



Wonder Clocks

Among the most curious clocks in the world are two in Worsley, Lancashire, England, that never strike one. Instead they strike thirteen at 1 a.m. and 1 p.m. One of them is over the Earl of Ellesmere's place, called Worsley Hall, and is the original clock which the Duke of Bridgewater and placed in the tower. It is said that the duke had the clock made to strike the "unlucky" number so as to warn his workmen that it was time to return after dinner, some of them having excused themselves for being late on the ground that they could not hear it strike one.

This recalls the incident when the big clock of the Houses of Parliament saved a man's life. A soldier in the reign of William and Mary was condemned by court-martial by falling asleep while on duty in the terrace at Windsor. He stoutly denied the charge, and by way of proof solemnly declared that he heard Old Tom (the predecessor of Big Ben) strike thirteen instead of twelve. The officers laughed at the idea, but while the man was in prison awaiting execution several persons came forward and swore that the clock actually did strike thirteen, whereupon the soldier was pardoned and released.

PETER LIGHTFOOT'S CLOCK.
Wells Cathedral contains one of the most interesting clocks in the world. It was constructed by Peter Lightfoot, a monk, in 1320, and embraces many devices which testify to the ancient horologist's ingenuity. Several celestial and terrestrial bodies are incorporated in the interesting movement and relationship. They indicate the hours of the day, the age of the moon and the position of the planets and the tides.

When the clock strikes the hour two companies of horsemen, fully armed, dash out of gateways in opposite di-

HOW TO AVOID BACKACHE AND NERVOUSNESS

Told by Mrs. Lynch From Own Experience.

Providence, R. I.—"I was all run down in health, was nervous, had headaches, my back ached all the time. I was tired and had no ambition for anything. I had taken a number of medicines which did me no good. One day I read about Lydia E. Pinkham's Vegetable Compound and what it had done for women, so I tried it. My nervousness and backache and headaches disappeared. I gained in weight and feel fine, so I can honestly recommend Lydia E. Pinkham's Vegetable Compound to any woman who is suffering as I was."—Mrs. ADELINE B. LYNCH, 100 Plain St., Providence, R. I.

Backache and nervousness are symptoms of nature's warnings, which indicate a functional disturbance or an unhealthy condition which often develops into a more serious ailment.

Women in this condition should not continue to drag along without help, but profit by Mrs. Lynch's experience, and try this famous root and herb remedy, Lydia E. Pinkham's Vegetable Compound—and for special advice write to Lydia E. Pinkham Med. Co., Lynn, Mass.

FREE

To Asthma, Hay Fever and Catarrh sufferers. Write to-day and get a trial treatment of the world's greatest remedy, Buckley's two bottle mixture; nothing ever made like it. One bottle gives instant relief, while the other drives the poison from the system. Something different; no burning or nerve wrecking drugs, but two scientific mixtures that will conquer any of the above ailments. Don't hesitate a minute longer. Fill out the blank below and get started on the road to health.

W. K. BUCKLEY MANUFACTURING CHEMIST,
97 Dundas St. East, Toronto.

Fill out this form and send it to-day for a limited time only I make this offer.

NAME.....
ADDRESS.....

rections and charge vigorously. They strike with their lances as they pass as many times as correspond with the number of the hour. A little distance away, seated on a high perch, is a quaint figure, which kicks the quarters on two bells beneath his feet and strikes the hours on a bell. The dial of the clock is divided into twenty-four hours and shows the phases of the moon and a map of the universe.

An oddity in clocks is the invention of a Frenchman, Paul Cornu. It consists of a dial mounted above a reservoir and having a sort of seesaw mounted upon its support. The reservoir holds sufficient alcohol to last for a month, and this serves as fuel for a small flame that burns at one end. The heat from the flame causes the air to expand in the bulb of the seesaw directly about it. As a result the seesaw moves every five seconds. This movement is the sole motive power that actuates the clock.

CLOCKS THAT SPEAK.
In Switzerland are made clocks that do not require hands and faces. The timepiece merely stands in the hall, and one presses a button, which by means of the phonographic internal arrangements call out: "Half-past four," or "Five minutes to ten," or whatever the time may be.

