

ANNUAL REPORT of the BOROUGH ACCOUNT of MOUNT JOY BOROUGH For the year ending Dec. 31, 1929		
<b>RECEIPTS</b>		
Jan. 17 Bal. on hand	\$ 2,615.21	
Feb. 4 Jas. Metzler, 1927 Boro Tax	44.00	
Mar. 1 C. N. Mumma, laying pavement	165.84	
Mar. 5 H. H. Engle	18.50	
Mar. 5 Columbia Tel. Co.	27.25	
Mar. 5 Postal Tele. Co.	14.25	
Mar. 4 Jas. Metzler	235.00	
Mar. 7 Edison Elec. Co.	162.00	
Mar. 7 H. H. Engle	22.00	
Mar. 7 Donegal Gas Co.	10.00	
Mar. 7 Southern Pipe Line Company	5.50	
Mar. 14 H. H. Engle, lic.	18.00	
Mar. 19 W. Tyndall, rent	62.50	
Mar. 21 Conestoga Trac. Co., 26 to 29 rental	80.00	
Mar. 20 Bell Tel. Co.	17.00	
Apr. 2 Jas. Metzler, col.	54.70	
Apr. 3 H. H. Engle	24.00	
Apr. 3 Gray Iron Co., scrap	7.62	
Apr. 24 M. C. Bowman, cutting down tree	2.00	
May 7 Jas. Metzler, col.	143.50	
May 7 Donegal Gas Co.	5.00	
May 7 H. H. Engle	27.25	
May 8 Transfer Water account	2,000.00	
May 18 Jas. Baker, use of pump	1.75	
June 3 Jas. Metzler, col. Boro tax	200.00	
June 24 W. Tyndall, P. O. rent	62.50	
July 2 H. H. Engle, Burg	31.00	
July 2 Refund Premium State Workman's Ins.	8.90	
July 2 H. H. Engle	44.50	
July 3 Jas. Metzler, tax 1929	12,233.00	
July 8 E. D. Henry, tools	1.05	
July 11 Eshelman Bro., ground rent	5.00	
July 11 A. B. Hoffer, lab. fees	7.00	
Aug. 8 H. H. Engle, lic.	21.00	
Aug. 26 Treas. of Penna. Fire Ins., Tax refund	112.43	
Aug. 26 Needle Guild Luth. chur, park lights	1.00	
Sept. 6 Jas. Metzler, col.	60.00	
Sept. 10 B. W. Brown, curb block	2.50	
Sept. 10 Gray Iron Casting, taps and valves	26.15	
Sept. 10 Jonas Barto, use of pump	2.00	
Sept. 10 S. B. Bernhardt Estate	2.00	
Sept. 10 H. H. Engle, lic.	24.75	
Sept. 21 Wm. Tyndall, P. O. rent	62.50	
Sept. 24 Donegal Gas Co.	10.00	
Sept. 24 Manf. Gas. Ins.	67.20	
Oct. 16 J. E. Longenecker, concrete work	8.00	
Oct. 17 H. N. Nissly, oil	4.00	
Oct. 17 J. B. Beamesderfer, oiling	1.50	
Oct. 17 J. E. Schroll, oil	1.50	
Nov. 4 N. J. Harman, oil	3.00	
Nov. 4 C. H. Herr, oiling	2.00	
Nov. 4 M. W. Groff, stone	13.50	
Nov. 4 Jas. Metzler, boro tax	895.00	
Nov. 6 H. H. Engle, lic. fees	21.00	
Dec. 3 Jas. Metzler, col.	69.00	
Dec. 20 Eli M. Engle, oil	3.00	
Dec. 20 J. B. Hershey, oiling	1.50	
Dec. 20 M. K. Brubaker Est., oiling	2.00	
Dec. 30 James Metzler, boro tax	72.25	
Dec. 30 Dr. W. D. Chandler, oiling	1.50	
Dec. 30 H. H. Zerphey, oiling	2.00	
Dec. 31 P. O. rent	62.50	
Dec. 31 H. H. Engle	32.50	
Jan. 4, 1930 Donegal Gas Company	5.00	
Jan. 8 D. B. Brubaker, oil	2.00	
Jan. 17 Columbia Tel. Co.	27.25	
Jan. 17 Donegal Gas Co.	10.00	
Jan. 17 Edison Elec. Co., pole tax	162.00	
Jan. 17 Car License	20.00	
Jan. 22 Southern Pipe Line	5.50	
Jan. 22 Western Union Telegraph	18.50	
<b>Total</b>	<b>\$20,193.35</b>	
<b>EXPENDITURES</b>		
Althouse, Geo., fgt., oils	22.11	
Atlantic Refining, oil	1,305.70	
Bailor, Charles, l.	10.50	
Bates, Leroy, lab. mat.	15.67	
Baumbach, J., labor	12.70	
Brown, Bro., hdwe	22.74	
Brown Tin Shop, rep.	2.25	
Brubaker, D. B., merch. Columbia Tel. Company, rent and toll	86.70	
Conestoga Delivery Co., hauling	1.25	
Coye, John A., professional advice	230.00	
Dehoff, John, insurance	6.20	
Dept. of Highway maintaining routes	72.86	
Dept. of Labor and Ind., operating certificate	1.00	
Donavan, O. M., ins.	10.02	
Ebersole, D. C., filing saw Edison Elec. Co., lamps, pole rent	2,289.22	
Engle, H. H., exp. general account	40.00	
Engle, H. J., ice, 1928	6.76	
Eshelman Bros., three pairs boots	17.00	
Eshelman, Isaac, carpenter work	5.00	
Eshelman, R. F., signs	12.30	
Evans, John, labor	42.70	
Gingrich, C., labor	2.50	
Glattfelder, Jas., auditing Boro and Sinking Acc.	5.00	
Good, Frank, labor	452.25	
Goodrich, B. F., Rubber Co., 500 ft. hose	650.00	
Greider, C. C., Ins.	5.39	
Gray Iron Casting Company, castings	6.00	
Groff, George, hauling	1,440.00	
Heisey, Elmer, labor & material	29.42	
Herr, Christ, audit. Boro and Sinking Fund	5.00	
Herr & Co., wheelbarrow	5.00	
Hershey, Frank, salary	90.00	
Hoffman, Roy, hauling	68.80	
Horst, Christian, labor	112.50	
Hostetter, J. B., and Son, hardware	27.74	
Kaylor, Irvin, labor	2.50	
Kaylor Garage, labor	2.00	
Leibel, Philip & Sons, Co., tires and tubes	20.50	
Leedom, Harry, coal	35.88	
Leib, M. M., salary	90.00	
Markley, Harry, labor	43.75	
Markley, Wm., labor	12.25	
Marten, E., State treas. tax on corp. loans	95.00	
Mateer, Emerson, labor	3.50	

