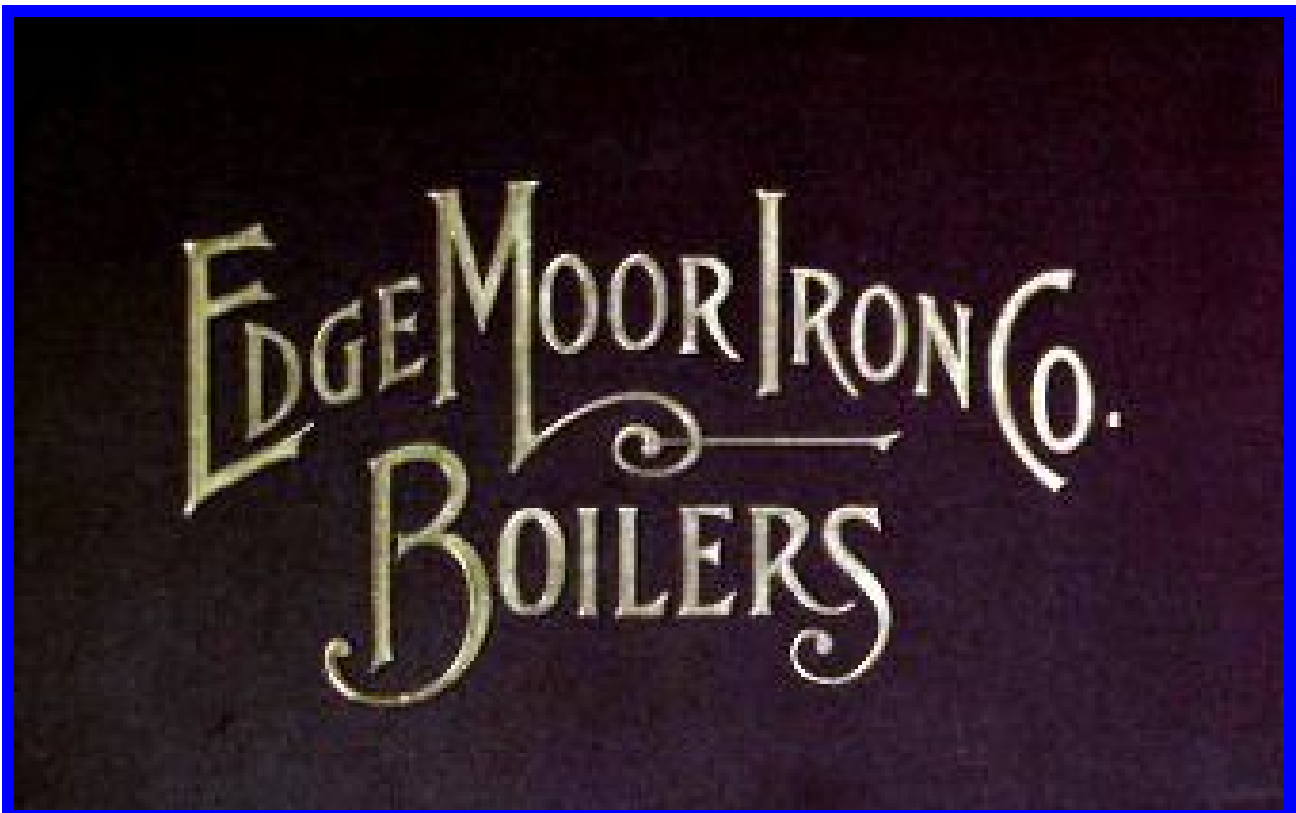


**STEAM & HOT WATER BOILERS
1750-1930**

*Galloway Steam
Boilers and Tubular
& Water-Tube Types*



1905 AMERICAN CATALOGUE (DELAWARE)

EDGE MOOR IRON CO.,

MANUFACTURERS OF

EDGE MOOR IMPROVED GALLOWAY BOILERS,

EDGE MOOR INTERNALLY FIRED RETURN
TUBULAR BOILERS,

EDGE MOOR WATER-TUBE BOILERS.

— * —

1905

Represented by

The Tracy Engineering Co.,

1647 Page St., near Ashbury,

SAN FRANCISCO, CAL.

STATEMENT.

THE Edge Moor Iron Company was incorporated by special act under the laws of Delaware, January 20, 1869, at which time a bridge and structural iron business was conducted.

In 1878 the Company commenced the manufacture of

GALLOWAY BOILERS.

In 1894 the manufacture of

**INTERNALLY FIRED RETURN TUBULAR
BOILERS.**

In 1895 the manufacture of

WATER-TUBE BOILERS.



EDGE MOOR IRON COMPANY'S PLANT.

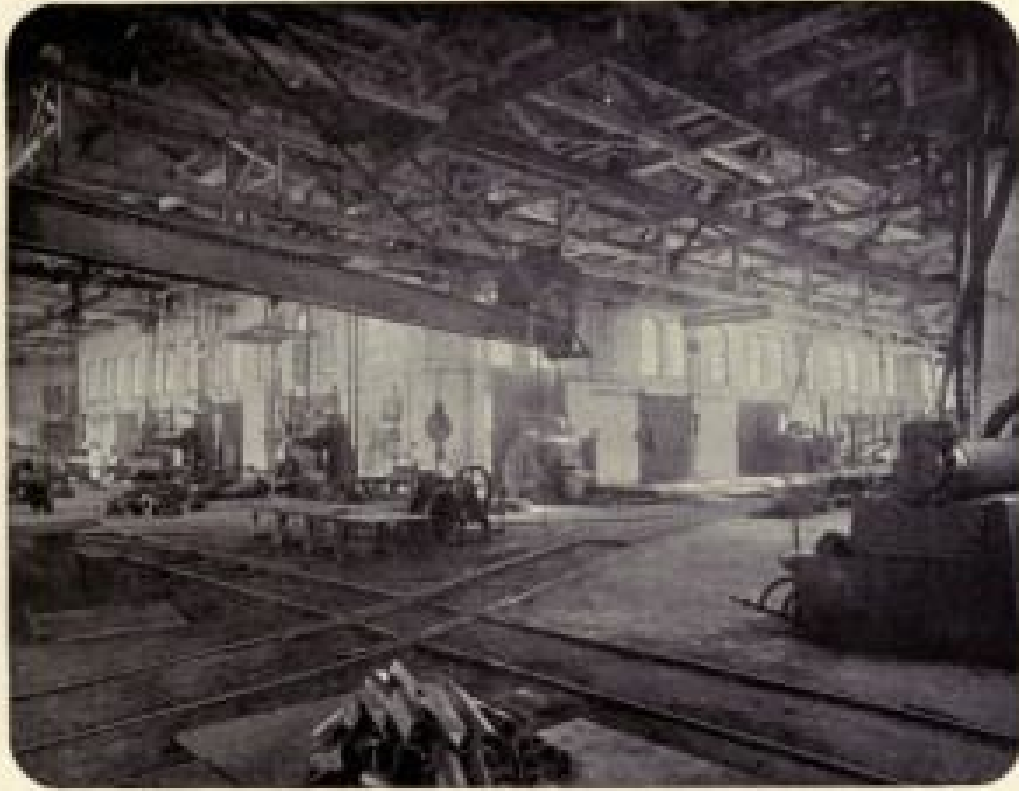
Shops having over one and one-quarter
acres of floor space.