A Swiss has invented a remarkable sick-room clock. When a button is pressed an electric lamp behind the dial throws the shadow of the hours and hands magnified upon the ceiling, so that invalids can see it from bed without craning their necks or putting themselves to any inconvenience.

A Dutch shoemaker spent fifteen years of his leisure moments in constructing a clock of the grandfather shape nearly six feet high, made entirely of straw. The wheels, pointers, case and every detail are exclusively of straw. The clock is said to keep good time.

The clock of the Lyons Cathedral is a wonderful piece of mechanism, and the legend describing it as follows: The cock crows, the bell sounds the hours, the little bells of the Sancta Spiritus, the angel opens the gate to salute the Virgin Mary, the heads of the two Hons move the eyes and the

Minard's Liniment Co., Limited.
Gentle—A customer of our cured a very bad case of distemper in a valuable horse by the use of MINARD'S LINIMENT.
Yours truly,
VILANDIE FRERES.

tongue, the astrolabe shows the hours in its degrees and the movement of the moon. Moreover, the perpetual calendar shows all the days of the year, the feast days and the bissextile. The hours at which the chimes are complete are five and six in the morning, midday and 1 and 2 o'clock in the afternoon. The chimes at the other hours are restricted so as not to interfere with the cathedral service.

Complicated indeed is the clock of the Beauvais Cathedral. It is said to be composed of 92,000 separate pieces, according to a French statement. One sees on the fifty-two dial plates the hour, the day, the week and the month, the rising and setting of the sun, the phases of the moon, the tides, the time in the principal capitals of the world, together with a series of terrestrial and astronomical evolutions. The framework is of carved oak, 8 by 5 meters or 26 by 16½ feet. When the clock strikes all the edifice seems in movement. The designer wished to depict the Last Judgment. This wonderful clock is the work of a Beauvaisian, M. Verite. He died in 1887.

Minard's Liniment for sale everywhere

EVENING HYMN.
Now do the shadows fall
Evening anon—
Low sinks the setting sun,
Night has begun;
Birds to their nests have flown,
All is at rest,
God in His heaven above
Knoweth what's best.

Slowly the stars come out,
One after one,
Telling each weary heart,
Day's labor done,
In the soft moonlight's beams,
All becomes fair,
What need to worry now?
Banish all care.

Fresh dews now bathe our brow
Nature's soft tears,
Sweet voices of the night
Fall on our ears;
Peace then steals over us
Sent from above,
Telling each mortal soul
That God is love.

Minard's Liniment Cures Dandruff.

cleans
sinks
closets
drains—
kills rats,
mice, bugs
destroys
dirt

COMFORT LYE

Extra Strong

UNDERSEA OIL LINE.
How Tankers Load at Tuxham, Mexico.

Many of the most productive oil wells in the State of Vera Cruz, Mexico, are situated near the port of Tuxham. For some distance from the shore the water there is so shallow that few of the large oil steamships can get into port. The oil companies hit upon the idea of laying submarine pipe lines to points where the largest oil tankers can be conveniently moored for loading in any state of tide and weather.

There are now five of these great iron pipes in duplicate. They are from six to eight inches in diameter, and four of them are nearly a mile long. They terminate in forty-three feet of water, where it is so deep that the waves have no effect upon them. When they were laid divers fastened to the end of each 120 feet of flexible hose, when not in use the free end of the hose is closed and allowed to lie on the sea bottom, where its position is marked by a mail buoy attached to the hose by a taut chain.

When tank steamships arrive they moor themselves to the permanent buoy with a derrick, raise the flexible hose to the deck of the ship and attach it to the tank openings. By means of a signal code, the captain of the ships notify the pumping station on shore, in which are the valves that control the flow of oil through the pipe line. Generally speaking it takes about twenty-four hours to load one of the large 15,000 ton tankers, which means that the pipes deliver 4,376 barrels of oil an hour.

Truth is the highest thing that man may keep.—Chaucer.

It's the Truth That Hurts.
An item is going the rounds of the Canadian press to the effect that a New York state paper is being sued because a comp. made an obituary conclude, "May he roast in peace!"—Fourth Estate.

