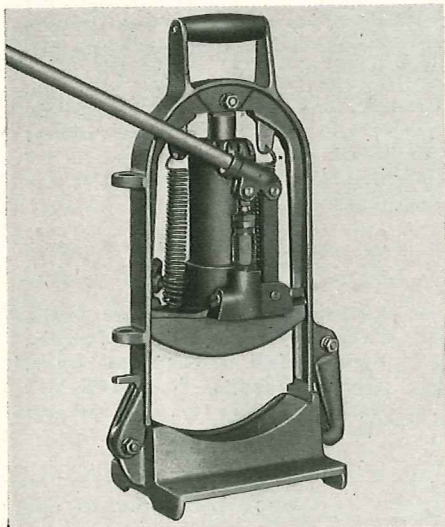


DOUBLE SAFETY
with
B & L HOSE
SHUT-OFF



Here is a positive proven hose shut-off invented and designed by a Captain of a Metropolitan Fire Department.

It is simple and safe to use, and operates as easily as a hydraulic jack. Delivering steady, even pressure on the hose—it cannot injure the fabric or strength of the jacket. It promotes longer hose life!

The B & L hose shut-off is designed to apply smooth, gradual force to the hose, avoiding the customary surge of pressure which is so dangerous. It cannot "snap" the pressure. It adds safety to operation!

The B & L shut-off weighs only 25 lbs.—the minimum weight that will provide complete safety.

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TRACTOR AND EQUIPMENT CO.
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Patented in United States and Canada

North Carolina Firemen Meet

Resolutions condemning any person or group who in any way attempts to slow up the National defense program were adopted by the North Carolina Firemen's Association at the final session of the annual convention of that body held in Asheville, N. C., August 6. Delegates attending also went on record as offering their services for national defense to Governor Len G. Broughton, or President Roosevelt.

R. A. Joyner, of Farmville, was elected President of the Association, succeeding D. E. Shuford of Hickory. Charles L. Burkett of Salisbury was named Vice-President; John L. Miller of Concord, Secretary; A. B. Horney of High Point, Treasurer and Albert W. Brinson of New Bern, statistician.

Memorial services for members of the Association who have died within the past year, and a talk by William B. Umstead of Raleigh, former congressman, featured the closing session.

Members of the Association who died during the past year are as follows: J. H. Kesler, East Spencer; J. C. George, Winston-Salem; R. J. Everest, Salisbury; Thedora E. Best, Chapel Hill; Fred Helms, Albemarle; George T. Middleton, Kannapolis; William H. Teer, Durham; J. R. Johnson, Winston-Salem; William T. Twilford, Farmville; R. C. Lewallen, Asheboro; W. F. Richardson, New Bern; Stephen T. Farrish, Ayden; Sanford J. Myers, Mount Airy; Ernest B. Bain, Raleigh; Levi W. Kennerly, High Point; S. F. Allgood, Washington; G. A. Jenkins, Winston-Salem; M. D. Defee, Sanford; C. N. Brewer, Wilmington; Clyde A. Hildebrand, Canton; G. B. Hoblitzell, Andrews; J. E. Murdock, Weaverville; E. P. McClure, Graham; C. R. Jordan, Elizabethtown; R. A. Foster, Portsmouth, Va.; and A. A. Gary of Hickory.

D. G. SPENCER

Payment for Out-of-Town Runs

At Henderson, N. C., an agreement has been reached between the city and the county covering fire protection by the city fire department to suburban areas and elsewhere within reach. It is provided that the county will pay the city \$1,500 for answering not more than thirty alarms a year outside the city limits.

Solves Pressure Problems

A recent addition to the fire fighting field is the Pressurator, a small gauge which is attached to the pumper, and which shows the pressure at the nozzle on a line, irrespective of the length of line, or the elevation of the nozzle. The device is placed on the outlet of a pumper, and has a connection to which the hose line is attached.

The Pressurator has within it a small venturi meter which records the flow of water through the Pressurator. Having the size of the nozzle, as well as the flow in gallons per minute, the nozzle pressure can be determined. This is just what the Pressurator does. It registers on a dial the pressure at a given size nozzle for the flow of water passing through it.

