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Also Makers
Of Bristol
Fishing Rods
Reels . . . Lines

Balls,
Bags
and
Accessories

CERTIFIED WOODS AND IRONS

*Yes, these "Precision-Made"
Bristol Certified beauties quickly capture
the fancy both of Duffers and Low-
Handicap men wherever these quality-
leading woods and irons are on display.*

BRISTOL CERTIFIED WOODS

(Come in Nos. 1, 2, 3, 4.
Available in registered sets)
Heads are of selected persimmon, walnut stained, with insert face of laminated fiber and hard maple. Shafts are the famous Bristol Taper Section. New "Golf Pride" grips are durable cork and rubber composition moulded onto shafts. Sold through better Pro shops only.



BRISTOL CERTIFIED IRONS

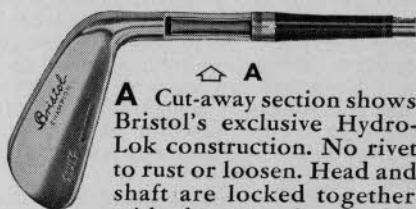
(Come in Nos. 2, 3, 4, 5, 6, 7, 8, 9, 10. Available in registered sets)

Big feature is Bristol "Power Blade" for crisper, more accurate iron club play. Stainless steel heads are offset with dark Homo finish face. Shafts are chrome plated Bristol Taper Section, joined to heads with Bristol Hydro-Lok. Grips are Bristol "Golf Pride." Sold through better Pro shops only.



BRISTOL in 1921 originated, developed, perfected, popularized the steel golf shaft, called by many the greatest step forward in golf club making history.

TWO BIG BRISTOL FEATURES:

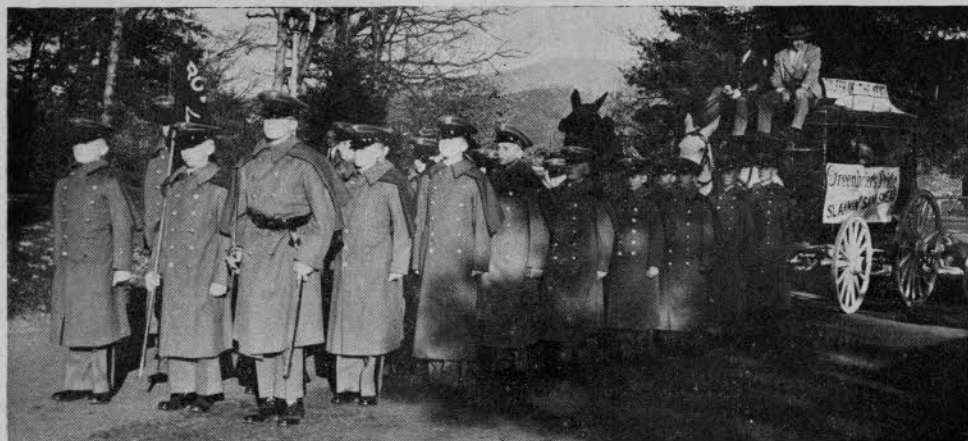


A Cut-away section shows Bristol's exclusive Hydro-Lok construction. No rivet to rust or loosen. Head and shaft are locked together with the same immovable

"Rock of Gibraltar" permanency as is a railroad car wheel to its axle.



B Cut-away section illustrates Bristol's one-piece, screw cap. Because Bristol builds its own shafts, Bristol is able to thread these shafts to provide for this exclusive feature. Eliminates unsatisfactory, old-type wood plug, brad, screw, etc. methods of attaching caps to shafts.



GREENBRIER GIVES "GOLFER OF THE YEAR" HERO WELCOME

Sam Snead, America's "Golfer of the Year," paraded on a fine old stage coach behind this company of cadets from Greenbrier Military School as part of the recent jubilant festivities arranged in his honor at White Sulphur Springs, W. Va. Stowed away in his well-stocked trophy case were such 1949 titles as the Augusta Masters', National P.G.A. and Western Open, along with numerous other blue ribbon mementos. He starred in his Ryder Cup role. The Kansas City fathers awarded him their coveted "Gof-fer" trophy. The home folks—including those from his birthplace at Hot Springs, Va., 60 miles away—turned out en masse to welcome The Slammer. "Sam Snead Day" started with a parade and wound up at a gigantic dinner at Sam's home Greenbrier Hotel and Country Club.

