Italy, that while some boys were playing inside the parish church at Monticello they found an iron chest, .the lid of which they managed to reamove. Inside the chest was a corpse gremarkably well preserved, clothed ita the vestments of a bishop. The bishop of Vincenza sent a commisa mion to investigate the matter. The commission found some documents in the chest which proved that the 'body was that of Saint Justin, who whied 250 years after Christ. The remains were interred with much molemnity and great excitement now prevails in the locality, owing to The rumors of many miracles having Sheen performed.

SEMINARY TO MOVE.

The Famous Congregational College at Andover Will Probably Be Locatedia Chicago.

The Andover (Mass.) theological seminary which for over a century has been one of the foremost colleges of theological learning in the United States and which has been the alma mater of thousands of famous scholars and preachers, is to be moved to a western location, probably Chicago. The plan generally advocated has been a removal to Harvard university, but this

apparently has been abandoned. On May 1 a meeting of 20 clergymen, six of whom were seminary trustees, was held in Old South chapel, Boston, to discuss the matter of removel. Afterward Rev. Dr. Charles O. Day, president of the seminary, said in an inter-

"The situation seems to be that a vote was passed by the trustees of the Andover theological seminary looking toward the removal of the seminary from Andover in the near future providing satisfactory arrangements could be made to develop its work more effectively elsewhere. The subject, however, is still under serious discus-

The seminary at present has only 12 regular students and three special ones. There are five professors and two instructors. Rev. Charles O. Day, D. D., is president of the faculty. With him are Prof. E. C. Smyth, Prof. E. Y. Hinchks, Prof. W. H. Ryder, and Prof. J. W. Plattner. The institution opened September 18, 1808. Since its institution 2,147 men have been graduated who have taken the full course, an average of nearly 23 per year. The seminary's endowment is estimated from \$1,500,000 to \$2,000,000.

PRINCE AMONG THE TOILERS.

Member of the Noble House of Belgium Enters the Employment of New York Real Estate Broker.

Prince Leopold de Croy would rather be a captain of industry than the bearer of a titled name. As plain "Mr. Croy" he has entered the employment of a real estate broker in New York city, and, beginning at the bottom of the ladder, he gives promise of attaining the success he covets. Prince Leopold belongs to a noble house in Belgium. He came to New York about four months ago. Soon after his arrival he presented to John D. Crimmins a letter of introduction from Sir Thomas Lipton. In it the Irish knight said the prince was the member of a noble family in Belgium which removed from that country several years ago and is now living in France. Sir Thomas said Prince Leopold wished to establish himself in business in New York. He also had letters from several other prominent men in Europe who were known to Mr. Crimmins, and the prince quickly gained his confidence. Through Mr. Crimmins' influence he obtained employment with the Thompson-Starrett company, brokers, and for some time worked there as a draughtsman. But he real estate business was more to his liking, and a few days ago, on the strength of a letter of recommendation from Mr. Crimmins, Prince Leopold obtained a place in the office of Herbert & Sherman.

FORFEITS RICHES FOR LOVE.

The Pretty Daughter of a Salt Lake Millionaire Weds the Man of Her Choice.

Miss Jacketta McCune, young daughter of A. W. McCune, a millionaire mining man, of Salt Lake City, was given the choice of a fortune or the man she loved. Cupid

won. A telegram has been received from New York, saying that Miss McCune, despite her father's threats of disinheritance, was married there to Philip Ernest Green, of Salt Lake City, and the bridal pair were preparing to take a European trip.

Twice they have been foiled in their attempts to wed. Once an elder brother interfered, and took the prospective bride off the train. Another time the father packed his daughter off to Peru, where he is engaged in developing the famous Cerro De Pasco mine with J. B. Haggin, of New York, and other capitalists.

It was upon her return from Peru that Miss McCune was met by her sweetheart and the wedding resulted. Mr. McCune is a former partner of Marcus Daly, and is largely interested in mines in Utah and Montana, besides owning heavily in the Cerro De Pasco mine in Peru, and having large interests of other kinds.

Green is a youthful stock broker.

