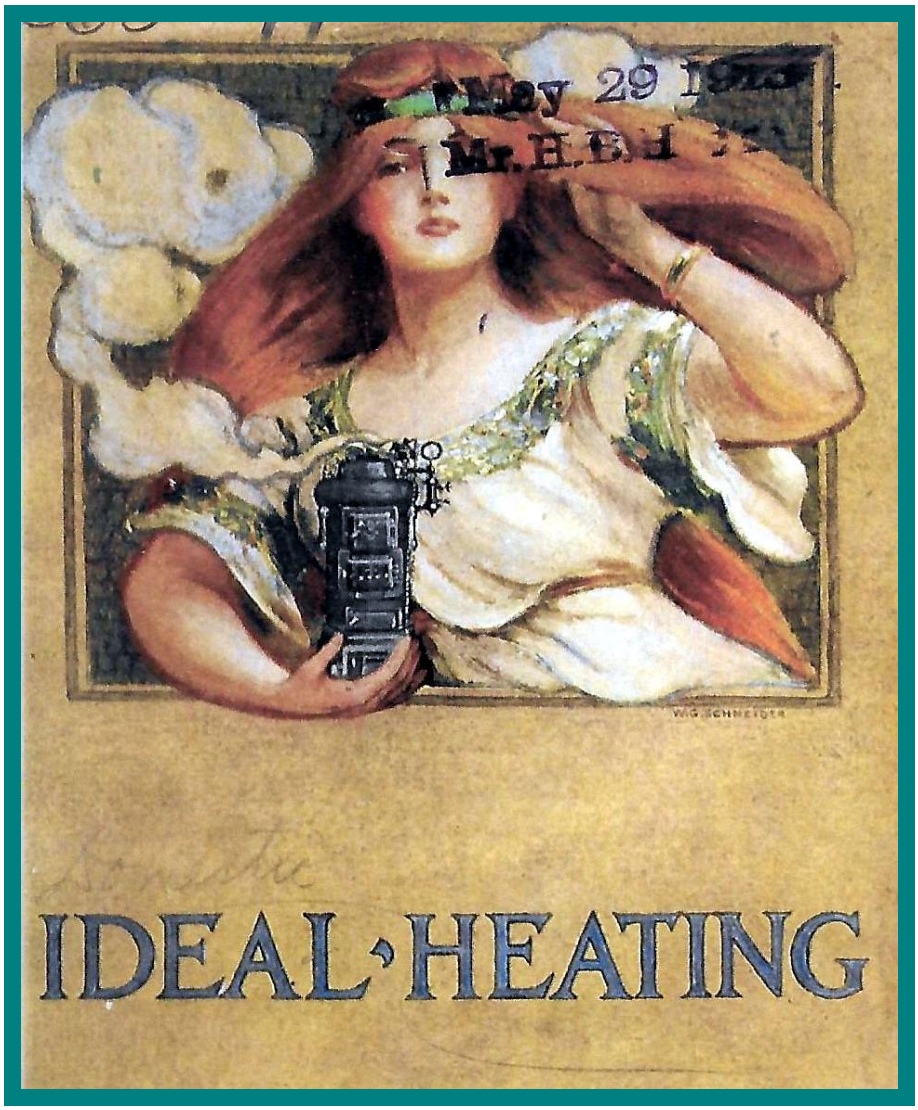
Building Engineering Services
HERITAGE REVISITED
PART NINE

BRIAN ROBERTS
CIBSE Heritage Group

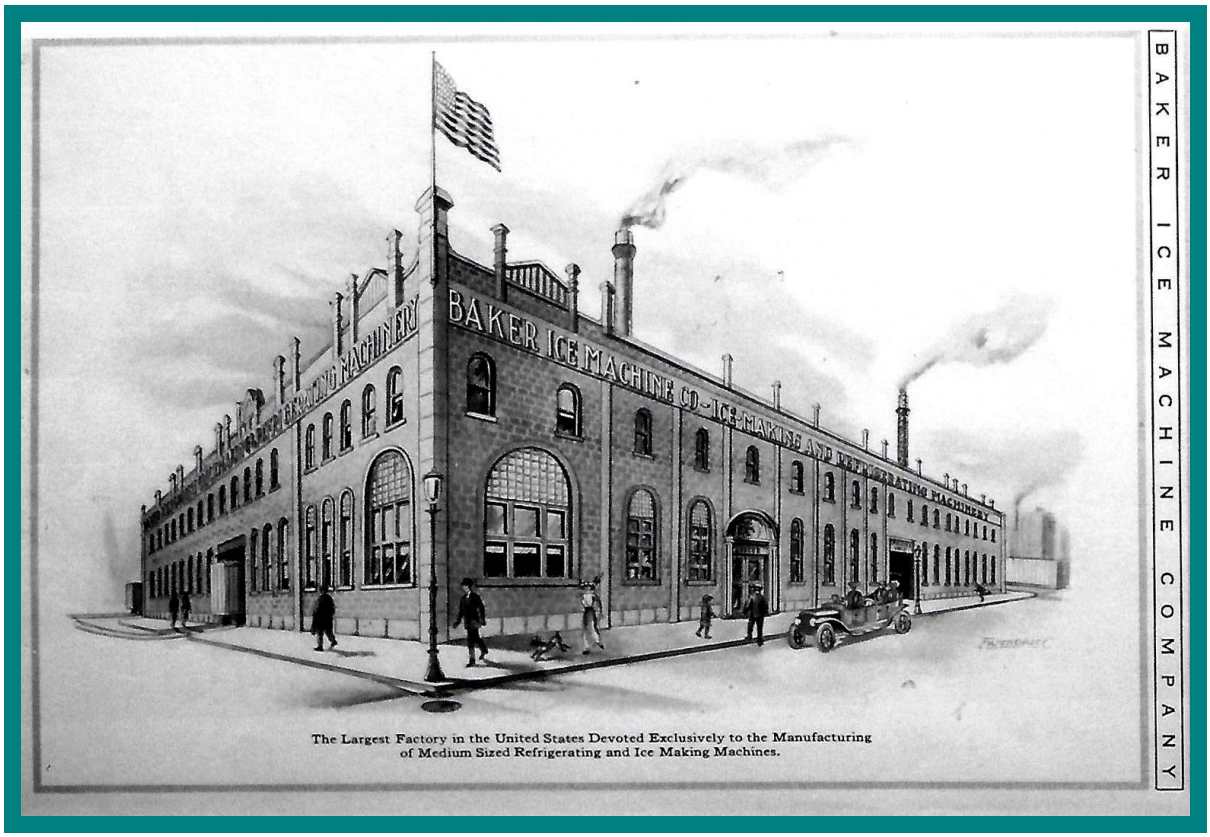


American Radiator 1911.

COMPANY CATALOGUES 1870-1930

Hitchings & Company c.1890s (from ASHRAE *Heat & Cold,* Centenary Book 1994).
The Hitchings Corrugated Fire Box Boiler was patented in 1867.

COMPANY CATALOGUES 1870-1930



Baker Ice Machine Company 1901.

The Archives of the CIBSE Heritage Group, established in 1973, are now stored in the Architectural Library of the Bute Building at Cardiff University. In Addition, the Heritage Group holds some 200 digitised complete catalogues in PDF format, dating from 1870 to 1960, most of which are from American University Libraries. This Part-9 of *Heritage Revisited* shows a selection of just a few catalogue covers and pages spanning the first 60 years. These are over 100 years old and some of the very early ones are in poor condition, but extracts have been included because of their special interest or rarity.

COVER and INTRODUCTION

Anderton & Bolton-*front cover*, Cameron Schroth-*inside front*, American Radiator-1, Hitchings-2, Baker Ice Machinery-3, Warren Webster-*inside back*, Vaillant-*back cover*

CATALOGUES BEFORE 1900

Sauvaire Freres-4, Holden-6, Wood Bailie-10, De La Vergne-12, Southern Ice-16, Pictet-17, Hercules-18, Clare Bros-19, Domestic Engineering-20, Ice & Refrigeration-21, Lux-22, Hartley & Sugden-23, Bec Auer-24

CATALOGUES 1900-1920

Hausleiter & Eisenbier-26, Dominion-30, American Radiator-32, Paul-34, Central-35, Webster-36, Vogt-38, American District Steam-39, Monitor Stove-40, American Radiator-41, American Blower-42, American Radiator-43, Clow-44

SAUVAIRE FRERES, MARSEILLE

MANUFACTURE

d'Appareils de Chauffage et de Cuisine

SAUVAIRE FRÈRES

plusieurs Brevets d'Invention et de perfectionnement S.G.D.G.

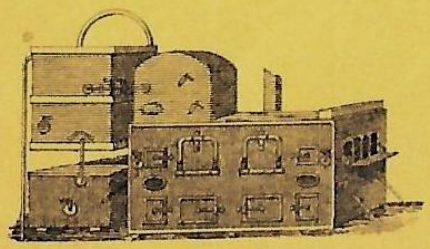
plusieurs Medailles

SÉRIE C

CHAUFFAGE

MAGASINS & Bureaux

RUE PARADIS, 6



ATELIERS

Bd Bompard

CHEMIN D'ENDOUME

MARSEILLE

LITH. BOUISSON, P., PAVILLON, 2e

Heating Stoves 1870

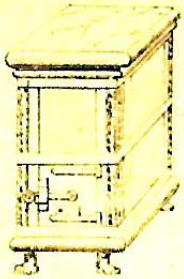
SAUVAIRE FRERES, MARSEILLE

SÉRIE C. PLANCHE

Figure 71

POËLE EN FAÏENCE

carré, à 2 rangs, dessus faïence, socle à boudin

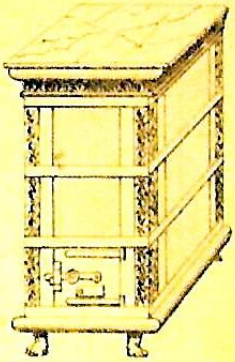


Numeros	Mesure du fût	Hauteur totale
0	0.26_0.33	0.58
1	0.28_0.35	0.62
2	0.29_0.39	0.66
3	0.32_0.42	0.70
4	0.35_0.46	0.75

Figure 73

POËLE EN FAÏENCE

carré, à 3 rangs dessus marbre, socle à boudi

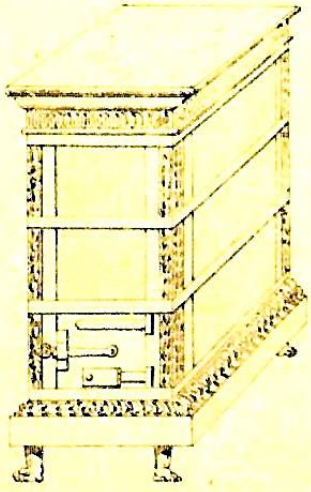


Numéros	Mesure du fût	Hauteur totale
2	0.30_0.38	0.80
3	0.34_0.41	0.84
4	0.35_0.46	0.92

Figure 75

POËLE EN FAÏENCE

carré, à 3 rangs, dessus marbre, socle droit

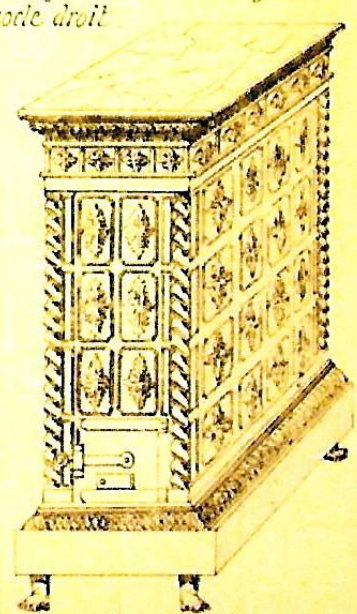


Numéros	Mesure du fût	Hauteur totale
6	0.34_0.55	1.08
8	0.44_0.66	1.12

Figure 77

POËLE EN FAÏENCE

carré, à 4 rangs, sans cercles, angles à torsade, dessi marbre, socle droit



Numéros	Mesure du fût	Hauteur totale
8	0.44_0.66	1.35

Tiled earthenware stoves.

D.L. HOLDEN & BROS. PHILADELPHIA

D. L. HOLDEN & BROS.,

MANUFACTURERS OF

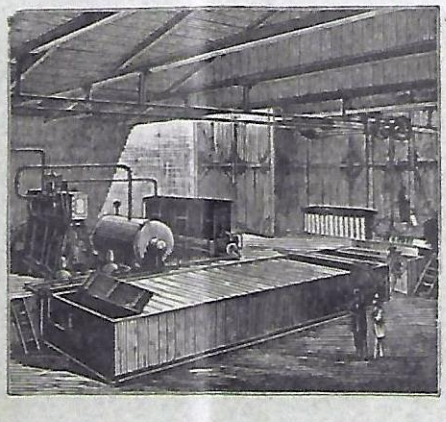
ICE MACHINES,

ALSO

REFRIGERATING MACHINES,

FOR

Breweries, Distilleries, Packeries, Fruit Houses, Steamships, &c.



PENN IRON WORKS,

BEACH AND PALMER STREETS,

P. O. Box, 1808,

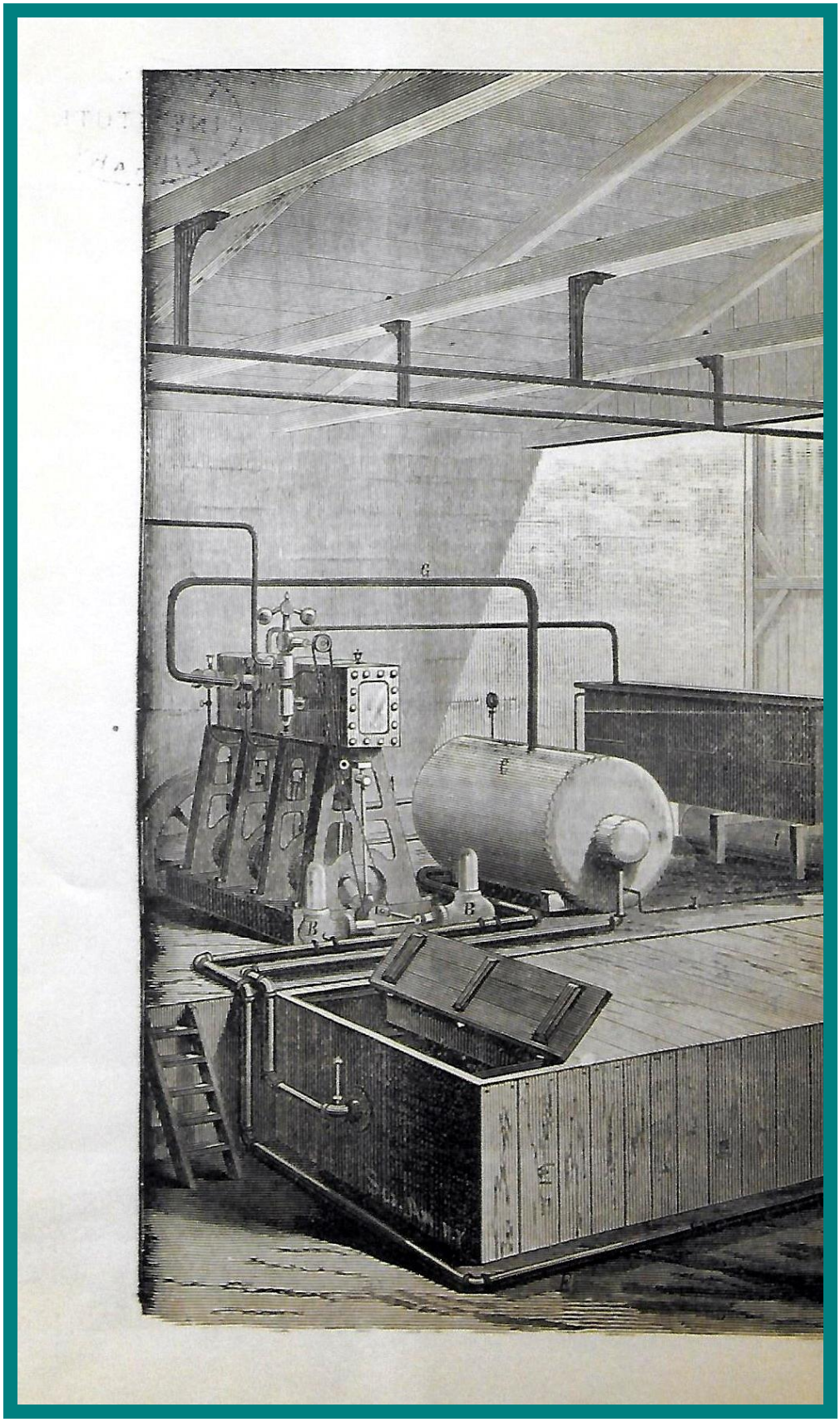
PHILADELPHIA, PA. U. S. A.