Symptoms That Tell of Biliousness

HOW TO PREVENT AND CURE

Are you dizzy?
Does your head swim?
Does everything turn dark when you rise after stooping?
Are you constantly suffering from headache?
Are you short of breath after going upstairs?
Is your tongue coated and furred?
These symptoms give warning that your system needs a thorough cleansing—all poisons must be flushed out. The remedy is Dr. Hamilton's Pills. Marked benefit immediately follows their use.

These famous pills loosen the bowels and stop constipation; they act on the liver and kidneys, make them strong and vigorous.

This ensures health and purity for the blood and consequently the whole system benefits.

No other medicine tones and braces like Dr. Hamilton Pills; they at once cure biliousness, headache, dizziness, poor color, coated tongue, and all diseases arising through fault of the stomach, kidneys or liver; try them.

Results prove the merits of Dr. Hamilton's Pills, 25c per box.

HOW LONG CAN THEY DO IT?
There is in Canada current opinion that it costs the Government \$1.03 to get \$1 of gross revenue from the railroads which have been emancipated from the capitalistic class. A deficit of \$50,000,000 in 1919 is the forecast. This straightway gives rise to conjecture as to what the true relation of cost and revenue would be if some courageous Administration reached down to the bottom of our own Government operation of the roads.

Thanks in part to the peculiarities of the Canadian situation the private Grand Trunk and Canadian Pacific have contributed nobly to the Government's experiment in railroad operation. This and other causes have steadily lifted the percentage of cost to gross revenue. To-day it is 89 per cent for the Grand Trunk and 81 per cent for the Canadian Pacific. The percentage thus actually discloses the

shocking scandal of surplus, rather than the uplifting inspiration of deficit.

Monthly statements, duly audited and certified, show Canadian Pacific and Grand Trunk can still operate on their own motive power. The exact status of the government roads is not so clearly revealed. Why it is not, is a matter of conjecture, friendly, invidious or neutral, as may be. Some irreconcilables want to know how they are to reach a conclusive audit of Canadian Northern, making a true-capital investment basis for figures. Others say there is an operating deficit of more than three per cent.

What if it be so that the more wheels turn round and the faster they go, the more money they lose. If it costs 3 cents net loss to take in a dollar, isn't the taxpayer there to pay it? And doesn't the paltry 3 cents go at once back into circulation? "As long as he has a dollar left to burn, why shouldn't the taxpayer writhe and turn?"

A staunch supporter of a western co-operative grain concern with a long and honorable record of losses used to refer to its "turnover" as its "turn-under." Happily free of the embarrassment of literary cult, he has given the government's railroad auditors a book heading, accurate and novel. They should be satisfied and so should the taxpayers. For, as a facetious inquirer for Government figures says: "If a taxpayer is not to pay these taxes what is he for?" But how long can they do it?"—Wall Street Journal.

State of Ohio, City of Toledo, Lucas County—ss.
Frank J. Cheney makes oath that he is senior partner of the firm of F. J. Cheney & Co., doing business in the City of Toledo, County and State aforesaid, and that said firm will pay the sum of ONE HUNDRED DOLLARS for any case of Catarrh that cannot be cured by the use of HALL'S CATARRH MEDICINE.
FRANK J. CHENEY.
Sworn to before me and subscribed in my presence, this 6th day of December, A. D. 1886.
(Seal) A. W. Gleason, Notary Public.
HALL'S CATARRH MEDICINE is taken internally and acts through the Blood on the Mucous Surfaces of the System. Druggists 7c. Testimonials free.
F. J. Cheney & Co., Toledo, Ohio.

Faint Praise.
Speaking of doubtful compliments, a subscriber writes: "I wish to offer the following as one of the best examples I have ever seen. An accomplished musician was invited by a friend to a church in order to hear the chorus choir render a special selection. The friend, highly pleased with the rendition, was awaiting with much interest her companion's verdict. It came thus, in a whisper. "They sit well."—From the Outlook.

Minard's Liniment Relieves Neuralgia

The Razor in Civilization.
Busts of the Caesars show them to have been clean-shaven. Men in the eighteenth century relied still further on the barber's art, for they shaved their heads as well. Hogarth has painted a beau of this period who by some chance had his wig removed, which gives him the look of an elderly baby. The uncouth appearance of the barbarians, which shocked the Romans, was due a good deal to the neglect of these wild men to dress their hair.

