

"JET" BUTTONS OF GLASS.

Their Manufacture Shifts from Bohemia to New York.

Jet buttons, so called, are not jet at all. They are merely glass, but they serve the purpose just as well, look just as they are and are much cheaper.

Until recently nearly all of them came from Bohemia, but they are now made in this country, and American manufacturers are able to compete with the foreign trade. The process used is a secret.

The process begins with the long black rods of glass composition, from which the buttons were made. These rods are round, about four feet long and three-quarters of an inch in thickness. Three of them are taken at a time by the buttonmaker, held together and so placed on the bench that one end is kept constantly over a tongue of fire, the gas used being blown by wind from a bellows worked by steam power and connected by pipes with each work bench. With a little steel rod held in the hand the buttonmaker picks from the now molten mass of glass a large drop. This he skilfully holds in such a manner that a mould made in two sections, like an iron vice, shuts, catches the drop in its mouth, presses it into the shape of the die and then swallows it. Upon being swallowed, the button falls through a pipe two feet long into a pall.

A feature of the pressing of the buttons is that an eyelet is pressed into the button at the same time, it having previously been placed in the die. The buttons are washed in cold water, and then the rough edges from the moulds are cut off by boys with scissors. From here they are carried to the edges—girls whose work consists in giving the buttons a finish with emery wheels.

The buttons at this stage have in appearance of an ordinary black jet button. Polishing them on a wheel of some peculiar foreign wood, on the surface of which a preparation is put, gives them a glossy appearance. The morning or crepe effect is attained by the pattern of the die, and then by soaking the buttons in certain chemicals.

With new and approved appliances 100 gross of buttons can be made on one press in a day. The eyelets used are made of brass wire, which is run from a spool on to a small revolving rod. When taken off this it has the appearance of a long coil spring. This is placed in an enclosed mechanism and a circular saw of hard steel cuts it into as many little rings as there are turns in the wire.

From the manufacturing department the buttons are taken to the carders, generally girls, who place them on cards and fasten them with needle and thread. The cards are placed in boxes, and the buttons are ready for market. On a sample card shown were glass or jet buttons of nearly every imaginable shape, color and effect, from the sombre crepe to one sparkling with silver and gold.

New York Journal.

The Bath of the Orange.

Fresh from the tree, an orange is still very much alive, with the oil cells expanded and the mystery of growth not yet suspended. Cut off from the sap supply, a change taken place. The skin draws closer to the pulp and gives off moisture that would cause sweating if the fruit were packed at once. But first these dust-stained travelers must have a bath.

By the bushel—if only this were the land of the good old bushel-basket—the newcomers are dumped in to a long, narrow tank of water, at one end of which is a big wheel with a tire of soft bristles. The wheel revolves so that the lower edge works in connection with another set of brushes in a smaller tank below, and the oranges, after bobbing about in the big tank, pass between the wet brushes and come out bright and clean.

This washer is a neat machine, and does away with the more primitive yet picturesque method of hand-washing.

At some of the smaller packing-houses may still be seen groups of women, sometimes white, sometimes brown-skinned, each with tub of water and brush, scrubbing busily away at the yellow piles that never seem to grow less till the last hour of the day.

After their bath the oranges are spread out in the sun to dry on long, slanting racks. At the lower end they roll off into boxes to be carried away to the warehouse for their rest.

An orange needs a deal of grooming, it would seem, before it is ready for market. The washing was not enough. There must be a brushing, too. And after the days of curing, the oranges are fed into a hopper which drops them single file on to a belt that runs between revolving cylindrical brushes. This for a smooth, shiny look—Los Angeles Herald.

Coffee as a Barometer.

A cup of hot coffee is an unfailing barometer, if you allow a lump of sugar to drop to the bottom of the cup and watch the air bubbles arise without disturbing the coffee. If the bubbles collect in the middle, the weather will be fine; if they adhere to the cup, forming a ring; it will either rain or snow; and if the bubbles separate without assuming any fixed position, changeable weather may be expected.

The climate of northern Ontario is not unlike that of northern Europe, and its soil is equal to that of many thickly peopled portions of the Old World.

THE MARKET.

FITTINGHO.

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Long Hair

"About a year ago my hair was coming out very fast, so I bought a bottle of Ayer's Hair Vigor. It stopped the falling and made my hair grow very rapidly, until now it is 45 inches in length."—Mrs. A. Boydston, Atchison, Kans.

There's another hunger than that of the stomach. Hair hunger, for instance. Hungry hair needs food, needs hair vigor—Ayer's. This is why we say that Ayer's Hair Vigor always restores color, and makes the hair grow long and heavy. \$1.00 a bottle. All druggists.

If your doctor cannot supply you, send for a bottle. Be sure and give the name of your nearest city. Address: Dr. J. C. Ayer & Co., Lowell, Mass.

