



Billie Hartung (left), five-time winner of the Florida state women's championship and holder of several other ladies' titles, recently won a set of First Flight irons for scoring an ace on the 10th hole at Riviera CC, Coral Gables, Fla. She scored with a First Flight ball. Mrs. Hartung is seen with Jack Kelsey, First Flight salesman (center) and Buck Luce, Riviera pro. Luce did all right, by the way. He was paid a \$60 profit on the irons and received a set of First Flight woods, a bag and a dozen balls as his prize for having a member who scored an ace. Jack Harkins, First Flight pres., was pretty happy about this one since he is a founder of Riviera CC.

### Cushman Becomes OMC Division; Cooper Is New Head

Cushman Motors, Lincoln, Neb., has reorganized its management team. Formerly

a subsidiary of Outboard Marine Corp., it is now a division. The change was brought about by the resignations of Robert H. and William M. Ammon, former pres. and vp, respectively. Head of the new division is Wayne L. Cooper, previously sec-treas. of the subsidiary. James W. Creighton has been named factory manager and Keith A. Pope, director of accounting.



Cooper

Creighton formerly was manager of OMC's Lawn-Boy plant and Pope was an OMC accounting supervisor.

### James Smith, Jr. Named Aero-Thatch President

James Smith, Jr. has been appointed pres. of Aero-Thatch Co., Rahway, N.J. He succeeds his father who becomes vp in charge of research and development. The younger Smith has been with Aero-Thatch since 1953, when it was started, in a sales capacity. He is a graduate of the Rutgers U. school of agriculture. The elder Smith founded Aero-Thatch when he was pres. of Ferti-Soil, Inc. and developed the widely acclaimed CHIA method of soil conditioning and control. The Aero-Thatch machine aerates, de-compacts, reduces thatch and cultivates in a single operation.



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a new generation of elm, modern  
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- Screening
- Beautification of the course
- Shade

The Augustine Ascending Elm is just 40 years old. It is a tetraploid mutation with 56 chromosomes, twice as many as the typical American elm. Both field experience and scientific inoculation tests have shown this healthy tree to have a marked resistance to the attacks of insects, fungi and viruses. We have received no proven evidence, in all this time, that any Augustine Ascending Elm has ever suffered or died from Dutch elm disease so you can plant and enjoy its unmatched beauty with confidence!

**CONVENIENCE:** a magnificent tree whose columnar shape tends to minimize the difficulties of making shots under or around it.  
**BEAUTY:** majestic, vertical form is distinctively architectural. Large-leaved, rich green foliage provides ample shade, yet the tree's unique structure allows more sunlight to reach the grass more hours per day, thus promoting a thick lawn right to the trunk base.

**ADAPTABILITY:** narrow, upright shape and down-growing root structure permit close planting for windbreaks or enclosures. Perfectly suited for lining fairways and roads, and for setting off greens.

**RAPID GROWTH:** just 5 years from sapling to tree.

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## ***Florida Supt. Says Trucksters Are Easy on the Turf***

Model 780 Cushman Trucksters, made by Cushman Motors, Lincoln, Neb., are being used extensively at LeJeune GC, Miami, Fla.,



according to Supt. Paul Turcotte. The Trucksters, according to Turcotte, are easy on fairways because the 4-ply traction-tread tires do not mark the turf even though they provide sufficient traction under wet and slippery conditions. The Cushman vehicle has an 11.1 sq. ft. body section, convenient for hauling mowers, hoses and other maintenance equipment. The Truckster is powered by a 9 hp die-cast aluminum engine that operates on an automotive type transmission. It gives approximately 40 miles to a gal.

## ***Davis Fills in for Young in Cooper's Eastern Area***

Cooper Manufacturing Co., Marshalltown, Ia., power mower manufacturer, has announced that the territory of W. Newton Young, longtime representative of the company, is being reduced because of his health. Arrangements have been made for Robert (Bob) Davis to take over part of Young's territory—Western Pa., New York and New England (except L. I., New York City and lower New York.) Davis, who works out of Middletown, N.J., has been associated for several years with distributors who handle Cooper's products.

