

## Startling Sensations Made At R-101 Investigation

Inspection Chief Says He Would Have Refused Airworthiness Certificate—Expert Says They Were Fouled by Wires, Bolts and Nuts

London.—Inspection Chief F. McWade of the Cardington Airfield, testified recently before the court of inquiry into the R-101 disaster, that had he been asked he would not have given a certificate of airworthiness for its fatal flight to India.

This testimony and the introduction of two letters relating to holes in the bag of the big British dirigible which crashed in France, provided the greatest sensation yet brought out in the inquiry, which is attracting deep interest throughout Britain.

The letters were read by Sir John Simon, head of the court of inquiry. They were written by Col. Richmond, designer of the R-101, to McWade last Summer.

In each letter, Col. Richmond refer-

red to holes in the dirigible's gas bag, which the designer insisted resulted in a "startling" loss of gas.

McWade said the gas bags were fouled by wires, nuts and bolts in thousands of places throughout the great ship. He testified this condition was "very serious and unsatisfactory," and declared had he been asked he would not have given a certificate that the R-101 was airworthy for a voyage to India.

McWade said he had recommended that the R-101 cease flying until the defects had been remedied.

The dirigible's crash in France on October 5 resulted in the death of Lord Thomson, Air Minister, and 47 other persons, including many of the best minds in aviation in the British Empire.

## Junior World Mark Established By Boy In Parachute Jump

Charles Daly Jr. Drops 16,200 Feet and Drifts 15 Miles

Toronto.—Charles Daly Jr., of Toronto, 18-year-old student of Humber College, established a junior world's record for parachute jumping Monday afternoon, when he made a successful descent from an altitude of 16,200 feet from a Buhl plane piloted by Captain Earl Hand.

Amid the cheers of many hundreds of spectators at the Century Airport, he climbed into the machine at 3.30 p.m., and in a few minutes the machine disappeared from sight as it soared skyward. In vain did the watching and expectant throng look for his landing, although hundreds were still on the ground one and one-half hours later, when word came that the youth had landed safely in Scarborough Township.

Turned Somersault

Speaking shortly after his descent, young Daly related that he had made a perfect landing, and was none the worse for his experience. "Something happened a few seconds after I had left the plane," he stated, "and as I pulled the cord, I seemed to turn a clean somersault." Just what took place he was at a loss to know, but he told of drifting eastward driven by a cold wind. He finally landed in a plowed field on the farm of Samuel Markham at Scarborough Junction, some 15 miles from the airport.

There was no person there to greet him on his achievement, and young Daly, after loosening himself from the parachute attachments, strolled across a couple of fields to the home of J. C. Hunter, and related how he had come there.

In his achievement Daly easily triumphed over a record of 13,000 feet which held only overnight, after weather lips had set it when he landed at Kitchener.

Daly, who made his first descent only last May, declared that he was now through with parachute-jumping. "My parents do not care for it," he stated, when asked for his reason. "If anyone cares to beat my record, they are welcome to do so," he added.

## DO-X Lands Safely On English Field

Great German Flying Boat Ends Second Hop of Ocean Flight

Calshot, Eng.—The DO-X set itself down here smoothly on Nov. 10th at the end of the second stretch of its transatlantic flight to New York. She carried 15 in her crew and 21 passengers.

The next hop will be Havre, whence the DO-X heads for Lisbon, then out across the ocean for the Azores and the United States.

Peddler—"Any umbrella rings, pencils, teapot spouts, studs, shoelaces, brushes or needles?" Lady—"Go away or I'll call the police." Peddler—"Ere you are, lady, whistles, six-pence each."—Passing Show.

Teacher—Tommy, if you had fifty cents, and you lent your father thirty cents, and you then lent your brother twenty cents, how many cents would you have? Tommy—I wouldn't have any sense.

## Astronomers to Watch Heavens To Determine Date of Meteor Showers

Washington.—Astronomers throughout the country, with the assistance of a large group of amateur observers, will soon be watching the night sky for shooting stars, hoping to learn whether we may expect a huge meteor shower in November, 1933 or 1934.

Such showers occurred in 1798, 1833 and 1866, when the sky was said to have been covered with shooting stars, meteors, which looked like the innumerable ribs of a gigantic umbrella.

Another was expected in 1899, but failed to materialize for reasons that had not been foreseen.

There may be, however, another brilliant display within the next few years. If so, the meteors should be more numerous than they have been for a long time. The nights of Nov. 14 and 15 are the dates for the display of meteors which astronomers and interested amateurs will expect to determine the date of the shower of shooting stars.

## Newly Crowned King of Abyssinia



View of Negus Ras Tafari, as he was crowned co-ruler of Abyssinia with Queen Menen in 1928, a scene which was repeated recently, on his coronation as sole Emperor of Ethiopian Empire.

## Nations' Good-Will Stressed at Opening of Windsor Tunnel

Services Mark Dedication of Windsor-Detroit Tunnel—Many Attend Ceremony

Windsor.—Fitting ceremonies marked the dedication and formal opening of the Windsor-Detroit vehicular tunnel on November 1st.

