

PROFESSIONAL SERVICES

CONSULTING DESIGN EXAMINATIONS PATENTS
CONSTRUCTION PLANS SURVEY • REPORTS TRADE MARKS

BENJAMIN W. BISSELL

Registered Consulting Engineer
Steam, Diesel, Power Plant, Water Supply,
Sewage Disposal, Heating, Air-Condition-
ing, Electrical Distribution Systems, De-
sign and Construction supervision.
816 E. of P. Building, Indianapolis 4, Indiana

LUKE L. NAKASHIAN

Engineer
PROCESS STEAM PLANTS
POWER PLANTS
OIL REFINERY EQUIPMENT
404 Park Square Building, Boston 10, Mass.

BROWN ENGINEERING CO.

CONSULTING ENGINEERS
Power Plants, Substations, Transmission,
Water Supply, Sewage Disposal, Barge
E. P. Building, Des Moines 9, Iowa

PIONEER SERVICE & ENGINEERING CO.

Consulting and Design
Engineers, Purchasing...
Specialists in Financing,
Accounting and Other Operations
221 So. La Salle St., Chicago 4

BURNS & McDONNELL ENGINEERING COMPANY

Consulting Engineers
Power Plants, Steam, Diesel, Hydro
Electric Systems, Rate Reports, Valuations
Water and Sewer Systems and Treatment
Des Moines City & Missouri

PLANT DESIGN CORPORATION

Steam, Hydro, & Diesel
Electric Power Plants;
Industrial & Processing Plants;
Design & Supervision of Operation.
111 Liberty St., New York 4, N. Y.

ELECTRIC CONSTRUCTION COMPANY INC.

Engineers—Constructors
Design—Erection—Maintenance
Power Plant, Sub Station
Transmission and Distribution Lines
Modern Refractories
Philadelphia, Pa.

REYNOLDS, SMITH AND HILLS ENGINEERING CONSULTANTS

Specialists in Design and Construction of
Industrial and Central Station Plants
Reports, Analyses and Surveys
227 Park Street, Jacksonville, Fla.

GILBERT ASSOCIATES, INC.

ENGINEERS AND CONSULTANTS
Industrial and Marine Power Plant Design and
Construction, Rehabilitation and Maintenance
Design—Erection—Operation
New York, N. Y. — 81 Broadway
Philadelphia, Pa. — 111 and 12th Sts.
Washington, D. C. — 1117 K St., N.W.
Savannah, Ga. — 118 Washington St.

SANDERSON & PORTER

Engineers and Constructors
New York San Francisco Chicago Los Angeles

PROFESSIONAL SERVICES

JOHN A. STEVENS, INC.
Established 1899
CONSULTING ENGINEERS
Power Plants Type Engines Paper Mills Surveys
Lowell, Massachusetts

KEGARISE-CRONK ENGINEERING CORP.

Engineers—Consultants
Power Plants—Industrial Plants
Steam and Electric Distribution Systems
Steam and Electric Utility Plants
Design—Reports—Plans
101 E. Main St., P.O. Box 222, Jackson City, Tenn.

SARGENT & LUNDY

ENGINEERS
140 South Dearborn St., Chicago, Illinois

THE KULJIAN CORPORATION

Engineers—Constructors
Power Plants and Industrial Projects
1208 N. Broad St., Philadelphia 21, Pa.
New York 4 Washington 4

J. E. SIRRINE COMPANY

Engineers
Power Plants Consultants
Design Steam Utilization Reports
Water Greenville South Carolina
Greenville South Carolina

SYSKA & HENNESSY

Engineers
Consulting Power Plants
Water Systems Design
111 East 25th Street
New York, New York

T. MASENG & ASSOCIATES, INC.

Engineers
Electrical, Structural, Mechanical
Design Reports Rates
7 So. Dearborn Chicago 4, Ill.

STANLEY ENGINEERING COMPANY

CONSULTING ENGINEERS
Power Plants
Design—Construction—Test—Valuation
Harley Building, Muncie, Ind.

THE J. G. WHITE ENGINEERING CORPORATION

Design—Construction—Reports—Appraisals
88 Broad Street, New York 4

CHIMNEY
Industrial Waste
Burners
AMERICAN
CHIMNEY CORP.
141 Fourth Ave.
New York City
BRANCHES: CINCINNATI
PHILADELPHIA • PITTSBURGH
BIRMINGHAM • BUFFALO

PROFESSIONAL SERVICES

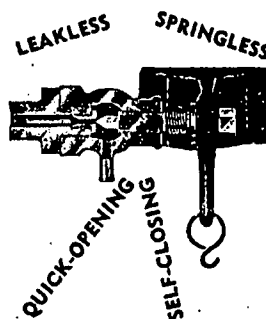
JOHN A. STEVENS, INC.
Established 1899
CONSULTING ENGINEERS
Power Plants Type Engines Paper Mills Surveys
Lowell, Massachusetts

SYSKA & HENNESSY

Engineers
Consulting Power Plants
Water Systems Design
111 East 25th Street
New York, New York

THE J. G. WHITE ENGINEERING CORPORATION

Design—Construction—Reports—Appraisals
88 Broad Street, New York 4



"PBH" GAUGE COCK

Four features of Huyette's improved gauge cocks—leakless—springless—quick opening—self-closing—result from: 1) Renewable monel metal seat and stainless steel pencil easily and quickly renewed if necessity demands, without detaching cock shank from water column. 2) Body and stem made of bronze mixture according to ASME Code; 3) A pull of the chain opens the gauge cock and the weight, by gravity, immediately and automatically closes it; 4) Weight is easily and quickly adjustable—no springs to rust or break. Every Huyette Gauge Cock is rigidly tested and inspected before leaving our factory.

