

THE IMPURITIES FLY

LIFE FLUID REMOVED, CLEANS- ED AND RETURNED.

Invention Is Demonstrated—Another Device Will Tell You Whether You Are Hungry or Merely Have An Appetite.

Philadelphia, Jan. 2.—An apparatus by which blood may be removed from the system, and a contrivance by which it can be determined whether one is suffering from hunger or merely has an appetite, were among the inventions demonstrated to-day by members of the Federation of American Societies for Experimental Biology in annual session here.

A dog was utilized to illustrate the blood purifying apparatus which was the result of the work of Dr. J. J. Abel, L. G. Browatree and B. H. Turner of Johns Hopkins University of Chicago, demonstrated on himself the efficiency of the hunger-testing machine, which was his own invention.

Dr. Carlson defined hunger as a sensation which arises in the stomach while appetite, he explained, is a nervous phenomenon of the brain, swallowing a small cigar-shaped rubber balloon which had been fitted with rubber tubes he inflated the balloon in his stomach through the tubes and then attached the latter to sensitive paper. Hunger, he declared, caused the muscles of the stomach to grip the balloon and drive out the air which registered the amount of hunger on the sensitized paper.

White rats and mice were used in an experiment designed to illustrate the diffusion of the blood supply. Dyes injected into their blood vessels circulated in a short time, until the little animals changed the color of their flesh without much apparent discomfort. One rat that was green to the end of his tail, while even the film of his eyes was the color of emerald. The other was similarly transformed by the use of red dye.

SOLVED BY CANADIAN.

Isolation of Kashmir Is Ended by a Kingston Engineer.

The far-famed Vale of Kashmir, in northern India, is to be brought into contact with the outer world by means of the longest aerial cableway in the world—75 miles across the Himalayas, constructed by Lieut.-Col. A. J. de Lotbiniere, a Canadian military engineer, formerly of Kingston, and son of the late Sir Henry Joly de Lotbiniere. Engineers have long tried to solve the problem of adequate transportation across this mountain barrier. It is crossed at present by a road 200 miles long, a wonderful piece of engineering, completed in 1887. Fifty-four men were killed by falling boulders during its construction, and owing to the presence of these huge loose rocks in the soft soil, the building of a railroad—even a light electric road—has been pronounced impracticable. There is nothing for it but to swing a cable high in air over the treacherous mountain chain.

At the suggestion of Lt.-Col. de Lotbiniere, whose services had been loaned to the Kashmir Government as State Engineer, it was decided to cause investigation of the feasibility of an aerial cableway, and if possible, to enter on this project. This survey has been completed and has demonstrated to the satisfaction of the firm and of the Kashmir Government that the scheme is practicable and will not be unduly expensive. It is anticipated that the cost will amount to about \$1,500,000.

The cables will be constructed in big spans of about 300 yards each, with fixed cables upheld by iron pillars or towers of lattice-work, some of which will have to be 100 feet high. There will be separate sections every five miles and separate cables, of course, for outgoing and incoming freight, which will be about nine feet apart and with a diameter of 1.4-2 inches each. From these cables steel cars will be suspended and conveyed, about 30 to every mile, and holding 25 to 450 pounds each of freight.

These cars will be carried over great gorges and precipitous hills, and in some instances there will be sheer drop underneath them of 1,500 feet. The transfer of cars from section to section will be automatically accomplished by revolving drums which will effect release of the cars and their renewed gripping to the haul-ropes of the next section. On account of the difficulty of expansion and contraction from heat and cold, the cables will be equipped with a complicated system of springs anchored with tremendous weights to make them of the same length all the year round. The cableway will follow the gorge of the Jhelum river most of the way, which it will frequently cross and recross, accordingly as the gorges and precipitous hills, and in some instances there will be sheer drop underneath them of 1,500 feet.

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It will not be the intention at first to use the aerial cableway for transport of passengers, but only for freight. However, if the cableway is found to work with perfect safety and no accidents occur, it is likely that within a year or two it will be equipped with cars suitable for passengers.

Kindness Nets Him \$38,000. An act of kindness, performed a year ago, has brought a handsome reward to Edward Goode, a chauffeur, living at 90 St. Catharine street, Montreal, in the shape of a legacy of \$38,000.

