

THE USES OF REFRIGERATION.

Low Temperature Artificially Created Has Done World Good.

Most of us know a lot about hot air, but the valuable uses to which air reduced to such deadly temperature as 400 and more degrees below zero may be put is by no means so generally understood. Most people think of refrigeration chiefly as a means of making artificial ice and preserving food. The international congress of refrigeration which met in Chicago has taught us to what an extent refrigeration enters into science, industry and the useful arts. It is not only a vital factor in the food supply of the nation as was pointed out by Prof. Scribner, in charge of the government exhibit. It is claimed for it that of all the modern utilities it is the greatest. It is used in the manufacture of many of the necessities of life. It has, to cite convincing figures, come to play such an important part in the industrial world alone that over a billion dollars worth of capital is invested in industries depending upon abnormal as well as normal artificially created air.

Delegates from all over the world have been making these facts clear during the past few days. As to the use of refrigeration in chemistry, for instance, Dr. Kammerlingh Onnes has told of the liquefaction of gas at a temperature of 426 degrees below zero, or within two degrees of absolute zero, in which almost inconceivable temperature the composition of atoms may, he asserts, be determined. The pertinency of the time-worn jest about steam laundries bids fair to pass away thanks to refrigeration, for it has been discovered that starched linen ironed in a cold temperature does not crack or fray and lasts longer. Refrigeration has proved invaluable in the paper making industry. It helps to preserve apple seeds, potatoes and grains. It is useful in curing or preventing tropical diseases, and in some cases the ravages of hay fever have yielded to its beneficent frigidity.

Its use in making artificial ice is more generally known, but not the figures which tell the tale of the extent of this industry. There are 3,500 ice-manufacturing plants in the United States alone, with a capacity of between eighteen and twenty million tons of ice a year. Capital invested in this one industry is estimated to amount to \$150,000,000.

Altogether, the showing of the uses to which sub-freezing temperatures artificially created may be put is a remarkable one. They have already made us independent of many conditions before which man was once helpless, and the development of their use promises to bring within our reach still greater stores of highly useful and practical knowledge.—Philadelphia Press.

Early Mixed Bathing.

Mixed bathing, which has aroused the wrath of a Croydon doctor, is a fairly old-established institution in this country, says The London Chronicle. It was to be found at Brighton as long ago as 1763, as we learn from a letter written in that year by "Gilly" Williams to his friend, Horace Walpole. "It would astonish you," writes Williams, "to see the mixture of sexes at this place, and with what a coolness and indifference half a dozen Irishmen will bathe close to those whom we call pruders elsewhere." A cartoon of a latter period depicts the prince regent on one of his visits to Brighton being assisted in his morning "dip" by a local bathing woman.

Mixed bathing was a question that caused trouble under the Roman empire. It came in with the collapse of austere Republican manners, and the Emperors Hadrian and Marcus Aurelius found it necessary to issue orders against it. Alexander Severus also forbade the opening of "balnea mixta" in Rome. Later on we find great diversity of view in Europe on the matter. In the 15th century Bohemian and Spanish travelers were astonished at the goings on at Bruges, Malines and Brussels. The Spaniard observes that "the bathing together of men and women, skin-bare, is here reckoned as innocent as is, with us, a visit to church." The public baths at the Swiss Baden, where only a railing separated the sexes, scandalized Poggio Bracciolini.

FOUND GHOST IN A TREE.

Police Cowed, but Plucky Mayor Routs it with Shotgun.

Two borough marshals of Prospect Park, N. J., resigned because they assert they were terrorized nightly by a ghost that held forth in a tree on the town's outskirts. Mayor Lambertus Town, New Jersey's youngest mayor, waited two nights for the ghost. The other night he heard a voice in the tree. A blast from a shotgun dislodged a swearing parrot.—New York American.

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WHOLE FAMILY GUILTY.

Unusual Case is Tried in Federal Court in Greenville.

Greenville, Oct. 30.—With her head bowed and weeping with a silent intensity that made the entire frame quiver, an aged mother sat within the bar of the district Federal court yesterday, and heard from the lips of the judge the words which sent her four sons and husband to prison for varying lengths of time. She was Mrs. D. M. Peeler, of Cherokee county. Her husband, D. M. Peeler and sons, Charlie, Sammy, Lee and June had been convicted of violating the law of the United States which prohibits the illegal manufacture of whiskey. An eloquent plea for mercy was made by Attorney J. H. Price, who represented the convicted men, but to no avail. The father was sentenced to pay a fine of \$300 and to six months confinement in the jail of Cherokee county. Charlie got a sentence of 60 days in Union county jail and \$200 fine, Lee and Sammy, who are twins, were given sentences of 30 days each in the Lancaster and Spartanburg counties respectively with a fine of \$100, and June was sentenced to confinement in the jail of Cherokee county for 30 days and a fine of \$100. The sentence imposed upon Lee Peeler was suspended until the first day of next January by Judge Smith, in order that he might attend to the affairs of the family while the other members were serving their sentences.

