

The Automobile

FIRST TUDOR SEDAN OWNED BY QUEEN MARY.

The earliest coach and the latest sedan—both Tudors!

Queen Mary's was the first Tudor sedan.

Creation of the original Tudor sedan is credited to John Walter Rippon, by Ralph Strauss in his "Carriages and Coaches, Their History and Evolution."

Rippon's first coach is supposed to have been built for Queen Mary in 1567, says Strauss, "and in 1644 the first hollow-turning coach with pillars and arches, for Queen Elizabeth, though precisely what is meant by hollow-turning coach is difficult to conjecture."

This same Rippon, twenty-four years later, built another coach for the Queen, which is described as a "chariot throne with four pillars behind, to bear a crown imperial on top, and before a throne on which the sovereign stood a lion and a dragon, the supporters of the arms of England."

"It could not have been very comfortable," observes Strauss, "and Elizabeth seems to have preferred another coach brought out of Holland by William Brouwer, who about 1660 made her coachman, a position he was still occupying at the end of the century."

"Queen was a Dutchman, whose wife is said to have introduced the art of starching into England, whence followed those huge ruffs so conspicuous in all the Elizabethan portraits. Brouwer's coach could be opened and closed at pleasure. On the occasion of the Queen's passing, through the town of Warwick she had every part and side of her coach to be stowed, that all of her subjects present might behold her, which most certainly they desired."

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"Queen, the coach, however, can not be seen today."

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have been very comfortable and in 1668, when the French Ambassador obtained an audience, Elizabeth was complaining of 'aching pains' from being knocked about in a coach driven too fast a few days before.

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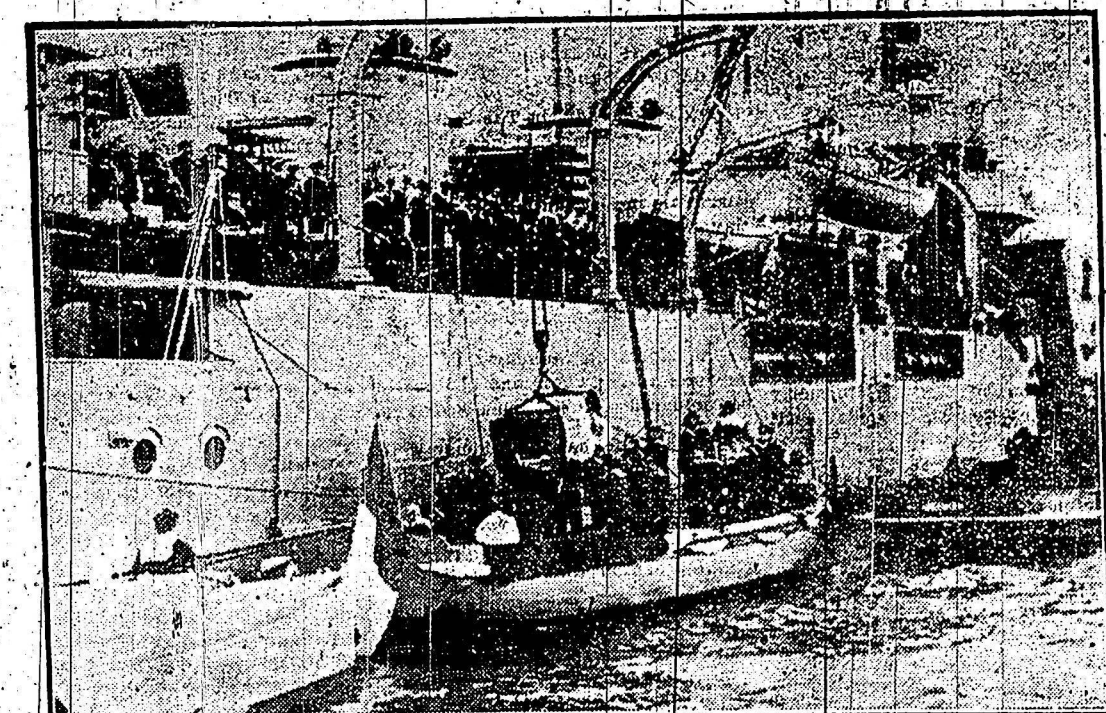
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The body of the commander of the ill-fated giant of the air, Dixmude, which was lost with all hands on board on a flight to Africa, is shown arriving at Toulon aboard a French battleship.

Insulin Exhibit at British Empire Fair.

Brain power is such an intangible thing that it not only boggles description but it absolutely defies adequate photographic reproduction.

