

The Knowledge Bank at The Ohio State University

Ohio State Engineer

Title: Back Matter

Issue Date: Apr-1937

Publisher: Ohio State University, College of Engineering

Citation: Ohio State Engineer, vol. 20, no. 5 (April, 1937).

URI: <http://hdl.handle.net/1811/35400>

Appears in Collections: [Ohio State Engineer: Volume 20, no. 5 \(April, 1937\)](#)

FRANKLIN STOKERS

AUTOMATIC UNDERFEED
SCREW TYPE

OIL BURNING
EQUIPMENT

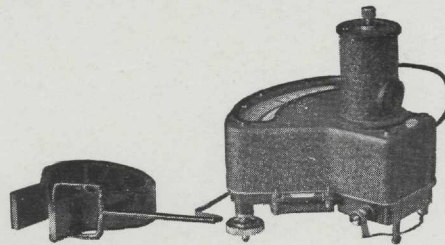
AUTOMOTIVE ACCESSORIES

Manufactured by

COLUMBUS METAL
PRODUCTS, Inc.

COLUMBUS, OHIO

GRASSOT FLUXMETER



An accurate and quick means of determining the field strength of magnets is an important factor in the manufacture and use of many types of electrical apparatus.

With the Grassot Fluxmeter, magnetic flux may be read with the same ease and accuracy with which current and potential are read on ordinary ammeters and voltmeters. This instrument has been found invaluable to many manufacturers throughout the country who are concerned with the performance of magnets.

It is a robust instrument, so can be used by unskilled workmen and at the same time possesses high sensitivity suitable for the laboratory.

OTHER CAMBRIDGE PRODUCTS

Moisture Indicators and Recorders	Physical Testing Instruments
Surface Pyrometers	Laboratory Insts. for A.C. & D.C.
Galvanometers	Engineering Instruments
Gas Analysis Equipment	Physiological Instruments
and other Mechanical and Electrical Instruments	

CAMBRIDGE
INSTRUMENT CO INC

3732 Grand Central Terminal, New York City

University Book Store

East Basement—Derby Hall

Owned and Operated by

THE OHIO STATE UNIVERSITY

For the Benefit of Faculty
and Students



We carry all books and supplies required
in your Engineering classes.

Engineers

Pay Less for Better Work



GUST'S
SHOE REPAIR

2065 NORTH HIGH STREET

G-E Campus News

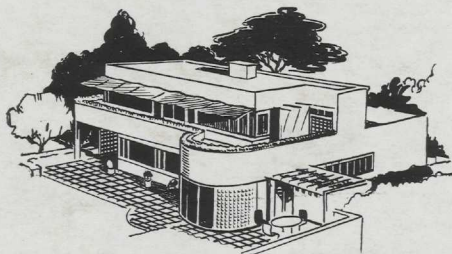


IN EVANSVILLE

Into the flood zone several General Electric engineers—among them Henry Duval of Washington University, Eugene Darlington of Oregon State, and Harold Towson of Clarkson Tech—took two radio-equipped police cars and played an important part in the relief activities along the Ohio Valley. The equipment included a two-way ultra-short-wave police radio set in each car, a 50-watt headquarters transmitter, and a 150-meter transmitter having its own gas-engine-driven electric generator—in reserve in case of power failure.

One of the engineers reported, "We arrived in Evansville and erected our antenna on the 75-foot tower of a bank building. We were on the air continually, rendering service to the flooded area."

In a further effort to aid flood victims, General Electric sent extra men to the G-E Service Shops in the affected area to speed repair work.



IT'S "NEW AMERICAN"

Conceived by General Electric, the "New American" home promises to influence profoundly the trend in American building. The program is sponsored in cooperation with all those professionally interested in building new and better homes.

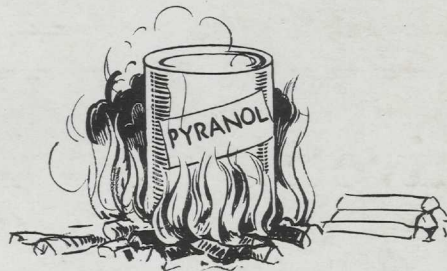
The modern kitchen is one of the results of this work. It has been changed from just a room where a

variety of tasks must be performed to a scientifically planned workshop. It is equipped with electric appliances which do the drudgery of kitchen work silently and easily. The electric range, refrigerator, dishwasher, Disposall unit, and modern lighting are but examples of the improvements which have been made in the home workshop.

The radial wiring system used in the "New American" home was designed for safety and convenience. Plenty of outlets for lights and for appliances are the outstanding features of this system.

The home is thoroughly air conditioned. Conditioned air is not only more comfortable but also more healthful, and the G-E air-conditioning units have been designed to promote such conditions.

With the elimination of wasted space, steps, and time throughout the entire dwelling—with the maximum in health, comfort, and economy—the "New American" home is building a brighter future for the cottage and the mansion.



IT WON'T BURN

Noninflammable and nonexplosive, this new cooling and insulating liquid, Pyranol, was developed by General Electric for use in transformers, capacitors, and cable. Its unusual characteristics have been recognized by the National Electrical Code, making it possible to install transformers indoors and at the load centers, without fireproof vaults. This results in savings in secondary copper and installation costs.

Pyranol is chemically stable and does not sludge, a feature which minimizes maintenance. Experience to date has showed that the materials used in Pyranol transformers have a longer life than under oil. The result—longer transformer life.

Pyranol transformers were first used in 1932, and now more than 700 units, totaling more than 200,000 kva of transformer capacity, have been installed, all giving excellent service.

96-375DH

GENERAL ELECTRIC