D. L. HOLDEN, E. C. HOLDEN, C. M. HOLDEN.

PHILADELPHIA:
LEHMAN & BOLTON, PRINTERS.
1878.

Ice and Refrigerating Machines 1878.

D.L. HOLDEN & BROS. PHILADELPHIA



Ice-Making Machine with Freezer Tank (left hand side of composite drawing).

D.L. HOLDEN & BROS. PHILADELPHIA

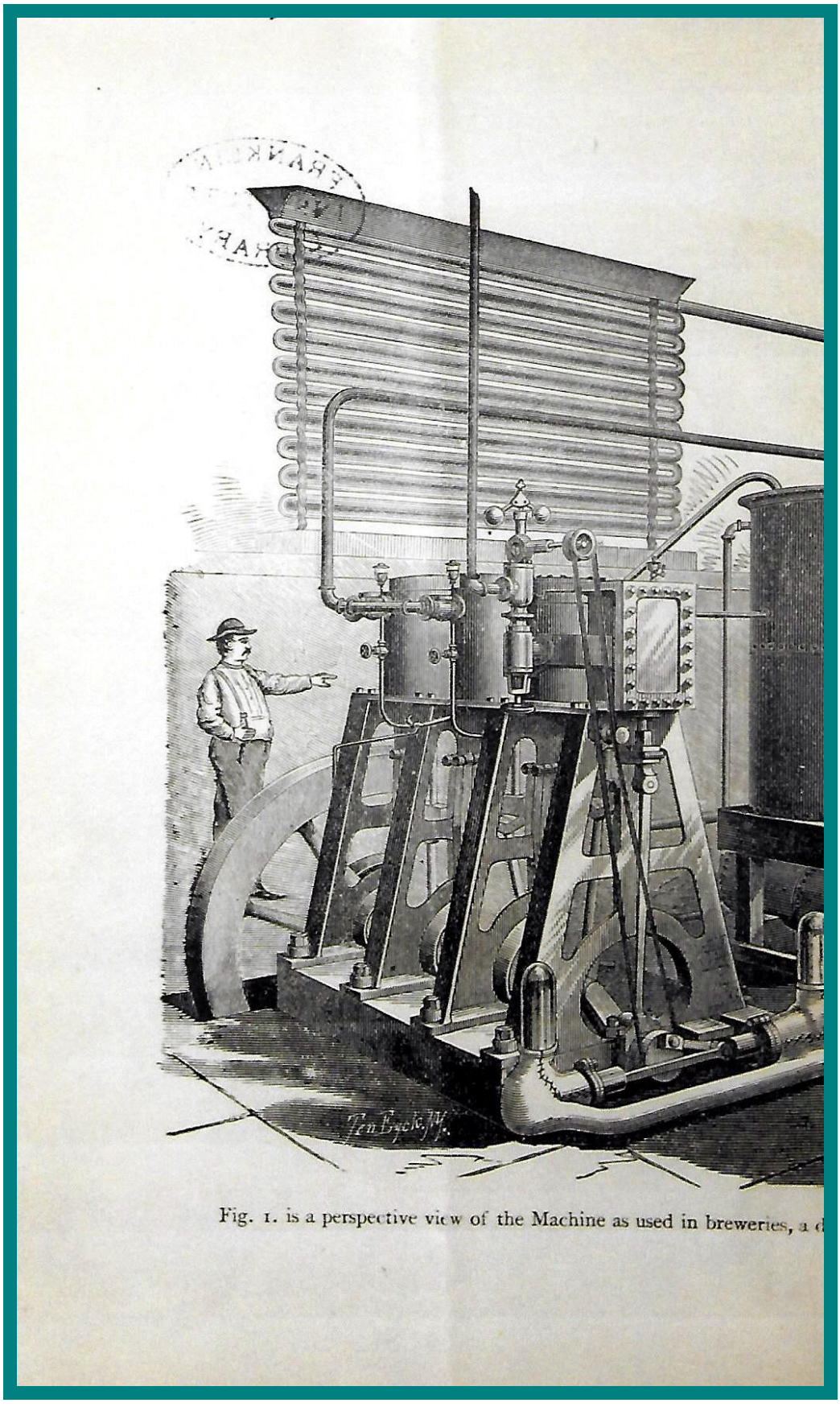
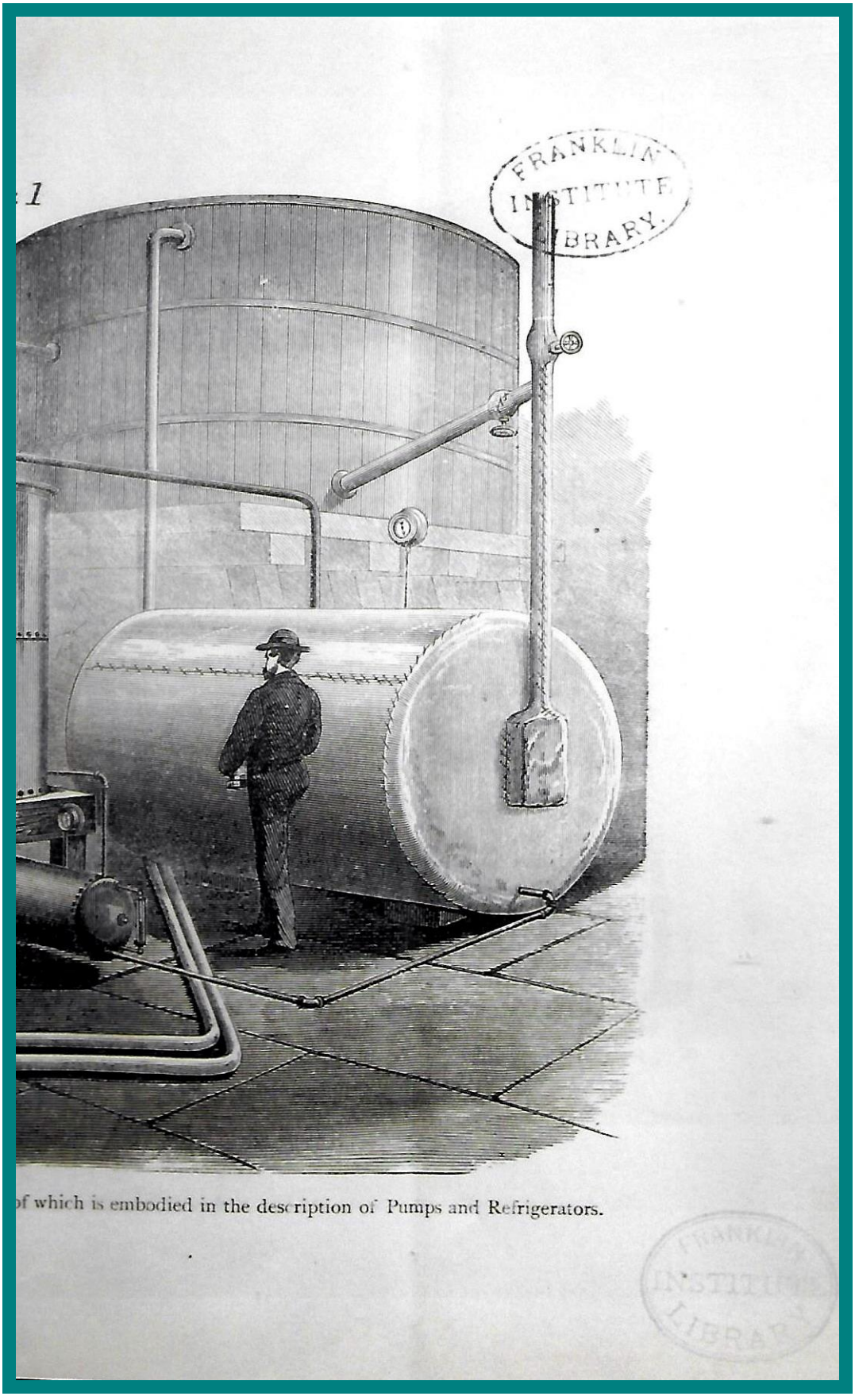


Fig. 1. is a perspective view of the Machine as used in breweries, a d

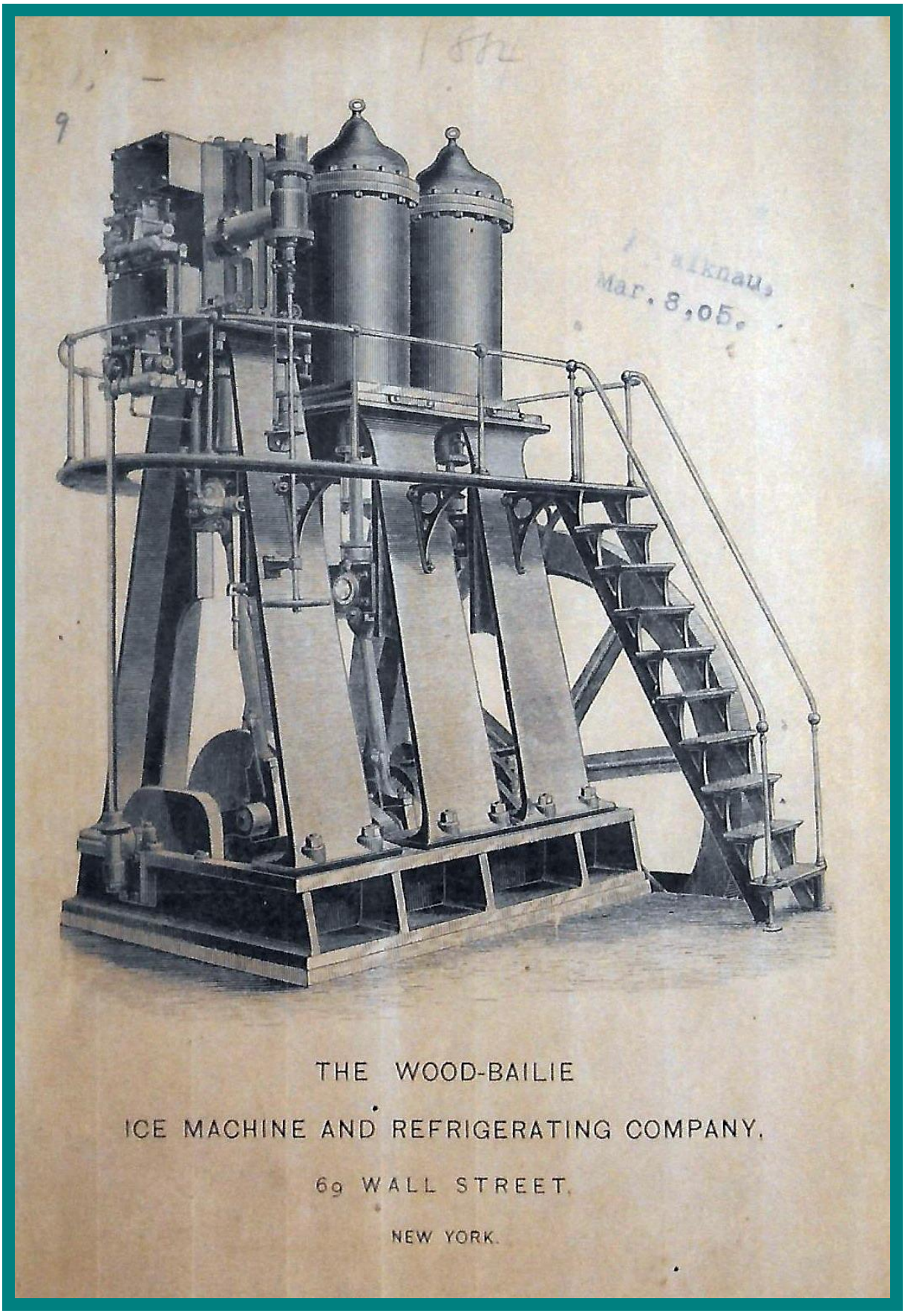
Perspective view of the Machine as used in breweries (left hand page).

D.L. HOLDEN & BROS. PHILADELPHIA



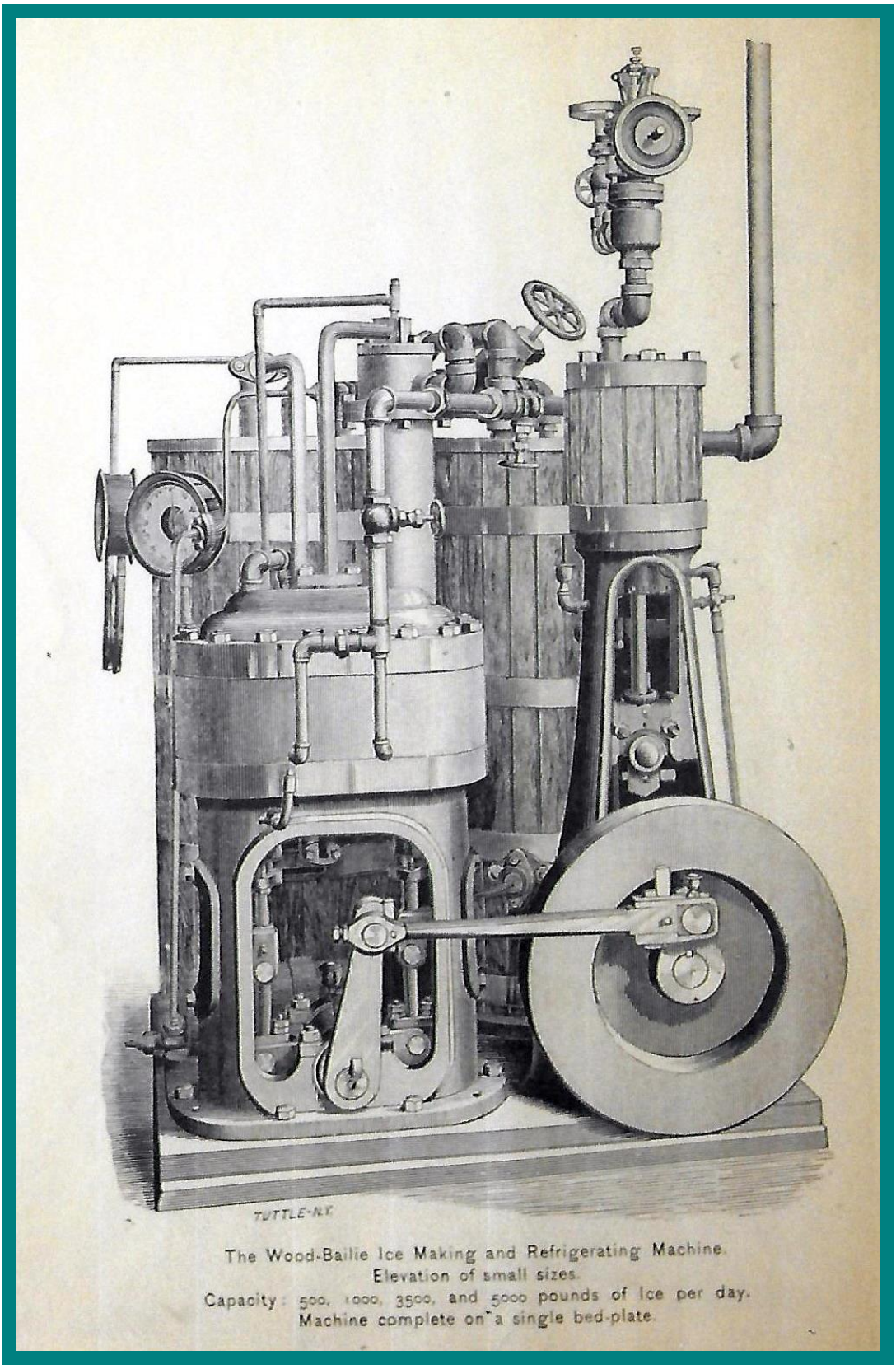
Perspective view of the Machine as used in breweries (right hand page).

