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Co. Judge N. R. Maxey, striking the hour of the day. Very Clerk J. T. Mael Trasurer N. H. Boley Commissioners J. H. McHaley. H. H. Davis, Surveyor J. H. Neal Sheriff. W. P Gray words horologium, horologe, etc., sachet. School Supt E. Hayes, measuring time. It is pretty certain, Stock Inspector T. H. Curl however that clocks driven by

Dist, At orney J. L. Rand | was paid for out of a fine imposed by

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TIME.

LAND AND WATER CLOCKS How Time was Formerly Measured -The Invention of Clocks

And Watches,

The greatest interest will be found n the history of the origin and development of clocks and watches. The first gnomen or sun-dial of which we have any historical notice is that of King Ahaz, about 740 years before the Chrsitian era. It is mentioned backward, by which it had gone down in the dial of Ahaz." The ancients used hemispherical dial lates, with the radius which throws the shadow running north and south; those now in use are flat, with the latitude in which they are situated parallel to the earth's axis. Alough it was possible to tell the one by a mathematically adjusted sun-dial to within a few minutes, hey were in a great measure superdel at a very early date by clepsy-53 Special rates to regular | tree and sand-glass. The most usual orm of clepsytrae, or water clocks, seems to have been a graduated

ng time. It is rather remarkable [Interview in N. Y. Star. hat, long before the invention of wheel clocks, planetariums, or orreres were well known. The first modern planetarium in England was | Fairchild one made for Lord Orrery, whose name has been since generally given to these machines, and that our forefathers looked upon the planetary motions as the true measure of time may be proved by the fact that the

in old writings to any machine for

weights, and striking automatically,

brating balance, but no spring; the

balance, instead of being shaped like

a fly wheel, was in the form of a T.

upon the two thin projecting arms of

which concentr'e notches were ent.

gate thoroughly the mathematical

escare ment similar to the one in

De Wyck's clock, the want of control

over which, no doubt, suggested the

idea of the fusee adjustment, which

was invented about the year 1520.

have taken great interest in the per-

formance of these early specimens of

horological art, and to have kept

several of them going together. They appear to have been in common

use in England in the reign of Queen

Elizabeth, and are mentioned by Shake-peare in "Twelfth Night."

But it was not until the invention

keeping. The invention of the

an Englishman, and it is claimed that it must rest with the latter, whose

enunciation of the theory of its iso-

showed that he was well acquainted

law," is true only of certain lengths

of spring fixed at the ends at certain

positions. Repeating work was in-

theory of the pendulum.

Two small regulating weights were

ti st clocks constructed nearly always | eron hal a row with years ago. showed various astronomical phe- Well, that is about the only way one nomena, in addition to showing or of those fellows could get into office." little is known, it would seem, about the first invention of wheel clocks, coming man lie?" Perhaps not, but no two writers seemingly agreeing as | if not be will never go into business to the exact period of their introduc- or politics. tion. Although some historians as-

the sixth century, it is not very prob- is one of white plush, and it is inable that they are correct, the terlined with violet or beliotrophaving been applied in discriminately

existed in the eleventh century. that of St. Paul's Cathedral, London, fleas, it to use the herb itself; the rented. For this purpose there is and one at Westminster, which latter Edward I., in the year 1288, upon Sir Ralph de Hengham, chief justice of the King's bench, for corrupt prac-

tices. St. Paul antedated the latter by at least two years. From these dates the manufacture of clocks would appear to have become a settled industry in England, although the first authentic description we have of the interior of any wheel clock is that of one made by Henry

de Wyck, a German, for Charles V. eists in heating them slightly before of France, in 1379, which has been not inaptly styled the "parent of the fire, then stroking them with the modern time-keepers," since, except | back of a knife, when they will curl. that it had no pendulum and only an hour hand, it was very like in principle the clocks of the present as follows: White pine, 9 per cent. day. It consisted of a train of wheels elm, 12.3 per cent.; oak, 26.6 per driven by a weight, and had a verticent.; ash, 44.7 per cent.; beech, cal or verge escapement with a vi-

Shee-dressing: Gum-shellac, half pound; alcohol, three quarts; disolve, and add camphor one and a half ounce; lampblack, two ounces. awaits every one who will not exer-The foregoing will be found to give cise his judgment in such a matter. an excellent gloss, and is especially adapte I to any leather the surface of