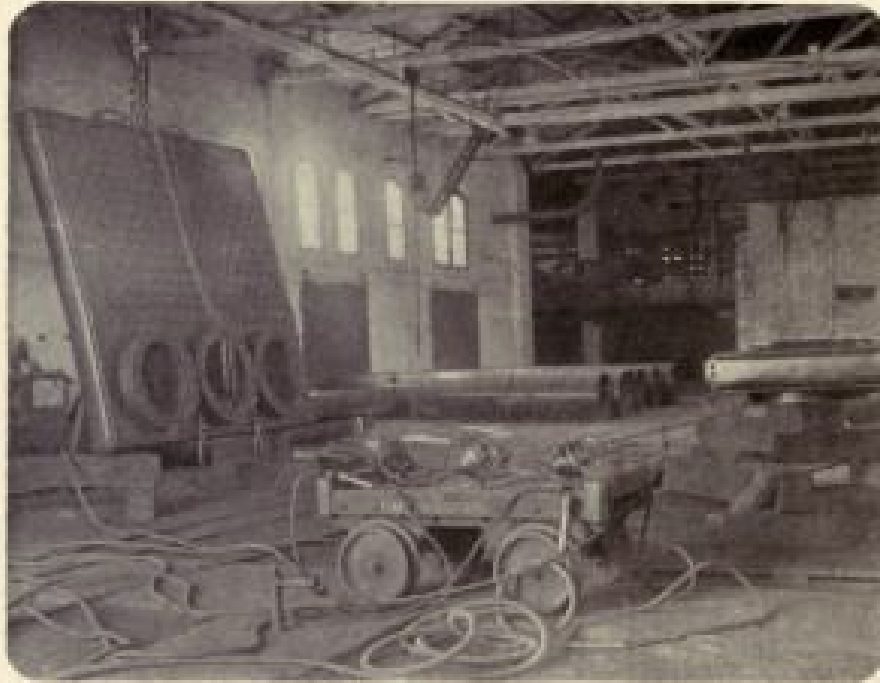
INTERIOR VIEW OF MACHINE SHOP.



INTERIOR VIEW OF ASSEMBLING SHOP.



INTERIOR VIEW OF MACHINE SHOP.

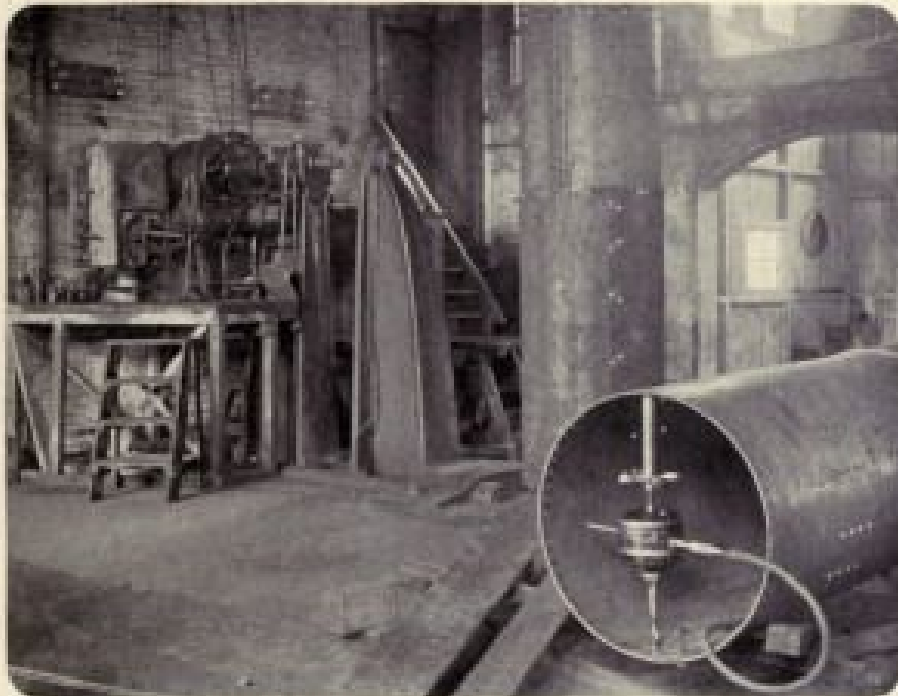


WATER-TUBE BOILER HEADER,

READY FOR TESTING.

Showing tube-holes covered, and drum-holes stopped, ready for applying hydraulic pressure test.

17



150-TON RIVETER.

The drum in foreground is assembled for drilling butt straps in place by air drill. The drum in vertical position shows method of lacing, with rivets to draw up the work to position.



STEAM FORGING HAMMER.

Under this hammer all die forgings are manufactured.