WOOD-BAILIE, NEW YORK



Ice Making & Ammonia (NH_3) Refrigerating Machine 1890.

WOOD-BAILIE, NEW YORK



Ammonia (NH_3) Refrigerating Machine 1890.

DE LA VERGNE, NEW YORK

REFERENCE. PAMPHLET.

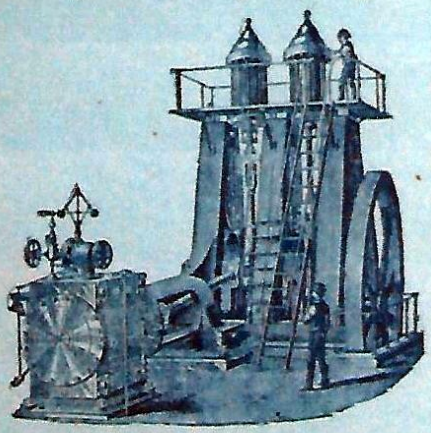
ICE-MANUFACTURE

—BY THE—

PROCESSES AND APPARATUS

—OF—

The De La Vergne Refrigerating Machine Co.



MANUFACTURERS OF

REFRIGERATING AND ICE MACHINES,

AND OF

ANHYDROUS AMMONIA.

OFFICE AND WORKS:

Foot of East 138th Street (Port Morris).

NEW YORK:

JOHN C. DE LA VERGNE, President;
LOUIS E. DE LA VERGNE, Vice-President;
CHAS. H. CONE, Secretary.

1892.

Ammonia Refrigerating and Ice Machines 1892.

DE LA VERGNE, NEW YORK

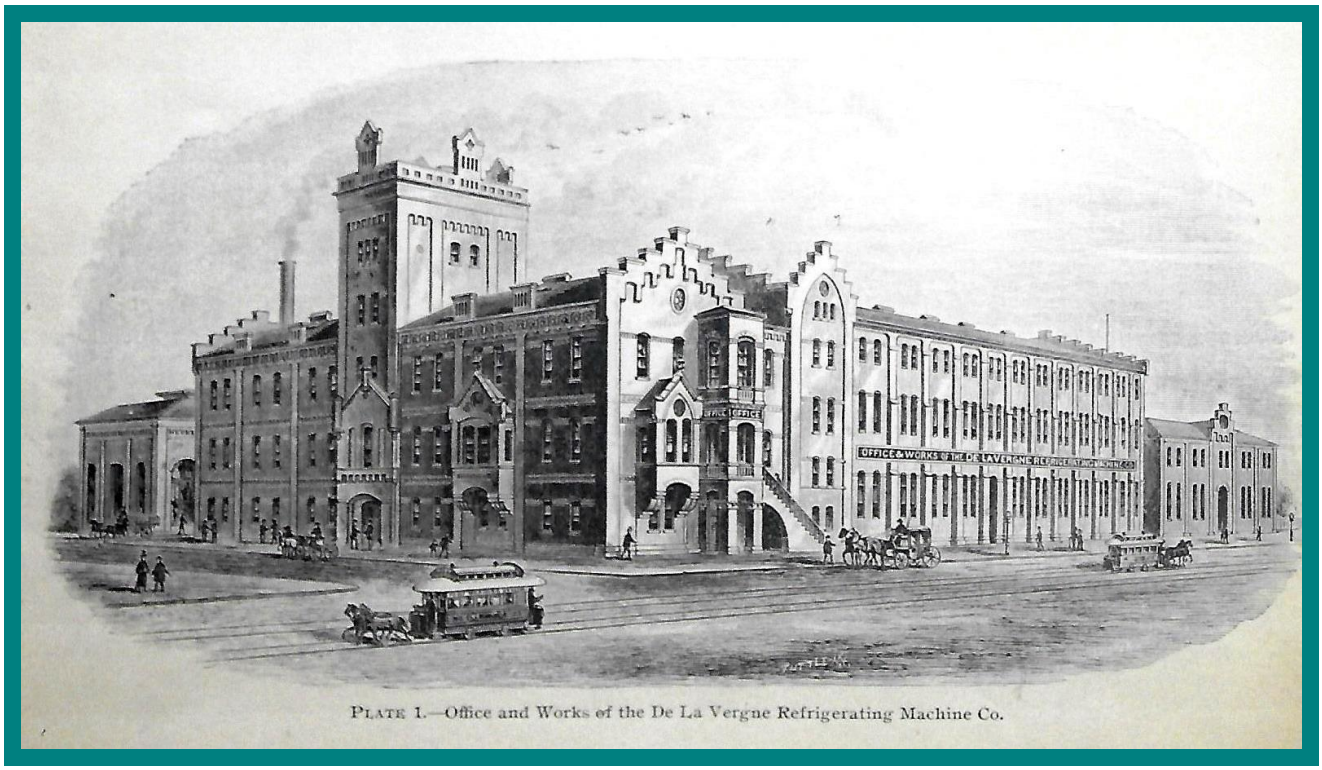


PLATE 1.—Office and Works of the De La Vergne Refrigerating Machine Co.

De La Verne Office and Works, East 138th Street, New York.

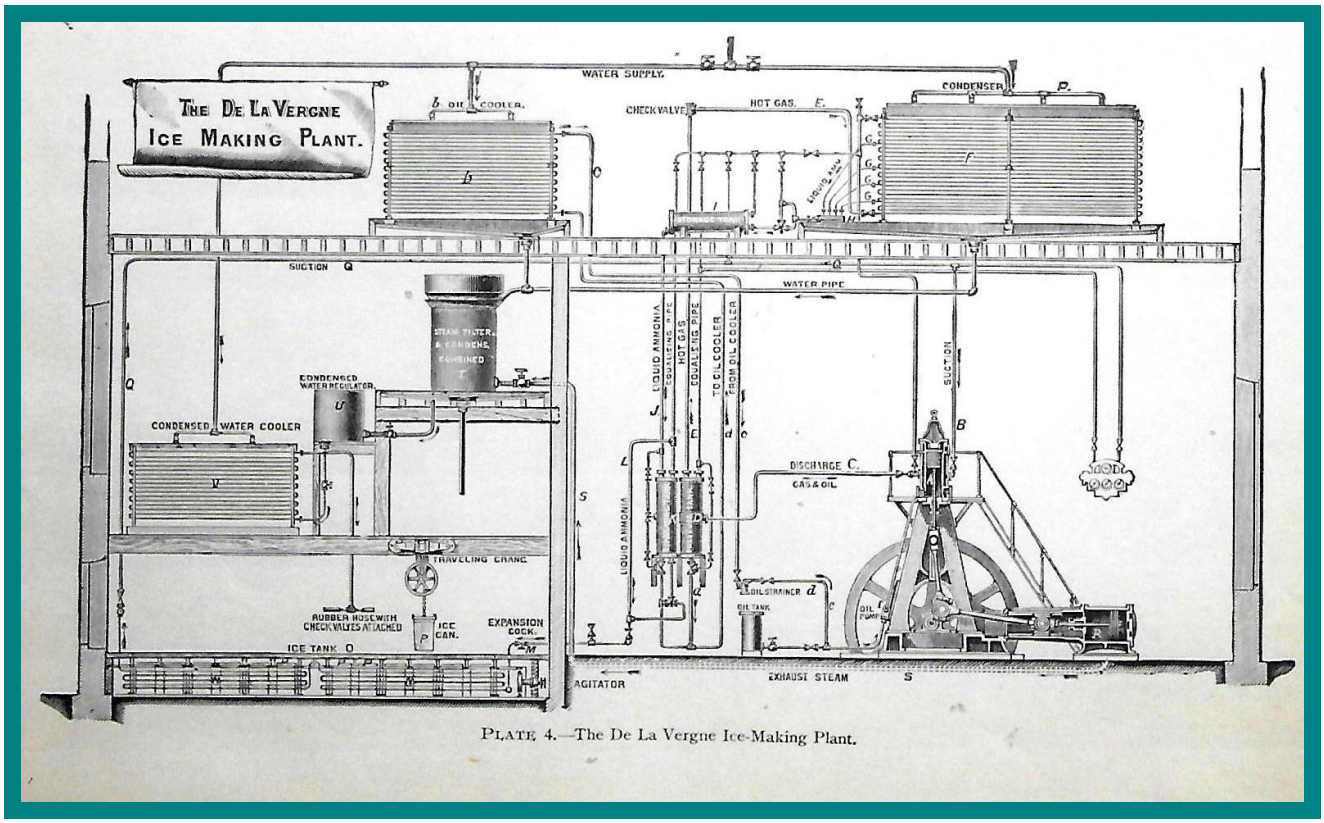
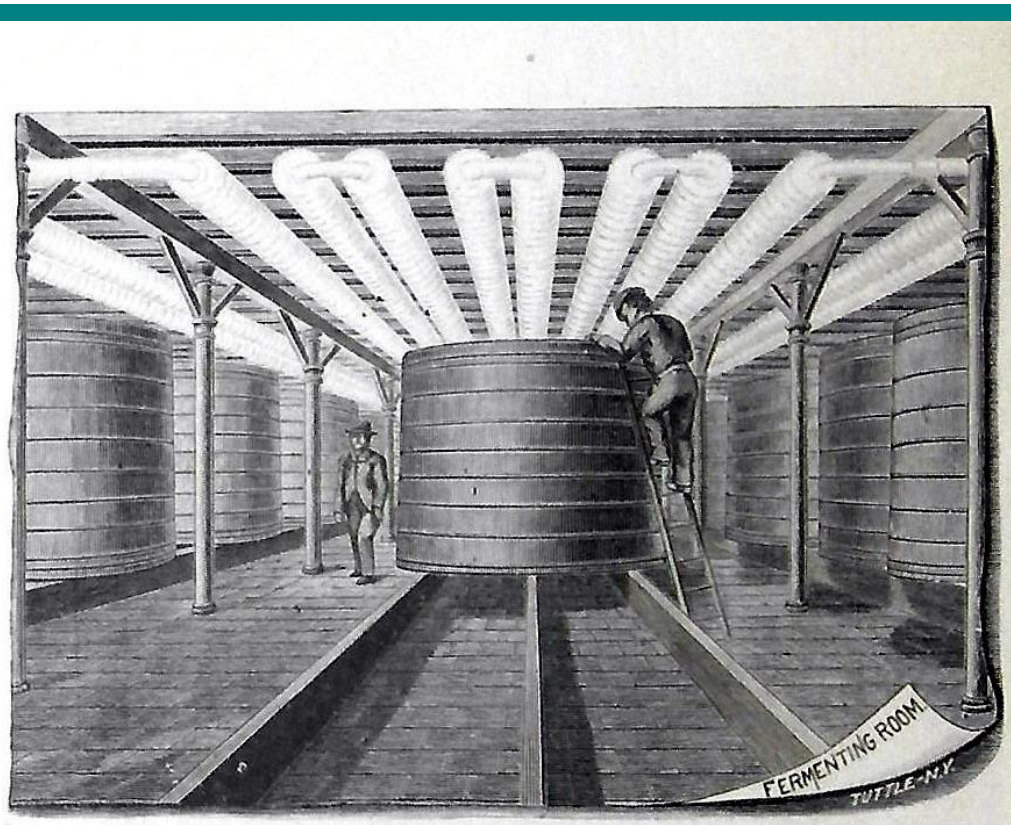


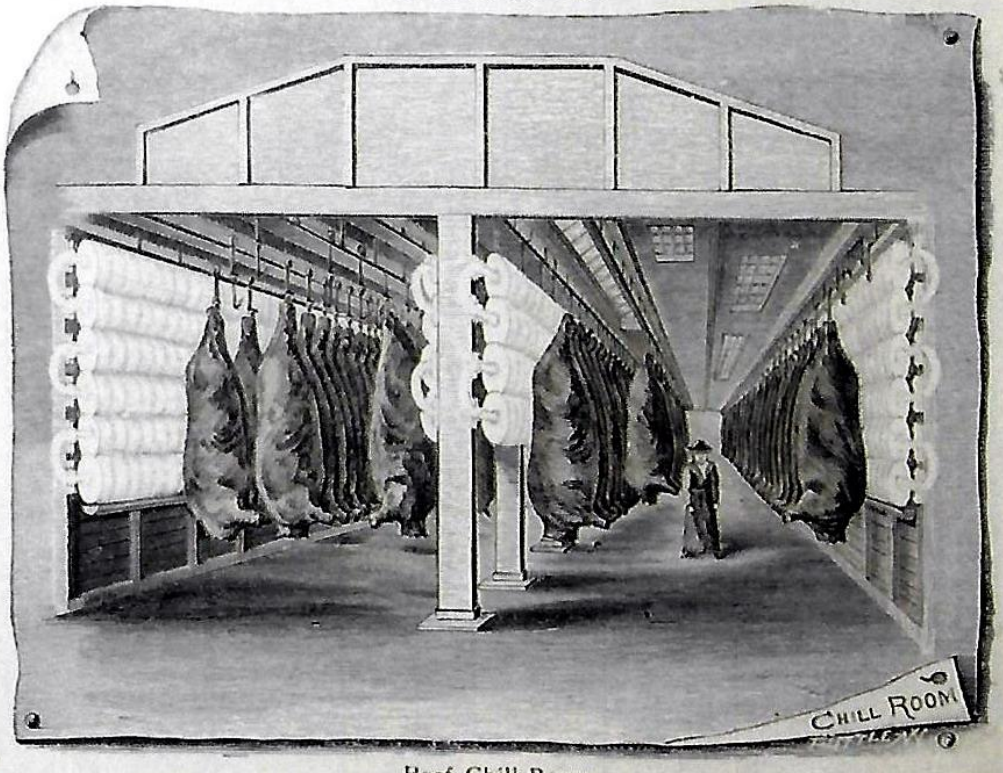
PLATE 4.—The De La Vergne Ice-Making Plant.

Ice-Making Plant with steam-driven compressor and atmospheric condenser (i.e. no fans).