## ***American's Low Price Floor Mat***

A low price floor mat with easily cleaned corrugated top surface, an extremely durable fabric insert and  $\frac{1}{4}$  in. heel-proof perforations, is being produced by American Mat Corp., 1802 Adams St., Toledo 2, O. It comes in five colors, three thicknesses from  $\frac{1}{4}$  to  $\frac{1}{2}$  in., and is recommended for entrances, lobbies, ramps, etc. Details on this and other American Mat products can be obtained by writing to the company.

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**Buyers' Service—P. 111  
Classified Ads—P. 109**

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## Toro's Caddy Master Designed for Finger-Tip Guidance

Caddy Master, produced by Toro Mfg. Corp., Minneapolis, is battery operated and is said to travel 18 holes without a re-charge. Its four-



wheel trailing design keeps the weight of the machine to a minimum (79 lbs.) and this lightness makes possible finger-tip guidance. The Caddy Master breaks down readily to fit into a car trunk. It has 110-volt a.c. charger and timer clock, the 12 volt power supply is totally closed and the electric drive motor is completely sealed against dirt. Toro rents the carts to players through a pro shop setup.

## Sod-Master's Powered Topdresser Covers 36-Inch Swath

Mete-R-Matic, a new powered topdresser, manufactured by Sod-Master, Minneapolis, Minn., is designed to topdress greens, etc.



mechanically. It has a gas engine and is guided by the operator by means of a front handle bar. Topdressing material moves from the 1/5 cu. yd. hopper on a treadmill to a large, rotating brush at the rear of the machine which drives the material downward in a 36-in. swath.

## New Power for the Brushking

Rowco Mfg. Co., N.H., has equipped its Brushking Model 660, a portable brushcutter, with a Power Products modified model AH 47 engine. The high speed, two-cycle, aircooled engine develops three hp throughout the unit and, because of its two-stroke design, is easily maintained. Rowco also makes Trimkut power lawn trimmer, Rolling small-size power roller and Quik-Pik litter picker.



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## Bogey Buggy Picked as Name Of New Nordeco Golf Car

Robert Masten, Boone, N.C., real estate broker, is the winner in the contest sponsored by Nordeco (Northwest Development Corp.) to give a name to its one-man golf car. Masten selected "Bogey Buggy" for the new vehicle manufactured by the Kohler, Wis. firm and has been awarded one of the cars. Bogey Buggy is powered by a 4 hp gas engine and travels up to 9 mph over the roughest terrain. Its one piece molded fiberglass body and the muffler system are designed to keep motor and exhaust noises at a minimum. The car travels on low-pressure, 5-in. airplane type tires.



Masten

Nordeco is a new entry in the golf equipment field. It was founded by Conrad D.

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# SOD-MASTER

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Kohler. One of its main aims is to provide engineering and production advice to people who have sound ideas but limited experience.

### International Combination Used in Denver Course Construction

International's 460 Industrial tractor and Wagner Loader combination (photo) was used



in pulverizing topsoil for the greens at the new 27-hole Cherry Creek Park public course in Denver. More than 600 yds. of soil was fed into the pulverizer for the greens. The city also used another 460 yds. to complete the course and a recreation area at Cherry Creek reservoir.

### Goodwin Markets New Sleeve-Type Grip

A new and expanded line of sleeve-type golf grips is being produced by Goodwin Mfg. & Development Co., Durham, N.C. Marketing of the grips is being handled by Goodwin Sales Div., Alderman-Ondo Corp., PO Box 1086, Warren, O. A new compound, X-70, is being introduced in the grip. It is said to improve hand feel, prevent slippage in any kind of weather and has strong resistance to abrasion and wear. The new line comes in several eye-appealing combinations. The Goodwin line is handled through established pro distributors.

### Tri Powered's TeeBirdie Gives 18 Holes to Gallon

Par for the TeeBirdie, built by Tri Powered Corp., Austin, Tex., is said to be 18 holes to a gal. The car runs on a 7 hp air-cooled Kohler



engine and has several other noteworthy features including automatic transmission, power brakes, coil springs, welded steel frame and fiberglass body. The TeeBirdie has an oversize tank, capable of holding 2½ gals. of gas.

