WORLD'S WONDERFUL CLOCKS.

Marvels of Astronomical and Chronometric Mechanism.

Of course everyone has heard at one time or another of the famous clock tower adjoining the houses of parliament. No doubt he imagines it to be a very fine structure, and, as a matter of fact, it is regarded as the best specimen in our country, but there are many more wonderful clocks in existence today, perhaps not in size, but certainly in their skillful mechanism.

The most wonderful clock in the world is exhibited in St. Petersburg. Its magnificence may be imagined from the fact of this colossal timepiece having no fewer than twenty dials. It indicates simultaneously the time of day at thirty points on the earth's surface, besides the movement of the earth around the sun, the phases of the moon, the signs of the zodiac, the movements of the planets, of more than fifty stars of the northern hemisphere, and, the fate, according to the Greek mythology, of a human life. Moreover, it shows the Russian, Persian, Jewish, Mohammedan and Chinese calendars. The works took years to put together after the design had been sent in in detached pieces from Switzerland to Russia.

A certain watchmaker constructed a clock whose mechanism represents every 15 minutes, all the activities of a miniature railway station. The clock's graph operator sends a dispatch, the duties of the station agent, the station timekeeper, the switchman, the station attendant and porter open the windows and distribute the tickets, several travelers rush toward the train that comes in at full speed, in short, until the train is gone the usual stir of such station is exactly represented.

As the train leaves each automaton returns to its place, and for a quarter of an hour everything is quiet. The clock's dimensions are not known, but it is said to have had six years' labor expended upon it.

Another remarkable clock is that made by Villinum, the astronomer of the Black forest. Upon this clock it shows the seconds, minutes, quarter hours, hours, days, weeks, months, seasons, years and keep pace in the last second of the year 9999, besides a host of other astronomical, geographical and historical facts.

There is a celebrated clock tower at Berne in Switzerland. The approach of the hour is announced by the ringing of a cock. At the same time may be seen at the very top of the tower a man clad in a coat of mail striking the hours with his sword on a large bell. As the hours are striking a troupe of bears make their appearance and parade around the tower, then make their exit. Long strings of carriages draw up every hour for the occasion to witness the interesting spectacle.

A gigantic clock, made of crystals, was shown at a recent exhibition held in Paris. The hour hands are composed of brightly plated crystals. All the smaller spheres are made of pieces of rock crystal, but this was only for attraction. The clock kept excellent time, and strike, chime, half and quarter hours, the real mechanism being concealed in the base.

At the time of the coronation of the empress of Russia at Moscow in 1724 she was presented with a watch as wonderful for every purpose as the famous Strasbourg clock. On the opposite side of the time keeping part there was an exact counterpart of the holy sepulcher, with a carved image of the Roman guard, the scene being viewed through the glass in the case. Upon opening the case the imitation stones would roll away from the mouth of the imitation sepulcher, the guard would kneel, the angels appear at opposite sides of the opening, and at this time the music would begin to play, in soft, sweet strains, the Easter songs so well known to all Russians. The watch weighed only seven ounces. The whole of this wonderful piece of mechanism is said to have worked upon it almost uninterruptedly for a period of nine years.—Tit-Bits.

About Camphor.

[United States Department of Agriculture.]

Notwithstanding the comparatively narrow limits of its natural environment, the camphor tree grows well in cultivation under widely different conditions. It has become abundantly naturalized in Mediterranean countries, also at Buenos Ayres. It thrives in Egypt, in the Canary Islands, in southeastern France and in the San Joaquin Valley in California, where the summers are hot and dry. Large trees at least 20 years old are growing in the temple courts at Yokio, where they are subject to a winter of scarcely twenty nights of frost, with a recorded minimum temperature as low as 12 degrees 16 degrees F. The conditions for really good growth are certainly to be a minimum winter temperature not below 20 degrees F., 60 inches or more of rain during the warm growing season, and abundance of plant food, rich in nitrogen. In the native forests in Formosa, Fukien and Japan, the crude camphor is distilled almost exclusively from the wood of the trunks, roots and larger branches.

The work is performed by hand labor and the whole process is conducted some rather crude. The camphor trees are felled and the trunks, large and small, are cut into chips, or small pieces, which are placed in a wooden vessel about forty inches high and twenty inches in diameter at the bottom, and tapering toward the top like an old-fashioned churn. The top has a tight fitting cover, which may be fastened down. In the cover is a bamboo tube extends from near the top of the tube into the condenser. This consists of two earthen jars, one of which fits inside the other, the inner one having a tight fitting bottom, but with a small hole in it, which is closed by a wooden plug. The outer jar is also provided with a wooden plug in its bottom, for the purpose of drawing off the water.

The air chamber is built upon the outer jar, and is made of bamboo and sunning down over the sides, with the bottom of the air chamber is sometimes filled with wheat, or other material, to keep the condensing apparatus, which the air drawn down and collects on the surface of the water. The water and camphor are then drawn off and allowed to collect together on the surface of the water, and are allowed to cool and harden. The water is then drawn off and the camphor is ready for market. About twelve hours are required for distilling a batch, which yields about 20 pounds, which are removed and dried for the trade, and a new charge is put in. At the time Dr. Hance wrote, 1871, there were reported from the mainland 70 pounds of camphor, and from the islands of Formosa and Japan 1,000 pounds of chips and camphor for one pound of crude camphor.

Darley Witness on Distance.

"How far was it," asked the lawyer of the witness, "from your house to the road where the difficulty occurred?"

"Dunno, sir, exactly, sir."

"Can't you form an idea?"

"I think how many yards?"

"Why, about one yards does at all, sir, and I can't say exactly, sir, but I think it was about a hundred and a half from my house to the road."—Atlanta Constitution.

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DELINQUENT NOTICE.

Gladstone Mining Company, Situation of principal place of business, No. 45 and 47 Marsden Block, Salt Lake City, Utah.

NOTICE—THERE ARE DELINQUENT upon the following described stock, on account of assessment No. 1, levied on the 5th day of November, 1897, the several amounts set opposite the names of the respective shareholders, as follows:

No. of Cert.	No. of Shares	Name.	Amt. Due.
1	1,000	Robert Hart	$5 00
2	2,000	Robert Hart	10 00
3	2,000	Robert Hart	10 00
4	2,000	Robert Hart	10 00
5	30,000	Robert Hart	150 00
6	1,000	Arneson Curr	5 00
7	1,000	Arneson Curr	5 00
10	1,000	Alex B. Arr	5 00
11	1,000	B. Sandstrom	5 00
12	1,000	Mrs. C. S. Henderson	5 00
13	2,000	Albert Mayers	10 00
14	2,000	Albert Mayers	10 00
15	500	Albert Mayers	10 00
16	500	Jno. H. John	2 50
17	1,000	A. C. Lund	5 00
18	1,000	J. W. Cory	5 00
19	1,000	J. W. Cory	5 00
20	1,000	J. W. Cory	5 00
21	1,000	J. W. Cory	5 00
22	1,000	J. W. Cory	5 00
23	1,000	J. W. Cory	5 00
24	1,000	J. W. Cory	5 00
25	5,000	J. W. Cory	25 00
26	5,000	J. W. Cory	25 00
27	5,000	J. W. Cory	25 00