Minard's Liniment Cures Burns, Etc.

Worth Knowing.
Smoked painted ceilings may be cleaned by washing with cloths wrung out of warm water in which soda has been dissolved.

Creaking doors, windows and drawers may be stilled by rubbing with hard soap.

White fabric gloves are easiest washed by putting them on the hands and using soap and water as though washing the hands. Rinse in cold water and hang up by the fingers to dry.

Cottage cheese days are here. If you use a separator and do not have sour milk, just as good or better cheese can be made from buttermilk.

SPHON'S DISTEMPER COMPOUND

is the one indispensable remedy for contagious and infectious disease among horses. Its success as a preventive and cure for DISTEMPER, PINK EYE, INFLUENZA, COUGHS and COLDS for more than twenty-five years is the highest tribute to its merit as a medicine. It is endorsed by the best horsemen and live-stock men in America. Buy it of your druggist.

SPHON MEDICAL COMPANY, Goshen, Indiana, U.S.A.

FARMS FOR SALE.

IF YOU DESIRE TO SELL YOUR farm or country home, send me full particulars, and have description published in my new catalogue. If you are in the market to buy, describe what you want and see what I have to offer. No expense whatever to you unless I effect a sale. J. D. Jigger, Realty Broker, 206 Clyde Block, Hamilton, Ont.

100 ACRES ON THE GOOD ROAD, overlooking Newmarket; new modern improvements: bungalow; with fireplace, 2 bathrooms, stone chimneys and floor; brick garage; large metal-covered pig pen, barn, silo, creamery; cold storage plant and implement house—all red. Also 100 acres adjacent with wood, water and pasture. A fine herd of Jerseys making this farm an attractive investment. Price of the whole outfit as a going concern on application. Dr. J. H. Wesley, Newmarket, Ont.

ELEVEN THOUSAND BUYS 175 ACRES—one of the best farms in Guelph township; good buildings; three miles from city. R. McDonald, Guelph.

123 ACRES COUNTY OF YORK—close to shipping points, school, and churches; good land, buildings, in good repair; five thousand. D. Pikey, 110 Garfield south, Hamilton.

VINELAND—THE LAND OF VINES—the garden of Canada; buy a farm or ten-acre fruit and poultry farm and live happy. See "phone or write G. W. Arnot, Vineland, Ont.

HELP WANTED—FEMALE
WANTED—SMART GIRL AS GEN-eral in food home. Apply at once to Mrs. R. B. Cotton, 146 Westminister avenue, Toronto.

MISCELLANEOUS
THE SAFE WAY TO SEND MONEY by mail, is by Dominion Express Money Order.

HELP WANTED—MALE.
LOOM FIXER—FIRST-CLASS MAN ON Knowles' Cam Looms, working on blankets and heavy woollens. State full details of experience, age and whether married or single. Apply Sijinsky-McC. Co., Brantford, Ont.

FARMS WANTED TO RENT.
WANTED—FARM TO RENT, GIVE particulars, rent, etc.; also apple orchard wanted for this fall or more, with apples on it. P. O. Box 65, Hamilton, Ont.

ARTICLES FOR SALE.
FOR SALE—SHOE REPAIRER'S Singer patching machine. In first-class condition. Price, thirty dollars. A. Lynch, Almonte, Ont.

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PARK Business College

The school for best results.

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Thorough courses—Shorthand, Clerical, Bookkeeping and Secretarial. Excellent opportunities for Public School teachers and High School graduates.

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The best is the cheapest in the end.

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It requires a little more heat to separate curd from whey, but the cheese is soft and creamy.

An oil useful in the manufacture of soap is obtained from grape seeds in Argentina.

To prevent the centres of your round dollys from cupping, press your iron down very hard as you iron around the edge of the centre (not the lace) with your left hand pull the edge ahead of the iron. It stretches the edge to its former circumference and the dolly will lie flat.

Blue and white is a very common color scheme for bedrooms, and almost any combination of blue and white is pretty for rugs. These made in shades of tan and brown are lovely for a yellow room.

Simple Pleasures Best.
How sweet and wholesome are the pleasures that go into small room—the humble, simple accustomed sights and sounds that bring the soul at once into the open air. — Henry Ward Beecher.