Vegetarianism. Why should the eminent physicians who admit that excessive meat-eating. is injurious hasten to disavow at the same time that they are vegetarians? asks the Chicago Chronicle. There is nothing discreditable in the fact of being a vegetarian, and the time when it was fashionable to sneer at vegetarians has gone by long ago. The very fact that in many diseases meat is the first article absolutely interdicted by physicians is the best evidence that the medical faculty admits in effect, if not in terms, that people would_be better off without meat altogether.

Generosity Depends on Moon.

Bayard Brown, the eccentric American millionaire, who still lives on his steam yacht in the harbor of Brightling sea, continues to be a magnet for all cadgers and beggars in that part of the country. Hisbenevolence of late seems to have depended on the stages of the moon. One of his crew says that when the moon is full he never gives a penny. When it is well on to half he throws money right and left, often scattering gold in the sea.

SCHWAB BUYS HOTEL

The President of Steel Trust Plans Charity of His Own.

Securen a Fine Resort Which He Will Conduct Himself for the Benefit of Needy Ones Whom He May Select.

Charles M. Schwab, president of the United States Steel corporation, will establish a charity in Staten Island, where he has just purchased the property of the Richmond Beach and Railway company.

The details of the plan have not been given out, but it is understood that the scheme of Mr. Schwab is along original lines. The purpose is to give such people as Mr. Schwab may select a vacation in a pretty and healthy country place of about 40 acres. The charity will not be a public one, as every selection will be made by Mr. Schwab himself.

Richmond Beach has been a favorite amusement resort for people from Newark and New Jersey towns for nearly five years. It is situated about a mile from Hugenot Station. on the Perth Amboy division of the Staten Island rapid transit railroad, about 25 minutes by train from St. George Landing. There is a good sized shore front, with a fin beach, and back from it extends : 40 acre wooded estate, which includes a picturesque lake, called Arbutus lake. On the shore of this lake stands a commodious hotel.

The announcement of the sale was made through a notice sent out the other day to the effect that Richmond b ach would no longer be conducted as a public resort, it having been sold to Mr. Schwab.

hr. Schwab is in the west. Oliver

Wren, his secretary, said: "All I can say is that it will be a sort of personally conducted charity, with a broad scope, and that no time will be lost in getting it under way."

TORPEDO BOAT MANEUVERS.

Important Work to Be Done by These Little Fighters During the

There will be some important work with torpedo boats during the coming summer. Those vessels will be brought from the various rendezvous and concentrated in northern waters, probably in Long Island sound and Narragansett bay, for strategic exercises. It is proposed to detail junior officers to duty on these vessels, where the experience cannot but be of great value, not only because it will give them an acquaintance with the mechanism of the boats but will serve to test individual nerve and

There have never been maneuvers with torpedo boats on the extensive plan felt to be necessary by those who have come to consider the torpedo boat as an important factor in naval warfare. For a long time this deficiency in practical work was attributable to the lack of boats, but this absence of facilities no longer exists. We have the boats, the officers, and the crews, and there remains only the opportunity of employing them. It is to this end that the navy department is making some elaborate arrangements for summer

ORTHODOX HEBREWS AROUSED

Vigorous Protest Made Against the Attempt of Liberal Rabbin to Change Their Sabbath,

The discussion concerning the observance of the Sabbath which arose during the annual session of the central conference of American Rabbis in New Orleansrecently has stirred up considerable argument among the orthodox Hebrews in New York city. Vigorous protest has been made against the liberal school of rabbis who raised the question in the conference to the extent of suggesting that the Sabbath day should be changed.

The Talmund Torah committee of the Ohab Zedok congregation, this city, met and, after denouncing the conduct of the rabbis at New Orleans. sent, through Louis Friedman, chairman of the committee, a telegram to the conference at New Orleans, as fol-

"Rappoport at Braunschweig conference said: 'For tearing down not architects are called, but unakilled laborers.' Make a pesiah gessah (radical step), accept Christianity and settle it all."

A circular is being distributed among the members of the synagogues. calling on the Jews to remain steadfast to their traditions and to aid in founding schools to keep the faith

Neutralising War Inventions. A Norwegian has invented a cannon that can throw a two-ton projectile 90 miles. By the middle of next week, says the Chicago Record-Herald, we may expect some German inventor to come along with a patent breastplate that the two-ton projectile cannot

An Unpopular Invention.