### Chamberlin Kart Brochure

Extensive research is said to have led to the development of many new features in recent months in the Chamberlin Ko-lap-si Kart. These

and other construction features are described in a brochure that is newly released. To get it, simply drop a card to "Brochure," Chamberlin Metal Products Co., Frankfort, Mich.

### Moist O'Matic Has New Heads for 11-Station Controller

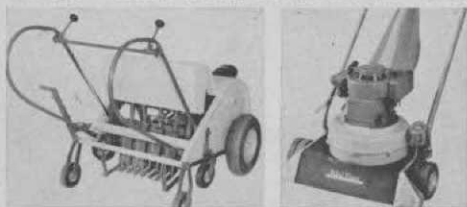
A new line of heavy duty, brass body, gear-driven rotary pop-up turf sprinkler heads, teamed with a compact 11-station automatic sprinkler



controller, is being produced by Moist O'Matic, Inc., Riverside, Calif. Both full and part circle heads are available. Each has exclusive three-nozzle design, finger tip part circle adjustment, extremely low pressure drop and a wide range of nozzle selections. Part and full circle heads give identical performance and are interchangeable. Operating pressure range is from 35 to 150 psi and radii from 45 ins. to 95 ft. Moist O'Matic's new Monitor, an 11-station controller, has a motor driven rotary selector valve with easily adjustable section knobs, giving control of the 0 to 60 minutes running time of each section.

### New West Point Models

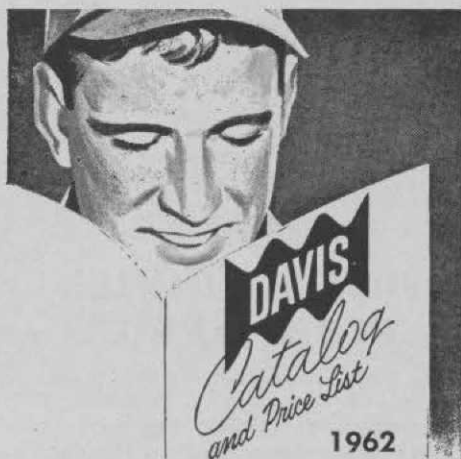
Important tools in West Point Products Corp's line are the 1962 Vertifier and Aeri-Vac. The former has hydraulic, lateral action for fast vertical coring on greens and other



Vertifier

Aeri-Vac

fine turf areas. Tines are adjustable for depth setting and front operation and turn-table action make it easy to turn the machine in its own path. The Aeri-Vac is recommended for removing Verti-cut material from greens. It is 26 in. wide, has a large capacity vacuum fan and its dual wheels prevent marking green surfaces. The West Point firm is located in West Point, Pa.



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Registers up to 99,999 ft.  
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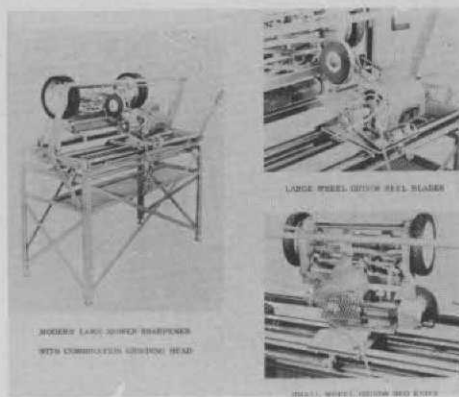


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## Foley Sharpener Handles Fully Assembled Mowers

A sharpener that grinds both the reels and bed knife of any reel-type mower while the mower remains fully assembled and in



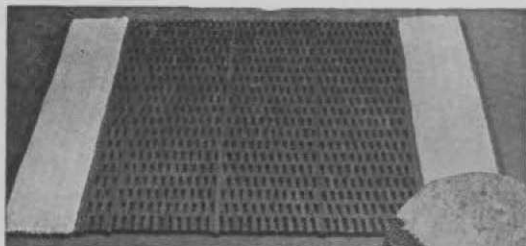
upright position is included in the expanded line of sharpeners now offered by Foley Mfg. Co., 3300 N.E. 5th st., Minneapolis 18, Minn. Built with institutional users in mind, the precision machine has a combination grinding head,  $\frac{1}{2}$  hp electric motor with double end shaft, and 6-in. and  $2\frac{1}{2}$  in. emery wheels to grind blades and bed knife. Mobility of grinding positions is a feature of the Foley unit. A patented elevator lift makes it possible for one man to handle the grinding detail. A low-cost attachment is available for grinding rotary blades on the same unit.