Thus the operator at the pump, if he wishes to maintain a certain pressure at a nozzle, adjusts the speed of the pump

so as to have the dial record the desired nozzle pressure, and that is all there is to it.

The new Pressurator is very much smaller and more compact than the original model. It is readily adapted to any or all pumpers, and the hazard of freezing has been eliminated.

The Pressurator is manufactured by Morey and Jones, Ltd., 922 South Hemlock Street, Los Angeles, Cal.

Halligan Deputy Commissioner

Deputy Chief Hugh A. Halligan, of the New York Fire Department, was recently appointed by Commissioner Patrick Walsh to the position of First Deputy Fire Commissioner, to fill the vacancy caused by the resignation of Arthur L. Marvin, who returned to his post of First Assistant Corporation Counsel.



Deputy Fire Commissioner Halligan

Commissioner Halligan joined the Fire Department on June 16, 1916. He became a Lieutenant on April 16, 1922, and a Captain on February 1, 1924, and was assigned to a fireboat. He was promoted to Battalion Chief on June 1, 1929, and to Division Commander on October 1, 1934. The Commissioner, who is one of the youngest senior chief officers in the New York Department, is forty-seven years of age.

Firemen Protest Changes in Two Platoon Bill

Six hundred Massachusetts firemen from all over the state recently jammed the State House in opposition to amendments proposed by Governor Saltonstall to a legislative measure enabling cities and towns to establish a two-platoon system for permanent firemen.

The bill, passed by both branches of the Legislature, would permit municipalities by vote of their local City Council or Selectmen to set up the two-platoon system for their fire departments.

Governor Saltonstall returned the bill to the House and Senate recommending that the bill be amended to make it non-effective until the emergency declared by the President has been ended, and also that the acceptance of the bill be left up to referendum vote of the local com-

and the bed, contained in specially built aluminum drawers, are carried such equipment as splints, 2 air masks, first-aid kits and doctor's kit, blankets, a specially constructed stretcher, emergency lights, rope and other rescue equipment.

The interior of the truck is lined with sheet aluminum, easy to keep clean, which was cut and fitted in the fire department garage. Two small windows were built into each side of the truck, each bearing a painted Red Cross. The rear bumper was removed and a sturdy step fastened to the frame. Step is covered with rubber matting. Three flasher signal lights, a spotlight and a siren were put on the front of the car and two lights on the roof at the rear.

Apart from the regular light, which is standard equipment for the illumination of the interior, the fire department mechanics devised and installed two indirect lighting units, one on each side of the car and near the roof. Illumination inside the rescue car will be adequate at all times.

All work on the rescue car was done in the fire department garage and on regular time. The rescue car will answer all first alarm fires in the business and factory districts and will answer first-aid calls any place, even as far distant as Leamington and Kingsville, 30 miles away.

Apart from serving as an emergency ambulance for the general public it will also serve in the same capacity for fire department personnel. Chief asset of the new car is that it offers a fully equipped rescue unit in an unusually compact space and that it is exceedingly fast.—M. W. BOWMAN.

New Multi-Use Forcible Entry Tool

A new, lightweight forcible entry tool has been designed by Hugh A. Halligan, Deputy Chief of the New York Fire Department, which possesses new and original features. It is said to combine attributes of the utilitarian, standard claw tool, and the efficient Kelley tool as well as certain advantages of the ubiquitous pike, or hook, and flat-head axe.

The device weighs only 8½ pounds

and measures 30 inches in length. It has a forked spade, like a claw tool, at one extremity, and a sharp, pointed hook and an edged blade at the other.

During his eighteen years in the department, Chief Halligan has specialized in forcible entry and ventilation operations and the new tool grew out of his own practical experiences and those of the men under his direction. His main objective was to devise an instrument that, while possessing the correct physical and mechanical principles, would minimize the possibility of injury to the user. Chief Halligan had seen many men hurt while using the old-style claw tool, due to striking the curved end of the claw and hitting off center.