Bowes Named WGA President

Jerome P. Bowes, Jr., Chicago insurance executive, was elected president of the Western Golf Association at its 51st annual meeting in Chicago, Dec. 2. Bowes succeeds Maynard G. (Scotty) Fessenden, pres. for the past two years who will continue his association with Western as a trustee of the Evans Scholars Foundation. Bowes has been associated with Western since 1944, when he became a director. Since then he has served as V-P, a Foundation trustee and a member of the Association's scholarship committee. He is a former director of the Chicago Dist. GA and a past president of Exmoor CC (Chicago dist.).

Highlight of the meeting was the report of Secretary Hunter Hicks who reported assets of the Evans Foundation now totalled more than \$115,000 and the WGA membership included more than 300 clubs with members in Canada, Mexico and Latin America.

Bob Hope was one of eight new directors elected at the conclave, joining Bing Crosby, who has been an active director for more than a decade.

John C. Kennan, who resigned after four years as Exec. V-P to become V-P and Dir. of Sales for Society of Visual Education, was named to the board by unanimous vote. Other new directors named included Hiram Lewis, Kansas City; Roy Moore,

Memphis; Hord Hardin, St. Louis; Harry Schall, Buffalo; Robert Walker, South Bend; and V. A. (Babe) LeVair, Minneapolis. LeVair was elected after directors voted to accept a bid from the Minnesota State Golf Assn. to establish an affiliated caddie scholarship program for the Gopher State.

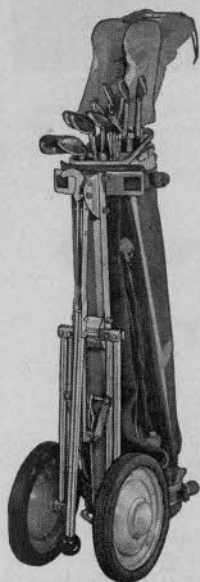


Maynard G. (Scotty) Fessenden, retiring president of the Western Golf Association goes over the treasurer's report during the organization's 51st Annual Meeting December 2 in Chicago with, (l to r), Jerome P. Bowes, Jr., the new president, Treasurer Cameron Eddy, and Comedian Bob Hope. Hope, an ardent backer of the WGA's caddie scholarship program, was elected a director at the meeting. The program is backed by a trust fund in excess of \$115,000.

PATENTED KADDIE KART PRODUCTS

MANUFACTURED BY KADDIE KART MFG. CO.
AND ITS AFFILIATED COMPANIES
GOLF CART SUPPLY SERVICE and CHAMBERLIN METAL PRODUCTS
1466 W. MADISON ST. SECOND FLOOR CHICAGO 7, ILL.

GOLFERS *Ko-lap-si Kart* TRADE MARK



Four New 1950 Models

TYPE T 11
ELEVEN INCH WHEELS
LIST PRICE \$28.75

TYPE T 14
FOURTEEN INCH WHEELS
LIST PRICE \$31.00

SPECIAL OFFER TO PROS AND CLUB BUYERS

SENT AS TRIAL OFFER
EXPRESS PREPAID

TWO T-14 — \$39.60

Two T-11 — \$38.10

ONE T-11 & ONE

T-14 — \$38.85

Patented
Automatic Golf Cart

1. Drop the handle — it folds.
2. Lift the handle — it opens.
3. Steel and aluminum construction.
4. No buttons, rods, legs or arms to push or pull. No thumb screws, wing nuts, ratchets to twist, adjust or keep tight.
5. It stands erect either closed or open. Type T 14 folds to thirteen and a half inches. Type T 11 folds to ten and one quarter inches.
6. Compensated shock-absorbing, with flexible body torsion to eliminate jars and jolts.

—PATENTED— *Kaddie Kart*

THE RENTAL KART



**BUY
DIRECT
FROM
FACTORY**

**NO
MIDDLE
MAN**

The strongest most serviceable Kart made. Interchangeable parts, low upkeep. Balances any weight bag without adjustment. Strong steel construction. Large 14-inch wheels or 11-inch wheels, ball bearings factory packed for five years' service. Two axle widths. Demountable axles, frames, handles. Immediate delivery. Write for information.