Cheers, band music, bursting of bombs, clicking of camera and the flare of flashlights were the noise features of the two occasions which drew thousands of people from both sides of the line into a joint celebration of an international event of importance—the completion of a \$25,000,000 project which is the first vehicular tunnel to connect two nations.

Spirit of Amity

Men prominent in public life in both Canada and the United States played an outstanding part in the program of addresses which featured the activities. The burden of the spoken words was emphasis of the spirit of amity which has existed for more than a century between the two countries, and stressing of the fact that this latest means of intercommunication will go far to strengthen the bonds which now bind the two nations, and to further the emphasis before the world the great thought of peace and harmony among peoples.

Shortly before noon, when the program of addresses ended, President Herbert Hoover pressed a button in Washington which actuated the great gongs beside the speakers' platforms at both sides of the tunnel, marking the official opening of the great tube. This was the signal for prolonged cheering by the immense crowds, and

aerial bombs crashed overhead and bands blared forth.

"The Fleetway"

The announcement was made that the name selected for the new tunnel is Detroit-Windsor Tunnel—the Fleetway. A competition for the choice of the name was conducted by a Detroit newspaper. John T. Willis, of Detroit, and Michael J. Walsh of Windsor, formerly of Hamilton, will each get \$300. Willis suggested the first half of the name and Walsh the latter half. The judges felt that the combination was the best name proposed. Ten other suggested names were given honorable mention.

MIXED FISH

You can eke out left-over fish to make an excellent supper dish by adding a can of shrimps, creaming all of it together and baking in casserole.

COAT CUFFS

Often times the only part of your coat lining that is worn is the cuff. You can match the lining with ribbon and add a new cuff very easily.

TO ALL LANDS

Canadian newspaper exports reach all quarters of the civilized world.

Sleeping compartments, fitted with proper bedsteads, running hot and cold water, steam radiators, folding trouser-hangers, and a temperature regulator, are now running on one night express between London and Aberdeen.

Iris had been sitting with an absorbed look on her face, gazing at her father. "Why did you marry mother, dad?" she suddenly said. "Because I was a fool, I suppose," he replied. "Poor Mums," said Iris softly. "What do you mean, miss?" asked father sharply. "I mean that it was sad for mother to marry a fool, dad," explained Iris seriously.

## 156-Year-Old Turk Peers Into the Future



Zoro Agha, said to be 156 years old, learns from Princess Mahletha, New York city, Indian philosopher, what the future holds for him, while a group of girls from Roseland bathroom gather around to listen in.

## Doctors Should Study People Who Have Not Become Sick

The next great advance in medical science, the distinguished British surgeon, Lord Moyrhan, said recently, in an address at Guy's Hospital Medical School in London, should be the study of healthy individuals instead of sick ones; perhaps especially the study of individuals who are just about to get sick. When the average patient calls in a physician or goes to a hospital, Lord Moyrhan said, the forces of Nature usually are fighting in the last ditch. The physician has only a forlorn hope to work on. What medical science now knows about fighting disease is comparable to what a military strategist would know of warfare if he were never sent for until the battle already was nearly lost; if he never commanded an army until it al-

ready was defeated and in full retreat. It ought to be possible, the British surgeon urged, to develop an entirely different type of medical science, dealing with normal people and with the fight against disease before the first engagement has gone in favor of the enemy instead of afterward. To create the detailed knowledge of normal and "near-normal" human beings necessary for such a science, Lord Moyrhan advocated the establishment in medical colleges of professorships of normal human physiology, giving these professors and their assistants access not only to hospital sick patients and to sick people generally but to groups of normal people in ordinary walks of life, and especially to people who feel themselves just beginning to fall sick.

## Canadian History Depicted In Royal Christmas Cards

A delicate compliment has been paid to Canada by the Prince of Wales in his choice of a Christmas greeting card, for it comprises a reproduction of the painting by Bernard Gribble of the full-rigged sailing ship of Henry Hudson, sailing the Atlantic in 1610, when he discovered what was afterwards called Hudson's Bay. Mounted on a dark blue card like emerald leather, the inside leaves carry a brief history of the foundation of the Hudson's Bay Company and the wish "Each chance and change that swift winged Time brings in Be for your greater good."

The King's Card, also a painting by Bernard Gribble, depicts "The Sailing of the Loyal London from Deptford." Built by the Lord Mayor, Alderman and Companies of the City of London in 1666 she was said by Peggy to be the "best ship in the world." The motto on the greeting page is "The Heavens give safety to your purposes." Her hull by the Lord Mayor, Alderman and a garden scene, being a painting by Flora Pilkington entitled "The Fragrance of the Flowers," and in addition to an appropriate quotation by Alan Estmere it bears the motto "Fair days Bring Happiness to you." The coaching picture of the Duke and Duchess of York is entitled "The Good Old Days" and was painted by Gilbert Charles Dickens and the wish "A Merry Heart, a Merry Day, And many friends on Life's Highway." The card of Princess Mary is "A Garden of Sunshine," painted by Edith A. Andrews, and like all the others is typical of the magnificent art work.