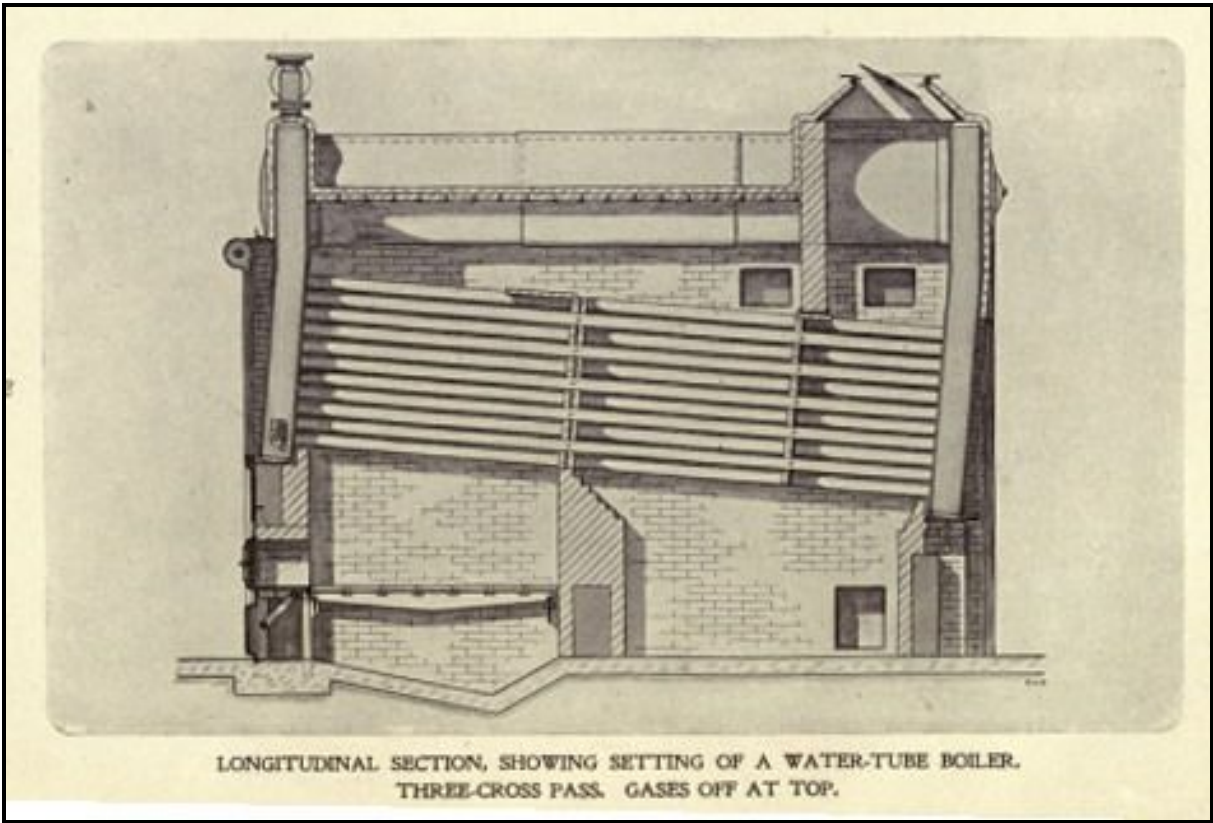
INTERIOR VIEW OF FORGING AND RIVETING SHOP.



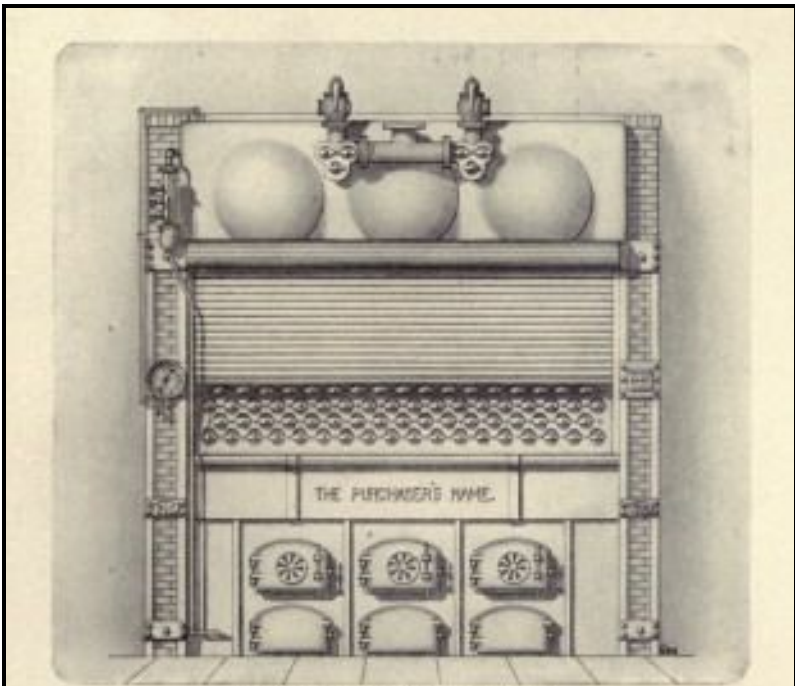
FIRST EDGE MOOR WATER-TUBE BOILER.

Tried in our shops and proved highly satisfactory in 1895.

This boiler is still in active service, and demonstrates that our boilers were designed on sound principles, and only improvements in details were necessary to make them what they are to-day.



LONGITUDINAL SECTION, SHOWING SETTING OF A WATER-TUBE BOILER.
THREE-CROSS PASS. GASES OFF AT TOP.