DE LA VERGNE, NEW YORK



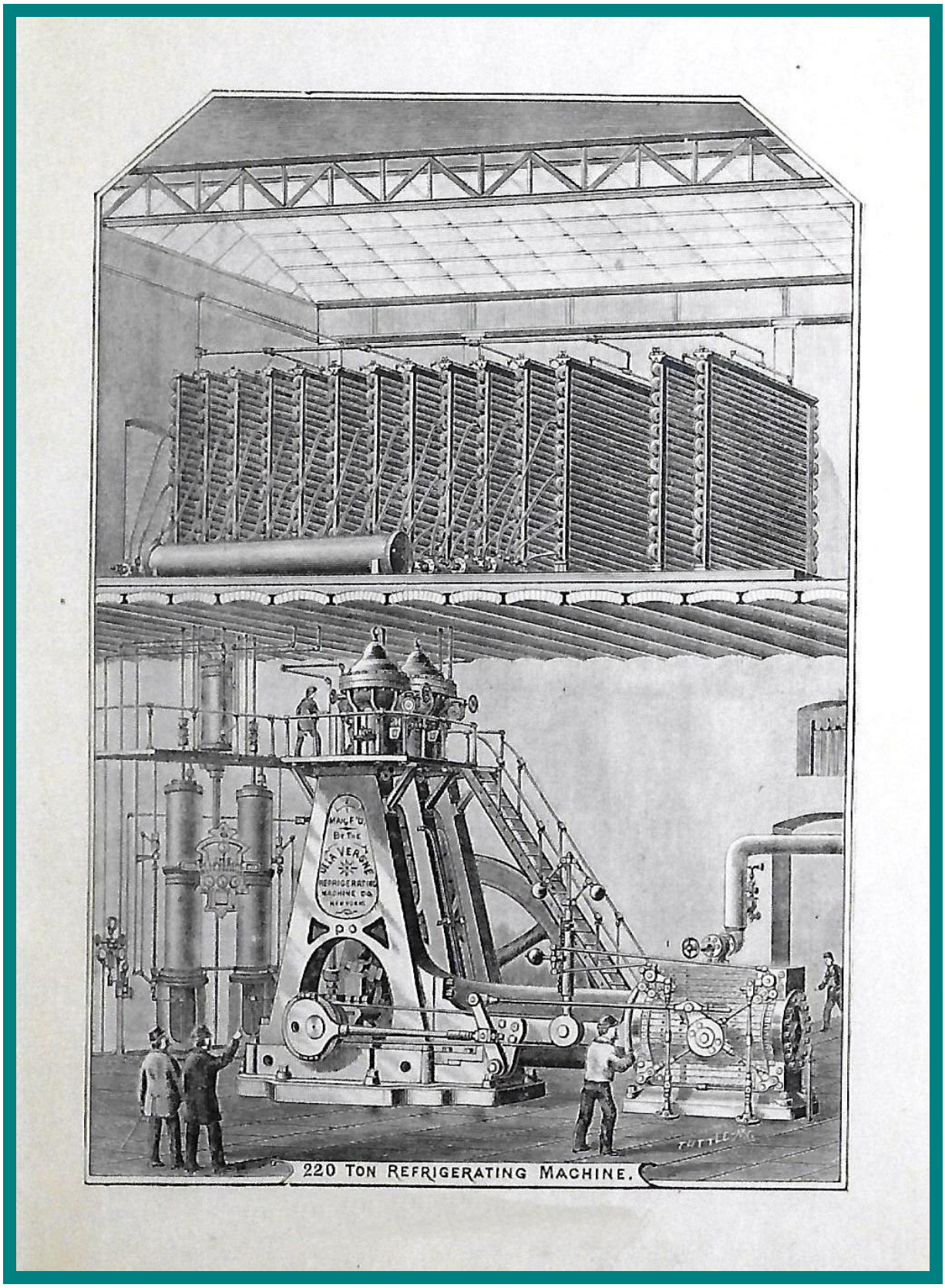
Fermenting-Room.



Beef Chill Room.

Cold Store applications.

DE LA VERGNE, NEW YORK



Refrigerating Plant: Steam-driven compressor (220 TR) and atmospheric condensers.

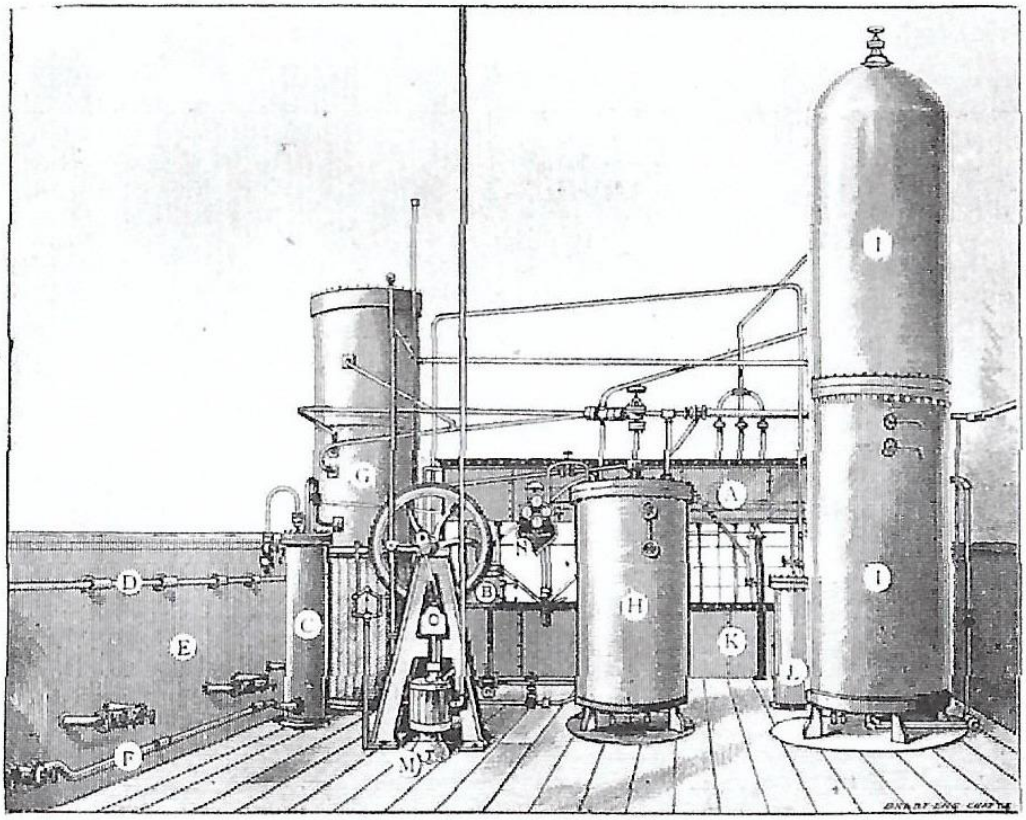
SOUTHERN ICE, CHATTANOOGA

SOUTHERN ICE MACHINE CO.

SOLE OWNERS AND MANUFACTURERS OF

. . . The Latest Improved Absorption . . .

ICE AND REFRIGERATING MACHINE.



∴ THE SOUTHERN ∴

The SOUTHERN ICE AND REFRIGERATING MACHINE is one of the best and has been acknowledged by the most experienced ice manufacturers to work more economical and produce ice cheaper and of a better quality than any other machine on the market to-day

ALL MACHINES NOW IN OPERATION ARE GIVING PERFECT SATISFACTION.

FOR ESTIMATES AND FURTHER PARTICULARS ADDRESS THE . . . .

SOUTHERN ICE MACHINE CO.

CHATTANOOGA, TENN.

Tennessee 1891

PICTET, NEWBURGH, NEW YORK STATE

PICTET

Ice & Refrigerating Machine

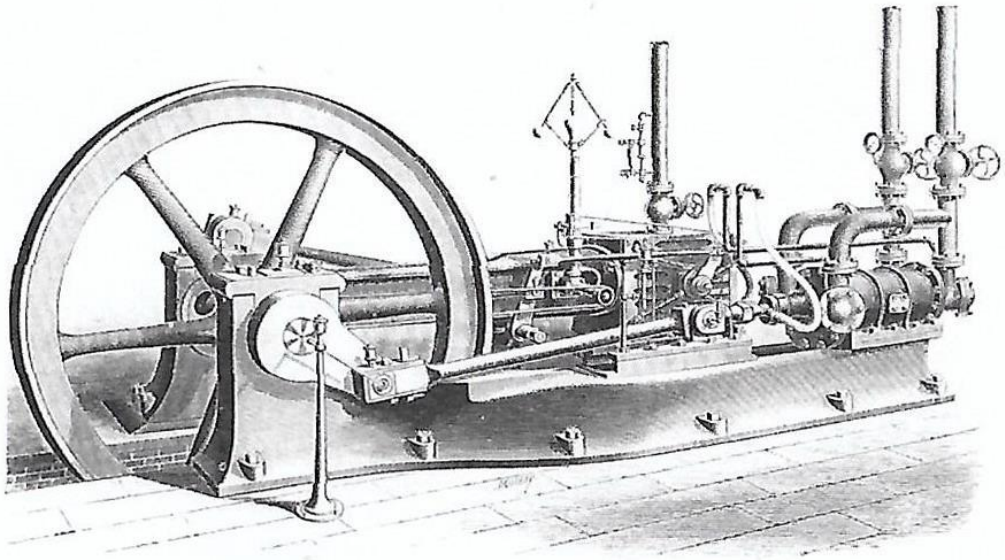
MANUFACTURED BY....

WHITEHILL ENGINE & PICTET ICE MACHINE CO.

WE DO NOT USE AMMONIA.

Pictet Machines use **Anhydrous Sulphurous Oxide**, a chemical noted for its low working pressure, is of itself a lubricant, and does not injure any of the metals. Its low pressure is a guarantee against explosion

NEW YORK BOARD OF FIRE UNDERWRITERS,
BUREAU OF SURVEYS
JAMES HARRISON, Supt.
Borrel Building, 15 Broadway, Room 37.
NEW YORK, January 21, 1891.
THE PICTET ARTIFICIAL ICE CO. (Limited), New York.
Dear Sirs: Your favor of the 20th inst. is at hand. In reply, the examination of our expert and his subsequent report were concerning that the article known as Anhydrous Sulphurous Oxide is a safe article for storage or shipment, its tendency being to extinguish rather than to cause fire. Yours truly, JAMES HARRISON, Supt.



Working Pressure from 50 to 75 lbs.

We guarantee GREATER ECONOMY OF FUEL, doing the same amount of work with less coal than any machine in the market.

FOR LIST OF REFERENCES AND FURTHER PARTICULARS, ADDRESS

WHITEHILL ENGINE & PICTET ICE MACHINE CO.

WORKS: NEWBURGH, N. Y.

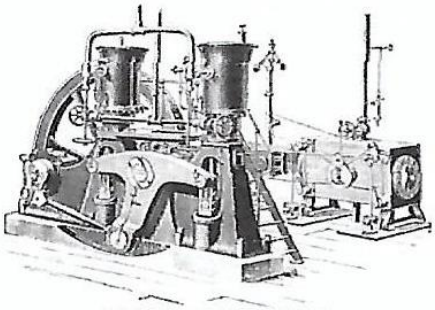
New York Office, 21 Cortlandt St., Room 6.

Compressor using (unusually) Sulphur Dioxide refrigerant 1891.

HERCULES IRON, CHICAGO

THE HERCULES ICE MAKING AND REFRIGERATING MACHINE

(REFRIGERANT: ANHYDROUS AMMONIA.)



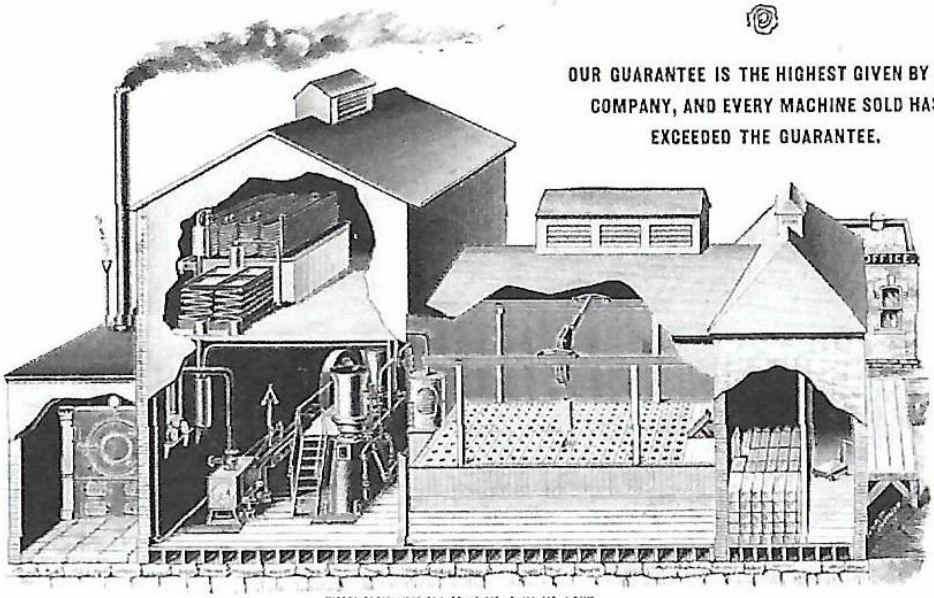
THE HERCULES ICE MACHINE.

FOR BREWERIES, PACKING HOUSES, COLD STORAGE AND ICE MAKING.

HERCULES WORKS, AURORA, ILL.

The Hercules Ice Machine is the most compact, most economical, most easily handled, well constructed, and thoroughly satisfactory machine in the market.

OUR GUARANTEE IS THE HIGHEST GIVEN BY ANY COMPANY, AND EVERY MACHINE SOLD HAS EXCEEDED THE GUARANTEE.



THE HERCULES MODEL ICE PLANT.

A. NUNNING BREWING CO.

ST. JOSEPH, MO.

HERCULES IRON WORKS, October 13, 1891.
CHICAGO, ILL.

In reply to your inquiry relating to the 40-ton Refrigerator placed by you in our brewery, I am pleased to say the machine has more than met our expectations, and your guarantee fully demonstrating its worth and reliability. It has the past year run continuously night and day, and has not occasioned any stop for repairs of any kind, and we are greatly pleased to add our name to the long list of testimonials which the Hercules bears. Yours respectfully,

AUG. NUNNING, President.

MEADERS & OSGOOD,

NASHVILLE, TENN.

HERCULES IRON WORKS, July 29, 1891.
CHICAGO, ILL.

Our 25-ton Ice Machine purchased of you, after one month continuous operation has given such complete satisfaction that we do not wish a test of its abilities to perform the work guaranteed. It is now making with ease twenty-five tons daily of the finest ice we have ever seen, besides refrigerating our storage ice house. Congratulating you upon its good work, and wishing you the success you deserve, we are, Sirs, Yours respectfully,

MEADERS & OSGOOD.

THE HERCULES BLUE BOOK No. 1, FULL OF HELPFUL AND INTERESTING INFORMATION, IS NOW IN PRESS, AND WILL BE SENT FREE TO INTENDING PURCHASERS.

NEW YORK OFFICE, 150 BROADWAY.

THE HERCULES IRON WORKS,

WORKS, AURORA, ILL.

Room 502 Owings Building, Dearborn and Adams Sts., CHICAGO.

Ammonia machines 1891.