A year ago, Goode was in the U. S. army, at Douglas, Arizona. Running from a sham fight in the course of which he had become separated from his companions, Goode encountered an elderly man, who was lying at the side of the road, bleeding profusely from a cut in the head and injuries to his legs, received when thrown off a runaway horse. The soldier, after staunching the bleeding, carried him on his back to the nearest house, a distance of three miles.

The old man was A. Jameson, a wealthy rancher. Shortly afterwards Goode left the army and came to Canada, after paying a farewell visit to Jameson, who was still in the hospital with his injuries. Some time ago Goode received a visit from an old companion in arms, George Marceau, who brought with him a clipping from the Douglas Conservator, containing an account of the death of Jameson and telling of the disposition of his property. A few days later Goode received a letter from an attorney confirming the legacy.

Water Will Cover Village. The little village of Saint Charles, Que., on the Saguenay River, is bound to disappear if Col. E. A. Scott succeeds in his scheme of damming the big river at the head of the famous Rapids named Grande Descharge.

Col. Scott, who has already done much for the industrial and farming development of the region, has succeeded in organizing a syndicate of English, French and Canadian capitalists to start one of the most progressive paper industries of the province. Over \$4,000,000 will be spent in damming the river and in the erection of a pulp and paper plant.

Study In Black and White. Acting on the principle probably that a fair exchange is no theft, some hens from Mr. Dan Wilton's white henworks and is leaving black biddies in their place. As the trading operations have been going on steadily for some time and Mr. Wilton's flock is gradually changing from white to black, he is wondering what object this break artist can have in trying to change the color of his fowl.—Walkerton Herald and Times.

Hans Schmidt, ex-priest, will be re-elected in January in New York. The movement for a Dominion Bar Association has made material progress.

Every member of the family should see this fruit laxative as occasion demands. It is just as effective for grandpa as it is for baby. It simply can not injure. Even cross, sick, feverish children just love its pleasant taste, and mothers can rest easy after giving it, because it never fails to effect a good "inside-cleansing."

For thirty years "California Syrup of Figs" has been recommended by physicians as the ideal stomach, liver and bowel cleanser. Millions of families who are well informed use nothing else, but recently there has come a flood of spurious fig syrups so we warn the public to ask plainly at drug stores for a 50 cent bottle of "California Syrup of Figs," and see that it is prepared by "California Fig Syrup Company." We make no cheaper size. Hand back any "counterfeit" with contempt.



THE BIRD-THE-MOUTH "BONNET" BEAUTY'S LIPS GEMMED. The above picture shows Miss Clara Beck, who was Vice in the "Ev-erywoman" play, appeared in "Come Over Here," and is the principal boy in "Old King Cole." She is wearing a head-dress suggesting in shape a baby's bonnet—with its gemmed ornaments so arranged that they are

ROYAL NICKNAMES.

Every Scion of European Ruling Houses Has Some Pet Cognomen.

In Great Britain and also in Germany nicknames for the respective monarchs are popular, and almost every member of the royal families as well as prominent men generally have them.

His Majesty King George V. is frequently referred to as "Doddie" in Scotland, where "Dod" is the vernacular for "George," though his subjects south of the Tweed prefer the plain "George."

The late King Edward was often called "Edrex," a nickname very obviously derived from the royal signature, "Edward Rex." Before his assumption of the Crown he was familiarly known as "Bertie," and by the other members of the royal family as "The Guy."

It would be impossible to give all the nicknames bestowed on that most active and interfering monarch, by Emperor of Germany, inasmuch as the cartoonists give him a new one every day or so. "Frederick the Greatest," "Ajax," "Gondola Willie," and "The Captain" are probably the most used. It is interesting from the psychological point of view that in each instance the intent is to sarcasm pure and simple. "Punch" is responsible for "The Captain," it having printed the famous cartoon which represented the Kaiser as the captain of a ship watching the pilot, Bismarck, going down the gangway after his dismissal.