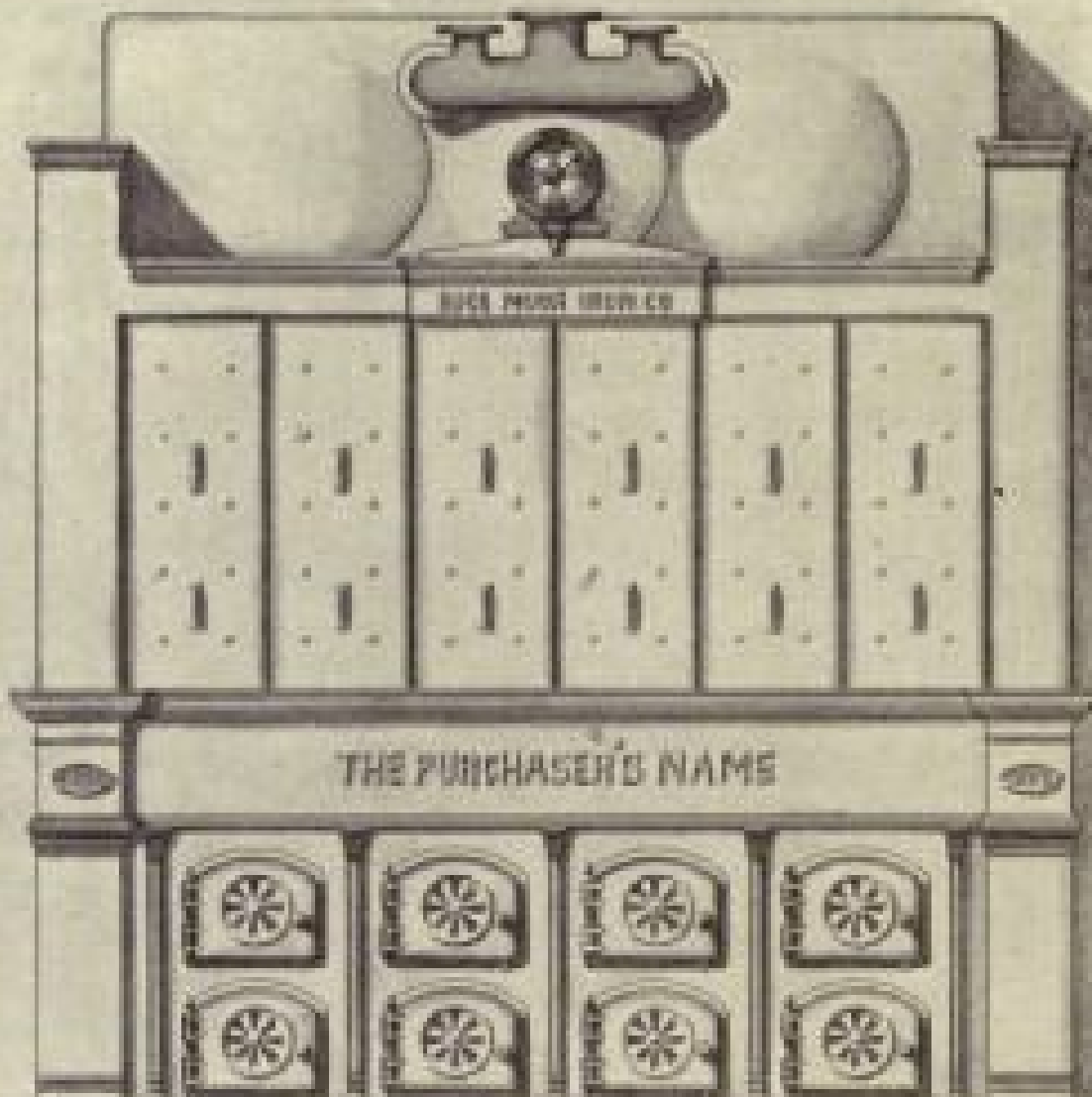


Front Elevation Three-Drum Boiler.

EDGE MOOR WATER-TUBE BOILER.

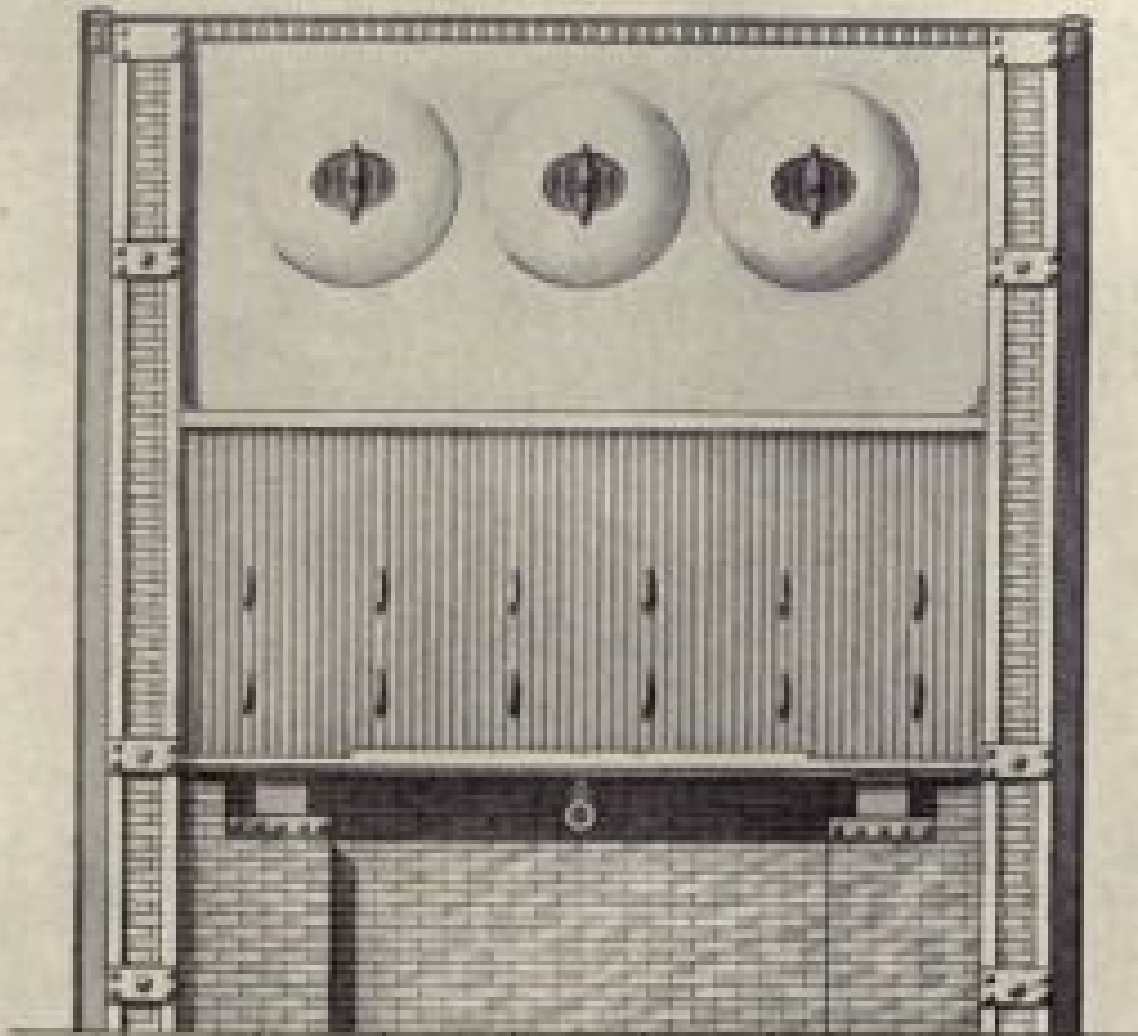
Improved under Patent, Aug. 24, 1897.

There are many water-tube boilers on the market; their merits commend them to their patrons; their faults commend them to their competitors, whose industry is such that these faults receive a public cultivation that often endangers the actual merit the boiler may possess. We believe this boiler contains all the meritorious features, and, at the same time, eliminates many of the defects of this type. It also presents several novel features, to which we desire to call your attention.



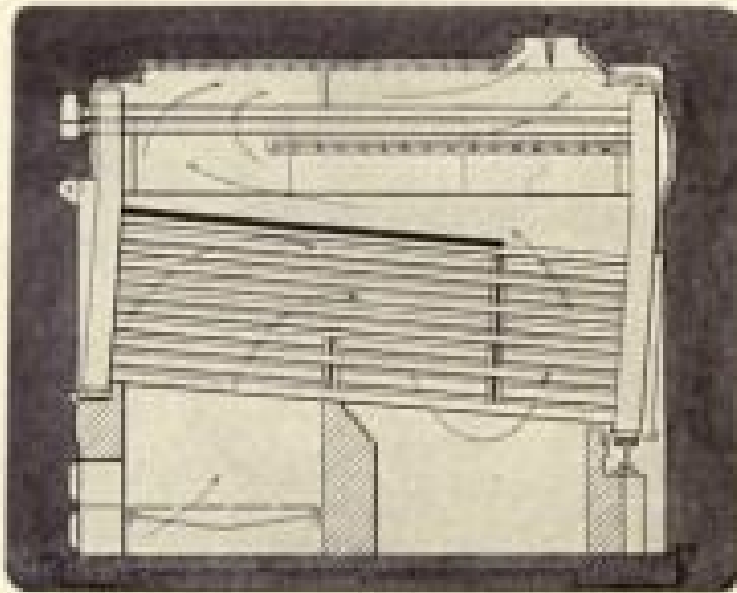
FRONT ELEVATION, EDGE MOOR WATER-TUBE BOILER.