### MORE BROADCASTS FROM EUROPE SOON

New treats in radio programs in the next few months are forecast by Dr. Alfred N. Goldsmith, Vice-President and General Engineer of the Radio Corporation of America, whose work in research since the infancy of radio gives his opinion weight. "It is expected," Dr. Goldsmith said, "that in the coming season there will be a notable increase in the quantity



**Dr. Alfred N. Goldsmith** and quality of international broadcastings and a widened interchange of programs between various European countries and the leading broadcast agency in the United States. "Receiving sets show a tendency toward still greater simplification of control. Tuning in is a single operation performed almost simultaneously. The control of volume is equally simple and smooth."

### BANKERS TO HOLD GREAT CONVENTION

Cleveland, Ohio, has been designated for the 1930 annual convention of the American Bankers Association. This organization, which numbers about 20,000 banks with \$65,000,000,000 in assets, is annually the nation's most important financial event. The attendance ranges between five and ten thousand. Cleveland is especially significant in the history of the Association's educational traditions since it was in this city, when the organization last met there in the year 1899, that the original resolution was presented looking to the formation of an educational section. This subsequently resulted in the American Institute of Banking in which are now enrolled 35,000 bank men and women engaged in the study of the technical and scientific phases of the business.

### Age of Superstition

It is told that during the Sixteenth century a Swiss naturalist and physician of the name of Thurneysser kept some scorpions in a bottle of olive oil and that these insects were feared by the people as diabolical beasts. This physician presented an elk to his native city, Basel, Switzerland, but the people of the city regarded the elk as a devil in disguise, and a pious old woman finally rid the town of the dreaded beast by feeding it with an apple stuck full of broken needles.