The "Halligan tool" can be used for cutting, lifting, twisting, prying and wedging. It is claimed that its use for lifting skylights, scuttles and for forcing doors and locks is practically unlimited. It may be adapted for both the comparatively light work of residential and multiple-dwelling districts, and for heavier work encountered in industrial and commercial occupancies, by simply varying the tool proportions in scale.

The shaft of the tool is grooved to facilitate its grip by the operator. There are two grooves on the inside of the hook to prevent slipping when used on locks, and two on the outside to prevent slipping on wet wood. The head is so designed as to afford almost complete protection to the hands, arms and body of the user. After penetration of the claw is made and while the opening and spreading effect of the tool is being exerted, the hook end becomes a firm grip to steady the tool, facilitating movement of the free hand upward to apply maximum pressure. Upon completion of the forcing motion, the "axe" blade affords protection to the hands of the user.

It is reported that the Halligan tool has received a lengthy and practical workout in the New York Fire Department.

Succession of Large Fires in Philadelphia

In Philadelphia, four major blazes within a twenty-four hour period during the Holiday Season caused damage of over \$1,500,000. The most spectacular of these fires, and one of the city's worst



Philadelphia Firemen Use Heavy Streams on Threatening Blaze

Largest concentration of men and apparatus in years was required to control December fire that swept four buildings, doing estimated \$1,000,000 damage.

fires in years, destroyed five warehouses covering half a city block before it was controlled after four and a half hours of fight by 300 firemen and forty engine and ladder companies.

Housed in the five story brick buildings were an electric company, two shoe manufacturers, and shirts, hosiery, sportswear, gloves and neckwear companies. The records show that the site of the blaze was the scene of three other disastrous fires in the last twenty-five years.

The fire started in a large stock of waste on the second floor of the National Sales Company, 119-125 N. Fourth street, and spread rapidly. Intense heat, which made it impossible for firemen to approach nearer than thirty feet of the burning buildings, combined with the hazardous conditions caused by the week-end snowstorm, hampered fire-fighting operations. Seven alarms were turned in for the blaze, necessitating the



Deputy Chief Halligan Displays New Forcible Entry Tool

Left: Veteran New York officer invents tool that performs many operations of regulation claw and Kelley tools, axe, pike and punch. Right: One of a number of applications. All door-forcing movements are in the area of the door itself so that a door which might be set between two partitions could still be easily opened.

Les Morgan Joins Van Pelt

The P. E. Van Pelt, Inc., of Oakdale, California, announce the appointment of L. B. "Les" Morgan, well known Northern California fire apparatus representative.

For the past 8 years Mr. Morgan represented the American-La France-Foamite Corporation in Northern California and Nevada, and is the third generation of his family to be associated with the Fire Service.

The Van Pelt Company, celebrating their Silver Anniversary as builders of fire apparatus, this year have recently completed remodeling of their plant at Oakdale and have increased their facilities to 42,000 square feet.

Quaker Rubber Elects Officers

Mr. T. M. Evans, President of Quaker Rubber Corporation, Philadelphia, Pa., Division of H. K. Porter Company, Inc., announced that Mr. J. R. Keach, General Manager, was elected a Director and Vice-president at a meeting of the Board of Directors held in Pittsburgh, Pa., on June 1, 1950.

Others include Mr. G. C. Johnson, General Sales Manager, who was elected a Director; Mr. F. A. Rehorst, Secretary, and Mr. V. P. McNichol, Assistant Treasurer.

Quaker Rubber Corporation is a recently acquired division of H. K. Porter Company, Inc., Pittsburgh, Pa., and are manufacturers of rubber belting, hose, packing and miscellaneous rubber products for industry.