## Cotton For Road-Making

Burnley, one of the big Lancashire cotton towns, has just launched an experiment which may result in the finding of new markets for cotton cloth.

The corporation is resurfacing part of its streets, and on certain lengths it is using Burnley-made cotton. It is believed that the cotton will help to make the surface waterproof, and that it will last longer.

Similar experiments have been made in America, where cotton has been used successfully in the construction of both concrete and asphalt roads.

If the use of cotton for road-making spreads, a great deal of cloth can be used in this way. Road engineers are always on the look out for new materials, so there should be no difficulty there. Among their previous experiments may be mentioned the use of rubber, which may be encouraged now by the very low price to which the raw material has fallen recently.

## Fastest Destroyer in World Is Being Finished by France

Paris.—The French navy will soon possess the fastest destroyer in the world. The finishing touches on the navy yards and arrangements are being made to enter the ship into active service sometime this week.

The Ministry of Marine has decided to assign the new destroyer to "high seas" service, where it will fly the flag of Admiral Laborde, who is to take command of the second light destroyer squadron.

The latest speed record of the Bison has not been disclosed but it is said the maximum will exceed that of the French destroyer Valmy, placed in service early this year.

## Serviceable Holder

With coarse crochet cotton make a chain about six inches long. Turn and make a treble in each stitch. Work back and forth with trebles, taking up back thread each time to make a rib. Do this until you have a strip, which, when folded, gives a perfect square.

Make a row of spaces all around, catching edges together, then make a shell with picot in middle. I have no directions for this, made it up myself. It is heavy enough without a lining and so easily washed. I also crochet wash cloths, making two pink, blue or yellow stripes to three of white, with the colored edge. They are pretty, too.

## BORAX STARCH

If you add a pinch of borax to the water in which you rinse your linen or bath cloths and cuffs, they will have a pristine crispness when ironed.

## Canal Record Is Lowered 3 Hours

St. Catharines.—The package freighter Georgian, under the command of Captain D. Hudson, continued recently to make records on the Welland ship canal. The first steamer to pass through the new waterway when the northern division was unofficially opened for navigation at Port Weller, she was also the first boat to pass through the twin flight locks at Thorold, and now she has set a new record when she clipped four minutes from her own time, and negotiated the passage from Thorold to the end of the breakwater in Lake Ontario in three hour and six minutes.

## Seaweed May Yield High-Grade Paper

One of the big problems of the day is to find new sources for the supply of paper. Most of it is made from wood, but we are using up the world's timber faster than nature can grow it for us.

From Russia comes news of a discovery which may revolutionize the paper-making industry. An engineer named Volfjev has struck some time ago with the idea that seaweed probably contained the essential substances for making paper. Now he has evolved a process which allows this to be done on a large scale at a remarkably low cost. A factory nearing completion in the neighborhood of great sea lakes in Siberia will, it is estimated, yield an annual seaweed crop of 100,000 tons.

By means of novel machinery, seaweed can be converted into paper in less than half an hour. Sixteen different kinds of paper, as well as cardboard and glue, have already been obtained from seaweed, and the chief waste product is a fireproof substance that can be manufactured into tiles.

## The Possibilities of Tubes

While driving along M-65 recently I spied an abandoned inner tube by the side of the road. Right then and there I began to figure on the possibilities of such tubes.

One inner tube I gave a thorough washing. When dry I made a hand bag from it by cutting two pieces eight inches by five inches. The bottom was cut into fringe, the sides pinked and laced up. To finish it up I worked a beaded design on the front.

Bands were cut from the tube, covered with ribbon, and the addition of organdy flowers made them into fancy garters—A Reader.

## Goiter Preventive Found In Kentucky Limestone

Louisville.—Limestone now promises to join the anti-goiter campaign.

This rock contains small quantities of iodine, the goiter remedy, says a report of the Kentucky Agricultural Experiment Station, and is useful in making fertilizers.

"When these fertilizers are used in growing important farm crops," says the report, "the iodine content of the latter is apparently enriched and foods better suited for nourishment of animals are thus produced."

## Canadian Office in Cairo

A new Canadian Government Trade Commissioner's office is to be opened at Cairo, Egypt. The territory for this new office, which will open some time in December, includes Egypt, the Sudan, Palestine, Cyprus, Syria, Iraq and Persia. When the Canadian Trade Commissioner takes over at Cairo, Canada will have 34 trade commissioners in different parts of the world and a commercial agent at Sydney, Australia.

## Prince Receives Boyd and Connor

London.—Capt. Errol Boyd and Lieut. Harry P. Connor, Canadian trans-Atlantic fliers, were received by the Prince of Wales at York House on Nov. 6th.

"The prince gave us a marvellous little time," Captain Boyd said. "We were with him talking probably for forty minutes. Mostly he discussed aviation. He seemed to know a great deal about flying. He mentioned the German DO-X and seemed very interested in the possibilities of future development along this line."