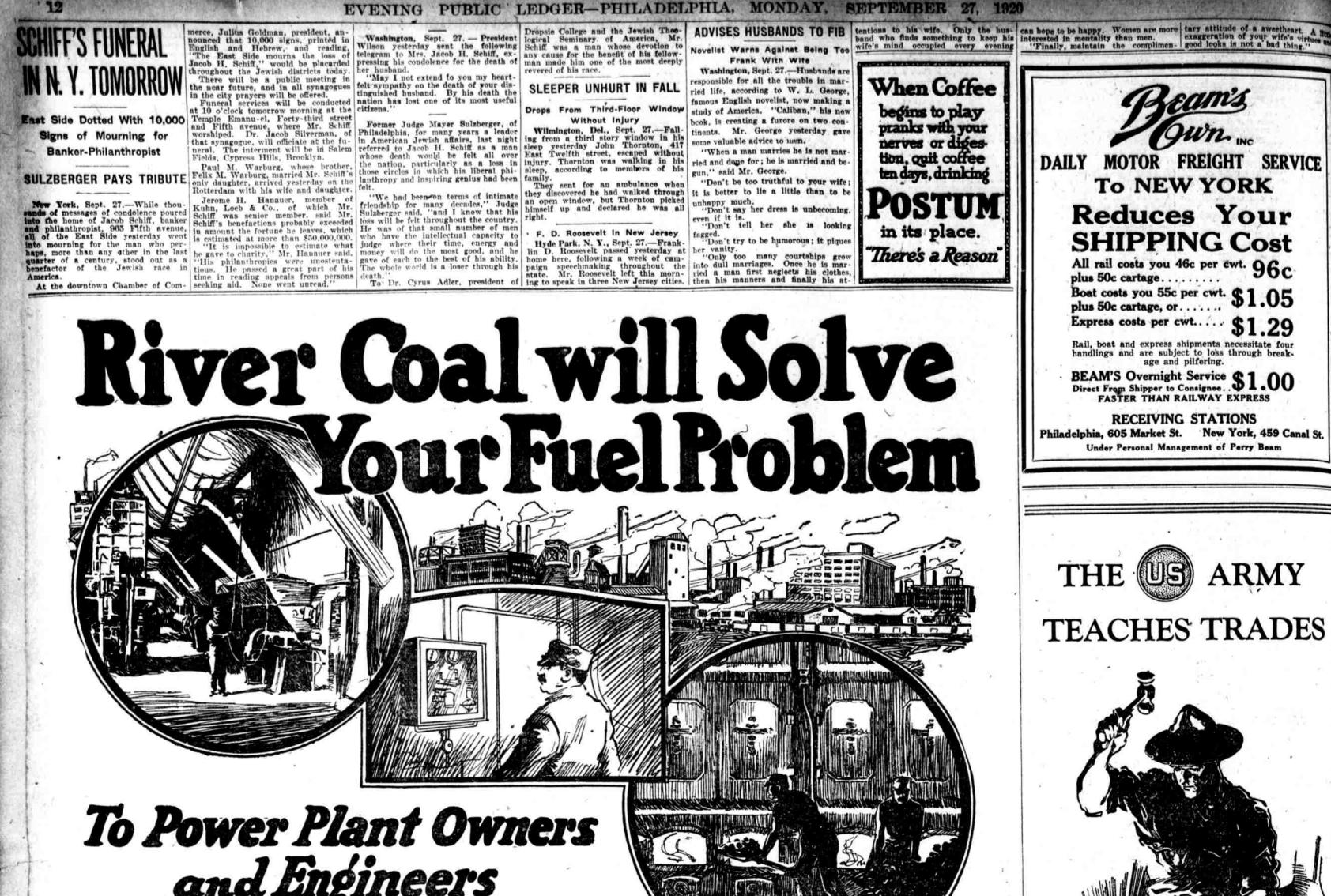
## EVENING PUBLIC LEDGER-PHILADELPHIA, MONDAY, SEPTEMBER 27, 1920



River coal can be had at a cost of about one-third the price of bituminous. Its heat value-(B.t.u.) is 77%. Its cost on a heat unit basis, therefore, is less than half the cost of bituminous. With the GRAY SYSTEM OF AUTOMATIC COMBUSTION CONTROT you are able to burn River Coal, or any of the other cheaper grad at a great saving. See what the York Haven Paper Co. say aft putting the GRAY SYSTEM to a thorough test, using river coal:

"Replying to your recent inquiry concerning results obtained by us in our two boiler plants since the installation of the OILSEAL Combustion Control System in conjunction with the mechanical draft equipment, also furnished by you. We are glad to state that these two installations are giving us excellent service, requiring no expert attention and have shown marked economy in fuel costs, as we have been able, since making these installations, to burn a few cheap grades of fuel by the aid of the Mechanical Draft, over which we have absolute control at all times and the ideal furnace control made possible by the use of your control apparatus, this control being governed by actual furnace conditions, (not by steam pressure). As an evidence of the economy in fuel costs obtained by the use of your apparatus we are glad to give you the following information.

"We keep a daily record of the coal burned and the water evaporated. From these records we have found that we are averaging 9.2 lbs. of water evaporated per pound of coal burned, which on a cost basis at the price we are paying for Bit. coal showed us that we were evaporating 79 pounds of water for one cent.

"Since the installation of your apparatus we have found that we could burn a very cheap coal (washings from anthracite mines pumped from river) and maintain the required steam pressure.

"From different daily results under usual operating conditions picked at random we frequently found that we had evaporated 108 pounds of water for one cent, which had effected a saving in fuel costs of 37% as against our previous costs obtained before these installations. We estimate our average savings to be 35%. "We are highly pleased with these results and with the equipment and apparatus which has made these results possible."

You can't afford to let another day go by without getting further information on this important subject.

Executives, Engineers and Firemen are urged to ask for further interesting information. Tear out this advertisement as a reminder to do it now.

## **Automatic Fuel Saving** Company

**Bulletin** Building

Philadelphia



Maximum fuel economy depends on "correct air supply continuously."

## The Gray System of Automatic **Combustion Control**

is an ingenious and thoroughly practical method of automatically controlling the process of combustion in steam boiler furnaces. Air is introduced mechanically under the grates and controlled automatically through a suitable means, the volume and pressure varied to maintain a constant and pre-determined over-fire pressure regardless of the ever-changing resistances of the individual fuel bed-correct combustion is insured continuously with all grades of coal.

The GRAY SYSTEM literally has its ear at the heart of your power plant all the time, and the slightest change in steam demand brings it into action instantaneously.

The GRAY SYSTEM is distinguished from all other apparatus in that it is the only combustion control that proportions the air supply to the individual fuel bed automatically.

> Ask for Complete Information Today



 $W^{\mathrm{ISH}\,YOU}$ knew a good, well-paid trade? Want to get away from the same old faces and the same old places?

The Army is a good job-and a man doesn't stay in one place until he grows roots.

In the Army you can earn a good living and have a chance to learn almost any trade you choose-learn to be a skilled man, worth more money when you go back to civil life.

Does your job give you a chance like that?

Why not get out of the rut, then? See a recruiting officer. Today is a good day to start.

EARN, LEARN AND TRAVEL

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