In filling up cracks in walls paintwas made to go faster or slower as ers experience a great annovance required. The discovery of the isochronism, or equality of time, of rom the rapidity with which the orlinary plaster of paris and water the pendulum is attributed to Galileo. 'sets." A remedy will be found in who observed that a chandelier swinging in a church at Florence, using vinegar instead of water. Mix Italy, performed the vibrations of the same as if water was used, and the long and short arcs in the same the result will be very much like outty; the plaster will remain plastic time. It was he who first conceived for about half an hour, finally becomthe idea of applying the pendulum to a clock; but Huygens, the Dutch | ing perfectly hard. philosopher, was the first to investi-

of the balance spring, about the year 1600, that any rapid progress was made in the direction of good time-The smell of paint may be taken away by closing up the room and balance pring is assigned both to Huygens and to Dr. Robert Hooke, setting in the center of it a pan of lighted charenal on which have been thrown some juniper-berries. Leave this in the room for a day and night, when the smell of the paint will be chronism in the words, "Ut tensis gone. Some persons prefer a pail of sicvis" (as the tension so is the force), water in which a handful of hay is soaking. This is also effectual in removing the odor of tobacco-smoke

From the latter part of the sevencenth century the science of horology teadily improved in England. Facio

ntroduced jeweling from Geneva in 7:00; and George Graham, a watch-(New York Telegram.) aker's apprentice, invented the Many a strong, well-built man vlinder escapement in the same leaves home to-day; before night he will have a chill and in a few hours year. This escapement, although will be dead!

found to be a great advance on the This is the way the dreaded pneu-monia takes people off. The list of notable men who are its verge, was soon almost discarded, owing to the rapidity with which the brass escape wheel cut in the cylinder, which was of steel. This, victims is appalling. indeed, caused the introduction of It sweeps over the land like a ruby cylinders, but the difficulty and scourge and decroys poor and rich unsuitable for ordinary watches. Everyone dreads it. Its coming is

very recently, almost the only one applied to their watches. It is in- by a certain condition of the system, deed generally made now, but the indicated if one has occasional chills superior qualities of the lever are and fevers, a tendency to cold in the slowly asserting themselves in that throat and lungs, rheumatic and

(James II.), on appeal, rendered a

decision.

Why the Editor Is Bild and Tooth-

that literary men are apt to be-come toothless sooner than other and dry skin, loss of strength and people," said a dentist to me yester-, virility, "The phosphates which water dropped from another vessel, and barber have to be called into re- ing of a coming calsmity. he present day. These are supposed | reation and repose, the subject is a | tainly will. to have been of early origin. Candle | heavy smoker or drinker, the decay

> "Whose statue is that?" he asked. "That's Eme.son," said General

"O, no; Ralph Waldo, the Sphinx, you know: poet, philosopher, and

"Oh, I know. It is one of those d--d literary fellows that old Cam-Some of the newspapers are wrest-

sign it to such an early date as even | The latest thing in eard cases,

Various Notes.

Brass is seriously affected by mer-

The best as well as the cheapest way of using pennyroyal to get rid of be greater than the evil to be over-

According to the American Journal f Pha macy, Hagar recommends the following in case of painful dentition: 'hloroform, ten drops; tincture of panish crocus, half a drachm; honey, half an ounce; glycerine, one ounce. To be rubbed on the gums to allay

The process of curling feathers con-

91.9 per cent. suspended from the arms, and it was

by shifting these from notch to notch. which is roughened by wear. or from the center, that the clock

For the sharpening of tools, instead of oil, which thickens and smears the | stone, a mixture of glycerine and spirit is recommended. The proper The first watches were made at Nuremberg, Germany, about the tions of the compositions vary acyear 1500, where the mainspring is cording to the class of tool to be raid to have been invented by Peter | sharpened. One with a relatively Hele, a cleckmaker of that town. large surface is best sharpened with They were furnished with the verge | three parts of glycerine mixed with | ne part of spirit. A graver having a small cutting surface requires only a small pressure on the stone, and in such cases the giveerine should be mixed with only two or three drops Charles V. of Germany is said to

Dr. Jellinek has found that a drop of cocaine extract produces anaesthesia of the larnyx, a point of the ut-most importance in diphtheria and other grave throat-diseases. Dr. Schrotter made use of the cocaine a short time back in operating on an old polypus. The operation was performed with complete success in five

with its properties, although this moving the axiom, which is called "Hooke's from a room.

A clergyman in Central Illinois is reported to have startled his flock a lew Sundays ago by the announcevented in the year 1676 by an English clergyman named Barrow, who | ment; "Remember our communion "PNEUMONIA."

Why not Call this Terrible Scourge by its Eightful Name?