### For Walkers Only!

The first pedometer was invented by John Fischer, a London mechanic. His patent, sealed on June 17, 1783, was for "a geometrical and pedometric watch which not only answers the purpose of a common watch, but is also distinguished by showing on the dial every step the walker makes and by measuring the distance." A combined pedometer and watch of this type made a few years later, but not by Fischer, is in the South Kensington museum, London.

### A New York hacker is said to be writing a book about his twenty years experience as a taxicab driver. It may make exciting reading if he can get it past the censors.

### 2 FREE BOOKLETS TELL OF HUMIDITY, AIR MOTION IN HOME

Home owners who are interested in getting the most comfort out of their heating plants will be interested in two new booklets being distributed without cost by the Holland Institute of Thermology, Holland, Mich. Written in language that every one can understand, each booklet deals with one aspect of air conditioning. "Humidity in the Home" discusses the amount of water that must be vaporized and circulated in the home each day if a healthful and comfortable atmosphere is to be maintained. It also shows how the home owner can go about operating his heating plant to secure the proper amount of moisture. "Air Motion in Home Cooling and Home Heating" shows how the principles of air conditioning employed in theaters and other large buildings can be used to keep dwellings cooler in summer as well as warmer in winter. Copies of either one or both of the booklets may be secured free by addressing the Holland Institute of Thermology, Holland, Mich.

### MY SALE WAS A REAL KNOCKOUT

**HE USED OUR WNU CUTS IN HIS ADS**  
Furnished by THIS NEWSPAPER

Mount Joy Borough, hereby certify we have carefully examined the account of the Mount Joy Borough Water Account at the Union National Bank and find same to be true and correct. We have also destroyed coupons to the amount of \$988.00.

### HEATING PLANT BEST SOURCE OF HOME HUMIDITY

### "Foolproof Humidifier" Capable of Evaporating 20 Gallons Water a Day.

In seeking a means to humidify his home in order to promote the health and comfort of members of his family and to prolong the service of rugs and furnishings which are damaged by excessively dry air, the home owner finds five types of humidifiers available. Three can be used where radiator heating systems are installed, and two in connection with warm air circulating plants, according to the Holland Institute of Thermology of Holland, Mich., which has just completed a study of the whole subject of humidity in the home and a market survey of humidifying devices.

Latest among the five types is a metal urn to be placed on a table, connected with an electric light socket during the heating season so as to evaporate water poured into it. Inexpensive in itself and requiring little current, this urn helps to solve the humidity problem, but exact figures as to the amount of water it will vaporize are not given. Steam System Elaborate. Another humidifier for steam heating systems consists of the basement to the heat pipe leading to an upstairs room. When sufficient steam is up to evaporate the water in this chamber, a tube leading up through the floor behind the radiator carries vapor into the room. As air circulates about the radiator, the vapor is caught up and disseminated through it. Although this device is more expensive to buy and install than the first one described, it costs little for operation. But figures are not available as to its actual vaporizing capacity.

Then there are the water pans used in connection with radiators. These have evolved from homemade make-shifts to invisible containers built into radiator cabinets of all degrees of refinement, often arranged so that filling is easy. These enhance the appearance of the room as well as supplying moisture. But authoritative engineering tests have demonstrated that one such pan is exposed can evaporate water by such devices to provide the required humidity.

### Water Pans Helpful.

Warm air circulating heating plants usually have water pans built into them. The heat of the firebox converts the water into steam, which is circulated with the warm air to all the rooms of the home. Humidifiers of this type evaporate between one and two gallons a day, which is sufficient for a small home. But all these devices must be kept filled or they are practically useless. This fact has caused a search for an automatic device with sufficient capacity to keep the atmosphere in the proper degree a search that has resulted in the invention of a system by which the water evaporator and the warm air heating plant and conveys it through the casing into a series of three troughs in front of the firebox. The water is evaporated, and then the vapor is carried by the circulating warm air currents to all parts of the house.

Like the automatic devices, a humidifier must be "foolproof." So any overflow that may occur drips into the ashpit where it does no damage, but the contrary dampens the ashes as they accumulate and produces steam which aids combustion. Practical tests in ordinary home installations have shown that this humidifier is capable of evaporating as much as 20 gallons of water a day, and of maintaining relative humidities as high as 64 per cent. Of course, this is excessive; but the tests clearly show this humidifier capable of maintaining the 40 per cent relative humidity which heating engineers and medical authorities agree upon as the ideal.