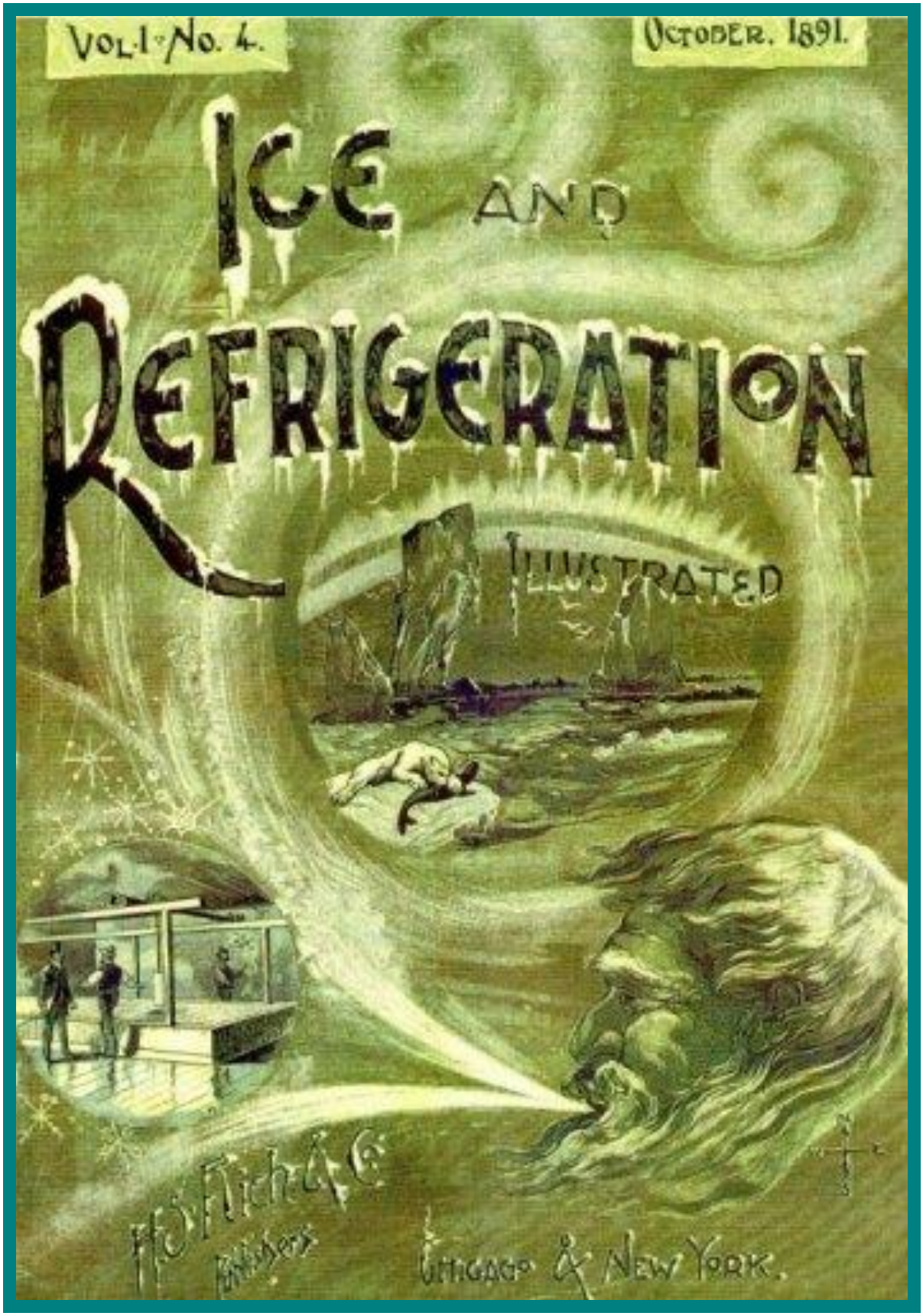
CLARE BROS. ONTARIO

Warm air heating furnaces 1891.

DOMESTIC ENGINEERING, CHICAGO

Trade magazine 1897.

ICE AND REFRIGERATION, CHICAGO



Trade Magazine 1891.

LUX COMPANY, RIGA, LATVIA

Kerosene burning street lamps Tauride Palace, St Petersburg late 1890s.
(*Quest for Comfort*, CIBSE Centenary 1997)

HARTLEY & SUGDEN, HALIFAX

1872 Gold Medal wrought welded saddle boiler.
(*Quest for Comfort*, CIBSE Centenary 1997)

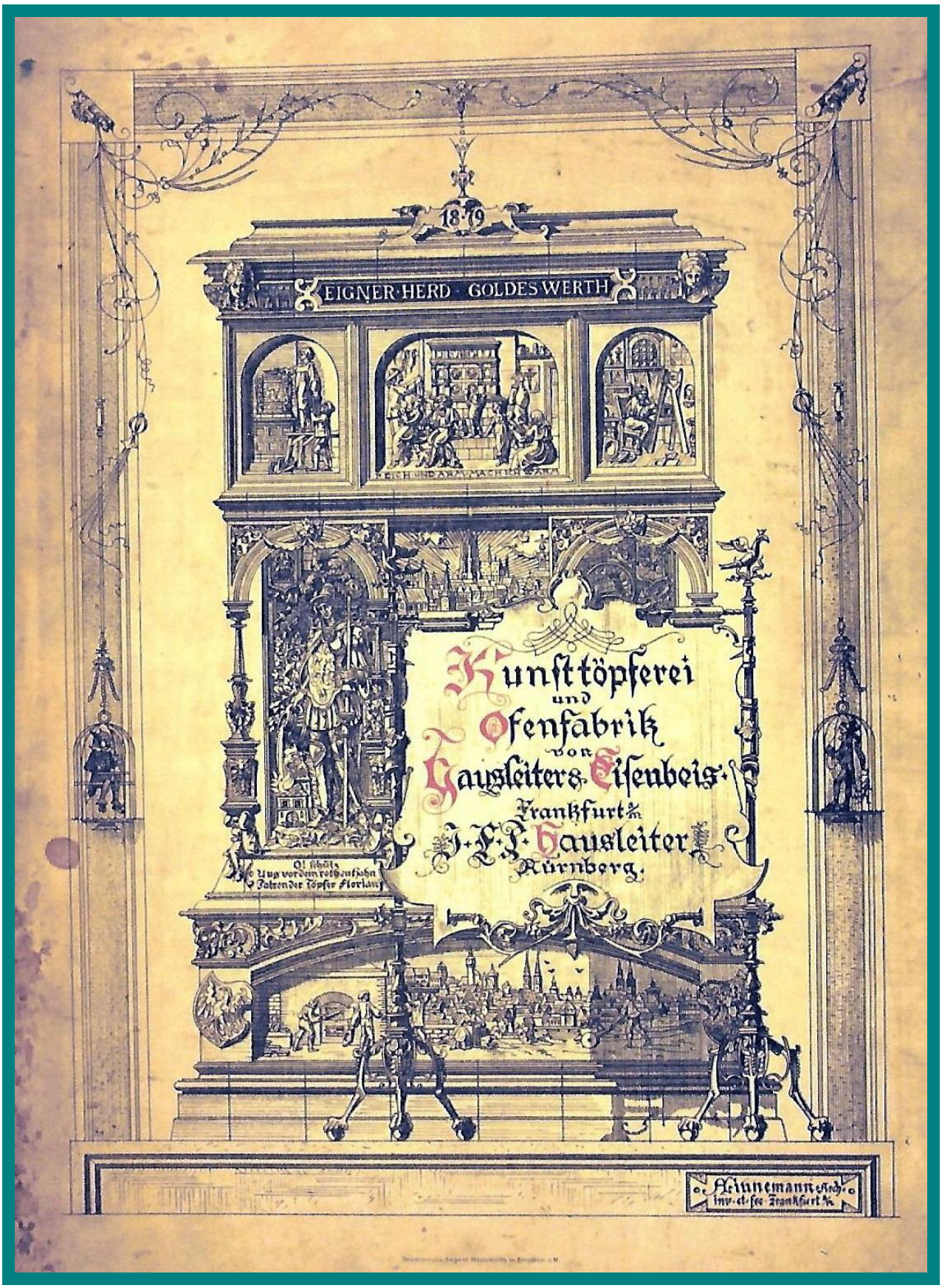
BEC AUER POSTER, BRUSSELS

One of a series of artistic lighting lithographs 1896.

BEC AUER POSTER, ROME

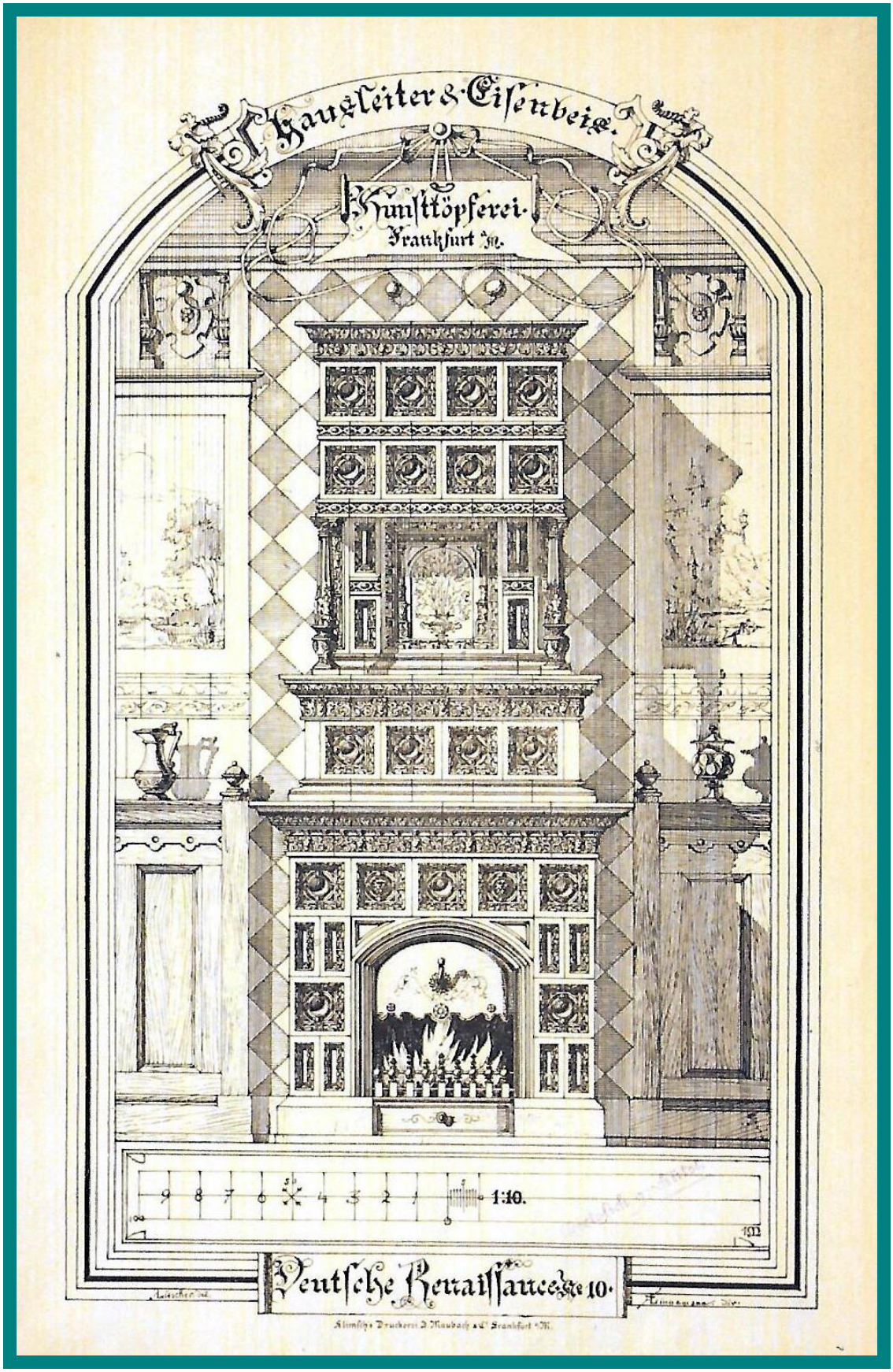
Another from of a series of artistic lighting lithographs 1896.

HAUSLEITER & EISENBIER, FRANKFURT

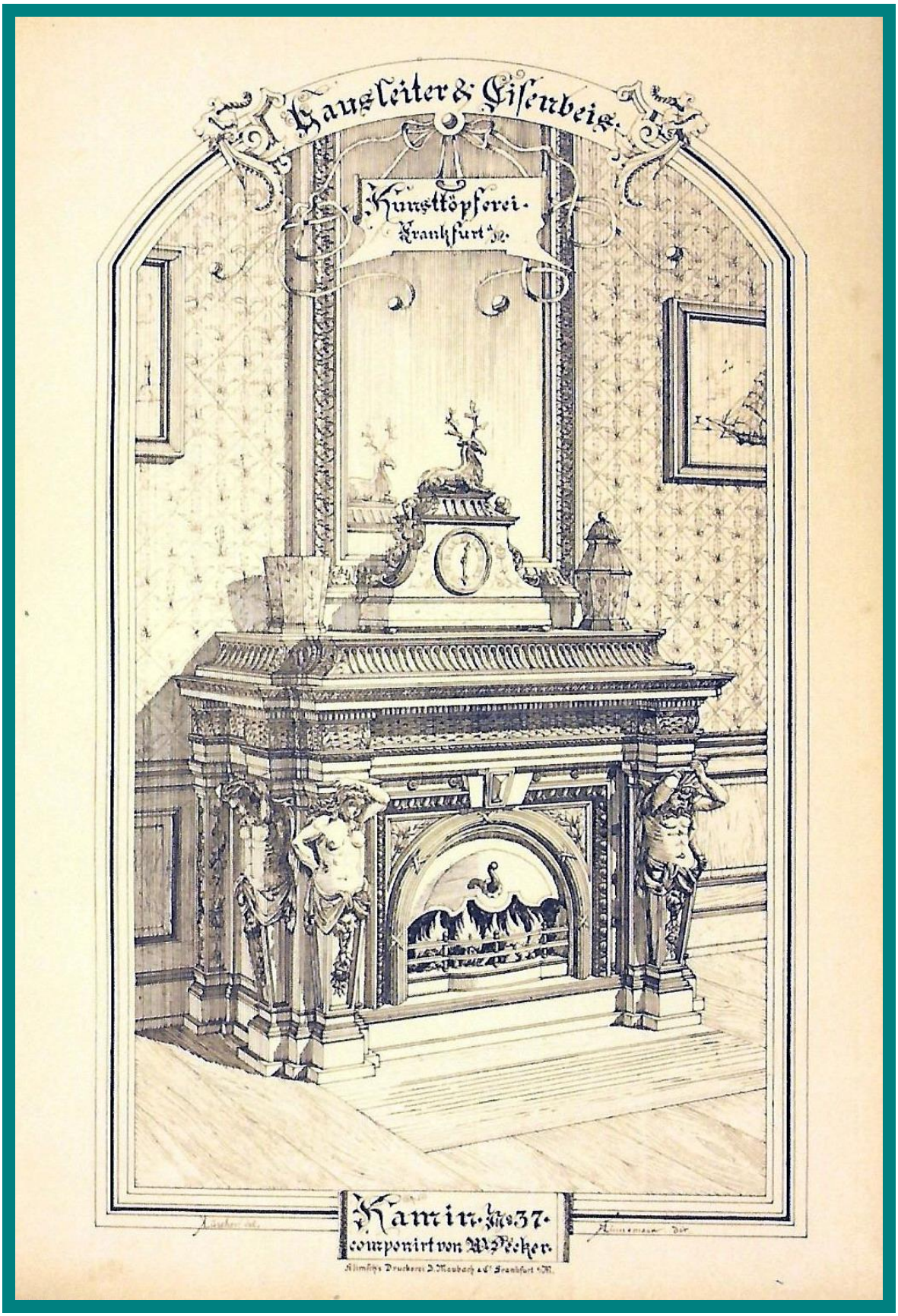


Large ornamental masonry-tiled heating stoves 1900.