NEW LOW PRICES — ORDER NOW

GOLF CART SUPPLY — CHAMBERLIN METAL PRODUCTS
1466 W. Madison Street, 2nd floor, Chicago 7, Illinois

Please ship _____ Kolapsi Karts _____ Type T-14 \$39.60 _____ Type T-11 \$38.10
Enclose \$ _____

☐ Please send information and wholesale prices on ☐ Kolapsi Karts for resale

☐ Kaddie Karts for rental fleet. We are interested in buying _____ leasing _____

Name _____ City & State _____

Address _____

Club _____ Position _____



Large attendance at the Texas-Okla. Turf Conference in November attests to the fine progress made in short time by the two state groups since joining forces for the comparative study of common problems and the development of maintenance practices of mutual interest to each. The '49 meeting was unusual in interest shown and participation by officials present.

Texas-Okla. Turf Conference Sets New High in Interest

By JOHN R. HENRY

The annual joint Texas-Oklahoma Turf Associations' meeting, Tulsa Hotel, Nov. 28-30 drew 150 greenkeepers, pros, club officials and turf supply men, many from remote distances beyond the host states. Its interest, information and discussions marked it as the most progressive joint meeting in years. Fred Grau, USGA Greens director, O. J. Noer and Howard Sprague, Tex. Research director, spearheaded the talks and handled the question and answer sessions, with the active co-operation of other turf experts, including agronomists from Tex. A&M College and Okla. A&M College.

Following the welcome by pres. C. I. Pontius of U. of Texas, Marion Askew, vp, Okla. PGA, served as chairman the first day introducing Ralph Plummer, Ft. Worth golf architect, who spoke on the construction of bent grass greens. Plummer stressed the importance of ample drainage and soil of good physical properties that would not puddle or become sod-bound. Prof. R. C. Potts, Tex. A&M, told of 100 different strains, collected by A. W. Crain of their agronomy department, now growing in turf plots at College Station, Tex. From greens and fairways throughout the state samples of fine-textured Bermuda were planted in two plots of each

strain. One plot was mowed at fairway height, the other at green height. From these plots they hope to develop a fine-texture Bermuda that will not become grainy or coarse in the fall. It is difficult to distinguish some of the more promising strains from bent. Tifton 57 Bermuda and Zoysia japonica also are under extensive experiment.

Dr. H. F. Murphy, agronomy dept., Okla. A&M, reported considerable work at Stillwater on bent and blue-grass strains and the study of physical properties of soil working toward an ideal mixture for bent grass greens. Biss Garman, Okla. A&M agronomist also collected about 100 grass samples throughout Okla., which now are under observation in field plots pointing toward selection of most promising plants for use in producing seed for commercial use.

Sterilizing Soil for Weed Control

Prof. W. C. Elder, agronomist, Okla. A&M, discussed soil sterilization for weed control, mentioning table salt, sodium arsenite and borax as permanent sterilizing agents that keep soil void of plant growth. They put a high concentration of mineral salts in the soil making it impossible for the plant roots to absorb sufficient water

to support plant life and inhibit germination of seed. Their common use is in traps, around fences, etc. where vegetation is not wanted.

(Editor's Note: Complete report of Texas-Okla. Conference by John Henry will be continued in February issue.)

PGA RAISES DUES

(Continued from page 27)

showing the sound, high standard of golf instruction available from first class home club pros. Palmer and Snead exhibited classic form which Smith analyzed.

Snead told of starting cross-handed and being slapped out of that by an older brother. Sam said he didn't get much of an early chance to fashion his style on the stars but when he began to get around he learned quick.

He said he'd had a lot of trouble early getting the ball up into the air. He had to use a spoon off the tee. He learned the right way by addressing the ball with the clubface in position he wanted it at impact, then lifting the club straight up in front of him, cocking his wrists so the shaft fell back over his head, and then making his body turn. By noting how his wrists were then at the top of the backswing he discovered that faulty wrist action due to a bad grip had been the

For Players Who Demand
The VERY FINEST . . .

King's Custom made WOODS

Master Craftsmanship, Superb Designing and the non-chip, no-crack, everlasting (varnish) finish . . . plus the fact that they are handmade to the player's personal requirements, make these America's finest Golf Woods.