The man who invented the holeless baseball fence may achieve a fortune on his royalty, but, says the Chicago Inter Ocean, he need never hope to have the respect of the small boy or the man who has ever been a small

Pinnist Versus Capitalist.

Paderewski, the prince of pianists, cleared \$125,000 in three months, says the Chicago Record-Herald. Almost a good day's work for J. Pierpout Mor-

The second will be a second of the second of

THE NEGRO PROBLEM.

Dr. Felix Adler Gives His Views After Studying the Question in Southern Tour.

The Society of Ethical Culture celebrated its twenty-sixth anniversary the other day. The anniversary address was delivered by Dr. Felix Adler. Dr. Adler outlined in their broader aspect the society's motives and aims. He referred to impressions he had gained on his recent southern tour as illustrating strikingly the main principles of the society's philosophy practically applied. He said the negro students of Tuskegee and Hampton were unwittingly making a practical application of ethical culture.

Dr. Adler said his short visit to the southern states had given him an opportunity to appreciate the southern point of view in regard to the negro problem. He was especially impressed by the essential difference between the two races. He was made to realize the wealth of an inheritance of thousands of years of culture and intellectual activity by contact with the instability and immorality of the negro, the son of the "child race," whose experience of civilization scarcely went back a century.

"I was also impressed," he said, "with a sense of the damage the north has done by injudicious interference by a partly blundering and partly culpable reconstruction which gave the ex-slave rights he could not use and set him on the level of his former master, thus doing infinite harm."

NEW COAST DEFENSE.

Searchlights to Be Installed as a Means of Protecting Harbors from Attack.

Gen. Gillespie, chief of engineers of the army, has made preparations for carrying on extensive experiments with searchlights, which are to be a part of the defenses of the harbors along our coast. The fortifications act of last year appropriated \$150,000 for the purchase and installation of the lights in the defenses of New York harbor, and the work is well advanced. It is now deemed essential to install the same system at Portland, Me., Boston, the eastern entrance to New York, and Puget sound, and it is hoped that congress will this year appropriate \$300,000 for the purpose. It is planned to use the target and most effective searchilghts, those having a range of 2,500 yards.

The English and French have already used them in their maneuvers with satisfactory results, although as machinery of offensive and defensive warfare the ir value is somewhat undetermined. It is proposed this year, in our maneuvers at Narragansett bay, to multiply the searchlights in such a way as to determine definitely whether the main channels in the four harbors named can be lighted up.

TURNS BACK ON SOCIETY.

Mrs. Harry P. Robinson, Daughter of Street Car Magnate, to Become a Nurse.

Mrs. Harry P. Robinson, daughter of the multi-millionaire street car magnate, Thomas Lowry, has startled her friends in Minneapolis by giving up her position in society to become a professional nurse. She is the wife of Harry P. Robinson, of Chicago, proprietor of the Railway Age.

A week ago she entered the Northwestern hospital as a nurse on probation. She was assigned to night duty in one of the wards. One of the fashionable dressmakers of the city has made six handsome uniforms for her. Although the style and pattern are of the regulation model, the material is the richest and the caps and aprons are of sheer linen and lawn.

When asked her reasons for giving up a life of luxury for that of a nurse Mrs. Robinson said:

"Reasons? Oh, there are none. I simply love the work, that is all." Harry P. Robinson is at present in London, where he is engaged in literary pursuits and in the publishing business, still retaining his interest in the Railway Age. He left Chicago over a year ago.

HENS SET WITH NO RESULTS. Dynamite Blasts in Rock Fails, Ill.,

Destroy the Vital Spark in the Eggs.

Blasting in the bed of the Hennepin canal, in Rock Falls, Ill., is causing the hens of that town to set long without results. Poultry breeders declare that the explosions destroy the vital sparks in eggs, and no chicks have been hatched near the canal in that town since the blasting began, three weeks ago. Rock Falls takes special pride in

its fancy chickens, many of the leading citizens belonging to the Arena Poultry association, and the dispositions of the association members have been almost as badly jarred as the eggs. At times 200 pounds of dynamite are exploded in the canal, but the effect of the explosion is more noticeable across Rock river, in Sterling, than in Rock Falls, rattling down dishes from shelves and breaking window panes, while the Rock Falls troubles are confined to the

Rhodes Planned International Paper William T. Stead says, regarding the will of Cecil Rhodes, that it was at one time the intention of himself and Mr. Rhodes to found an international newspaper, with offices in London and New York, which should be largely conducted on educational lines. Mr. Rhodes had resolved to devote his fortune to the scheme. as he considered it would be a step toward the realization of his dream of Anglo-American reunion.