1896.



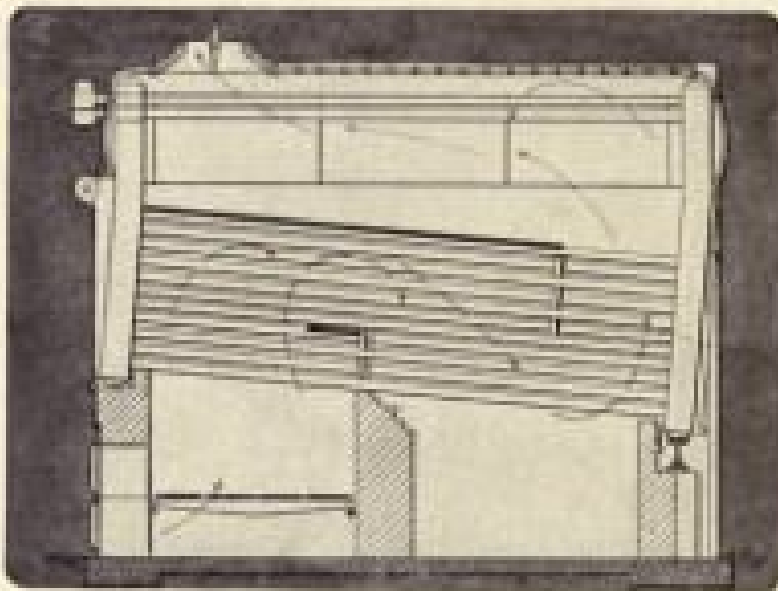
REAR ELEVATION, EDGE MOOR WATER-TUBE BOILER.

Three drum boiler.



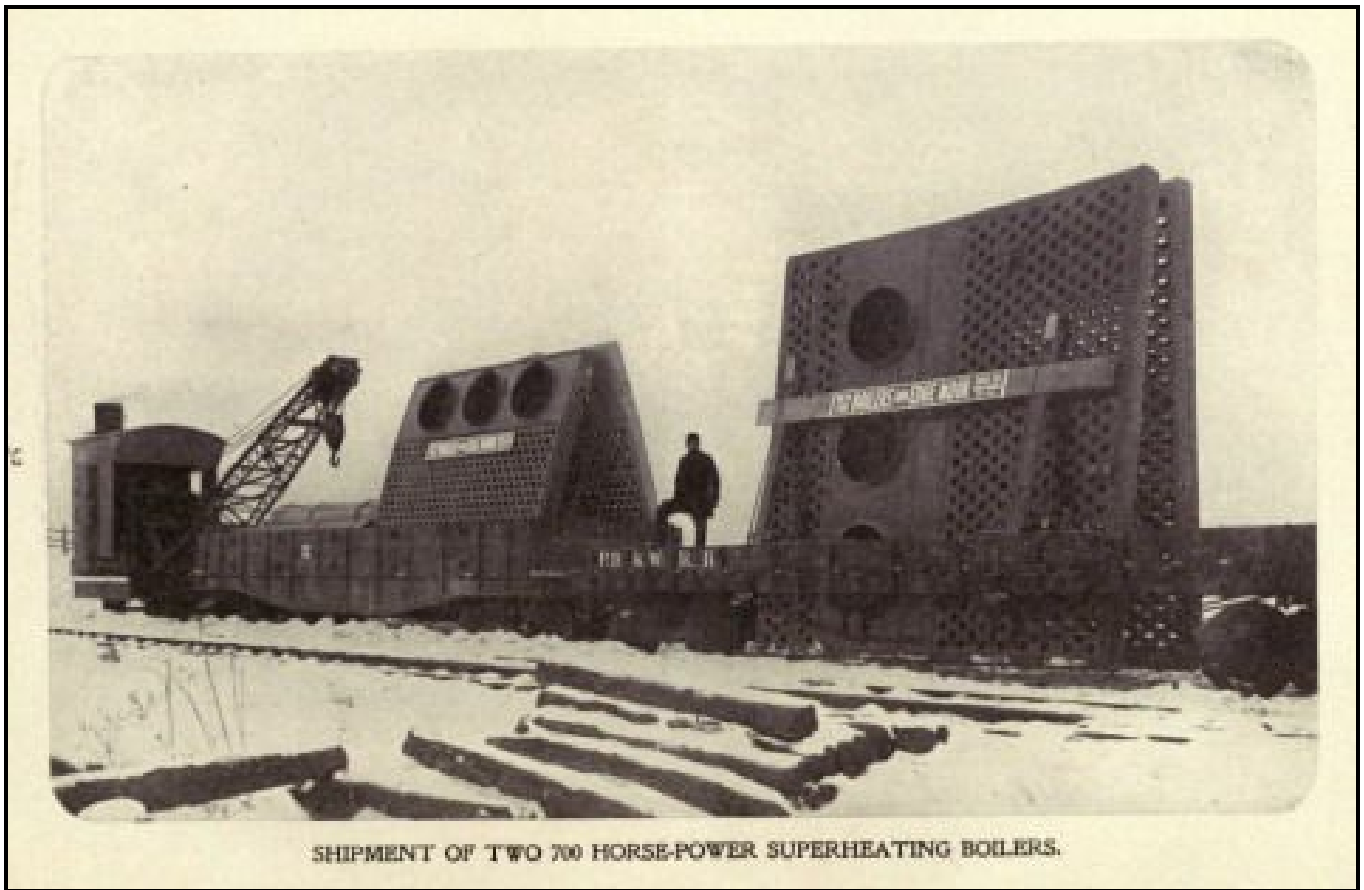
SUPERHEATING BOILER, CROSS PASS SETTING.

Gases off at top rear.