Dizzy?

Then your liver isn't acting well. You suffer from biliousness, constipation. Ayer's Pills act directly on the liver. For 60 years they have been the Standard Family Pill. Small doses cure. All druggists.

When your complexion is badly discolored, use BUCKINGHAM'S DYE for the skin. It restores the natural color and gives a healthy glow. Price, 25 cents a box. Sold by all druggists.

Convicts Making Binding Twine.

The use of binding twine is so general that the industry of manufacturing it has become one of magnitude in the states of Kansas and Minnesota. These states produce twine plants where the convicts of the penitentiary prepare the twine for farmers at cost. The state of Kansas will this year use about 12,000,000 pounds of twine at a cost of about 10 cents a pound, of which the state plant will furnish one-fourth.

Laundering Thin Drivers.

To handle the exquisite creations of man and lace in which this season's fashions are so rich, the most delicate materials will not be injured if washed with every soap and dried in the sun. But this is a very bad idea. The latest fashions are made of delicate materials, and the sun and air will ruin them. Use a special soap and dry in the shade.

Indians of the Colorado.

The Cocopa Indians of the Lower Colorado (in both Baja, California and Sonora) are of interest partly because they have practically escaped attention on the part of scientific investigators until within a few months ago, and partly because of the curious which distinguish them. They are essentially an agricultural folk, though their agriculture is of the most primitive sort, affording, indeed, a better picture of prehistoric agricultural methods than those of any other known tribe. Their customs well illustrate, too, the dependence of primitive industries, modes of life and even habits of thought, on surroundings. For, like the fellahens of the lower Nile, they are creatures of the river along which they live, driven from the bottom lands by the annual freshets, and brought back by ensuing droughts to the annual silt deposits. Perhaps of primary interest among their customs is their disposal of the dead. They not only distribute the property of the deceased among non-relatives, but burn the body and the habitation together. A considerable part of the tribal lore is connected with the mortuary custom, and custom and lore together afford the remarkable insight into the esoteric life of primitive peoples.

As early as 1666 there were 40,000 operatives in the English silk mills and cocoon houses.

Gardoid headache powders help people to feel well even in the extremely hot weather. By their use a headache can be cured quickly and the whole system toned and refreshed. A trial always remains.

The King of Italy received 20,000 telegrams of congratulations in the first day or two after the birth of his daughter. He also received 2,000 requests for money in honor of the event.

Each package of FERRY'S FEVERS DYE colors more goods than any other dye and colors them better too. Sold by all druggists.

Of 2000 pigeons set free at Spaulden, the majority reached Hamburg, a distance of 160 miles, in three hours.

Some people act like fools and other people don't have to act.

Ladies Can Wear Shoes One size smaller after using Allen's Foot-Powder. A powder for the feet. It makes tight or new shoes easy. Cures swollen, hot, cracked, itching feet. Growing nails, corns and bunions. At all druggists and shoe stores. Trial package FREE by mail. Address: Allen S. Olmsted, Le Roy, N. Y.

Merrh, which comes from Arabia and Persia, was used as medicine in the time of Solomon.

Heat For the Bowels. No matter what ails you, headache to a cancer, you will never get well until your bowels are put right. Cascara's help nature, cure you without a griping pain, produce easy natural movements, cost you just 10 cents to start getting your health back. Cascara's Candy Cathartic, the genuine, put up in metal boxes, every tablet has C. C. C. stamped on it. Beware of imitations.

The frog is a kicker, but the fish gets along swimmingly.

A London diamond merchant, while going to his office recently, in a fit of abstraction pulled an old envelope out of his pocket and commenced to tear it up. When he reached the last section the terrible fact dawned on him that it was the envelope in which were some 1,000 small diamonds valued at \$500, and that he had been solving these broadcast over a public thoroughfare. Some of them have been recovered, but others have never been heard from.

FITZ permanently cured. No other nervousness after first day's use of Dr. Kline's Great Nerve Restorer. \$1 trial bottle and treatise free. Dr. R. H. Kline, Ltd., 531 Arch St., Phila., Pa.

The self-made man never thinks of apologizing for himself.

Mrs. Winslow's Soothing Syrup for children teething, softens the gums, reduces inflammation, cures pain, and cures colic. 25¢ a bottle.

It is easy to fall into a fortune without hunting for it.

Lemure's Place's Cure for Consumption saved my life three years ago.—Mrs. Thomas Roberts, Maple St., Norwich, N. Y., Feb. 17, 1900.

It is easier to pay compliments than to pay debts.

Albert Burch, West Toledo, Ohio, says: "Hall's Catarrh Cure saved my life. Write him for particulars. Sold by Druggists, 50¢."

An uncertain temper is better than one that is certainly bad.