What causes it? Pneumonia, we are told, is invited edge of the shadow radius forming an country, and are gradually driving it neuralgic pains, extreme fired feel-angle with the horizon equal to the out of the market.—[N. Y. Sun. ings, short breath and pleuritic stitches in the side, loss of appetite, back-ache, nervous unrest, scalding sensations, or scant and discolored "You may never have remarked fluids, heart flutterings, sour stomach,

These indications may not appear should go to renew the hair and together, they may come, disappear feeth, are consumed by the brain and reappear for years, the person not cessel containing a float, into which | with such rapidity that the dentist realizing that they are nature's warn-

ime of day. The sand clocks, or frequently than by any other class. not claim as a victim the persons lasses, seem to have been very Ii, in addition to hard brainwork, having such symptoms some less imilar to an ordinary hour-glass of unvaried by frequent periods of rec- sudden but quite as fatal malady cer-

locks were a later method of mark- is so much the more pronounced."- told the Tribune that pneumonia was a secondary disorder, the exposure and cold being simply the agent which develops the disease, already dormant in the system, because the kidneys have been but partially doing their duty. In short, pneumonia is but an early indication of a bright's diseased condition. This impaired action may exist for years without the patient suspecting it because no CANYON CITY . ORIGIN pain will be felt in the kidneys or their vicinity and often it can be detected only by chemical and micros-

> Nearly 150 of the 740 deaths in New York City the first week in April (and in six weeks 781 deaths) were caused by pneumonia! The disease is very obstinate, and if the accompanying kidney disorder is very far advanced, recovery is impossible, for the kidneys give out en-

copical observations.

tirely, and the patient is literally suffocated by water. The only safeguard against pneumonia is to maintain a vigorous condition of the system, and thus precent cury copper is less affected, and iron its attacks, by using whatever will radically and effectually restore full vitality to the kidneys, for if they are not sound, pneumonia cannot be preoil, of course, cannot be used where nothing equal to Warner's safe cure. the inconvenience attending it would a remedy known to millions, used probably by hundreds of thousands

and commended as a standard specific wherever known and used. It does not pretend to cure an attack of pneumonia, but it does remove the cause of and precent that disease if taken in time. No reasonable man can doubt wiew. this if he regards the personal ex-perience of thousands of honorable will receive the most prompt attention.

When a physician says his patient has either bright's disease or pneumonia he confesses his inability to cure, and in a measure he considers his responsibility ended. In many in-The increase in strength due to stances, indeed, persons are reported seasoning of different woods is given as dying of pneumonia, heart disease, apoplexy and convulsions, when the real cause of death and so known sumption. Thousands of people have it without knowing it and perish of it because their physicians will not tell them the facts! The same fate

> A canvasser called on a working man for his vote, but he was out, and the wife put in an appearance. "What are the politics of your husband?" asked the agent "I'm not quite sure, but I fancy he is a Conservatory," was the re-

ply.- American Register. Says an exchange: "M. Pasteur's my customers in John Day and father was a tanner." We always Canyon cities. Give me your or had an idea that the old man must ders. have had something to do with bark, because his son is so familiar with it. Ha! ha! ha! Don't you see the point? No? Why bark, don't you see, dogs bark-tan bark, ha,

ha, ha, ha, ha, ha, ha, ha. (Copy-righted.)-[Peck' Sun. to pay several thousand dollars per from the pulpit of a fashionable U.S. Mail at 4 a. M. on Tuesday. church in that city, has been respect. Thursday and Saturday, and arfully declined. There are some rives Monday, Wednesday and discouragements under which the Friday. industrial interests of the country languish that Congress cannot abate - Brooklyn Union.

'Those are rather nice-looking gleeve-buttons you have on; pardon me for asking of what material they 'Dead gold."

"Dead gold?" (examining them) "Well it must have been dead an enormously long time." "Pecause it has been dead so iong that it has turned into brass."- [Har-

per's Bazar.

try it?"-[Life.

Proud Parent-"How's that for a Old Bachelor-"Well, my experience with babies is limited, but should think this one might possibly be worth bringing up. (Struck suddenly with an idea.) Why not

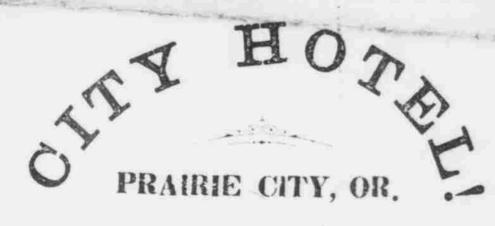
By the use of gold-coated selenium plates, Mr. C. E. Fritts expects to accomplish the important object of iel Quare, a watchmaker, in his application for a patent for his invention, and in favor of whom the King services next Sunday forenoon. The Lord will be with us during the morning services and the Bishop in the evening."

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