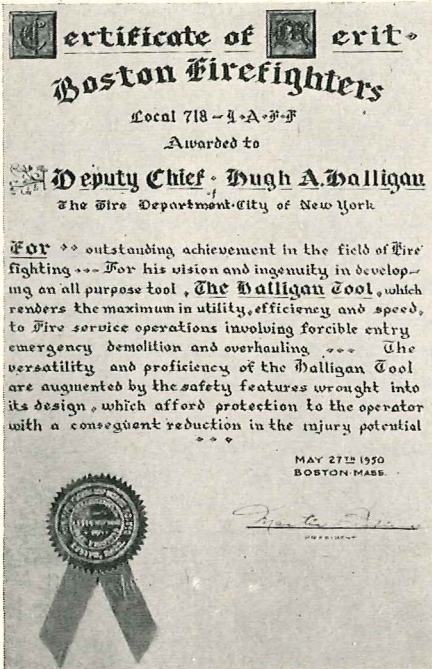


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There is a Briggs & Stratton service organization, factory-trained and supervised, near you — with a complete stock of genuine Briggs & Stratton parts for all models.

Briggs & Stratton service is world-wide — and constitutes the largest network of its kind. It is an important part of Briggs & Stratton's continuous effort to make its engines of greatest constant value to their users.

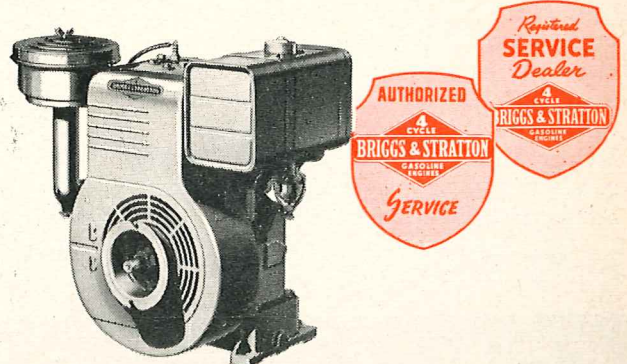
BRIGGS & STRATTON CORP., Milwaukee 1, Wisconsin, U. S. A.



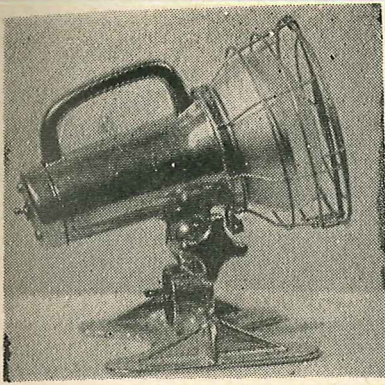
Chief Hugh Halligan Honored

Boston Fire Fighters Local 718 (International Association of Fire Fighters) honored New York's Deputy Chief Hugh A. Halligan, inventor of the Halligan Tool, at a banquet held in the quarters of Engine 21, that city, on May 28th.

At the same time 100 New York City fire fighters were visiting the Boston and Protective Departments, while in that city on one of their annual church pilgrimages. The award was made by President Martin E. Pierce of the Local, and is one of a number made by the organization in recognition of contributions that advance the fire fighting profession in all phases.



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300 Watt 110 Volt Floodmaster Light. Burnished cast aluminum lamp housing and base. Hubbel twist lock male connector in base. Weighs only six pounds. Use with your 110 volt generator or plug into neighbor's outlet for plenty of light at every fire.

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New! Aluminum battery holder to fit 9½ volt Burgess batteries.

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BLUE RIDGE SUMMIT, PENNA.

BODY-GUARD BUNKER SUITS FOR COMFORT & PROTECTION



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SIREN BOOTS

We have been supplying FIREMEN'S CLOTHING for over 25 years.

Any fireman can have a catalog by writing —

**BODY-GUARD
MANUFACTURING CO.**
ST. JOSEPH MISSOURI

News of the Manufacturers

(Continued from page 126)

the emergency came they were ready, the firemen knew how to use them, and then prevented what could easily have been a major disaster.

"The least we can do is pass along an editorial Thank-you to the firewards who recognized a need and saw to it that the equipment was on hand when it was needed.

Halligan Tool Gets Nod

William J. Casey, Director of Public Service, City of Lawrence, Mass., has filed a bill with the Massachusetts Legislature intended to make it mandatory to equip all city and town police departments maintaining cruiser service, with a forcible entry tool and one or more all-purpose masks.

The bill, which will be presented by Representative Joseph Conley of Lawrence, specifies "the forcible entry tool shall be of the Halligan Tool type or some other similar tool." The all-purpose mask "must be approved by the U. S. Bureau of Mines."

