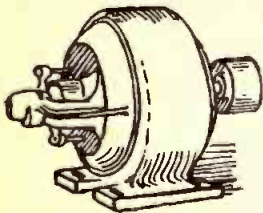


Hot Wire Ammeters
 Bell Ringing Transformers
 Toy Transformers
 Sign Transformers



Socket Transformes for Night Light
 Vibrating Rectifiers
 Electrolytic Rectifiers
 Fire Alarm Switch Boards Approved by the Dept. of Labor



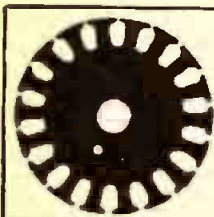
Special Dynamos for Arc Lamp in Moving Picture Shows. Special Dynamos for Charging Storage Batteries. Special Dynamos for Incandescent Lighting. We sell upon payments of \$5 and \$10 per month.
 Hobart Bros. Co., Troy, O.

BOSTON WIRELESS

Boston Receiving Transformer, \$7.50
 Variable Condenser, 25 Plates, \$2.75
 Boston Detectors, \$1.00, \$1.25, \$1.75, \$2.25, \$4.00
 Agent for Electro Importing Co. and A. W. Bowman Co., Manhattan and Adams Morgan Spark Coils. Ever-ready dash lights and batteries.
 Catalog for stamp only.
 M. MUELLER, 18 Devonshire Street, BOSTON, Mass.



September, Morn
 WATCH FOB. Exactly like illustration. The latest fob out. Has bewitching little figure of Miss "September Morn" handsomely embossed on heavy metal plate. Beautiful oxidized silver finish. Size of medal 1 1/2 x 1 1/4. Genuine black leather strap. Boys, a real work of art. Classy, alluring. Makes 'em all take notice. Agents wanted everywhere. Dandy sample fob and our great easy money proposition to hustlers sent **Postpaid 25 cents.**
 NOVEL JEWELRY CO.
 707 Lewis Block Buffalo, N. Y.



Armature Discs
 AT FACTORY PRICES
 Any size from 2 1/2 inches to 14 inches in diameter. Best grade material with japanned insulation on one side. Send stamp for circular.
 FRED. R. HEILMAN
 444 Niagara St. Buffalo, N. Y.

WIRELESS BLUE BOOK

Who's Calling?— You always know if you have a Wireless Blue Book on hand. Has alphabetically arranged list of all call letters of U. S. and American Wireless Telegraph Stations, Merchant Vessels, Vessels of the U. S. Navy, Revenue Cutters and Licensed and Unlicensed Amateur Stations and their location corrected to August 1, 1914. The most complete book of its kind ever published and one you cannot afford to be without. Size 6x8 inches, paper bound, with map of United States showing all principal radio stations, both government and commercial. Sent prepaid on receipt of 15c. Send now so that you can tell who is calling and being called.
 "BOOK DEPT."

Experimenter Publishing Co., Inc.
 233 Fulton St., N. Y. City

other words, referring back to our previous discussion of how a picture can be built up out of black dots, etc., it is easily perceivable how this device could produce a picture if the illuminated spots on the screen are successively shown in a sufficiently rapid manner. In the case of our little metallic cube surfaces at "J," that are illuminated successively, there appear bright spots at simultaneous periods on screen "H" at the receiving instrument. These bright spots at "H" are of course to appear so quickly, and succeed one another so rapidly and smoothly, that the appearance they present to the eye will be one continuous picture.

It is quite conceivable that the apparatus of the future, which will enable us to see the party at the opposite end of a telephone line, for instance, may indeed work on this principle or a modified one. There is no other method which can work so rapidly and with so little inertia as this one utilizing the Crooke's tube, in which a cathode ray is caused to rapidly oscillate or be deflected through various angles in the same way as the Braun oscillograph tube is used for depicting radio-frequency wave forms. It was the Braun vacuum tube oscillograph that suggested the idea to Mr. Campbell-Swinton for this really ingenious proposed method of perfecting a Television apparatus. This is undoubtedly one of the most interesting fields for research work open to the experimenter of to-day.

NAVY TAKES OVER SAYVILLE RADIO

In the interests of American neutrality and to avoid contravention of the Hague Convention forbidding the establishment of belligerent wireless stations on neutral soil during a war, the United States Government refused to grant a license to the Atlantic Communication Company for the operation of the great German wireless station at Sayville, L. I., and took over the operation, management and control on July 9 last.

The Atlantic Communication Company claims to have committed no improper or unneutral act. Further it says: "No charge of any such act has been brought to the attention of its officers by any official of the United States. The Government censors on duty at the station have carefully supervised all messages sent, and have retained copies of the same. The company, being a public service corporation, had no discretion in refusing or accepting messages. As a matter of fact, the station, on account of static conditions, and also on account of lack of power, was unable during the summer months to communicate with Germany for more than one or two hours during the night. This difficulty will now be overcome by the operation of the new transmitter. Communication has been possible for the past few months only when it was night in Germany and night in the United States, which has been, as heretofore stated, only for one or two hours each night."

"And I want to add," Mr. Metz, president of the company, continued, "that as a result of the Federal action to-day we will be able to communicate with Berlin all the time, day and night, instead of an hour or two each day, as has been the case up to the present time. We will now for the first time be able to use the new plant, which is three times more powerful than the old plant, and that plant will be ready the 15th of this month. And, furthermore, there will be a reduction in rates. Instead of \$1 a word plus the land rate the rate to Berlin will be 50 cents per word plus the land toll, while messages for Austria and Turkey will be 58 cents per word plus the land charges instead of \$1.08 per word as is now the case.

BOOKS

Our New Book Catalog

has been delayed, but will be off the press on **August 15th, 1915**

This catalog is particularly complete and up-to-date. Every book is illustrated and exactly described as to number of pages, size, bindings, illustrations, etc.

This valuable catalog will be sent on receipt of 2 cents to cover postage.

"BOOK DEPARTMENT,"
 Experimenter Pub. Co., Inc.
 233 Fulton St., New York

Don't Wear A Truss!

After Thirty Years' Experience I Have Produced an Appliance for Men, Women or Children That Cures Rupture.

I Send It On Trial. If you have tried most everything else, come to me. Where others fail is where I have my greatest success. Send attached coupon today and I will send you free



The above is C. E. Brooks, inventor of the Appliance who cured himself and who is now giving others the benefit of his experience. If ruptured, write him today, at Marshall, Mich.

my illustrated book on Rupture and its cure, showing my Appliance and giving you prices and names of many people who have tried it and were cured. It gives instant relief when all others fail. Remember, I use no salves, no harness, no lies.

I send on trial to prove what I say is true. You are the judge and once having seen my illustrated book and read it you will be as enthusiastic as my hundreds of patients whose letters you can also read. Fill out free coupon below and mail today. It's well worth your time whether you try my Appliance or not.

FREE INFORMATION COUPON

Mr. C. E. Brooks,
 1762 State St., Marshall, Mich.

Please send me by mail in plain wrapper, your illustrated book and full information about your Appliance for the cure of rupture.

Name.....
 Address.....
 City.....State.....