We offer GOLF PRIDE "rubber and cork" grips on your new "Kings" or to replace your old grips. Delivery 48 hours.

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SHREVEPORT, LOUISIANA

Tiger Cushion

ALL RUBBER "SPIKE TRAFFIC" FLOORING

- 1 — Will not buckle, shred, or blister.
- 2 — Available in long slabs up to 35 ft. and in widths up to 5 feet.
- 3 — Lays of own weight over any type of floor, without bonderizing.
- 4 — Durable, long in life — easily cleaned with soap and water mopping. No waxing required.

5 — SPECIFICATIONS:

Weight: 2 lbs. Sq. Ft. — 5/16" (Gauge)

" 2 1/2 lbs. Sq. Ft. — 3/8" (Gauge)

Colors: Grey, Green, Terra Cotta.

Cut to your specifications, bevelled or straight edges.

Freight prepaid (U.S.A.)

Write For Circular and Prices.

INDUSTRIAL CELLULOSE PRODUCTS, INC.
TIGER CUSHION DIVISION

271 Madison Avenue

New York 16, N. Y.

cause of his inability to hit the ball correctly.

Sam said his arms are abnormally long for a man of his 5-10½ height. He attributed high position of his hands at the top of the backswing to his long arms. He said he gets more distance by getting more "kick" with his right foot into his downswing. He remarked that he, Hogan and Craig Wood seemed to be fellows

who'd favored leg work. He also said that he used his back muscles in hitting. Just how, he confessed he didn't know. In 1937 on the winter tour he recalled that he finished 6th in the LA Open and the boys told him to "do a little more of this and a little less of that," but he didn't understand what they were talking about and thought, with sixth money in his pockets, he would keep at it the way



California superintendents and chairmen meet with University of California (Los Angeles) scientists at UCLA turf experiment station where first year of research inaugurated and mainly financed by golf interests, has resulted in significant findings.

1950 Turf Conferences

Jan. 2—Start of 20th Annual Ten-Weeks Winter School of Turf Management, University of Mass., Amherst, Mass. (Geoffry Cornish)

Jan. 12, 13—Annual Turf Conference, Mid-Atlantic Assn. of Greenkeepers, Lord Baltimore Hotel, Baltimore, Md. (Ernest N. Cory, University of Maryland, College Park, Md.)

Jan. 20—Annual meeting, Indiana Golf Course Supts. Assn., CC of Indianapolis.

Jan. 30 - Feb. 3—19th Annual One Week Turf Short Course, Rutgers University, New Brunswick, New Jersey. (Tentative)

Feb. 6-10—21st Annual Turf Conference and Show, National Greenkeeping Supts. Association, Hotel Statler, Boston, Mass.

Feb. 27 - Mar. 2—19th Annual Turf Conference, Pennsylvania State College, State College, Pa.

Mar. 6-8—Midwest Regional Turf Conference, Purdue Univ., Lafayette, Ind.

Mar. 8-10—Annual Turf Conference, Minnesota Greenkeepers Assn., Hotel Lowry, St. Paul

Mar. 10-11—Annual Turf Conference (Concluding 10 Weeks Winter School), Univ. of Massachusetts, Amherst, Mass.

Mar. 13-15—16th Annual Greenkeepers Short Course, Iowa State College, Ames, Iowa.

Mar. 15-17—Third Annual Turf Conference, Cornell University, Ithaca, N.Y.

Oct. 16-17—Third Annual Turf Field Day, Plant Industry Station, Beltsville, Md.

he was playing which he defined as "the most simplest way" he knew.

Snead said that when fellows blow-up in tournaments it's because they become victims of experimental and interrupting mannerisms and lose their concentration. Sam's "concentration," he explained, consists of not thinking. He advocated a finger and palm grip with fingers of the left hand in control. Too much grip in the fingers, he warned, would diminish power.

He credited Victor East with improving his putting by changing him from being a wrist putter to an arm and wrist putter and said that Vic Ghezzi also had helped him acquire his present profitable putting method. Ghezzi told him to think about keeping the putt on the line for the first 3 inches. The Lord would take care of the rest.

