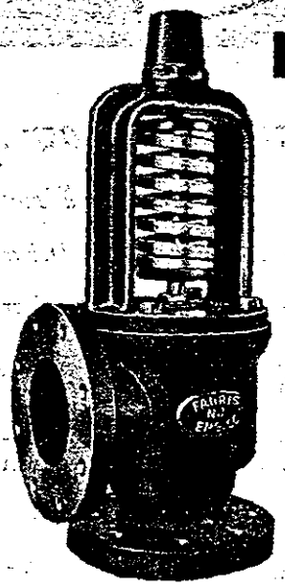
CAMPBELL'S EXHIBIT
G-223

HIGH LIFT

A FEATURE OF *EVERY* FARRIS RELIEF VALVE





Farris Relief Valves are made with open or enclosed springs, and in a variety of models and combinations for all liquids and all pressures. The Farris line also includes Safety Valves, Special Valve Controls, Remote Motion Control Devices, and Strainers.

High lift . . . which means ample capacity for prompt relief . . . is provided by the oversize springs in these high-quality Liquid Relief Valves.

Moreover, the springs in Farris Valves have low fibre stress . . . low pitch . . . are mounted on flexible joints at both upper and lower points . . . are cadmium plated . . . and are carefully calibrated to avoid overstress at any point of valve operation.

These are some of the features that give you dependable operation, long life, and low maintenance expense when you use Farris Relief Valves. Write for bulletin and complete information.

Farris

ENGINEERING COMPANY

366 Commercial Ave. Palisades Park, N. J.

ammonia, gases, water, mild chemica and general services at temperatures no exceeding 550 F. While not intended to replace braided or plaited packings, th plastic packing, installed in pumps, valv and on rotating shafts of steam and chem cal equipment, gives highly satisfacto service. At present, packing is availabl for shipment in coil form in one genera purpose grade. Other grades and styl are in preparation. *Greene, Tweed & C 4377 Bronx Blvd, New York 66, N. Y.*

Lightweight Aprons

LABORATORY AND INDUSTRIAL aprons, ma with cotton fabric and a vinyl resin co ing, are in 35x45 and 29x35 in. siz Vinyl resin coating makes aprons wat proof, acidproof, alkaliproof, oil and gre resistant. *B F Goodrich Co, Akron, Ohio*



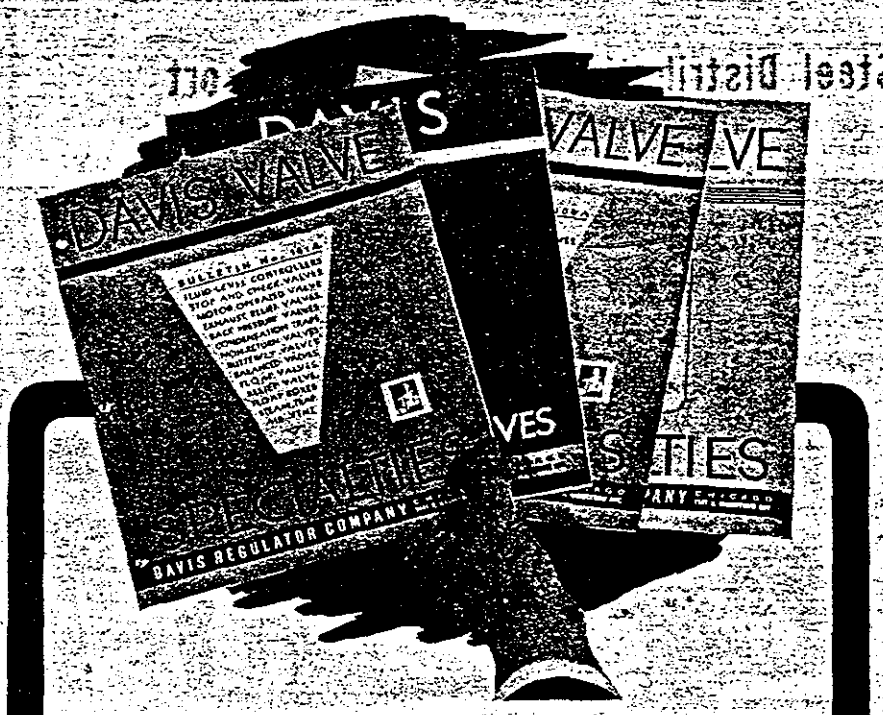
Preset Interval Timer

MODEL No. 2500 may be preset to allo given operation to continue for almost predetermined time limit and to clos open a circuit at end of preset time.

