THE CLOCK OF THE PRESENT DAY DESCENDED FROM THE SUNDIAL; **INVENTED IN THE YEAR 1860**

(Toronto Globe.)

London's Big Ben is sick. A huge friends, both those at close range is carried on the person today. A Then Switzerland came into fame to his home in the towers of the great deal of sntiment seems to as a watch-manufacturing country Parliament Buildings of London, have surrounded it, and it has been By 1799 the City of Geneva listed England, and those who have heard the subject of much poetry. him by radio in distant parts of the world. And great was the relief The first real clock as it is known ou 50,000 waches a year while ever.

the clock as it is known today.

of one of these and relics of the other's lot. instrument were found in the ruins of Pompeii. For centuries the sundial, shaped like a bowl, with a pointer placed in it, was the standard method of recording the hours.

long harangues in Parliamentary and for his palace-ran for 471 years Dickie and Dolly get into such a mis civic spheres may, perhaps, think before its ticking ceased; and, al- understanding? favorably of the water clock, which though its spirit has departed, its succeeded the sundial, and which huge body reposes in its original happened to be partners in a bridge was used in the law courts of Rome position in the palace. The designer game to gauge the speaker—an orator of this wonderful clock, Henry de being permitted to plead his case Vick, a master mechanic of his day, until all the water had run out. was called from Wurttemberg Some of our modern advocates may make the clock for the King acknowledge an affinity with the France. If "imitation is the sincer-Roman pleader who put muddy est flattery," then his handiwork in the clocks so tha they would run must have proved a perfect producmore slowly.

remember the hour-glass which was makers all over Europe

crack has appeared in his giant was an invention in Alexandria in years later. body and grave anxiety was, for a 300 B. C. The hour-glass is the The watch industry invaded Eng-

experienced when his doctors-the today, is said to have been built by twenty years later the Neuchate clockmakers who were responsible Gerbert, a monk who was later district was making no fewer than for his birth some sixty-eight years elected Pope, in about the year 990 130,000 timepieces annually. It was ago-announced the fact that they and from that time to the present after the American War of the Re could cure him; that soon his voice there has been a steady develop- volution before watchmaking made would be as sound and as clear as ment in the instruments of time- its advent on this continent. telling. The principle of pendulum movement was discovered by Galileo Big Ben is a far cry from the era who, when a youth, found himself when man told the hour by placing one day in the great Cathedral of Bobbed hair is not a sin, a stick in the ground and watching Pisa. A huge lamp suspended by its shadow lengthen as the sun a chain, hung overhad and as Galileo passed by. Much brain and brawn prayed his attention was attracted and generations of lives have been by the fact that the movement of devoted to the science of perfecting the suspended lamp from one end of the arc to the other was always The sundial, invented by Berosus in perfect time. This gave him the the Chaldean historian and priest, idea of the pendlum, upon which, about the year 250 gave the first unfortunately, he failed, or was unsemblance of accuracy in time-tell- able, to take out any patent, so ing. Cicero was the proud possessor that the credit really fell to an-

Our eight-day clocks may nore or less put to shame by the These heads from time to time nowledge of the fact that the "father of all modern clocks"—the That sometimes it's a crime renowned clock which Charles V Those who are forced to listen to of France ordered to be constructed ition indeed; because for the next Some of the older generation may 300 years it was copied by clock- ready to forgive each other

From the clock to the watch was but a comparatively short step. Peter Henlen, a locksmith of Nurem burg, is supposed to have invented the first watch in the year 1500. His product did not greatly resemble the dainty timepiece of today, for it was a heavy affair, manus a crystal and minute-hand. The first crystal made its appearin use in the British Navy as late ance in 1613 the minute-hand in fessional contracts are threatened as 1839 and the origin of which 1687 and the second hand about 100

time, felt among his millions of direct ancestor of the watch as it land in 1627 when the Worshipful | Clockmakers' Company was formed 6,000 watchmakers and was putting

WELL, YES.

Entails no moral wreck, She to the throne may win Despite her shaven neck, So says a sage divine To his parishioners, And his wise view is mine My word with his concurs

To shear, to shave, to clip 'Tis not, indeed, akin To any moral slip; And yet—and yet I view So I am tellinb you

Madge-How in the world could Judith-Wednesday night

Husband-I simply cannot make our household books balance, dear

you're a certified accountant! This is the season of the year when newly married people their relatives' presents

Wife-Oh John, and you

Apparently a very high value is placed by college "letter men" on the Arms and the man are right, symbol of their prowess in the United States. Undergraduates who sign pro- But this brings more delightwith the loss of their letters. The temporary vogue of professional football has attracted many gridiron stars, and concerted efforts have been made by individual colleges and by their organizations to discourage their men from becoming professionals, even after graduating. The following statement, issued by Chairman Sydney E. Hutchinson of the Council of Athletics at University of Pennsylvania, is significant: "Any student turning proessional while still an undergraduate and eligible to represent the university on any athletic team will be denied his letter and all previous letters. and his membership in the varsity club will be revoked."

R. D. Fudger of Saint John is among the guests at the Queen.

BLUNDERS





WHY IS THIS WRONG?

Thousands of letters are delayed in delivery from two to ten hours in big cities because business men do not place their return street address on letterheads and envelopes. Even though a company may be an important one, all postal employees lo not have its address committed to memory. Consequently its mail will surely be delayed if persons who must reply to its letters are given no street address.

REVISION.

Arms and the man, I sing, So once the poet wrote. To this the sweet young thing Adds but a single note.

Are right as right, says she. Arms and the man and me.

Thomas Tully of Chicago is registered at the Queen today.

HAD BAD SPELLS WITH HER HEART

Mrs. R. G. Hall, Bolton Centre. Que writes:—"Some time ago I had bad spells with my heart which I believe was caused by nervousness. everything I could think of, But could get no relief until one of my friends persuaded me to get a box of



After I had taken a few boxes I got wonderful relief.

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Keep tabs on your hens by trap nest ing them. it's the only way to pick out the

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I make a complete set of four nests for only \$4.00. Satisfaction guaranteed. Send me a trial order.

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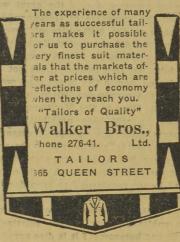


Bathe in Minard's and warm water, rubbing the solution into the aching parts with the finger tips.

Minard's is also splendid for sprains, bruises and strained ligaments 62







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THE TOGGERY

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NNUALLY, untold thousands are disappointed because Christmas Shopping is put off. To some it is a trial, to others a triumph. The Secret lies in knowing WHEN to do one's Christmas Shopping, AND WHERE.

If you make your Yuletide purchases now, it will prove both interesting and profitable. Later on you will be forced to make hasty selections from badly depleted stocks. Whereas a shopping tour right now, while selections are complete, gives you a chance to obtain the choice of domestic and foreign markets from displays that are unrivaled in quantity, variety, and fair 1112121213131313131 prices.

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COME DOWN NOW and you will find the true Christmas Spirit awaiting you among the miles of aisles of glorious gifts. Everything is in orderly, cheerful readiness!

For your own sake more than our let us repeat — "PLEASE DO YOUR CHRISTMAS SHOPPING EARLY."