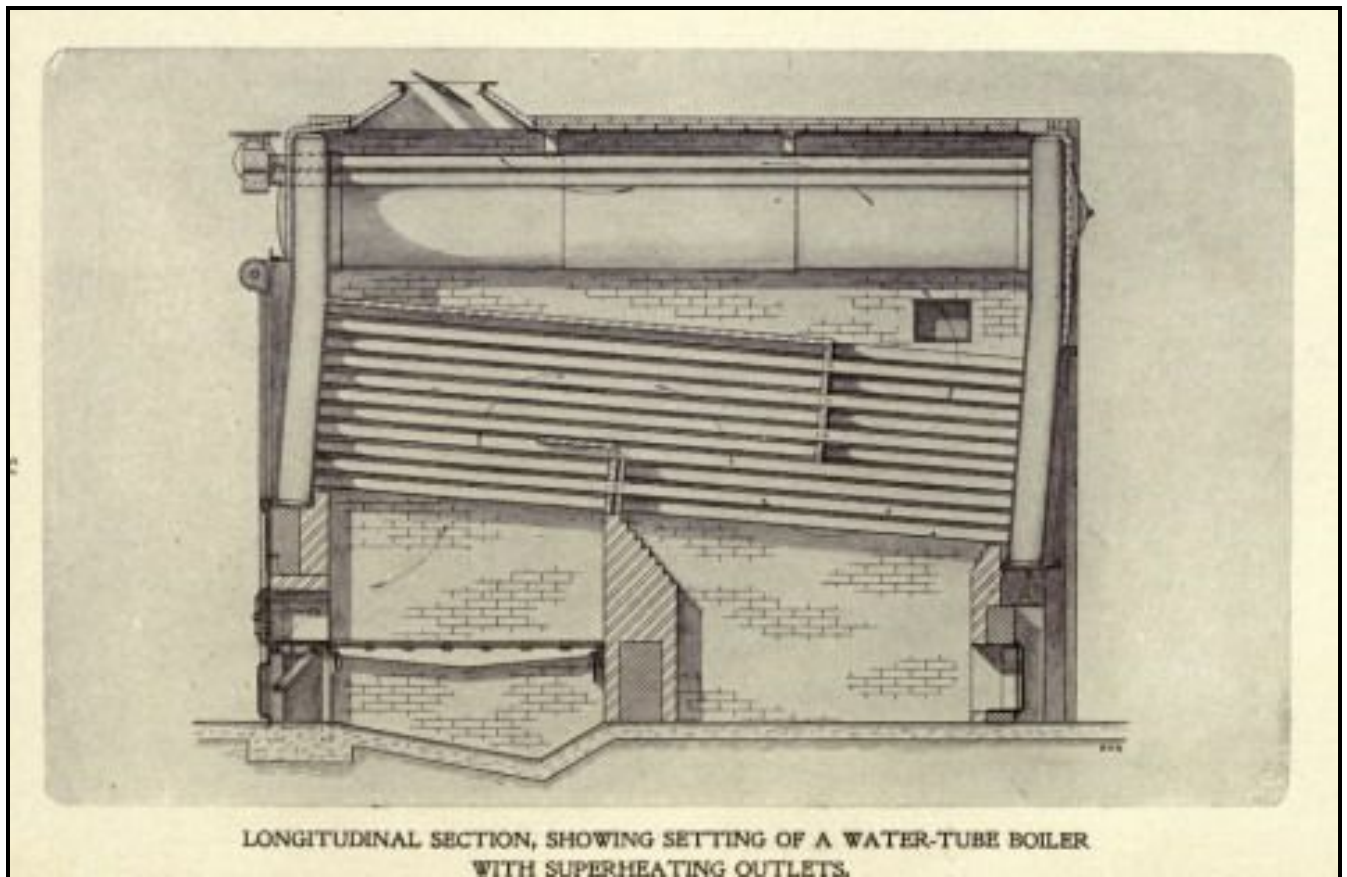


SUPERHEATING BOILER, CROSS PASS SETTING.

Gases off at top front.



SHIPMENT OF TWO 700 HORSE-POWER SUPERHEATING BOILERS.



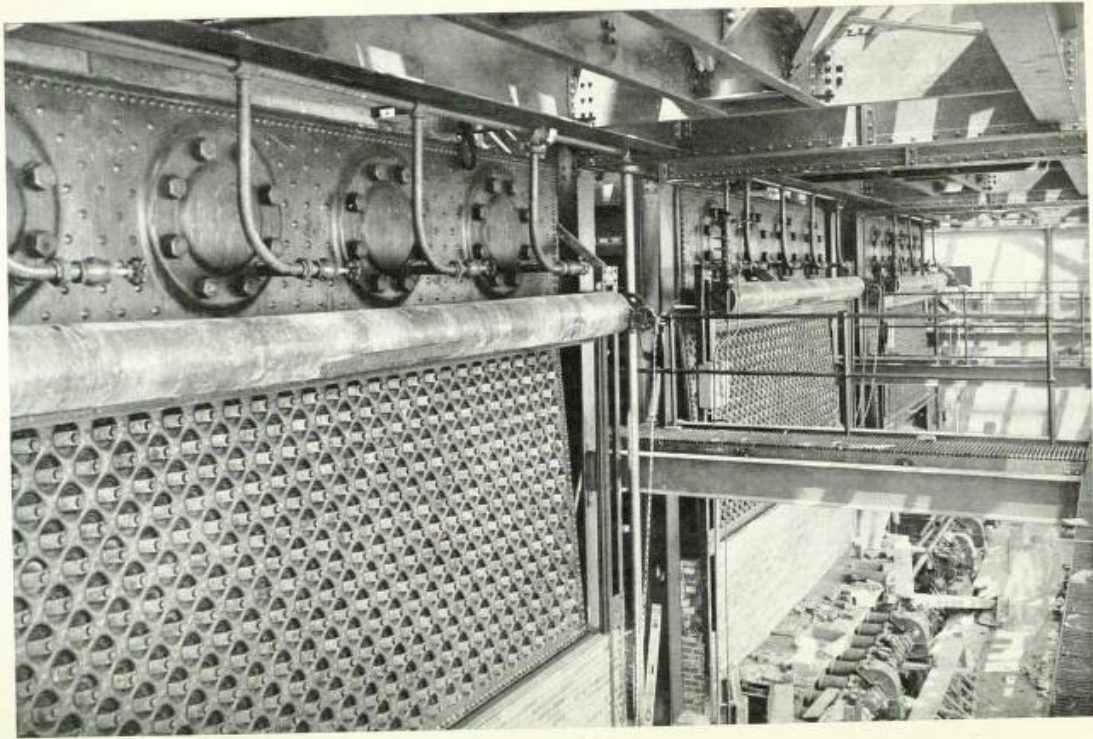
LONGITUDINAL SECTION, SHOWING SETTING OF A WATER-TUBE BOILER WITH SUPERHEATING OUTLETS.