Following are features: (1) Se knob is directly connected to switch erating cam. (2) All energy for oper switch is built up by manually se pointer. (3) Switch is of single double-throw 1000-watt capacity, full closed design. (4) Unit has only tw posed gears. (5) Timer has a self-sta slow-speed completely sealed synchro motor. (6) No energy is required of motor to trip switch at end of time. (7) Model has ten time ra from 0 to 15 sec through 0 to 20 hr All unit parts are rustproofed and prot against corrosion. *Paragon Electric C W Van Buren St, Chicago 5, Ill.*

Rust Solvent

CARBORUSTEX CONSISTS of several cals, each of which has its individu action upon various conditions of surfaces. One of these chemicals in dispersing active ingredients uni over surface. Others attack any gre oil that may be present so that other chemicals can come directly in with the rust. Chemicals are *not* t injurious to skin. Noninflammable applied by brush, spray or dip



HERE'S THE EASIEST WAY TO SELECT AUTOMATIC *Valve Specialities*

Check with Davis!

Davis offers one of the broadest lines of automatic valve specialties in existence today. Because selection of the right valve for the job can be a difficult procedure without proper data available, Davis offers a complete line of catalogs to acquaint you with sizes, material specifications, pressure ranges, physical data, and other pertinent information which will help you in valve selection for power, process, and heating jobs. There is a Davis valve for your particular problem.

FILL OUT AND MAIL THE COUPON NOW

Without obligating me, please MAIL literature describing:

- ☐ Pressure regulators and Pump Governors (including service and capacity charts).
- ☐ Pressure Relief, Back Pressure and Exhaust Relief Valves.
- ☐ Liquid Level Controllers for closed tanks.
- ☐ Lever and Float Operated Valves.
- ☐ Solenoid Valves for Industrial service.
- ☐ Stop and Check, Non-Return and Balanced Check Valves.
- ☐ Strainers.
- ☐ A specific problem is outlined on the attached sheet. We would appreciate your recommendations.

Name .....

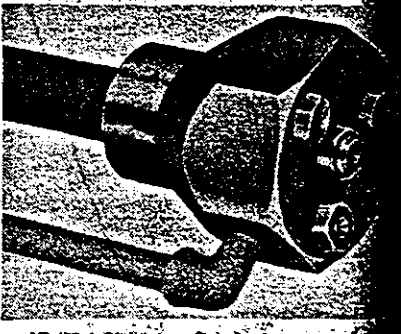
Company .....

Address .....

sulated and whether direction of vi... tion is vertical or horizontal. Tempor... or permanent overload, according to ma... cannot damage mounts. They can... easily and quickly installed without ... cial angles, brackets or radius rods, ... without increasing over-all height of ... chine more than 1¼ to 2 in. *Hamilton ... Mfg Co, Kent, Ohio.*

Electric Controls

ELECTRIC CONTACT CONTROLS; when appl... to circular-chart electronic potentiome... serve as an auxiliary switch for opera... of signal lamps and other devices. ... trollers will be available in two fo... One contains a locking-in relay for ... tric furnace control. It is also for ... plications involving use of contactors ... for processes requiring a differential. ... Second design, without a relay, is for ... *control of motorized valves*, operation ... signalling devices and for applications ... quiring a *dead* neutral. *Brown Instru... Co, 4494 Wayne Ave, Philadelphia, ...*



Mixing Nozzle

EXTERNAL MIXING NOZZLE, in brass, s... less steel and other materials, handles ... ous liquid proportioning and mixi... Nozzle is actually a 4-nozzle assembly ... one nozzle mounted in mixing head c... and three placed on 120-deg centers ... *outer edge. Side line* feeds center n... while other three are from main line. O... nozzles are set on the concave face of ... ing head at an angle *producing thor...* mixing of four streams. Mixing nozzle ... *Fulljet* nozzles in its assembly and ... combinations may be varied to obtain ... desired proportion between two liquids ... ing mixed. Atomization of the liquids ... be coarse or fine. *Spraying System... 4021-S W Lake St, Chicago 24, Ill.*

Plastic Packing

IN PALMETTO PLASTIC PACKING, lubric... effect is made lasting by combi... graphite with flakes of soft, antifri... metal. Palmetto plastic packing is ... to provide exceptionally advanta... *properties.* Asbestos makes a strong, ... resisting bond; binder gives resiliency ... stability under pressure; graphite ... metallic *flakes minimize frictional* ... There is no liquid lubricant to be squ... or driven out under heat, or pressure ... packing does not dry out or harden in ... In service, it forms a plastic metallic ... ing around rod or shaft. Packing ...