H. H. Green's Sorey, of Atlanta, Ga., are the only successful Druggists in the world, see their liberal offer in advertisement in another column of this paper.

It takes a pointed remark to get into some heads.

Sailors do not constitute the floating population.

Simple and effective: these are two of the reasons why Gardoid Headache Powders meet with the approval of conservative people; they contain nothing that harms or disturbs the system and they cause many bad colds.

Speaking of women who cry, the Eskimo women fairly lay on blubber.

If You Wish To make \$15.00 by solving a comparatively easy THOUGHT TEST, which will give the name of a well-known flower, send your name and address to "THE UNIQUE MONTHLY," Dept. A, Temple Court, New York.

The University of Notre Dame, NOTRE DAME, INDIANA. Classes: Law, Economics and History, Journalism, Art, Science, Pharmacy, Law, Civil, Mechanical and Electrical Engineering, Architecture, Surveying and Commercial Courses. Educational students at special rates. Jesuita Free. Director of Senior Year College. Catalogue free. For more under 10¢. 200 E. St. N. D., Ind. will open September 10th, 1901.

Dropsey NEW DISCOVERY. Great relief and cures worst cases of DROPSY, EDEMA, etc. Price, 25¢ a bottle. Dr. R. H. Kelly, 1000 St. 2nd St., N. D., Ind.

"The name that made West Point famous." McILHENNY'S TABASCO. FREY'S VERMIFUGE. The children's tonic, cures of WORMS. Removes them effectually and without pain. 60 years' record of success. It is the remedy for all worm troubles. Entirely vegetable. 25¢ a bottle. At druggists, country stores or by mail. E. & S. FREY, Baltimore, Md.

PISO'S CURE FOR CONSUMPTION. Thompson's Eye Water. Tractated with eye eye use.

Canoe-building is one of the industries of Kennebunkport, Me., which used to build great ships, and even now launches an occasional schooner.

The vegetarian movement does not appear to have made noteworthy inroads upon the armies of the meat eaters. Never was the demand for fresh food so extensive.

Prevent Baldness

And Cleanse the Scalp of Crusts, Scales, and Dandruff by Shampoos with



And light dressings with CUTICURA, purest of emollients and greatest of skin cures. This treatment at once stops falling hair, removes crusts, scales, and dandruff, soothes irritated, itching surfaces, stimulates the hair follicles, supplies the roots with energy and nourishment, and makes the hair grow upon a sweet, wholesome, healthy scalp when all else fails.

Millions of Women

USE CUTICURA SOAP, assisted by Cuticura Ointment, the great skin cure, for preserving, purifying, and beautifying the skin, for cleansing the scalp of crusts, scales and dandruff, and the stopping of falling hair, for softening, whitening, and soothing red, rough, and sore hands, for baby rashes, itchings, and chafings, in the form of baths for annoying irritations and inflammations, or too free or offensive perspiration, in the form of washes for ulcerative weaknesses, and many sanative, antiseptic purposes which readily suggest themselves to women and mothers, and for all the purposes of the toilet, bath, and nursery. No amount of persuasion can induce those who have once used these great skin purifiers and beautifiers to use any others. CUTICURA SOAP combines in ONE SOAP, at ONE PRICE, the BEST skin and complexion soap, the BEST toilet and baby soap in the world. Complete External and Internal Treatment for Every Mucous.

Consisting of CUTICURA SOAP to cleanse the skin of crusts and scales and soften the thickened outside, CUTICURA OINTMENT to instantly soothe itching, inflammation, and irritation, and soothe and heal, and CUTICURA RESOLVENT, to cool and cleanse the blood. A SPECIAL BATH offers a sure method to cure the most stubborn, itching, disfiguring, and humbling skin, scalp, and blood humors. Sold throughout the world. British Depot: F. Newhall & Sons, 25, St. Charles Street, London. Toronto: Price and Cutic. COBBS, Sole Proprietors, Boston, U. S. A.

LION COFFEE

A LUXURY WITHIN THE REACH OF ALL.

"The Enigma in the Sun."



The fiery sun is in the East And as on it we gaze, Our eyes upon the legend feast Embosomed in its rays. What secret may there be immersed Within that glaring sun. What means the words "September first, Nineteen hundred and one?"

September first? That is the date When LION COFFEE grand, In newest Premium List so great Distributes through the land. Most useful gifts for young and old, For home, for work or play, And there's a variety untold For anyone to-day.

Be sure and ask your grocer, then, To give you, on that date, Our newest List, or, take your pen, If you don't want to wait, And write a letter straight to us— A two-cent stamp inclose, We'll forward you the List, and thus, No trouble you impose.

Just try a package of LION COFFEE and you will understand the reason of its popularity.

WOOLSON SPICE CO., TOLEDO, OHIO.