THE EDGE MOOR WATER TUBE BOILER



GENERAL CATALOGUE
NUMBER SIXTY-THREE

1922

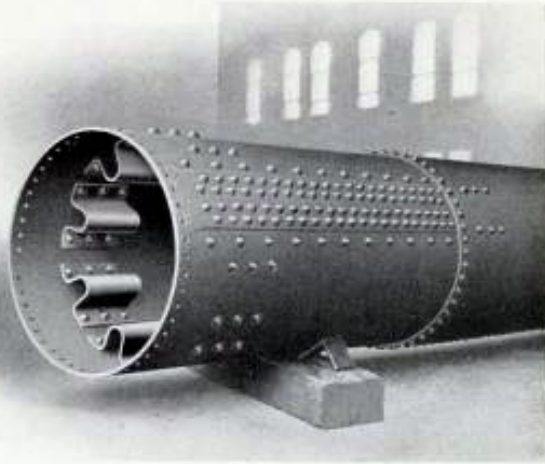


Large Edge Moor boilers in the Westport Station of the Consolidated Gas, Electric Light and Power Company,
Baltimore, Md. Each boiler has 10,490 sq. ft. of water-heating surface

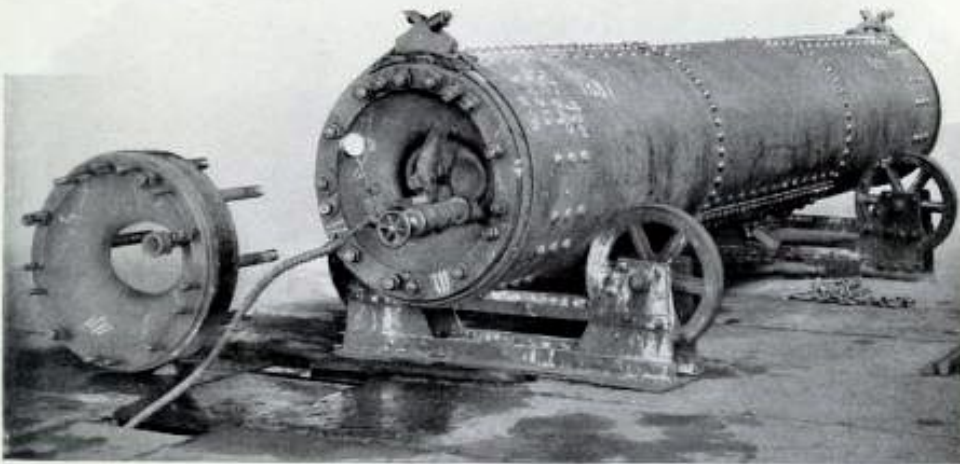
Materials and Workmanship

THE defects of an incorrect design can never be compensated for by workmanship or structural features, however good. But when it is recognized that the principles of design permit a realization of the best results, it is next in order to look into the various provisions for safety—the primary re-

quirement, for accessibility for cleaning—which affects the efficiency and labor cost, and for conveniences for quickly taking a boiler out of service and putting it back—which affects the labor cost and the fixed charges.



Triple riveted, double butt strapped drum showing U-plates on the inside



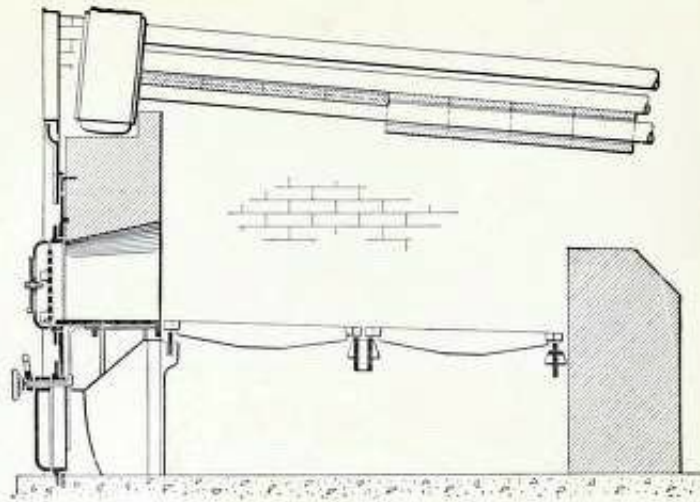
Every drum is tested at the works with water under pressure to assure tightness of riveting before shipment



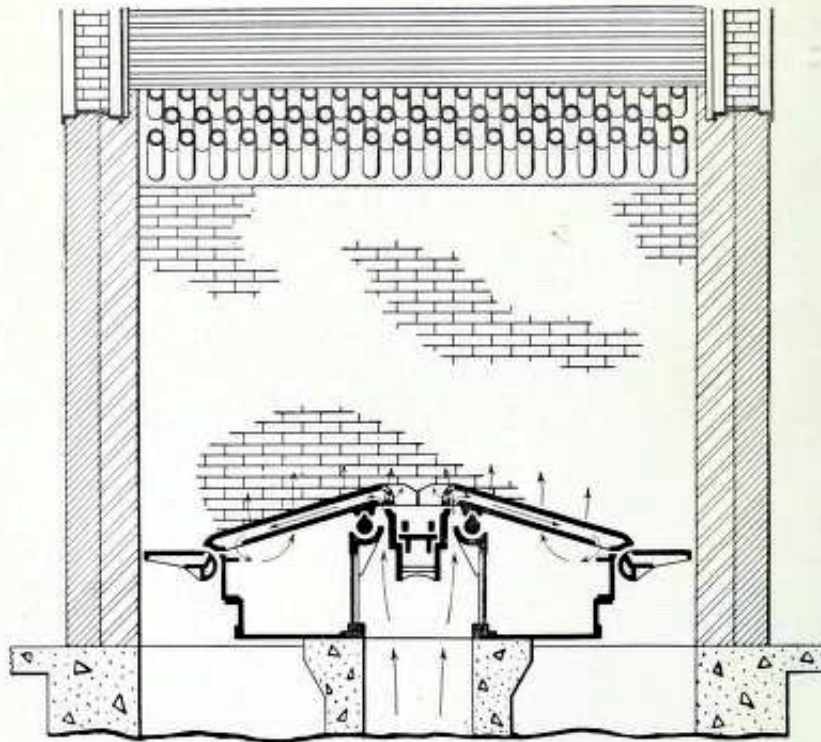
Typical loading of large Edge Moor headers



