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BLAME CRIME ON DECLINE OF THE GERMAN MARK

Efforts Made to Fix Reason For the Slaying of Minister Rathenau.

Leipzig, Oct. 5.—Just how much longer Walter Rathenau, the foreign

minister, would have been permitted to live if the German mark had not started its downward career in mid-June, is one of the mysteries suggested by the testimony given yesterday at the first session of the trial of thirteen persons accused of direct or indirect complicity in the assassination of Rathenau.

"Did you not say shortly after the murder was committed, 'it was high time the job was pulled off, as our financial bankers had almost refused

to come across?'" was a question put by the attorney-general to Ernest Werner Tschow, the alleged driver of the automobile from which the shots that killed Rathenau were fired.

The defendant hesitated but finally declared that what he had meant by his statement was that in view of the precipitate depreciation in German money, the so-called monarchist circles were speedily finding themselves becoming impoverished.

Explaining his affiliation with various irregularly organized military units, Tschow described the notorious "Consul" organization as an association for the promotion of good-fellowship.

Tschow admitted membership in six so-called nationalistic organizations but he declined to acknowledge he had been acting as a stool-pigeon for them.

The first day of the proceedings was occupied by the court in an examination into each defendant's identity. All of them admitted they were members of various nationalistic societies. A majority of the defendants gave the impression that they were members of so-called "better" families which lost their fortunes through the war.

A Watertown, N.Y., despatch says that all paper mills in the Black river district are suffering from the effects of low water, and similar trouble is being experienced by industries located on other Adirondack streams. The water flow is at its low ebb for the present season and relief from reservoir sources is exhausted.

"Research and experiments by medical men in connection with cancer have led to the conclusion that this disease is not hereditary," said a London coroner recently.

Point Barrow, the largest Eskimo village in Alaska, has seven white people and 600 Eskimos. It also contains the only hospital within a radius of 1,000 miles.

Bombs dropped on London from aircraft during the war averaged less than 100 lbs. in weight. Torpedoes for aerial use are now being made up to 4,000 lbs. in weight.

RADIO DEVELOPMENT

By LIEUT JOHN R. IRWIN U. S. AIR SERVICE (RESERVE)

SOURCES OF ELECTROMOTIVE FORCE.

There are a number of ways in which electric energy can be derived from other sources of energy. Each one of these energy transformations sets up a condition which causes current to flow, that is, produce an electromotive force. The two most important methods for producing electrical energy are "static" or "frictional" electricity, and that produced by "batteries," which means by "chemical action."

We will first discuss "static" or "frictional" sources. When a piece of hard rubber is brought in close contact with a piece of, say, cats fur, and then separated from it two things will be noticed:

1. The bodies have both acquired new properties, and are said to be electrified. 2. A force is required to separate the bodies and work is done if they are moved apart.

Both bodies now have the power of attracting light bits of chaff or tissue paper. The rubber is said to have a negative charge and the fur a positive charge. These charges exist in equal amounts and taken together they neutralize each other. An uncharged body is said to be neutral.

When these charges are on rest upon conductors they are called electrostatic charges.

Electric charges may be communicated to light bodies, like pith balls, and if these are suspended from silk threads the effects and properties of the charges may be studied in terms of the motion and behavior of the pith balls.

Two pith balls charged oppositely are found to attract each other, and two with like charges repel each other. The force between them in either case is proportional to the product of the charges and inversely proportional to the square of the distance between them. The force is also proportional directly to the value of the dielectric constant.

If two bodies carrying opposite charges are connected by a conductor a momentary flow of current takes place, and the two bodies come to the same electrical condition. If the original charges were equal both bodies would be discharged.

Electrostatic experiments can be best performed on a cold day when the air is dry.

(Continued in next issue.)

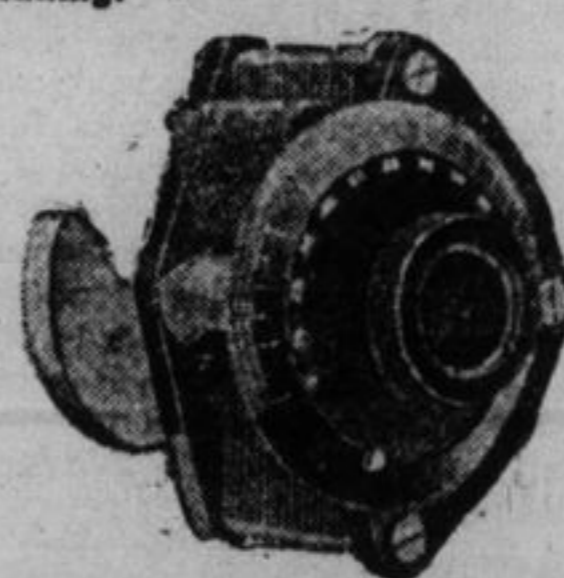
APPARATUS AND DEVICES

By RALPH BROWN, RADIO ENGINEER

VARIABLE CONDENSERS.

The reader may imagine that we are giving too much attention to the above subject, but it must be remembered that those who build their own sets are much like people who build houses. They require different designs, although the aggregate accomplishes the same result.

The illustration shows a condenser that may be utilized for either table or panel mounting. It is provided with a counter weight, which, balanced as it is, enables the operator to obtain steady and accurate adjustments. In addition it has a special locking arrangement which permits fine tuning.



Will readers interested in these radio articles kindly communicate with the editor by mail?

To-day's Radio Programme.

Friday, October 6. Station WGY, General Electric Company, Schenectady, N.Y. 12.30 p.m.—Noon stock market 12.45 p.m.—Weather forecast on 485 meters wavelength. 2 p.m.—World Series baseball game. 6 p.m.—Produce and stock market quotations; baseball results; news bulletin. 6.30 p.m.—"The Sing Song of Old Man Kangaroo" from Kipling's Just So Stories, Kolm Hager, reader.

7.40 p.m.—Health Talk; "Keeping Well in Cold Weather," by Dr. Herman M. Biggs, New York State Health Department.

7.45 p.m.—Concert programme, fourteen numbers. 10.30 p.m.—Concert programme, twelve numbers.

WANTS STATUTE LABOR TAX IMPOSED ON WOMEN

London, Ont., Assessment Commissioner is Strongly in Favor of It.

London, Ont., Oct. 5.—The city of



Greek refugees awaiting rescue on docks of Smyrna.



Cripples arriving at Loudres, France, hoping for a cure at the famous shrine there.

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PRICE'S DAIRY

PRESS CENSORSHIP NOT BRITISH ORDER

Any Restrictions at Mudani Are Due to Inter-Allied Agreement.

London, Oct. 5.—The British Government has denied all responsibility for the rigid press censorship established concerning the Mudani conference between the Allies and Mustafa Kemal. Any restrictions, it was said, were imposed by inter-Allied agreement, and probably also had Turkish sanction.

The conference, it was explained, would deal primarily with military and not political matters. Therefore, the Allied generals in the Near East had the power to make their own press arrangements. General Sir Charles Harington was practically the first chief of staff on the British front in France during the war to inaugurate meetings with newspaper correspondents. He paved the way for the relaxing of many restrictions regarding the press, as when in Italy, at the time of the Caporetto disaster, also had dall conferences with correspondents. Such conduct, it was pointed out, did not indicate that he would also institute a press censorship now.

Mr. Grant related that he introduced this subject for consideration at the last meeting of the Municipal Association, but the others only smiled at him. He holds the belief, however, that in due course the provincial government will direct that these women pay a statute labor tax as in the case of men who are not assessed for income tax.

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