"Scotty" Fessenden presided at the annual President's dinner at which Joe Novak presented Snead with the PGA's "Golfer of the Year" plaque. Samuel Jackson accepted with a very entertaining recital of high spots of his career. Bob White, first president of the PGA, George Jacobus and Ed Dudley, former presidents, and others spoke during a lively evening which concluded with showing of the Spalding "Famous Fairways," Western GA "Honor Caddie" and "Legend of the Masters" films.

Richard Tufts, USGA director and Pinehurst, Inc., president, entertained convention delegates and guests at a dinner at Pinehurst CC following the convention. Preceding the dinner Bob Harlow, publisher of Golf World and the Pinehurst Outlook, was host at a cocktail party.

NEWS from the MANUFACTURERS

Spalding Has Junior Woods and Irons "just like Dad's"!



"As the twig bends so grows the tree" . . . and Spalding had this in mind when they designed a set of woods and irons just for "Junior". They've shorter shafts and are lighter in weight and look "just like Dad's". An added opportunity for increased pro shop sales in 1950.

WEST POINT HAS NEW GREEN-LAWN POWER AERIFIER

West Point Lawn Products, West Point, Pa., announces a new self-powered Aerifier which is convenient to use on small turf areas, easy to handle in limited space, and powerful enough to use on slopes. Principal characteristics of the larger F-G Aeri-

"HENRY" GOLF BALL WASHERS

An 11 year record of carefree service proves the popularity of its practical design and the lasting qualities of its sturdy construction

HEAVY GAUGE, UNBREAKABLE PRESSED STEEL, RUST PROOFED

SLOP-PROOF: saves players' clothes and tempers . . . **SAVES TIME:** it's quicker, more thorough and easier . . . **SAVES COVER PAINT:** it has no scouring bristle brushes . . . **SAVES REPLACEMENTS:** its cleaning units do not rot or warp and its cleaning chamber is rust-proofed pressed steel.

Quick - Trim - Tidy - Easily drained and refilled.

Allen Set Screws make them theft proof.

**A. C. SCHENDEL, Distributor
HENRY GOLF BALL WASHER
WAUKESHA 5, WISCONSIN**

BALL WASHER \$12.75

Tee Data Plate, \$ 1.25

Waste Cont'n'r. \$ 2.35

HENRY TEE ENSEMBLE
with Ball Washer, Tee
Data Plate and Waste
Container\$16.35

Send score card when
ordering Tee Data Plates.

**PRICES F. O. B.
Waukesha 5, Wis.**



GRASS SEED of "Known Quality"

Tested for Purity and Germination

We offer the best of turf producing grasses and mixtures.

Send for our 1950 Price List on Seeds, Fertilizers, Insecticides, and golf course supplies.

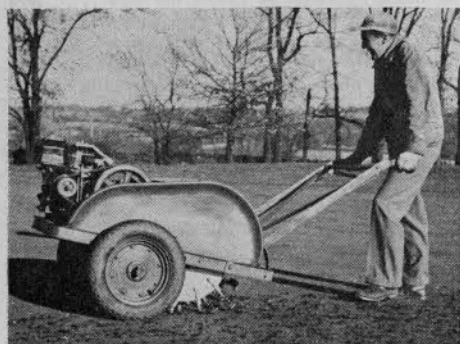
Stumpp & Walter

132 Church Street

New York 8, N. Y.

fier have been incorporated in the compact, easy-to-handle Green-Lawn Power Model. It has the same cultivating action, deep penetration and rapid operation without tractor-wheel marking of close-cut turf.

The G-L power unit has five 18-inch diameter discs with 12 half inch spoons on each disc and cultivates a swatch 20" wide. Cultivation depth is adjustable. It is



equipped with pneumatic tires, a 2½ h.p. Briggs and Stratton engine with finger-tip clutch control and easy speed adjustment.