FORTUNE IS A MYTH.

Control of the contro The Mystery of Millions in Paris Proves a Hoax.

Mme. Humbert's Safe Supposed to Contain Securities Valued at 100,-000,000 France Found to Be Empty-Swindler Fices.

The interest in the great Humbert-Crawford lawsuit at Paris, which was supposed to involve the possession of 100,000,000 francs, which has profited one woman \$1,000,000 and which had for years been before two continents, culminated in a fiasco the other day when the police officials proceeded to the residence of Mme. Humbert and found the safe, in which alleged securities to the value of 100,000,000 francs were said

to be locked up, was empty. All the parties to the suit are South Americans. According to the story, R. H. Crawford died 20 years ago and left 100,000,000 francs to Therese d'Aurignac, now Mme. Humbert. Just as the woman was about to obtain possession of the fortune two nephews of Mr. Crawford appeared with a second will bequeathing the property to themselves.

A lawsuit was commenced for the possession of the money and securities, which, according to Mme. Humbert, by mutual agreement had been locked up in a safe at her house, conditional on her not touching the money until the court's verdict was rendered.

Mme. Humbert, in the meantime, borrowed millions on the strength of the supposed fortune. One of the creditors recently appealed to the courts to open the safe, with the sensational result already set forth. The Humberts have disappeared from the house, which has immensely added to the sensation. It is said that the victims are out fully \$10,-000,000. It is believed that the Humberts have left France. The court has appointed a receiver for their property.

One of the most peculiar features of the affair is that neither of the Crawford brothers, who have been no successfully played into the case, has ever been seen by anyone.

Mme. Humbert was supposed to have conducted all the negotiations with the contestants, and from her came all the tales of proposals and compromises suggested by these eccentric individuals from America.

It is now certain that the only Crawford brothers who ever existed were accomplices of Mme. Humbert, hired to sign a document or two from time to time as she dictated. A sister of Mme. Humbert, Mile.

d'Aurignac, who is now 40 years old, and who was said to have been sought in marriage by one of the Crawford brothers in order to settle the whole case, has vanished with Mme. Humbert.

The government has never been able to collect any part of the inheritance tax which should have been paid on the alleged estate.

WIVES MUST BE IN AT TEN.

New York Judge Warns Married Women Against Being Away from Home at Night.

"Married women should not be allowed out of their own homes after ten o'clock at night. We need a special law to keep them at home. As long as I am judge of this court, I shall make a special endeavor to bring about such a condition of affairs. Married women can take warning, and they had better not come into this court to air troubles which befel them while away from home after ten o'clock at night."

Such is the flat issued from the bench by Judge L. J. Connorton, in

Long Island City. "I meant just what I said from the bench," said Magistrate Connorton.

later. "My announcement came after I had been hearing the case of Mrs. Daniel Raphael. She was in the habit of going out to dances and staying till late at night, leaving her husband at home to care for the children. The poor man bore it patiently as long as he could, and when his wife returned one night, out of patience with him, and they quarreled, he brought the case to this court. I decided in his favor, and then and there announced that married women in Long Island City had better not be out later than ten o'clock here-

after." Will Miss a Thames Feature.

One of London's features which visitors will miss this year are the penny steamers on the Thames. For at least two years back the Thames Steamboat company has had friction with the county council, and had threatened to withdraw its steamers. This year it has decided to do so. Dirty, antiquated little boats though they are, they will be missed, for they were largely taken advantage of during the summer on account of their being cool, as a mode of travel from east to west and vice versa. Visitors appreciated them as affording them the only good view that could be had of the big-many of them historic-buildings facing the river.

No Accounting for Tastes. Years ago a man bearing the name of John Smith had it changed to Gagadig Gigadab, which name he selected because it was as unlike John Smith as he could possibly get it. And now, an Englishman, one Pamlico Pickles, has had his name changed to John Smith, which leads the Chicago Tribune to exclaim, there is no accounting for tastes.