## Pedersen Adds More Refinements

Pedersen Sales Co., Wilton, Conn., has added more refinements to its irons and increased



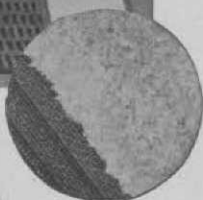
the face size of its woods for 1962. In construction of irons, the company points out that it has strived for precise relationship of shape, weight, balance and loft in all sets. There are four flexes for men and one for women, the same as with the wood clubs. The woods have formica face inserts, all are carefully



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swing-weight tested and careful attention is paid to sequence of loft. Sets of both woods and irons are available for lefthanders.

### Parrett Outlines New Financing Program for Distributors

At the annual sales meeting of the Parrett Mfg. Co., Inc., Benton Harbor, Mich., held at Point of Woods CC, a new sales and customer



Parrett officials, distributors and Nassaus at sales meeting.

financing program for the Nassau golf car was extensively outlined for distributors. Persons attending the meeting also were briefed on the intricacies of preventive maintenance. Appliance Buyers Credit Corp., St. Joseph Mich., is handling Parrett's national finance purchase plan. In 1962, Parrett expects to concentrate on a national ad and sales promotion program.

### MacGregor's Matching Threesome Is for Discriminating Golfer

MacGregor's matching threesome, in kangaroo, is described as a luxurious combination, made for the most discriminating golfer. The "Head-Fit" covers are kasha lined and have a matching leather thong and lurex welt. The "Sweep-Flare" bag has padded top and bottom cuffs, extra roomy clothing and ball pockets, a hide-away umbrella well and hardware is in nickel and brass with copper rivets. The 20-in. "Carry-All" is waterproof, has an end-to-end main compartment zipper, and extra zippered compartments for small articles. These items are sold separately or in units only in pro shops.



**Buyers' Service—P. 111**

**Classified Ads—P. 109**



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5128 W. North Av., Chicago 39, Ill.

Ask for our new,  
1962 Golf Range  
Equipment and  
Supply Catalog!

### Fox Karts Puts New Entry in Golf Car Field

Fox Karts, Inc., Box 797N, Janesville, Wis., producer of racing and fun karts, has introduced an economy golf car known as the Caddy Wagon. It has a one-piece fiberglass



body, contoured deep foam seat and a spring torque, aircraft style chassis. The Caddy Wagon rides on what is said to be newly developed, low pressure aircraft tires which produce strong traction but cause little pres-

sure to be applied to turf. The single seat vehicle will carry a 250-pound golfer up the steepest grades with ease, according to the manufacturer. The car has one-lever hand control and the flip-over tiller makes it easy to transport by station wagon. Dealer discounts are offered by Fox Karts to all pros.

### Walking Measure Meter Eliminates Tedious Tape Handling

The Wheel-N-Measure, made and distributed by B. G. Reilly Co., PO Box 231, North Scituate, R.I., is said to be ideal for making long measurements such as often are required on golf courses. The device, which has a handle attached to a cast aluminum wheel, is walked by the person checking the measurement, and records up to 99,999 ft. Distance can be checked at any time on an attached counter and re-setting is a simple matter. Wheel-N-Measure weighs only 6 lbs. and operates as efficiently on rough as smooth terrain. It is widely used by surveyors, utility firms, etc. Complete information as to price and performance can be obtained from the Reilly firm.