That the Emperor of All the Russias is beloved of many of his subjects, despite popular ideas as to the contrary, is easily proved by the familiar designation of "Nicky," which has clung to him since his boyhood. "The Father," a French term of the King of Denmark was usually termed, as well as the "Father Francis," by which the Emperor of Austria is known, are evidence of the depth of affection and reverence shown to each by their subjects.

But the late King Leopold of Belgium had to content himself with the very unflattering title of "The King with a Nose."

"The Little Signor," as the King of Italy is called by his people, brings to recollection the endearing term of the war batters, "Frenchy King of Denmark was usually termed, as well as the "Father Francis," by which the Emperor of Austria is known, are evidence of the depth of affection and reverence shown to each by their subjects.

Many distinguished men bear queer nicknames, but among the most unaccountable is "Blue Monkey," applied to the Marquis de Severol, so many years the ambassador of Portugal to Great Britain. King Edward himself applied this very appropriate name of "The Ancestor" to Lord Ribblesdale because of the latter's odd way of dressing. And is not the head of the British Peerage known as "The Dumpling" among the young setons of his line?

Mayor Graham was re-elected in London, Ont.

Old World Canals.

China has led the world in the matter of canal making, and its day stands first among the nations for the skillful utilization of her inland waterways. One great canal maintains communication between Peking and Canton, a distance of 1,200 miles, and in total extent of the canals of China is over 5,000 miles. Russia owns the longest canal in the world, extending from St. Petersburg to the Chinese frontier, a distance of 4,472 miles, and also the second longest, covering 4,434 miles, between Astrakhan and St. Petersburg. As regards numbers of separate canals, Holland claims precedence, but her total mileage of inland waterways is only 930 miles.

The Foz In the Orient.

The foz or tarbush is limited by no considerations of nationality or faith. It is the almost universal head covering of the eastern and southern lands of the Mediterranean and has been widely distributed in the still active diffusion of Mohammedanism. This type of felt hat without brim is of the utmost antiquity and seems to have undergone no marked change save the fassel from the early monumental record of the Euphrates valley. The designation, foz, comparatively modern in its application, derives from the oasis of that name, which was long considered the only source of dyestuffs which could be the peculiar shade of red most favored.

Some Meteors.

One of the earliest known meteors fell in 204 B. C. in Phrygia, where for a long time it was worshipped. It was carried to Rome and was supposed to be a messenger from the gods. Livy describes a shower of meteoric stones. The people were greatly alarmed, and the senators were de-moralized and declared a nine days' fast to propitiate the gods. There is at Mecca a meteorite which could be 600 A. D. and is still worshipped by the faithful.

Where the Shoe Pinches.

Every man will dispute with great humor upon a subject in which he is not interested. I will dispute very calmly upon the probability of another man's son being hanged, but if a man zealously enforces the probability that my own son will be hanged I shall certainly not be in a very good humor with him.—Johnson.

The Alternative.

A Frenchman applied to a local official for a passport to visit Klatterwingecken, in Switzerland. The functionary, who was not a fellow of any geographical society, studied in vain with the spelling of the place's name. Then, unwilling to confess his difficulty, he blandly asked, "Would you as lief visit some other town?"

Turks Love Red Hair.

In Turkey red hair is so much admired that many women dye their hair this color.

General Huerta will himself take the president's Mexican rebels.

Howe Island Township.

Reeve—John Foy. Councillors—John Driscoll, John Walker, John McDonald, Patrick Kane.

Only One "BROMO QUININE."

That is Laxative-Bromo Quinine. Look for the signature of E. W. Grove. Cures a cold in one day. Gives grip in two days. 25c.

Hon. J. F. McLeod, former provincial secretary of New Brunswick, was elected by acclamation to the seat in the Commons vacated by the elevation of O. S. Crockett to the bench. Da Vinci's great masterpiece, "Mona Lisa," has been returned to Paris. The passing of the old year was celebrated hilariously in Toronto.

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SCHMIDT TRIAL JAN. 12

Second Attempt to Convict ex-Priest of Murder New York, Jan. 12.—Hans Schmidt in whose trial for the murder of Anna Amuller the jury disagreed, will be tried for the second time, beginning January 12th, before the criminal branch of the state supreme court here. This decision was reached at a conference between District Attorney Whitman and Supreme Court Justice Davis. A special panel of one hundred talesmen will be ordered.