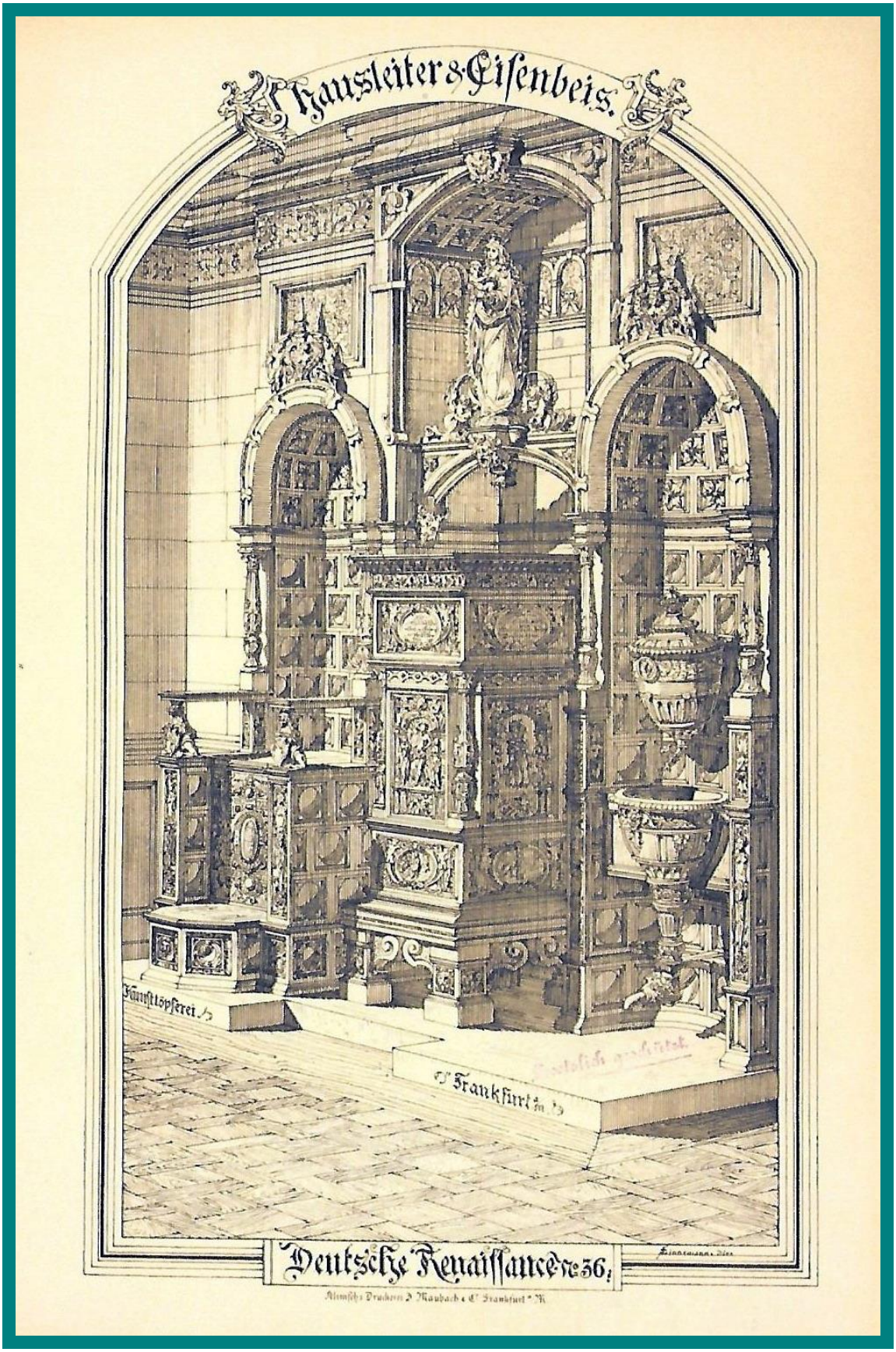
HAUSLEITER & EISENBIER, FRANKFURT



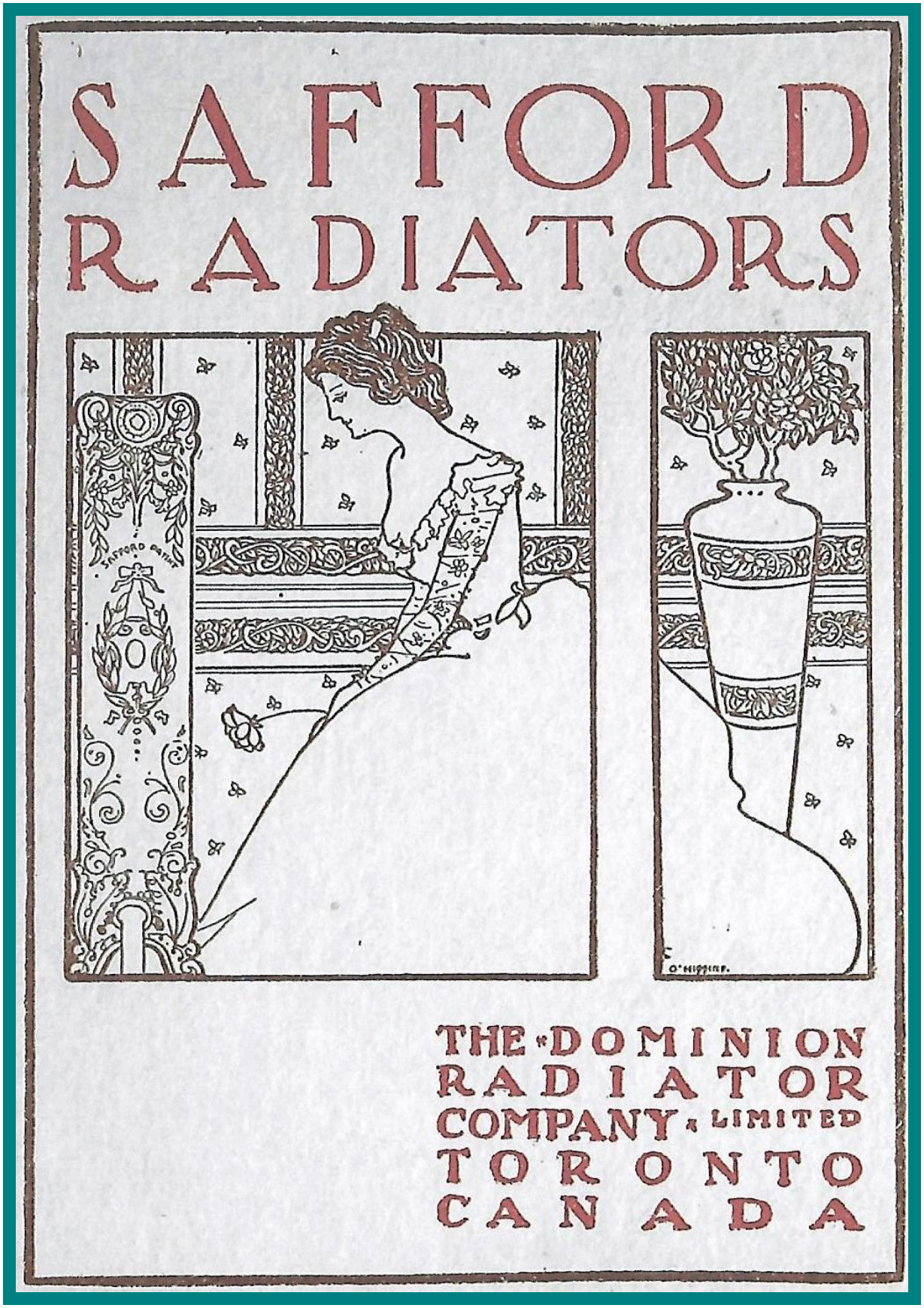
HAUSLEITER & EISENBIER, FRANKFURT



HAUSLEITER & EISENBIER, FRANKFURT

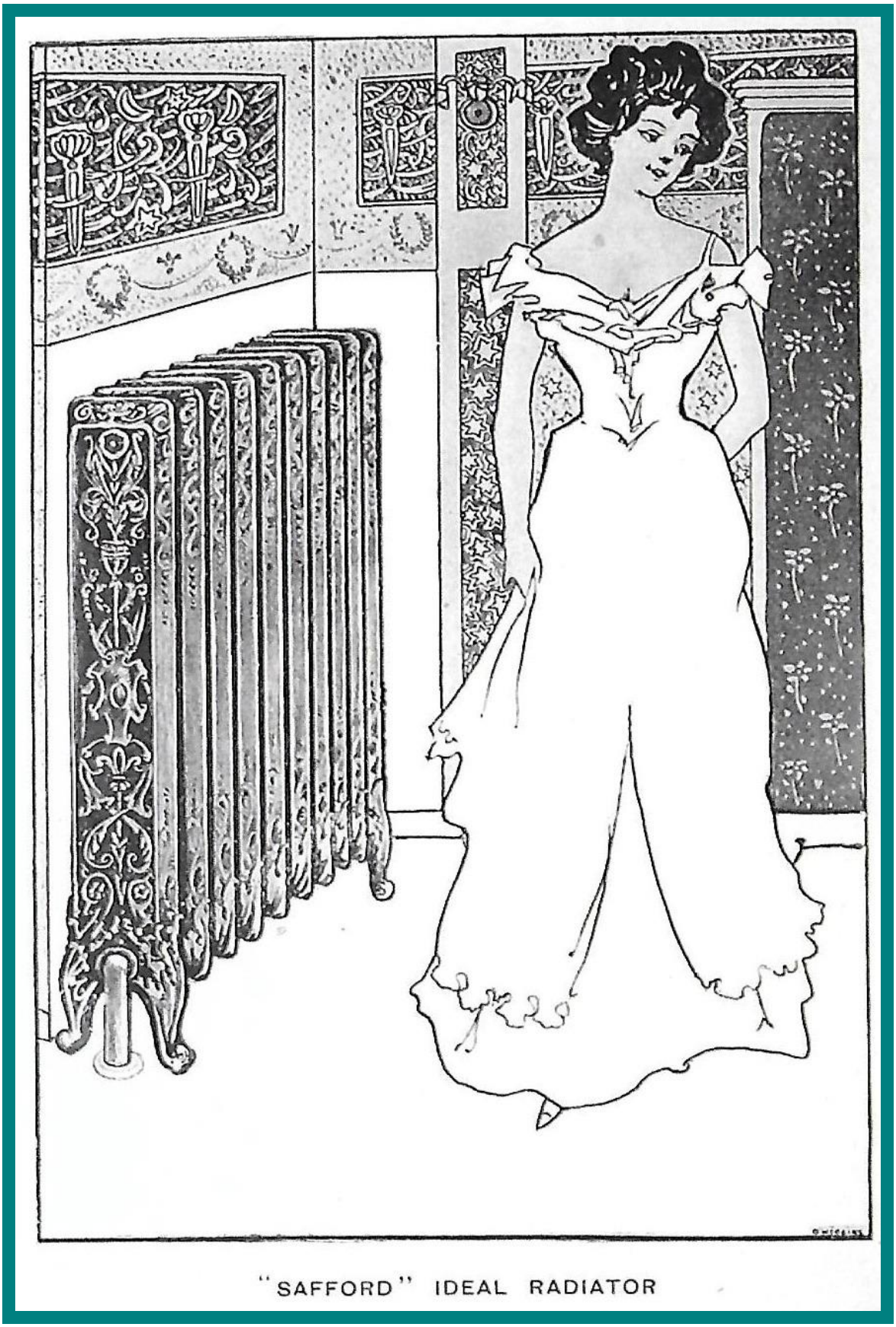


DOMINION RADIATOR, TORONTO



1905

DOMINION RADIATOR, TORONTO

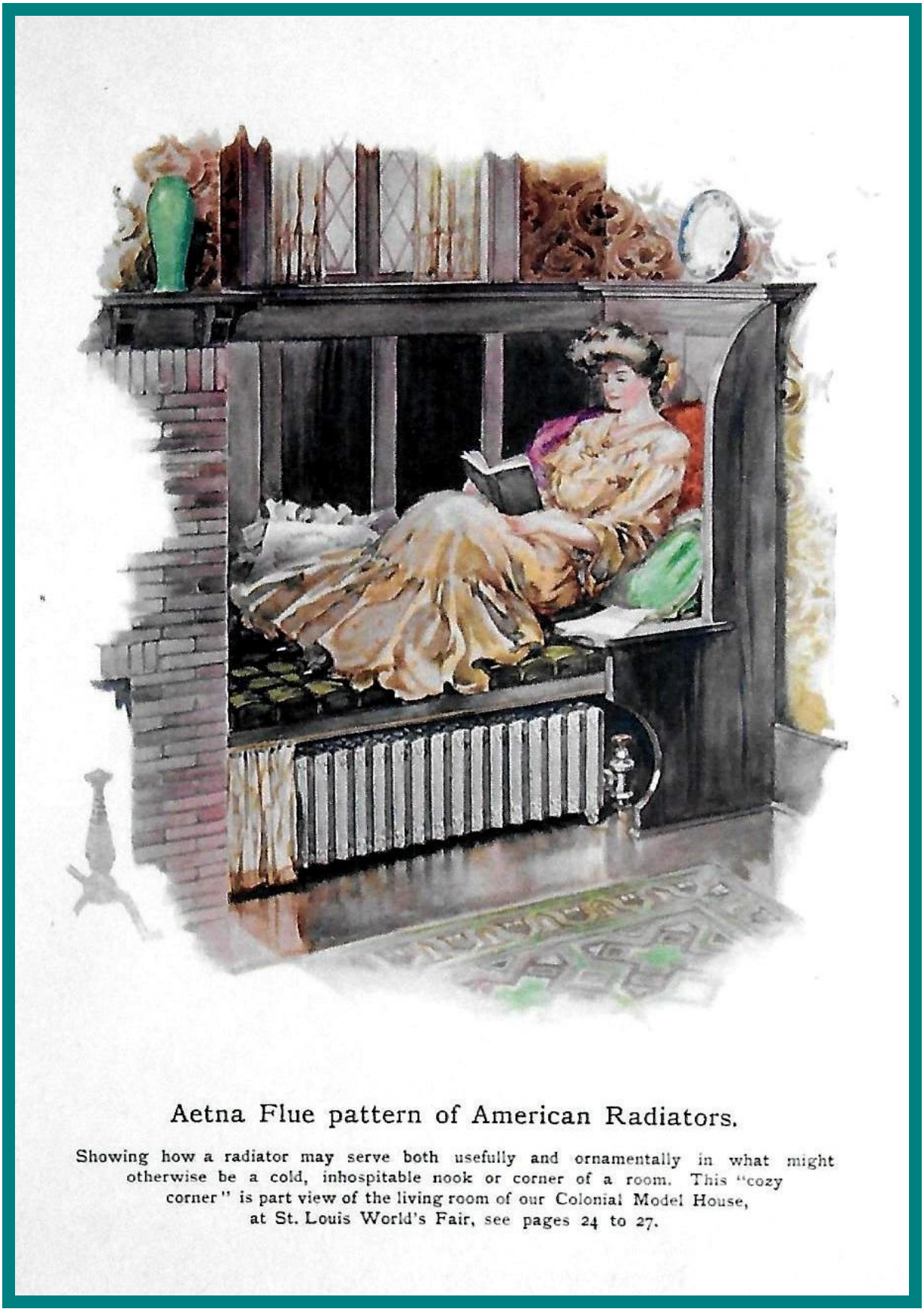


"SAFFORD" IDEAL RADIATOR

AMERICAN RADIATOR, NEW YORK

1905

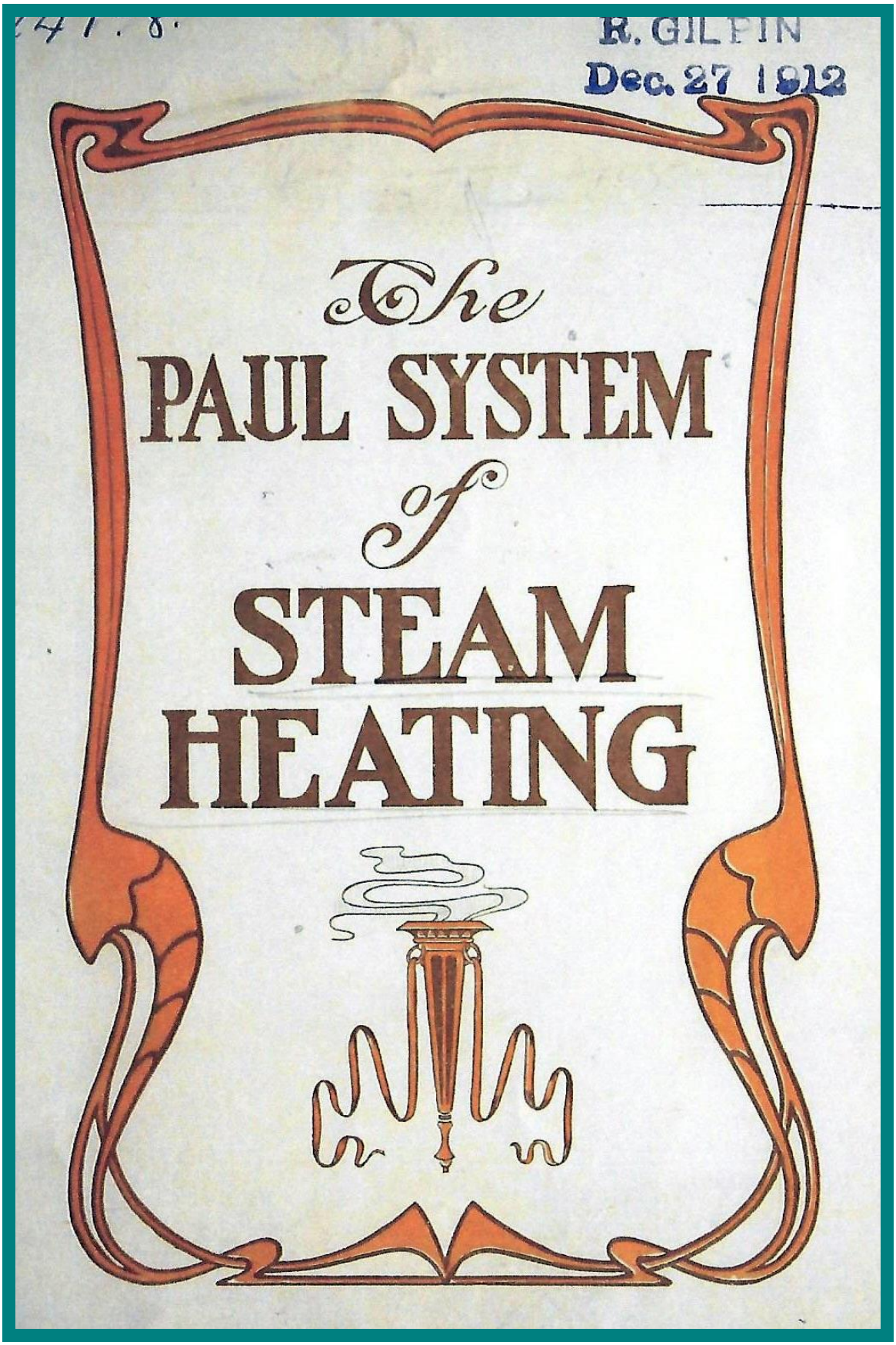
AMERICAN RADIATOR, NEW YORK



Aetna Flue pattern of American Radiators.