Classified Ads—P. 109

PGA OFFICIAL GOLF BAG TAGS  
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### Laher Lists 14 Selling Features on the Masterpiece

Laher Spring & Electric Car Corp., New Albany, Miss., and Oakland, Calif., list 14 features that makes its Masterpiece golf car



what it describes as an outstanding vehicle. Here are some of the selling points that are highlighted: Every wearing part runs in oil; drive is enclosed; Air-Vac springs give soft, easy ride; plenty of room even for outside or

oversize players; powerful batteries that give 36 to 54 holes to a charge; no rattles in unitized body; built-in charger; and large 8-in. soft tires for a comfortable ride. The Surrey top (in photo) is additional equipment, according to Laher.

### Golfcraft Distributes '62 Catalog

Golfcraft, Inc., Escondido, Calif., has distributed its 1962 catalog to pro shops throughout the country. Men's and women's irons and woods, complete sets for lefthanders, and utility clubs are displayed in an artistic splash of color along with putters, the new Golfcraft Staff ball and umbrellas. A section is devoted to the "glasshaft story" along with another describing the history of the 18-year old firm directed by E. R. (Ted) Woolley.

### U. S. Rubber Expands Plant to Produce More Vyrene

U.S. Rubber Co. has expanded its Gastonia, N.C. plant for the second time in a year to increase production of Vyrene, the new spandex thread, used in production of sportswear and other products. The expansion has resulted in increased production capacity of 50 per cent.

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**THE GOLF SHOE VALET** will aid you in keeping carpet and floor clean in clubhouse, pro shop and locker room. Cleans grass and mud from bottoms as well as sole edges of shoes.

Constructed of anodized aluminum frame with base brush of high quality Tampico Fibre. All brushes removable, reversible, replaceable.

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### *Hagen Kangaroo Ensemble Has the Executive Touch*

This black Kangaroo leather golf bag ensemble from Walter Hagen Golf Co. is referred to as an executive item. Golf bag, carry-all and cover set are crafted of supple, black leather with handsome gold trim. Items are available as a set or individually in pro shops.



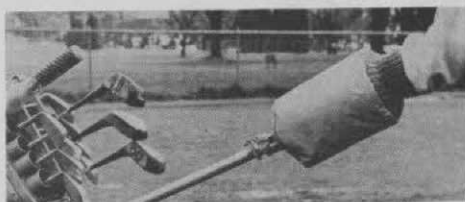
### *Hogan Co. Markets Two Lines for Junior Players*

The Ben Hogan Co., American Machine & Foundry Co. subsidiary, is marketing two lines of matched clubs for young players. One is the "Little Ben" for kids between the ages of seven and ten, and the other, the Ben Hogan Junior for 10 to 14-year olds. The Little Ben set has a wood with select persimmon head finish and includes the 3, 5 and 9 irons and

a scaled-down Hogan Exact Balance putter. The Junior clubs feature No. 1 and No. 3 woods with Dura-Fly heads in mahogany and include the 3, 5, 7 and 9 irons and the Exact Balancer putter. Both lines will be sold only through pro shops.

### *Fairway Specialties Markets Golf Cart Handwarmer*

The "Snappy," a handwarmer for golf carts that readily slips on or off the handle, is offered by Fairway Specialties Co., 5335 N.E. Sandy



blvd., Portland 13, Ore. It comes in five assorted colors and plaids and is packaged in clear polyethylene with a colorful, descriptive header. The washable Snappy has nylon pile lining and its nylon cover is water repellent. It is held in place with an elastic snap-band. Unsnapped, it may be used as a muff.

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### **Ardco Roto-Werl Has Summer and Winter Use**

The Ardco Roto-Werl spreader is designed for applying granular and pelleted fertilizers, seed, insecticides and herbicides. It also has a



winter application for spreading rock salt, calcium chloride and other chemicals for melting snow. The unit is maintenance free since it has no engine, belts, rollers, gears, etc., and requires no extra attachments. This spring Ardco will introduce two new products — a barrow spreader and a topdressing spreader. Toney Mascaro, Ardco pres. who designed and holds all patents on the Roto-Werl, has been in the turf

equipment business for 20 years. He helped found West Point Products and later was vp of Hatfield Roto-Werl Spreader Corp. He is now devoting full time to research and development work on the Roto-Werl line.