Use
WEEDANOL
2, 4-D Preparation
For Lowest Cost Weed Control
Ask Your Dealer
ASSOCIATED CHEMISTS, INC.
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TIM O'BRIEN LINES UP WITH THE HAGEN BOYS

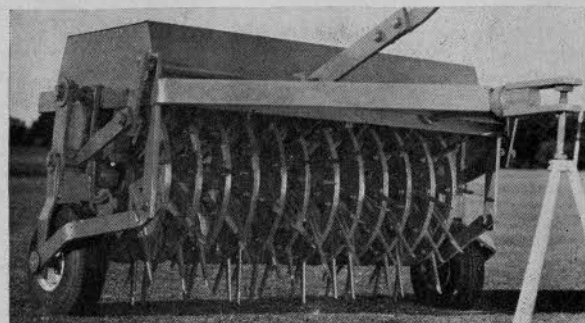


Tim O'Brien

Thomas B. (Tim) O'Brien, widely known golf sales veteran, has joined the Walter Hagen Division of Wilson Sporting Goods Co. A graduate of Panzer College of Physical Education in New Jersey, O'Brien has been closely associated with athletics all his life. He excelled at basketball and later coached the game in girls' and boys' camps and up through the industrial ranks. Tim

joined the Kroydon Co. as salesman in 1926. Later he became Kroydon's assistant general sales manager and after the war was appointed Midwest manager. Tim's territory for the Hagen Co. will include Illinois and Wisconsin, but he will concentrate on the Chicago Metropolitan area.

PERRY'S Greens Spiker for Better Turf



An indispensable implement especially designed for properly loosening and aerifying soil to encourage abundant, healthy turf development and watering efficiency. In every four sq. ft. 144 hollow iron spoons remove ¾" plugs of compacted soil to an adjustable depth up to 4 inches, without injury to turf. Easily transported on tractor drawn rubber tires with lift bar handy for operation from driver's seat. An essential in planning your turf improvement.

Write for illustrated descriptive folder.

(PAT. APP. FOR)

PERRY'S GREEN SPIKER

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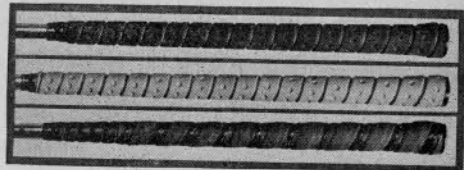
CONFIDENT LOU



Lou Coleman, A. G. Spalding & Bros., sales V.P., looks over first copy of Spalding's new statement of manufacturing and selling policy. Confidence in product, distribution policies and marketing appeal keynote the statement.

CSI SALES OFFER NEW GOODWIN FLANGE-WRAP GOLF GRIP

Bidding for pro sales this year will be the new Goodwin Grip developed and produced by The Goodyear Tire and Rubber Co., and sold thru CSI Sales Co., 536



Terminal Tower, Cleveland, O. Made of rubber, the Goodwin Grip has a soft suede feel that cushions the hands while effecting a firm but relaxed union with the club. It comes in various colors and its flange design permits variation of grooving in wrapping. Nature of grip compound gives firm gripping in wet or dry weather, does

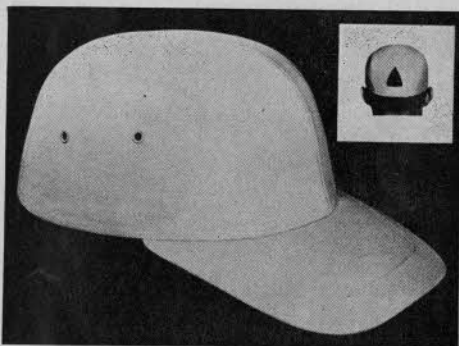
not deteriorate with age and "plays" equally well in cold or hot weather. Particulars and prices from CSI Sales Co.

JOE WORRELL, MacGREGOR SALES REP.

The appointment of Joe Worrell as sales representative in North and South Carolina and Virginia with headquarters in Charlotte, N.C. has been announced by Henry P. Cowen, Pres., MacGregor Golf Co. Worrell, well known among golf circles in the Southeastern states, turned professional in 1938 as ass't. pro at the Municipal GC in Charlotte. Following service in the Army Air Force he worked at Langley Field GC in 1945, Charlotte CC in 1946-47 and then became ass't. to John Kelley at Ocean View CC, Norfolk, Va. Joe is a member of the PGA.