Showing how a radiator may serve both usefully and ornamentally in what might otherwise be a cold, inhospitable nook or corner of a room. This "cozy corner" is part view of the living room of our Colonial Model House, at St. Louis World's Fair, see pages 24 to 27.

PAUL SYSTEM, NEW YORK

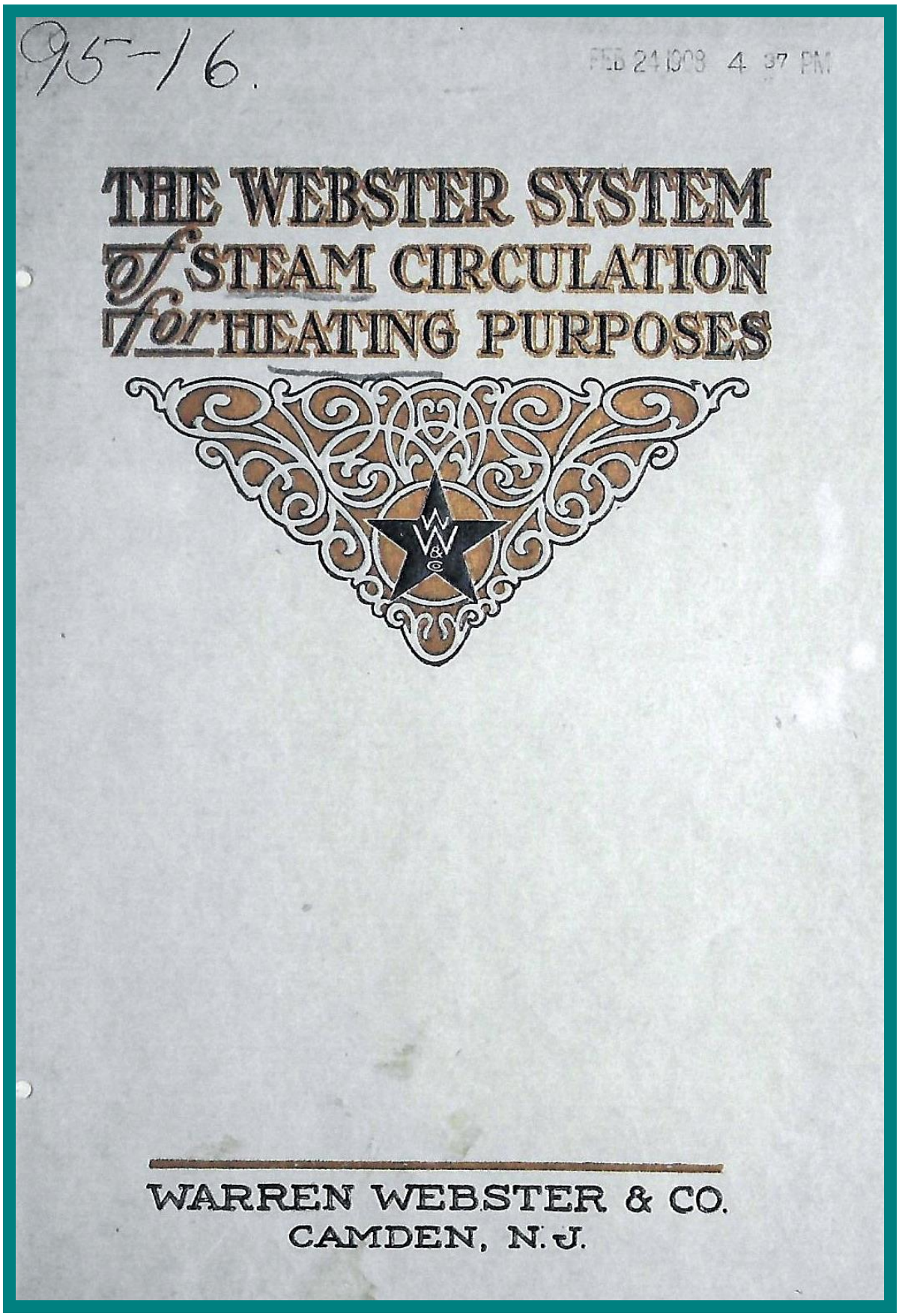


1905

CENTRAL RADIATOR, PENNSYLVANIA

1906

WARREN WEBSTER, NEW JERSEY



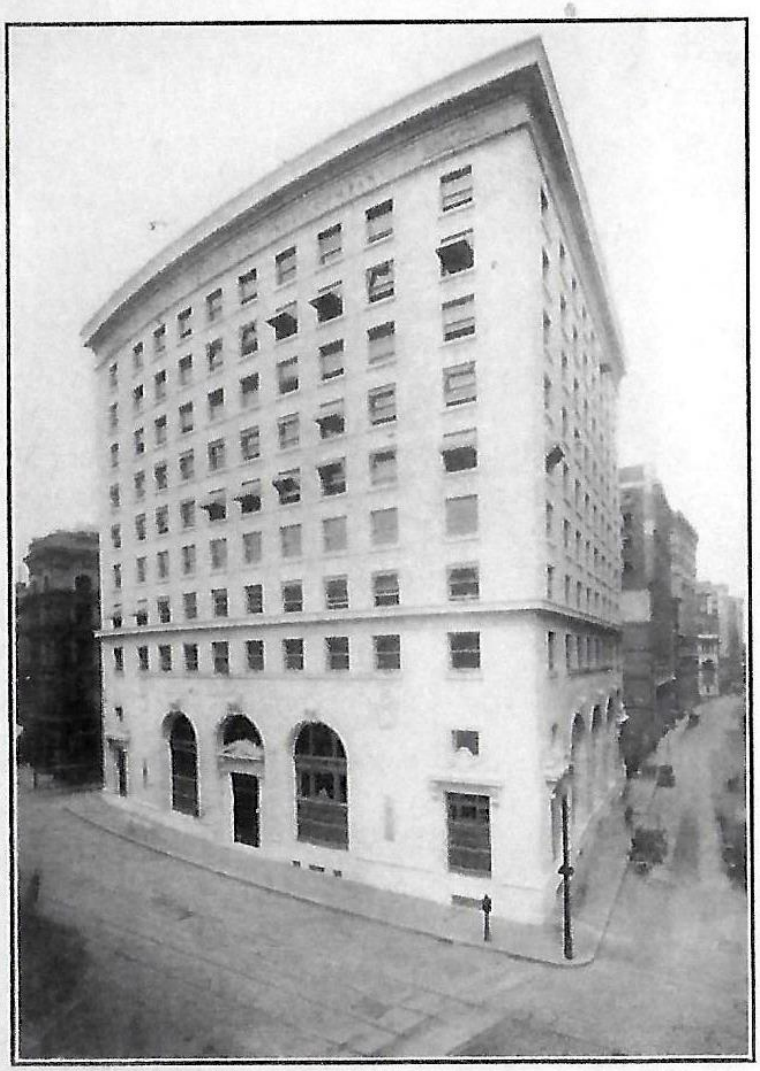
1907

WARREN WEBSTER, NEW JERSEY

458.-8.

WEBSTER MODULATION STEAM HEATING

AND AIR WASHING SYSTEMS IN THE BOSTON SAFE DEPOSIT AND TRUST CO. BUILDING

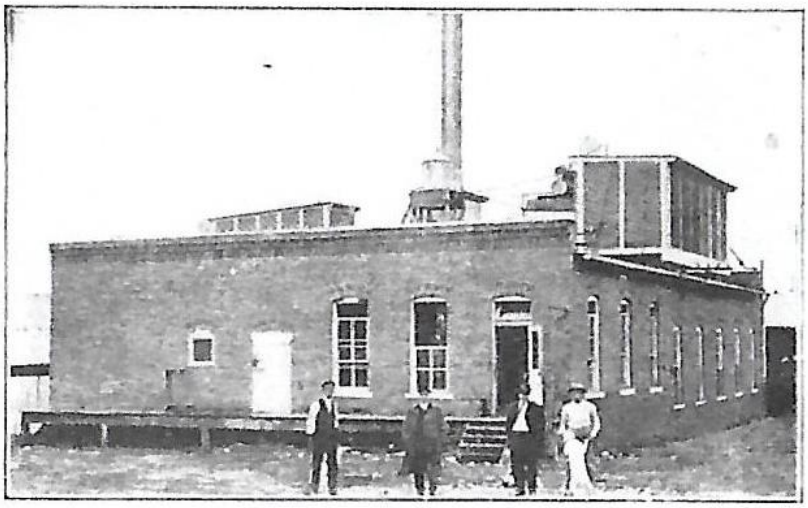


WARREN WEBSTER & CO.

CAMDEN, NEW JERSEY

HENRY VOGT, KENTUCKY

MONEY MAKING MACHINERY

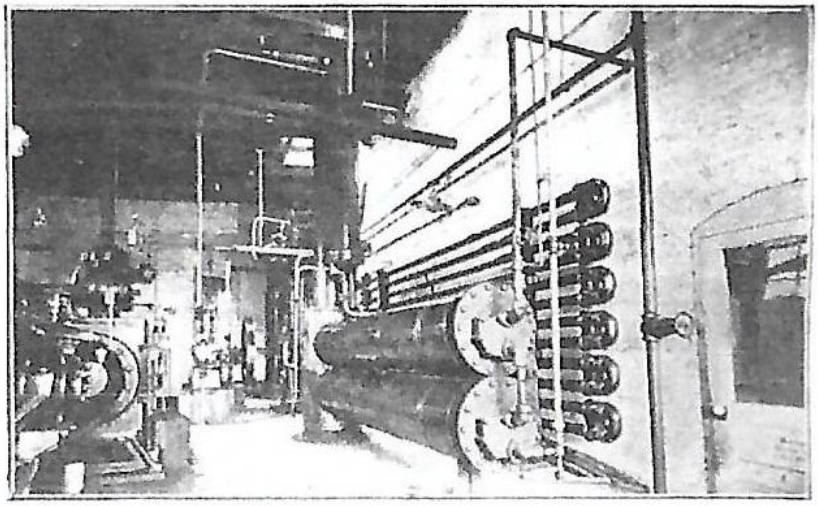


Plant of Lewisburg Light & Power Co., Lewisburg, Tenn.

Combine with your Electric Machinery a Vogt Absorption Ice Making Machine and Use your Exhaust Steam.

This is one of a Lot of Combined Plants.

Every One Making Money since adding Absorption Machine.



The Vogt Machine takes Little Room.

Our Latest: Horizontal Tubular Brine Coolers and Condensers

HENRY VOGT MACHINE CO.

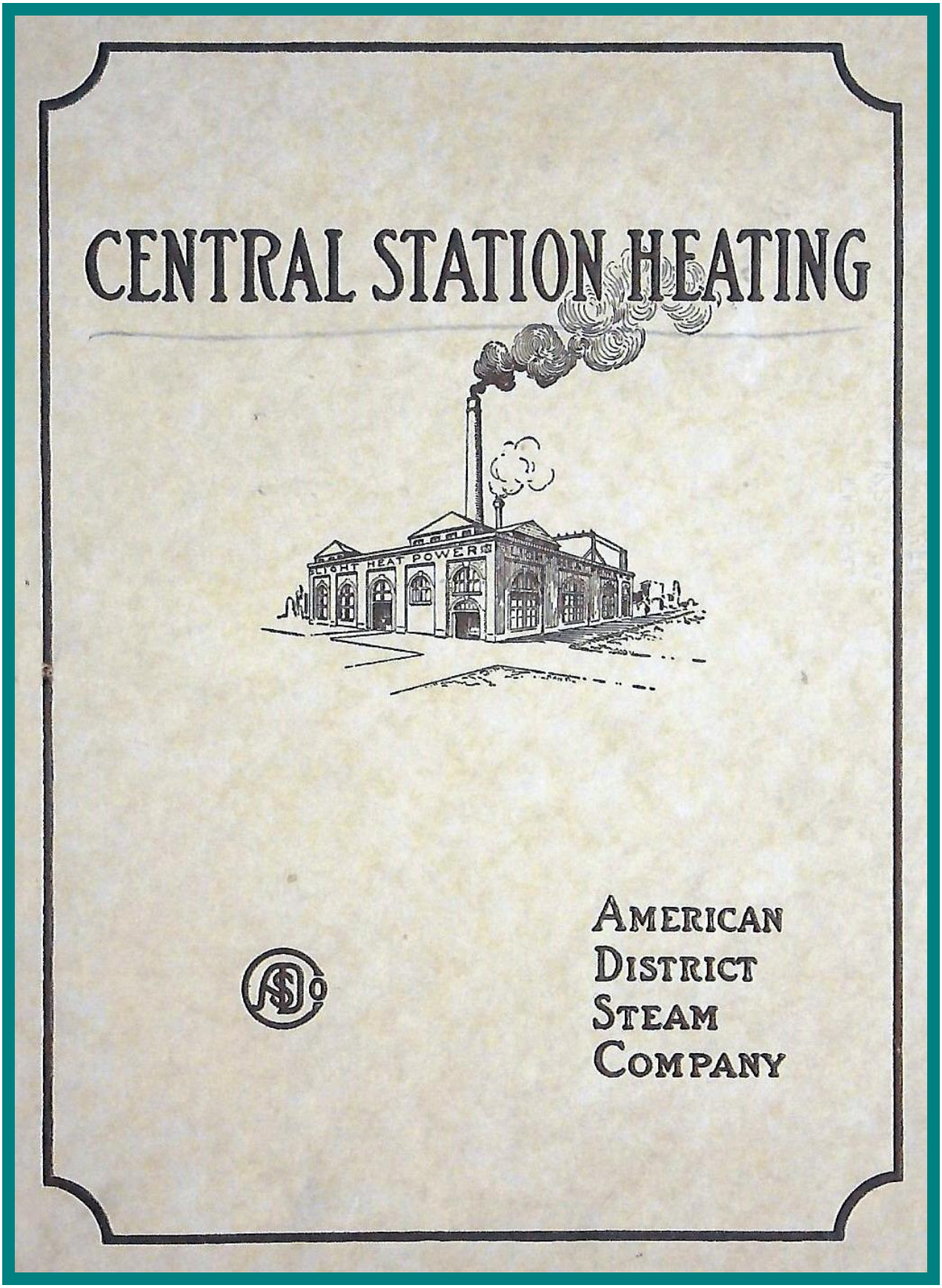
(INCORPORATED)

Louisville, Ky., U. S. A.