### **Big Backlog Prompts Crawford to Expand Production Facilities**

Crawford Mfg. Co., Meadville, Pa., has added 7,000 sq. ft. of floor space to its manufacturing facilities.

The addition was prompted by a large backlog of orders for the two-passenger Kiltie Car (photo.) In the last year, Fort Mead Sales, Inc., which handles sales of the Kiltie Car, has set up a national group of more than 300 dealers to sell the vehicle. With the addition, Crawford Mfg. will turn out 50 cars a day at peak production. It also plans to build an industrial version of the Kiltie Kar for material handling and personnel transport.



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## GEOFFREY S. CORNISH

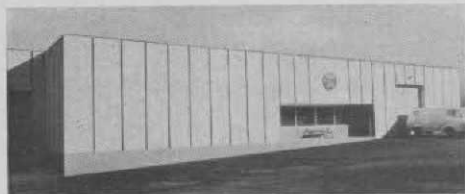
### Golf Course Architect

Fiddler's Green Amherst, Mass.

Phone: ALpine 3-3913

### Par Aide Products Moves Into New Building

A building that is just as slick looking as the golf equipment it produces has been completed by Par Aide Products Co., 296 N. Pascal st.,



St. Paul, Minn. The structure contains 10,000 sq. ft., and according to Joseph S. Garske, pres., gives Par Aide a good deal more production room than it previously had and thereby facilities to handle orders more quickly than before. The St. Paul company manufactures more than 20 pieces of course equipment and accessories in addition to a full line of furniture for the course, lockerrooms, terraces, etc. Its products are described in a 12-page booklet that can be obtained upon request.

### Borm's Automatic Scorekeeper

The new Golfer's Pal scorekeeper, manufactured by Borm Mfg. Co., Big Timber rd.,

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Elgin, Ill., is worn like a watch on a leather wrist band, records strokes per hole and total strokes per game at the press of a plunger. A reset pin clears the score for each tee. Complete retailing information can be obtained by writing to Borm.

### Iron Clad Produces Plastic Covers for Iron Clubs

A new item, Iron Clad Protective covers, has just been introduced by Iron Clad Products,

PO Box 550, Menlo Park, Calif. The covers, made of bakelite plastic,

come in sets of nine. A twist of the wrist enables the player to insert or remove them. Iron Clads come in highland red, satin black, pearl white or powder blue with personally monogrammed letters in contrasting colored numbers which permit easy selection of the iron to be played. The purchaser may select a total of 27 free monogram initials when he buys a set of Iron Clads.



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## First Flight Markets Copies of Doug Sanders Clubs

Duplicates of the clubs that Doug Sanders used so successfully in winning five 1961 tournaments and amassing around \$60,000 for the



Sanders demonstrates copy of his clubs for Gordon Ramsey, First Flight sales manager.

season are being manufactured by First Flight Co., Chattanooga 5, Tenn. First Flight custom made the original set to Sanders' specifications, and now is turning out the duplicates from the original designs. Modified sets of the Sanders' clubs are available for women. First Flight also is introducing the Doug Sanders ball. Both clubs and balls are available only in pro shops.

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## Bowen Heads Spalding Marketing Department

E. Lee Bowen has been appointed manager of the new marketing services dept. of A. G. Spalding & Bros., Inc. The dept. handles sales analysis and forecasting, inventory planning and branch and customer order services. Bowen has been with Spalding since 1955 in market and sales research, working in a managerial capacity. He attended Purdue and Miami (Ohio) Universities and, upon graduation in 1954 from the latter school, served as an instructor while doing graduate work.



## Daggett on Toro Board

Albert H. Daggett, board chmn. of Gould National Batteries, Inc., St. Paul, has been named a director of Toro Manufacturing Co., Minneapolis. He also is a board chmn. and director of three other large firms. Announcement of Daggett's most recent directorship was made by David M. Lilly, Toro pres., at the company's annual meeting.