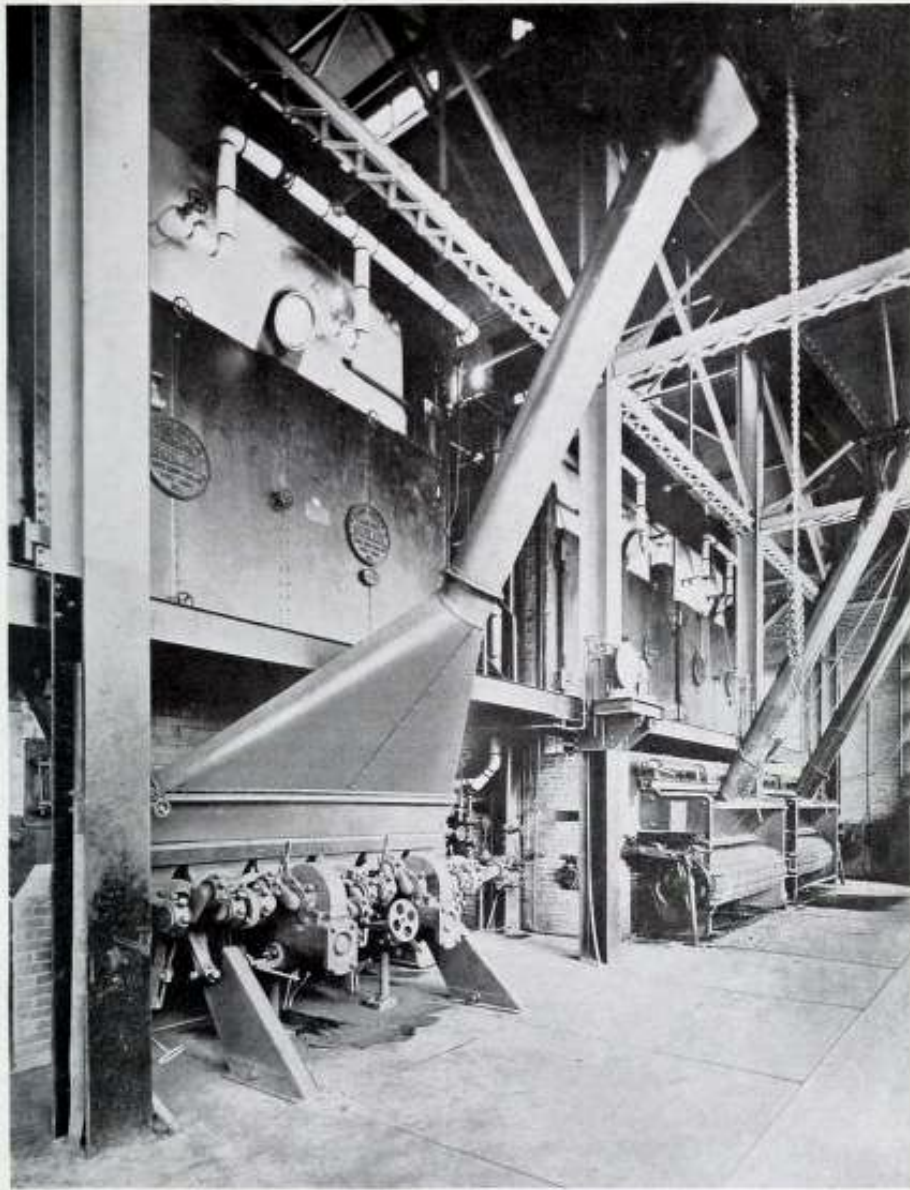
Shipment of three 600 horsepower boilers leaving the works



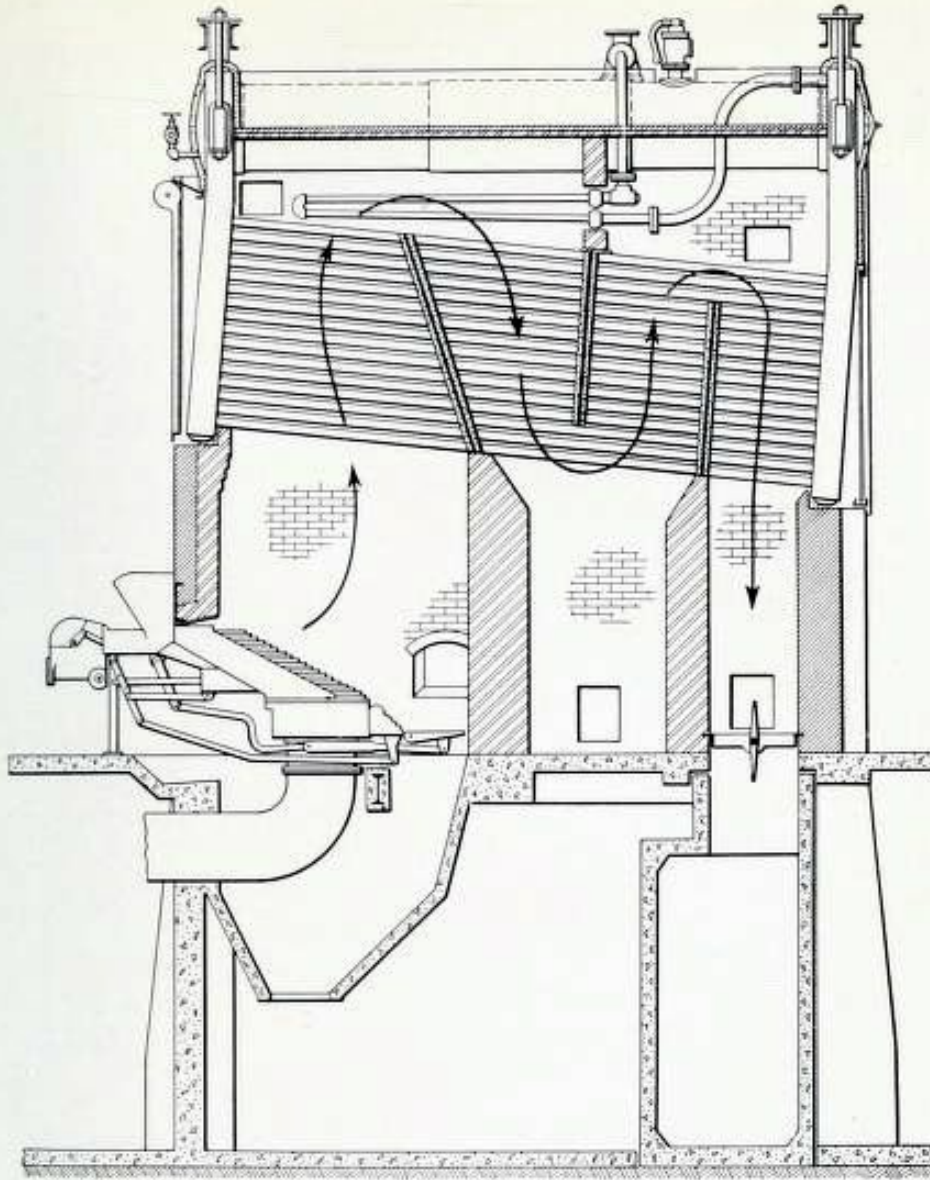
FLAT ARCH OF D AND ENCIRCLING TILE FOR SMOKELESS
COMBUSTION OF BITUMINOUS COAL



FRONT VIEW OF FURNACE WITH FORCED-DRAFT,
CENTER-RETORT, UNDERFEED STOKER



Forced-draft, front underfeed stoker and natural draft, chain grate stokers under Edge Moor boilers. Laclede Gas Light Co., St. Louis, Mo.



FOUR CROSS-PASS BOILER WITH SUPERHEATER AND FRONT UNDERFEED
STOKER

Standard sizes of Edge Moor boilers have ratings from 75 to 1050 boiler horsepower. All tubes are four inches in diameter. The lengths of tubes most commonly used are 18 and 20 feet, but other lengths will be furnished when special conditions make this desirable.