Godfrey Dies from Wounds.

Columbia, Oct. 30.—R. C. Godfrey of Cowpens, for some time employed in Spartanburg as a barber, died here last night of a bullet wound received Wednesday. The inquest will be held tomorrow morning. Two men named Campbell and Cooper have been arrested.

Godfrey was seriously wounded Wednesday night in Waverley by a white man named Campbell. A rifle bullet passed through Godfrey's back and lodged in the region of the left hip.

Godfrey admitted that he was drinking at the time he was shot. He visited several residences in Waverley at an hour near midnight and caused the inmates to fear that burglars were about to force their way in. Godfrey floundered around on the porch at the residence of a widow, Mrs. Moose, and when a negro, Cooper, was called, he knocked him down according to the account. Campbell was at home when Godfrey endeavored to enter and it was then that the shooting took place. Godfrey attempted to get away, but was forced to collapse in a ditch about 100 yards from the Campbell home, which is situated on a street leading through the Haskell lands.

Godfrey was thoroughly frightened, fearing that he would die. He told Sheriff McCain that he did not know where he was wandering, but believed that he was at Cowpens and that he was at his own home instead of Campbell's. Those who saw Godfrey soon after the shooting expressed the opinion that he scarcely knew anything about the circumstances except that he had been wounded. Godfrey is a barber. He is a married man and he requested Dr. Owens to send a telegram to Mrs. Godfrey. Dr. Owens complied with the request of the wounded man.

Old Records Found by Treasurer.

In delving into the old records of the state treasury, State Treasurer Carter has found items of the expense to the state of the house rent for the governor. During the years of 1814-15-16, governor's house rent cost South Carolina \$250, according to the records, and each year the governor changed his residence for some unknown reason. The owner of the governor's mansion in 1814 was J. T. DeLounie, in 1815, was James Douglass and in 1816 was Elizabeth Jenkins.—Columbia Record.

TWO KILLED IN AUTO ACCIDENT.

Prominent Young Men of Ocala Pinned Under Car.

Ocala, Fla., Nov. 1.—David S. Williams, Jr., and A. P. Smith, two of Ocala's most prominent young men, were instantly killed in an automobile accident about three miles from here to-night.

The machine was found upside down in the middle of the road and the bodies pinned underneath. The fatal accident was discovered by some unknown person who telephoned the sheriff from a store near the city limits.

Sheriff Galloway and party reached the scene in a few minutes and extricated the bodies. David S. Williams, Jr., a son of Judge D. S. Williams, was one of Ocala's most promising young men. Mr. Smith, a member of the firm of a well-known company, of this city, came here about two years ago from Baltimore and was well liked by every one.

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LEO FRANK DENIED NEW TRIAL.

Appeal will be Taken to the Supreme Court of Georgia.

Atlanta, Ga., October 31.—Leo M. Frank, whose motion for a new trial for the murder of Mary Phagan, today was denied by Judge L. S. Roan, of the Fulton county court, this afternoon prepared to take his case to the Supreme Court of Georgia. Tonight it was said that attorneys for the convicted man practically had completed drafting a bill of exceptions, on the strength of which they will continue their fight before the highest tribunal of the State.

The bill of exceptions, it was said, will embody practically the same allegations of error contained in the motion for a new trial. These charges, among numerous other counts, prejudice on the part of two jurors and that several popular demonstrations in and near the court room had influenced the verdict. Counsel for Frank also contended that race prejudice against their client, who is a Jew, vitiated the trial.

It was said by Frank's attorneys that the words of Judge Roan in announcing his ruling to-day would be incorporated in the bill of exceptions. Judge Roan, before whom the case was tried, said:

"I have heard all the evidence in this case and taking it altogether I am not thoroughly convinced as to the guilt or innocence of the defendant."

Frank, whose sentence to death was indefinitely suspended pending a final ruling upon the validity of his conviction, to-night maintained his hopeful attitude. He would add nothing to his statement earlier in the day, in which he expressed his disappointment at Judge Roan's decision, but said he was not discouraged over the outlook.

The Nation's Hope in Poor Boys.

I remember speaking at a school not long ago where I understood that almost all the young men were the sons of very rich people, and I told them I looked upon them with a great deal of pity, because, I said: "Most of you fellows are doomed to obscurity. You will not do anything. You will never try to do anything, and with all the great tasks of the country waiting to be done, probably you are the very men who will decline to do them. Some man who has been 'up against it,' some man who has come out of the crowd, somebody who has had the whip of necessity laid on his back, will emerge out of the crowd, will show that he understands the interests of the nation, united and not separated, and will stand up and lead us."—From "The New Freedom" by Woodrow Wilson.