HUMAN SKIN TANNED.

Fond du Lac, Wis., Factory Makes Leather from Epidermia Furnished by Chicago Student.

The Fred Reuping Leather company, of Fond du Lac, has just completed the tanning of a human skin. The discovery was made through one of the employes of the company. The skin is in two pieces one about 12 by 20 inches in size taken from the back and one 12 inches square

taken from the breast. The skin was brought to the city about three weeks ago by a student of a Chicago medical college. The president of the tanning company refused to have anything to do with it, but when one of the foremen was approached he agreed to run it through, as he said he was curious to know how, it would come out. The foreman had tanned almost every other kind of skin, including frog, toad, Hzard, rat and cat.

The hide was received in a badly decomposed condition, but It was labeled as a "pig skin" and placed in the vat and soaked for several days, when it was taken out and a scraped and afterward put through the chrome process of tanning. The job turned out well, and the skin came out thin and pliable.

During the process of tanning it was handled by but few hands, yet one or two of the workmen discovered the real nature of the skin. The foreman was very reticent regarding the matter, as he did not wish to have trouble with his company or the workmen.

The tanned skin has much the appearance of dog skin, and the foreman said it would take an expert to tell the difference. Close inspection, however, reveals the pores and lines peculiar to the human epider-

WOMAN CARRIES A CANE.

Miss Alice Morton of New York, Given the Guests at Chicago Hotel a Surprise.

Patrons of the Auditorium Annexat Chicago are talking about the "woman with the cane," who arrived in Chicagofrom New York. She is Miss Alice Morton, niece of the late Vice President Levi P. Morton.

Several days ago Miss Alice Roosevelt startled Washington society by appearing at an afternoon tea with a walking stick clasped in her neatlygloved hand. It was said then that a new fashion had been started and that society women generally throughout the United States would be adopting the "stick."

Miss Morton entèred the corridor of the annex attired in a close-fitting brown gown, brown colonial hat, and brown gloves. Her hair and eyes are brown, too. In her right hand she carried a small cane of brown wood, encircled by a silver serpent with emerald eyes. Her maid walked behind her, leading a brown dog of the Boston terrier genus. As she started toward the elevator she was met by a friend. She was heard to say that she was on her way to San Francisco. In answer to a remark about her cane she said:

"You don't mean to say this is the first one you have seen! We all carry sticks in New York. You know, I always thought Chicago was a bit slow, in spite of its reputation for rushing things."

BEST BARGAINS OF HIS LIFE.

Mr. Carnegie Considers His Gifts to Found Libraries Are Clever Strokes of Business.

The Freedom of the Plumbers Company, London, was presented to Andrew Carnegie the other day at the Guild hall, in a valuable casket of various metals. Replying to the presentation address, Mr. Carnegie declared he thought it more difficult to conscientiously distribute wealth than to acquire it. "It is the swimming tenth, and not the submerged tenth which we can greatly benefit," said he. Any satisfaction which he had derived from his gifts arose from what he had induced individuals and communities to give.

"I think it will be found," he added, "that far from being a philanthropist, I am engaged in making the best bargains of my life. For instance, when New York had been given over £1,000,000; for 72 libraries. I succeeded in getting a pledge from her that she would furnish sites and maintain these libraries forever. Her investment (I hope this may not go across the Atlantic to alarm her) is greater than mine. This is not philanthropy. It is a clever stroke of business. I am now open to propositions of a similar character from cities in any part of the Englishspeaking world."

Learning Lessons from America. It is a little startling to learn that the Swiss watchmakers, after being distanced in competition by their American rivals during the last quarter of a century, have installed American machinery and are now selling their product in the United States to a very large extent. It thus appears ! that the foreigner cannot be relied ! upon to acknowledge American mechanical supremacy without making a final effort, and what has happened in the watch trade may occur in other industries. The European manufacturer, says the Chicago Chronicle, is learning to take a leaf out of

An Unfortunate Individual.

the American book.

Mr. Alfred Austin has just published a new volume of poems, says the Chieago Chronicle. Fortunately nobody but the proofreader has to read them and as he is hardened to such things he will probably recover.

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