Consequently the University of Toronto is preparing the exhibit which is now on its way to the widely heralded British Empire Exhibition, which is to be held at Wembley Park, London, England, from April to October of this year, had to resort to a display of the material things of the University's life.

The idea lying behind the University exhibit is that the right type of prospective immigrant to Canada will be interested in knowing the educational facilities in the Dominion, that some people, seeing that their children would be able to avail themselves of the very best of education in this country, would decide to emigrate.

Last spring, when the British Empire Exhibition was first talked of in Canada, Sir Robert Falconer, President of the University expressed to the Director of Exhibitions, Mr. J. S. McKinnon, his opinion that higher education in Canada should receive attention.

This suggestion met with approval and the University of Toronto was asked to supply an exhibit showing the process of manufacture of insulin. This has been prepared by Dr. R. D. Defries of the Connaught Laboratories and is a very attractive one.

Insulin is also to be exhibited by the Medical Research Institute of England, which holds the patent rights of the serum for Great Britain. The Institute has asked for photographs of an historic interest from the University of Toronto to be included in its display.

The photographs sent were of the University College, the Medical Building, where insulin was discovered, the Insulin Building, where insulin is being manufactured, and the original still used by Banting and Best in their early researches.

Thus the University of Toronto will be represented in two insulin exhibits.

The main University of Toronto exhibit is of photographic and descriptive nature. The principal group consists of photographs of forty-eight important University buildings arranged in groups of six in eight frames measuring six feet by three feet. A general group contains photographs of Convocation Hall, Simcoe Hall, the University Library, Hart House, the Memorial Tower and the Royal Ontario Museum.

The Arts group contains pictures of the four Art Colleges, Victoria, Trinity, St. Michael's and University, and the theological colleges, Knox and Wesley. The six Applied Science buildings, namely the Mining, Engineering, Electrical, Mechanical, Milling and Observatory buildings are grouped in another frame.

The Medical group includes the Medical, Anatomy, Pathology, Insulin, Toronto General Hospital and Connaught Laboratories buildings. The Field Husbandry, Dairy, Poultry, Central Assembly Hall and Macdonald Institute buildings of the Ontario Agricultural College and the new main building of the Ontario Veterinary College at Guelph, compose a fifth group.

The University, Mark's Hall, the University College Women's Hall, Queen's Hall, Kamestry Hall, Argyle House and Bursch Hall form a residence group. One miscellaneous group includes the Ontario College of Education and University Schools building, the Royal College of Dental Surgeons, the Ontario College of Pharmacy, the Botany and Forestry Building, the Household Science Building and the Toronto Conservatory of Music. Another such group

My Neighbor's Chimney Smoke.

My kitchen window is frosted over. My wifely fastidious tracing, showing long plumed birds and white cloud heads.

With fern fronds interlacing, I can catch a glimpse of the world outside.

I know it is cold and snowing, And away through the flakes at the nearest house

A cloudfest of smoke is showing.

What though my window is white with frost, The cold day dull and dreary?

It does me good just to see that smoke (My world seems bright and cheery) For I know at the fireplace's whence it comes.

I would find a welcome waiting, So I stoke my stove, and my heart is warm.

Though the storm seems unrelenting, —Christina W. Partridge.

Mirrors for Repairs.

The last place one would expect to find a mirror is in the auto-repair shop.

Yet a collection of small mirrors will be found in the very useful tool.

For instance, when examining the differential, into which a light cannot be inserted, a small mirror will be found useful to reflect the light from a lamp into the deeper recesses.

Again, when working in back of the instrument board, a mirror may be placed on the floor of the car, reflecting the light upward.

One great advantage of this is that the light need not be held close to the face, which not only makes for discomfort, but frequently defeats its purpose by supplying sufficient light temporarily to blind the worker.

It is a good plan to attach handles to the mirrors, so that they may be inserted into narrow places.

A High Style.

The ready wit of Henry Erskine, at one time lord advocate of England, has been preserved in many laughable stories.

Mr. Walter Jerrold in a book of famous wits records several of his amusing sallies. One day Erskine met a verbose friend and, perceiving that his ankle was tied up with a silk handkerchief, asked what had happened.

"Why, my dear sir," came the answer. "I was talking a romantic ramble in my brother's grounds when, coming to a gate, I had to climb over it, which I came in contact with the first bar, and have grazed the epidermis on my skin, attended with a slight extravasation of blood."

"You may thank your lucky stars," said Erskine, "that your brother's gate was not so lofty as your style, or you must have broken your necker."

Platinum Substitutes.