Keelerville Tidings.

Keelerville, Dec. 30.—The Christmas tree was a grand success. The children certainly did themselves and those who trained them great credit. Miss Fleming, the popular school teacher, is spending her holidays with her parents in Kingston. Daniel Moore's sale was well attended, and everything sold well; cows bringing as high as \$76 each. The people are sorry to lose D. Moore who intends moving to the city. He has resided here for many years, and has taken a great interest in every enterprise having for its great object the welfare of the community, being for many years superintendent of the Sabbath school and trustee of our public school. Mr. and Mrs. J. E. Anglin accompanied by their two children, Mildred and Pauline, motored to Glen Innes, near Brockville and spent Christmas with Mrs. Anglin's sister Mrs. W. T. Towrie, Mr. and Mrs. Charles Clark and family spent Christmas day at Thomas Clark's, Cedar Lake. Mr. and Mrs. R. J. Stanley spent Christmas at Christmas holidays with Mr. and Mrs. William Dixon, Jr. spent Christmas at William Sleeth's, Round Lake. Mr. and Mrs. William Dixon, Sr., at Robert Dixon's, Batterssea. Mr. and Mrs. Edward Sleeth and family spent Christmas at Don-ald Sleeth's, Cedar Lake. William Stenness arrived home from Saskatchewan and will spend a couple of months here. Miss Mildred Anglin, who has been attending Kingston Collegiate Institute, is home for the holidays. Rev. W. W. Anglin, Palgrave, and his little son, "Jack," are visiting at J. E. Anglin's. Samuel Yateman has moved into his new house. A large number from here expect to attend the annual New Year's tea at Batterssea.

THE ROYAL BANK OF CANADA

INCORPORATED 1868 Capital Authorized \$ 25,000,000 Capital Paid U. 11,500,000 Reserve Funds 18,000,000 325 Branches Throughout Canada. Savings Department at all Branches. LONDON, ENG., OFFICE NEW YORK AGENCY Bank Bldg.—Princes St. Kingston BRANCH, E. E. NEWMAN, Manager.

This Remarkable Sale Of Overcoats on Saturday

Don't stand and wonder why a black hen lays a white egg. Just come and get the egg. Just Stop To Think of It There is the finest stock of Men's Clothing offered to the public at manufacturers' cost. Overcoats for Men and Young Men. Style, shawl collar, belt-back ulster, newest shades of brown and greys: Reg. \$15.00, for \$8.95 Reg. \$10.00, for \$6.95 Boys' Overcoats with shawl collar and belted backs: Reg. \$10.00, for \$6.65 Reg. \$8.50, for \$4.95 Reg. \$6.50, for \$3.45 We pay as much attention to the style and fit of our Children's clothing. We will show you some beautiful patterns at low prices.

Boots and Shoes

Men's Gun Metal Patent and Tan Boots, in button or lace: Reg. \$5.00, for \$3.25 Just received, a large shipment of Children's High Button Boots, sizes 8 to 10-1-2: Reg. \$3.00, for \$2.50 Wishing our customers a Happy and Prosperous New Year.

Louis Abramson

The Canadian Automobile Federation will ask the government to use convict labor in the work of building good roads. London, Ontario, favored street cars on Sunday by a vote of two to one. Hon. J. R. Stratton, Peterboro who has been seriously ill is now showing improvement. The London and Port Stanley Railway Commission arranged for a year's extension of the lease to the Pere Marquette Railway company. At Port Arthur Sir William Mackenzie drives the last spike in C.N.R. division. Fire gutted three handsome Montreal residential apartments through lack of water.

Advertisement for Ganoni's Chocolates, featuring a box of chocolates and the text 'Above all things Give HER a box of Ganoni's Chocolates'.

Advertisement for Carnovsky Motor Cars for Hire, located at Bibby's Garage, Brock Street, Kingston.

Advertisement for Collier's Toggery Shop, featuring a man in a suit and the text 'COLLIER'S Toggery Shop The Home of Neckwear Men Will Wear'.

Advertisement for Kingston Cement Products Factory, located at the corner of Charles and Patrick streets, Kingston.