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**TRADE BRIEFS**

A. G. Spalding & Bros., Inc., has placed operation of its Canadian, English and Australian plants under the "Commonwealth Division", managed by A.S. Ballingall, pres. of Spalding of Canada . . . Power mower sales declined by about 8 per cent in 1961, but **Toro Manufacturing Corp.** kept its sales close to its 1960 record level of \$19.4 million . . . Poor weather that slowed housing starts was the main reason for the sales decline, but David M. Lilly, Toro pres., is predicting a strong comeback in '62 . . . Harvey E. Hamilton, with the company since 1953, has been named traffic mgr. for **Keasbey & Mattison's** asbestos-cement pipe plant in Santa Clara, Calif. . . **K & M** also puts its multi-million dollar asbestos-cement pipe plant in Hillsboro, Tex., into operation in October.

Trading in **Victor Comptometer Corp.** common stock was started on the N.Y. Stock Exchange late in Oct., shortly after Comptometer Corp. was merged into Victor Adding Mche. Co. . . **Bristol Pro-Golf, Inc.**, a div. of **Sportsman's Golf Corp.**, Melrose Park, Ill., has named Jackson Swift asst. sales mgr. . . **Triangle Conduit & Cable Co., Inc.**, New Brunswick, N.J., is developing a revolutionary type of heat

insulated piping system . . . The "golf bag", holding four balls, that **Hopple Plastics, Inc.**, made for **MacGregor** Xmas gift packaging, made such a hit that it's going to be continued as a premium.

R. W. (Bud) Plummer has been named mgr. of **Brunswick Corp.**'s new **MacGregor** plant that will go into operation in Albany, Ga., in March . . . **Consolidated Pipe Co.** of America has started operation in a new \$750,000 plant in



**Consolidated Pipe's new plant in Stow, O.**

Stow, O. . . Plastic pipe and fittings, polyethylene tubing, nylon and styrene fittings are being manufactured in the 45,000 sq. ft. plant where 150 persons work . . . **Tri State Toro**, Davenport, Ia., has acquired the inventory of the turf dept. of **Globe Machinery**, Des Moines and offices, warehouses and service facilities will

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be maintained in both cities . . . Robert (Mike) Benson heads the Des Moines sales outlet.

**Chamberlin Metal Products, Frankfort, Mich.,** has acquired the assets of Powered Products Cos. of Mich. and Texas, and will continue to manufacture golf cars under the "Caddy Car" name . . . Equipment from the Austin, Tex., plant has been moved to Frankfort where production on the 1962 line has been started . . . Chamberlin also is continuing to use Powered Products' former Rothbury, Mich., plant for production . . . The cover on MacGregor's 1962 catalog, done by Ted Drake, is an oil painting reproduction of a typical fairway scene . . . The many items in the top golf line are in color and are set off by eye-catching black and white product photos . . . Particularly appealing also is the inside cover color inset index page.

**American Machine & Foundry Co.** brought some of its national magazine and newspaper ads to life with window display reproductions on Fifth ave. in New York during the Christmas season . . . Included among them was a Ben Hogan Co display, an exact reproduction of an ad that was concurrently seen in print

. . . Western Turf News of Agriform Chemical Co., Woodland, Calif., recently described a Blue Chip planting tablet for fertilization of shrubs, trees, etc. . . . It's taken practically like aspirin.

### All ★ Star Handles English Glove

All★Star Industries, 10 W. 33rd st., New York City 1, has been appointed sole distributor of the golf glove manufactured by Taunton & Thorne, Ltd., Somerset, Eng., according to Harold A. Jason, pres., and Arnold Palmer, vp. Distribution is being made under the supervision of Norman Bender, vp. Taunton & Thorne consultants who wear the glove include Palmer, Jay Hebert and Gary Player.

### Scott Spreader Efficient

According to O. M. Scott & Sons, Marysville, O., its new 8-ft. Professional spreader can be used to make precision application on five acres in one hour with only one man being employed to handle the job. Using various products, it is said that there is no need to calibrate. The operator merely selects the rate setting shown on the package for whatever Scott product that is being applied.

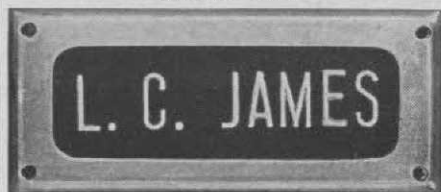
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