The great increase in the value of platinum during the last two decades has led many investigators to seek substitutes therefor.

It appears that the search has been partly successful. Platinum clad nickel wires for incandescent lamps; wires of nickel alloys are now making the cheaper grades of artificial teeth; asbestos threads are taking the place of platinum wires in gas mantles; and fused quartz wire has become a general use in chemical laboratories.

In the latter case, the introduction of these substitutes has not affected the price of platinum. The demand for the metal seems steadily to have increased in spite of them.

Not Difficult When You Know How.

The young lady palmtist looked deep into the eyes of the girl whose hand she held and said:

"I see by your hand that you are going to be married."

"Wonderful!" cried the girl. "You are engaged to a man named Wilkins," continued the amateur seer.

"Surely the lines on my hand cannot reveal!"

"Lines!" the palmtist sniffed. "Who said anything about lines? You are wearing the ring I returned to Mr. Wilkins three weeks ago."

Chinese Diplomacy.

The following is the rejection form used by a Chinese editor:

"We have read your manuscript with infinite delight. Never before have we revolved in such a masterpiece. If we printed the authorities would order us to take it for a model, and henceforth never print anything inferior to it. As it would be impossible to find its equal within ten thousand years, we are compelled, though shaken with sorrow, to return your divine manuscript, and for so doing we beg one million pardons."

Bicycling is the most popular form of locomotion in France. Recent tax returns show that there are more than five million bicycles in the country—many more than there were in any earlier year.

Beauty of Woods in Winter

Do not think that because the trees are bare of leaves all interest has fled from the woods. He is fortunate, indeed, who can take a stroll through the leafless arches and perhaps come upon the life, both waking and hibernating that is sheltered there.

Suddenly the stillness may be broken by the merry chatter of a squirrel as he perches busily on a nut tree and calls to his mate in the warm nest. If you are very still he will run to dig some of his buried treasures, and stored so carefully in the autumn. Unerringly he will go to the right spot, and after scrapping away the leaves and dirt will reveal a hoody store of nuts that he had saved for just this future use.

The storehouse in the tree is often exhausted a month before spring, and so it becomes necessary to draw on the pit for more food. Squirrels that have buried their treasures in the ground can locate the food even if the earth is covered with snow, and if there has been no snow they will exhaust their energy in trying to get at their buried food. Their feet are often scratched and bruised in digging through the icy snow and frozen ground.

One nature lover says that often he has found the half decayed body of an old squirrel lying with his feet and legs lacerated and his strength exhausted. On digging down through the snow

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Winter Trees.

The winter trees have kinship with the spring trees.

When the pale sun of February lies upon the level west and the air is cold;

Then the just chilly rays like splintered gold Come splintering up the fields, and swift they get

A torch in every treetop—in the net of naked birches, in the maple brush

A twig of yew will glimmer like a rush; And up the apple trunks a pinkness glows;

And copper lights are in the sycamores. But soon the twilight wanes, and dusk can slip

The lovely gleams from the maple tips, and strikes along the evening cloud and snows

The richest plumage hues and burnished gold, and now he flees a dusky wood and lone

The trees are faded down to drab again. Only the upper branches in the sky reach for the scattered clouds as they

They lay. Tangle them in their laughs and pull them down

And wear them like a soft arched crown. —Christine Curtis.

The Song of the Quill.

remember, ladies fair, "Alas, my quill is powdered hair."

"In those days I had full sway, Upon quills, oaks of lilies' day. Then for many years I lay

Useless—my mighty quill, Others held my honored place. I felt that I was in disgrace

No lover's robes by me were worn, I did not have a single friend. But once again I am the crown

Used by Poet, Statesman, Sage, You'll find me resting all serene Upon the desks of King and Queen

For once again I hold full sway, On the desk of ladies gay. I match the gowns of Anne and Jane

That yellow, green, and lavender blue. —Jean McMillan.

Morning Soliloquy.

My Soul goes rambling. Another day has dawned for thee or me

He knows that I am the great one. The frisks a night, scarce begun, and grander than the day's response

To who from night and upon the night resolved to hold like a warping glady. His world this morning

Good morning, my soul. —J. W. Shackleton.

Fish That Shouts.

Professor H. Green, of the University of Toronto, has discovered a new species of fish, which he has named the "shouting fish."

The shouting fish is a small, deep-bodied fish, which is found in the waters of the Great Lakes. It is characterized by its loud, sharp cry, which it makes when it is disturbed.

RED TEA

is The ORANGE PEKOE finer tea

With The Boy Scout

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