Write today for Bulletin describing the "PBH" improved Gauge Cocks.

"PBH" PRODUCTS
Water gauges, vertical and inclined—Gauge-Glass Protectors—Air-tite Boiler Wall Coating—Water Columns—Bailor Alarms, Instruments and Controls.

The PAUL B. HUYETTE CO., INC.
Established 1896
401 N. BROAD STREET PHILADELPHIA 6, PA.

439 CASTING SALVAGE—Esterlin Welding Alloys Corp., 40 Worth St., New York, N. Y. Compact bulletin presents practical procedures for salvaging cast iron, bronze aluminum and malleable iron castings.

440 COMBUSTION EDUCATION—476 N. Michigan Ave., Chicago 11, Ill. 24-page booklet, entitled "Opportunities for the Combustion Engineer" gives a detailed outline of home study course of instruction in combustion engineering.

441 HYDRAULIC ACCUMULATORS—Greer Hydraulic, 444 18th St., Brooklyn 18, N. Y. 16-page booklet covers development and uses of hydraulic accumulators. Construction details, materials, principles of operation, performance charts and other engineering data are also covered in this booklet.

442 GAGE LABORATORY—Armour Research Foundation, Illinois Institute of Technology, Technology Center, Chicago 18, Ill. 18-page booklet discusses the availability of the Precision Gage Laboratory for industry for calibration of precision measuring standards, instruments and manufactured components.

443 APRONS AND SLEEVES—Industrial Products Co., 311 W. 4th St., Philadelphia 11, Pa. 4-page folder gives weights, sizes and prices of IFCO Nitroflex aprons and sleeves.

444 RESEARCH CENTER—Jeffrey Research Center, 1501 E. 12th St., Columbus 16, Ohio. 14-page brochure, entitled "Quality of Product is Essential to Continuing Success," covers the company's new research center for study of Jeffrey equipment, such as conveying and crushing machinery.

445 SAND FILTER—Hardinge Co., New York, N. Y. 13-page bulletin No. 4 covers the Hardinge automatic backwash rapid sand filter for purifying industrial water supplies, sewage treatment, trade waste recovery, municipal water treatment, etc.

446 RESEARCH LABORATORIES—Cook Research Laboratories, 1005 Diversey Parkway, Chicago 14, Ill. 34-page brochure gives objectives, personnel and facilities of Cook Research Laboratories, a division of Cook Electric Co. These laboratories are available to help government agencies and private industry prepare for widespread distribution of scientifically engineered products.

447 SOLDERING IRONS—Hexacon Electric Co., 161 W. Clay Ave., Roselle Park, N. J., Form No. 145 discusses Hexacon line of soldering irons. Typical applications are given.

448 WHISTLES AND SIGNALS—Levin Co., 50 Delafield Ave., Lordhurst, N. J. 13-page bulletin No. 448, entitled "Engineering, Operating and Maintenance Data on Leslie-Tyson Whistles and Signals," discusses use of these whistles and signals for industrial plants. Intra-plant and department signals are also described.

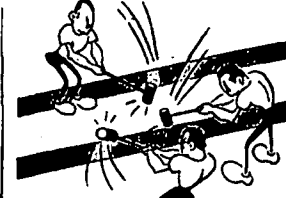
449 MAGNETIC EQUIPMENT—Erie Magnetic Co., 1122 E. 15th St., Erie, Pa. 8-page bulletin No. 401 describes the Erie heavy-duty non-electric permanent magnetic separator for tramp iron removal.

450 METER LAMP—Esterline-Angus Co., Box 898, Indianapolis 4, Ind. 16-page booklet, entitled "Solving Industrial Crimes, Case No. 35," shows types of trouble instruments used by various industries, such as high-speed meters, speed recorders and indicators, recording ohmmeters, time recorders, relays, etc.

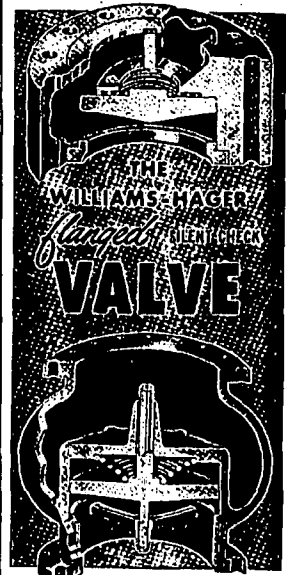
451 CONSTRUCTION MATERIAL—Alexite Engineering Div., Alexander Film Co., Alexander Film Bldg., Colorado Springs, Colo. 8-page folder presents Paraflex, which is said to replace heavy non-insulating sand and gravel from floor to floor in masonry and plaster construction.

452 HOLLOW-CENTER PACKINGS—Hollow Center Packing Co., Cleveland, Ohio. 4-page folder discusses Ovalbolic hollow-center packings.

453 LOW-SPEED DIESEL LUBRICATION—Texas Co., 125 East 42nd St., New York 17, N. Y. May issue of LUBRICATION—Lubrication of the Low-Speed Diesel—traces developments and some of his experiences on this subject.



STOP WATER HAMMER



The Williams-Hager Flanged Silent Check Valve is available for every service... bodies of Iron, Semi-Steel, Cast Steel, Government Bronze, Stainless Steel or Monel Metal... fitted with seats and discs of either Government Bronze, Stainless Steel or Monel. Standard sizes from 1 inch to 20 inches. Write for new technical bulletin.

THE WILLIAMS GAUGE CO.

Pump Valves... Water Gauges... Gauge Cocks... Steam Traps... Pump Governors... Feed Water Regulators... Water Columns
2055 PENNSYLVANIA AVE. - PITTSBURGH (12), PA.