### "THAT LITTLE GAME" Inter-nat'l Cartoon Co., N.Y.—By B. Link



### DECADE BRINGS VAST RADIO CHANGE

#### Tenth Anniversary of Organization Formed to Foster the Art in America Emphasizes Progress.

The story of a decade in which communication leaped beyond the wildest dreams of years that had gone before is linked with an anniversary which just has been observed. The anniversary, marking the passing of ten years since the Radio Corporation of America was founded, is significant for the entire field of radio because the corporation has been associated so closely with the great changes which have pushed back world horizons. How great these changes have been it is hard to realize now that radio is accepted casually as one of the biggest of American industries, doing a business of more than \$600,000,000 a year. It helps to bring some realization to consider radio as it appeared to the men who formed the corporation, and starting business on December 1, 1919. Broadcasting as it is today, with



GENERAL JAMES G. HARBORD MR. DAVID SARNOFF

40,000,000 listeners in the United States, was undreamed of then. Transoceanic radio telegraph and ship-to-shore communication were the interests of the men who were brought together by Owen D. Young, now Chairman of the Board, with the sympathetic cooperation of the government. President Wilson feared the Alexander Alternator would enable the British to dominate radio telegraph, as they already dominated ocean cables and, at his request, the General Electric Company canceled negotiations for the device with the Marconi Company. It was to create a radio communication organization capable of holding its own against foreign competition and to supply such American organizations as the General Electric with a home market for inventions on which huge sums had been spent that the Radio Corporation was formed, welding under one central organization America's principal radio inventions and research facilities. Now the history of the corporation company's first roll who had been working in telegraphy since boyhood; Dr. Alfred N. Goldsmith, Director of Research, a scholar of radio. The possibilities of broadcasting suddenly were realized in 1920 and one of the most striking developments of modern times is summed up in the fact that between then and the end of 1922 the number of receiving sets in the United States increased from 30,000 to 1,500,000. In the years that followed the Corporation organized a decade ago to further America's interests in radio telegraph has played its leading part in a changing world. Always developing that first interest in radio telegraph, it has acquired an important position in the closely allied amusement field. It has a substantial interest in the production, distribution and exhibition of sound-motion pictures, with increased facilities for furnishing entertainment and education on records, on films, through the air, in the theater and in the home.

### Radio and Sound Films Called Telephonic Systems by Expert

The radio, telephone typewriter, transmission of photographs by wire, and talking movies are telephonic systems based on certain common principles, declared John Mills, of the Bell Telephone Laboratories, Inc., of New York, during an address delivered at the recent Ninth Educational Conference, Ohio State University, in Columbus. Explaining that Alexander Graham Bell, working on his telephone, and Samuel Morse, striving to perfect the telegraph, had in their hands the essential elements of the vast communication systems utilizing these devices today, Mr. Mills said that, while the elements used by these inventors are typically those necessary to any system of electrical communication, they have been further developed and adapted to new principles and mechanisms. Continuing, he said in effect: "In a system such as telephony, there must be a source of electrical energy, a device to control the current as it is needed, a medium for transmission, and a mechanism which will translate the electric impulses that are transmitted. Bell developed the telephone transmitter as his medium for transmission; Morse, the telegraph key, and both used the electro-magnetic motor to make reception of their messages intelligible. In telephony, the vibrations of a sensitive diaphragm, caused by sound waves, reproduced identical vibrations in the receiver of radio telegraph, it has acquired an important position in the closely allied amusement field. It has a substantial interest in the production, distribution and exhibition of sound-motion pictures, with increased facilities for furnishing entertainment and education on records, on films, through the air, in the theater and in the home. The signal system eventually led to the invention of the telephone typewriter. Now there also are devices for sending pictures, and television. In the more recent developments in the field of electrical communication, the vacuum tube has played an important part. It was applied to telephony with the opening of the transatlantic service between New York and San Francisco in 1914, and became an important device in the trans-Atlantic telephone system. Talking moving pictures are telephonic in origin. Transmission of the spoken word is divided into two steps in the films. One system involves the use of a wax disc. In the other, sounds are photographically recorded on a strip of film.

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