THE NEW CONGO CAP

The new Congo Cap for young and old, male or female. This latest addition to the Congo line of sunshine headwear is neat in tailoring and smartness . . . is made large and small with an elastic back (as shown) to give a full range of sizes, in broadcloth with Texon visor and

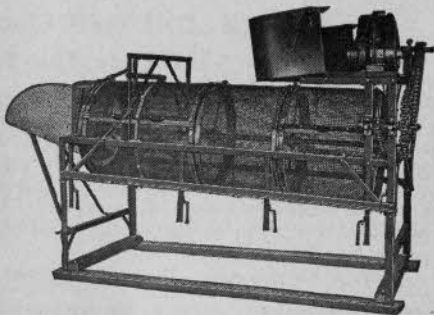


comes in white and pastel shades of tan, blue, red, and green; one dozen to the box in solid or assorted colors. It is made by The Brearley Company, Rockford, Ill.

ROTARY SOIL MACHINE

MIXES and SCREENS
BETTER PREPARED SOIL
write for bulletin

F. S. CONVERSE CO., INC.
Manufacturers
JOHNSON CITY, NEW YORK



ALLIED BRITISH PRODUCTS, NEW DISTRIBUTOR FOR NORTH BRITISH

Graham Johnston, Pres., Allied British Products, Inc., announces his newly formed company has been appointed sole distributor in the United States of North British products. The company is also U.S. Agent for Pelwear Limited, makers of Pelwear golf windbreakers and James Ince, manufacturers of golf umbrellas.

SCOGGINS GOLF COMPANY OPENS NEW SAMPLE ROOMS AT DUNEDIN, FLA.

A. Dunner of Dunner Shirt Co., New York, flew to Dunedin, home of the National PGA GC, to cut the ribbon opening the modern sample rooms of the recently completed new headquarters of the Howard Scoggins Golf Co. The ceremony, held Dec. 15, was attended by the entire personnel of the Scoggins organization



with one exception; Charlie Cross, New York rep. was kept home by illness. Pro confidence in golf's 1950 outlook was reflected in a substantially expanded Scoggins display of merchandise for the coming year.

DEATH TAKES WARD HILLERICH



Ward Hillerich

Ward Alexander Hillerich, president of Hillerich & Bradsby Co., makers of the famous Louisville Slugger bat, died at 11 A.M. on Sunday, November 27, at the Baptist Hospital in Louisville, Kentucky. Mr. Hillerich, who was forty-four years of age, had been in ill health since January, but had been active right up to

the time of his death. Death came to him almost three years to the day after the passing of his father, J. A. "Bud" Hillerich, who died November 28, 1946. It was the father who turned the first Louisville Slugger bat in 1884.

After starring for several years as halfback on Louisville Male High School's football team, young Hillerich entered Notre Dame University at the time when Knute Rockne's squad included the Four Horsemen. An injury in scrimmage cut short Hillerich's football career, but while at Notre Dame he was captain of the golf team.

Entering the employ of the Hillerich & Bradsby Company in 1926, Mr. Hillerich spent two years in the company's golf and bat factories. When the company launched its Louisville Power Bilt line of golf clubs for sale through recognized golf professionals only, young Hillerich served as sales manager. In 1937 he became assistant to John T. Rodgers, who in that year succeeded Frank W. Bradsby as secretary-treasurer and general manager of the firm. Upon the passing of Mr. Rodgers in 1945, Ward became executive vice president, which office he held until the passing of his father. He was a director of the Athletic Institute and a member of its executive committee.

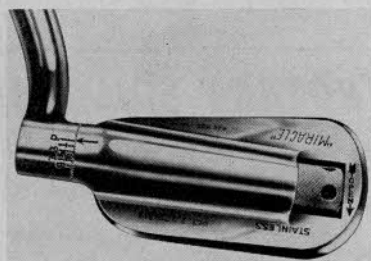
THE NEW "MIRACLE"

The ALL - IN - ONE Golf Club
For EVERY SHOT In The Bag!

A master, pro-tested club with perfect swinging balance in its stainless steel head of latest compact design. Instantly, accurately and positively locked to any position from No. 1 iron to No. 9 niblick, and putter. Employing nationally known Kush-Lite grip and Heddon tubular step down shaft, it is precision machined to withstand continuous power shocks. A handy "extra" for every bag.

Write for literature — Usual Pro discount.
\$19.95

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Ideal for beginners until they are ready for pro-fitted sets — and for travelers. Available for left handers, too.