Cisterns for Rural Fires

"Fight Farm Fires—Build a Concrete Cistern" is the title of a very useful illustrated folder published by the Portland Cement Assn., 33 West Grand Avenue, Chicago 10, Ill.

The folder gives detailed instructions on how to build a farm cistern to hold 3630 gallons of water for fire fighting, how to provide a suction intake for a fire engine, and other essential details. The folder is fully illustrated with photographs and drawings. For fire departments protecting farm areas, this document proves very helpful. A copy may be secured by writing the Association.

New Portable Power Megaphone

Known as the "Little Bull," a new portable power megaphone has been introduced by Austin Lee, Inc., 1624 Eye Street, NW, Washington, 6, D. C.

It is said to be the only all-in-one power megaphone on the market. It operates on a magnetic amplifier without any electronic amplifier or vacuum tubes. It is powered by 6 standard flash light #2 batteries and is said to have a range of up to ¼ mile.

Other features are its compactness—it measures 8½ in. x 11 in. high, and its lightweight—5½ lbs.

"Little Bull" is reported used by the Armed Forces, in fire fighting, civil defense, and by police and rescue units. It is approved by the Federal Bureau of Prisons.

Motorola Appoints New Vice-President

Election of John Silver, formerly general manager of the Communications and Electronics Division, to the position of vice-president in charge of operations of the division is announced by Paul V. Galvin, president of Motorola, Inc.

Mr. Silver joined Motorola in 1944, and was appointed general manager of the Communications and Electronics Division in 1949. Prior affiliations included 12 years in engineering at Crossley Radio Corporation and several years

as chief production engineer for Collins Radio, Cedar Rapids, Iowa. He received his bachelor of science degree in Engineering from Ohio State University, and a master's degree in Business Administration from the University of Chicago.

DeCoursin Heads FWD Sales

G. F. DeCoursin has been appointed General Sales Manager of The Four Wheel Drive Auto Company, Clintonville, Wis., it was announced recently by Robert A. Olen, President and General Manager of the Company.

DeCoursin, familiarly known as "Joe," came to FWD in 1936. Starting in the factory, he became thoroughly familiar with the manufacture of FWD trucks. His promotion from one position to another was rapid, involving purchasing, production and application of the product.

In 1945 he was made Manager of the Standards Department, his interests also including sales and business problems. He attended the University of Wisconsin and the University of Iowa, on leave of absence, concentrating on business and sales management.

He was advanced to the Sales Department early in 1949 and in 1950 became Field Sales Manager in charge of all the sales activities of FWD dealers and salesmen. Since then, he has spent most of his time on the road working with representatives in practically every part of the nation.

New Darley Catalog Available

W. S. Darley & Co., 2810 Washington Boulevard, Chicago 12, Ill., has just issued its new comprehensive Fire Equipment Catalog No. 149 describing and illustrating its wide line of fire fighting apparatus and appliances.

The book contains 108 pages, has 1,100 items and 750 illustrations, with a ready index.

The catalog is available to fire department officials, fire chiefs, firemen, free of charge.

New Village Fire Fighter

C. F. Kadas Co., Oceana, Va., has introduced a small fire fighting unit suitable for a wide range of operations. The apparatus is furnished with pump, booster tank, hose and turret nozzles. For rural use, the booster tank is increased to 350 gallons and the turret pipes omitted. A 250 GPM Handy Billy portable pump is carried in the rear. Unit is also equipped with a 300 GPM two-stage high pressure pump, suction hose, 150 ft. of high pressure hose, with Myers gun-type nozzle, ladders and miscellaneous equipment.

Detailed information may be secured from the above company.

Dickson Appointed Kidde V.P.

The election of R. L. Dickson to vice president-controller of Walter Kidde and Company Inc., was announced recently by John F. Kidde, president of the company.

Mr. Dickson joined Kidde in 1941, became assistant to the controller in 1943, and controller in 1947. He is a graduate of Dartmouth College and the Amos Tuck School of Finance, a member of the National Tax Committee of