Vogt Water Tube Boilers will make an Ideal Plant.

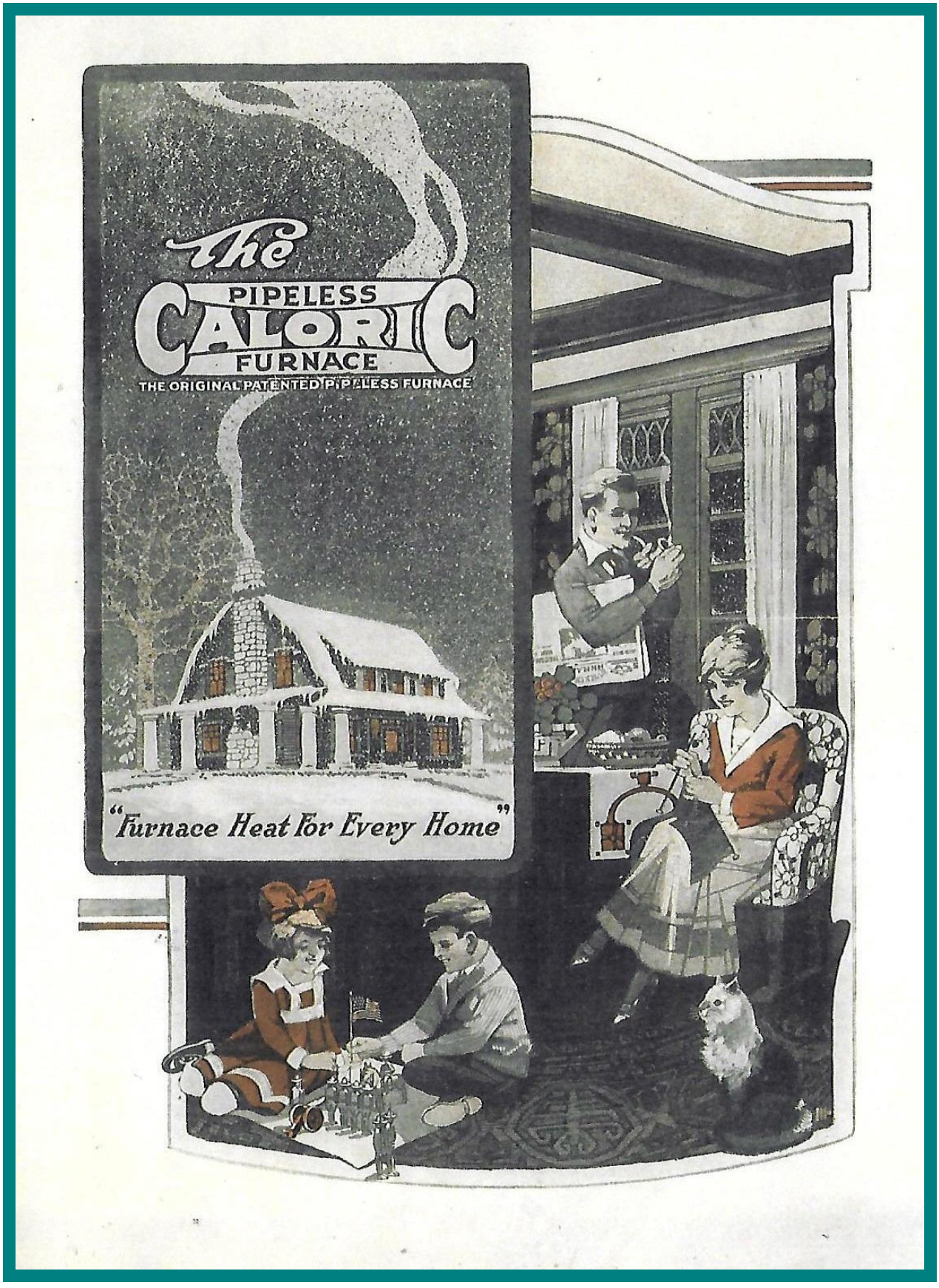
Write for Catalogues

AMERICAN DISTRICT STEAM, LOCKPORT



1911

MONITOR STOVE, CINCINNATI

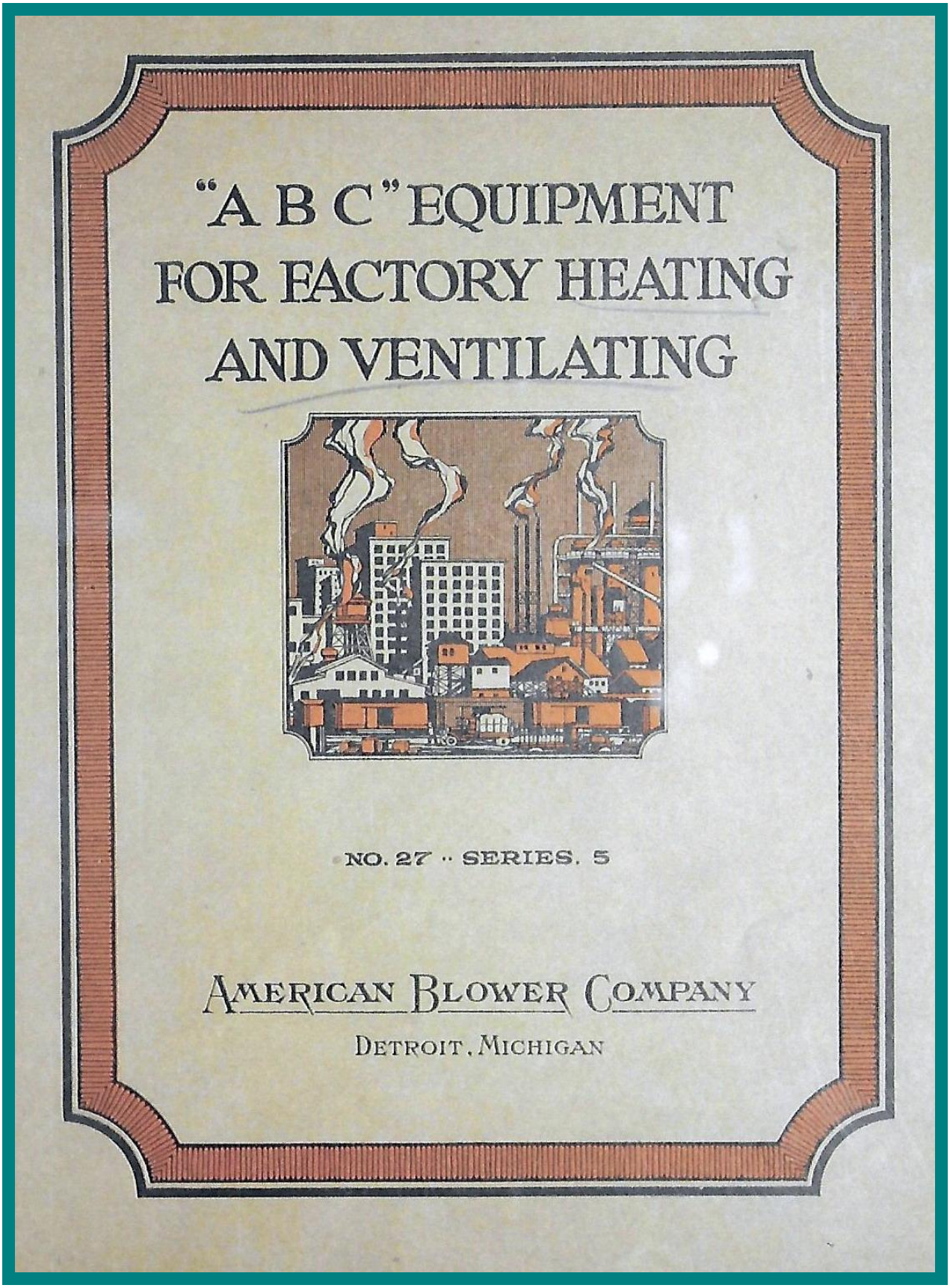


1918

AMERICAN RADIATOR, NEW YORK

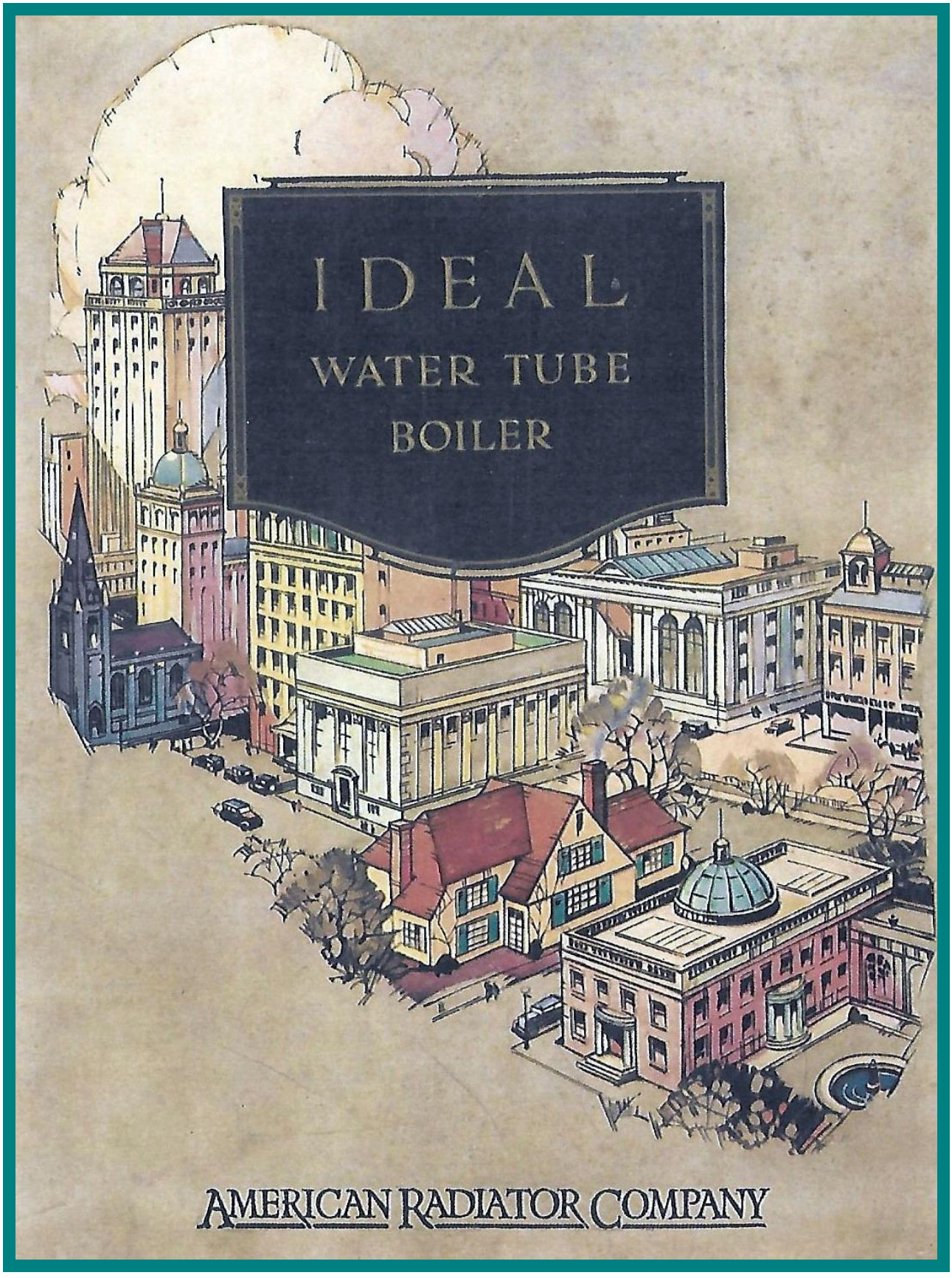
1920

AMERICAN BLOWER, DETROIT



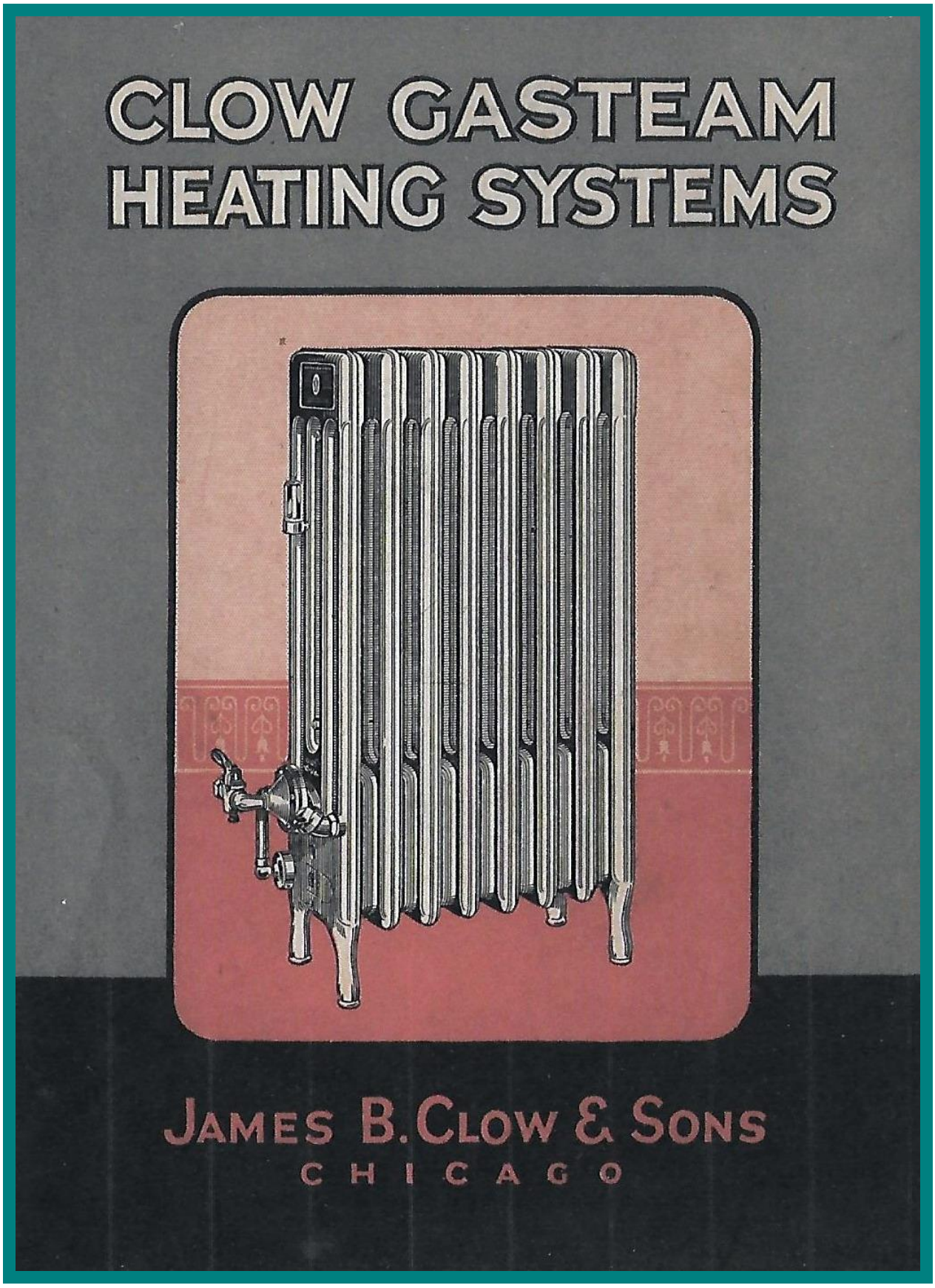
1920

AMERICAN RADIATOR, NEW YORK



1928

JAMES B. CLOW, CHICAGO



1929