BABY BURNED TO DEATH.

Greek Woman Unable to Give Alarm in Time.

Atlanta, Ga., Oct. 31.—A 5-weeks' old baby, son of John Sermes, a Greek soda stand proprietor, was burned to death here to-day when fire consumed the Sermes shop. The child had been left at home by the mother, who had gone to another store nearby. When she returned and found the house in flames she became hysterical, and neighbors, unable to understand her broken English, did not learn in time that the child was in danger. The cause of the fire is unknown.

DOG ADOPTS THREE PIGS.

Shepherd Mother Fonder of them than of Her Own Puppies.

Three little pigs have been adopted by a mother dog here to take the place of her lost puppies. The mother cares for her foster family as if they were her own.

About three weeks ago Harry Wetmore, who lives near Paris, discovered that three pigs of different litters were about to starve to death. He took them home and placed them in an outhouse, intending to raise them by hand. A shepherd dog raising a litter of five pups, three of which had been given away, was in the house.

A day or so later he went to feed the little founding pigs and found that the shepherd mother had removed them to her bed and was nursing them with her litter of puppies. He started to take them away to feed them, but the dog resented this so vehemently he left them alone. Since then they have had the same fare as the puppies, and are in a thriving condition. The pigs are about three weeks old, and the puppies about six weeks. The pigs are very fond of their foster mother, who in turn is seemingly more fond of them than she is of her puppies.—Paris, Mo., dispatch to New York Sun.

"Placing" the Prisoner.

Not so many years ago State Senator Gottfried H. Wende, of New York, used to be a police magistrate in Buffalo. It was at that time that he grew his grey side whiskers. A story that he enjoys telling on himself is this:

"Well, one day a young man was brought in, and he looked mighty familiar to me, and I said to him: 'Young man haven't you been in this court before?' And he said: 'No, your honor.' But I couldn't believe him, his face looked so familiar. And I looked him over again and I said to him:

"'Young man, are you sure you've never been arrested and been in this court before?' And the fellow said: 'No, your honor; this is the first time I was ever arrested.'

"And I looked him over again, and the police looked him over, and the clerk looked him over, and finally I said: 'Well, young man, you certainly look honest, but I can hardly believe. Your face is so familiar to me. Where do you work?'

"And he said: 'Why, your honor, don't you remember me? I'm tending bar around the corner.'—New York Evening Post.

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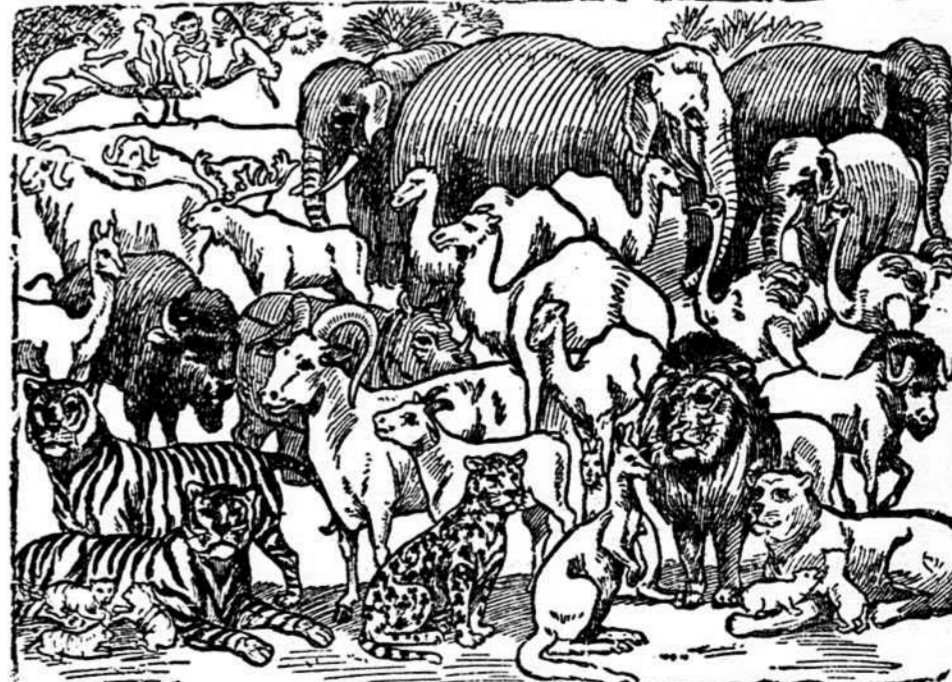
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