

Nothing Patented in Looking at and Analyzing Swing

(Continued from page 22)

occupation with hand action is advanced by John Walsh, the shopmaster at Joliet (Ill.) CC. Walsh says that he closely studies the pupil's actions at the very start of the backswing because success or failure largely hinges on the way the club is taken away. "If this part of the swing is properly handled," says Walsh, "everything else will pretty well fall into line. Footwork, the pivot and the follow-through actually aren't too hard to teach, even to the most unathletic individuals, because all of these things are a kind of outgrowth of the backswing. Some people may not be as graceful in performing them as others, but nevertheless you can get 99 out of 100 golfers to do a pretty fair job of completing the swing after it is properly started.

Emphasizes Good Start

"So," continues Walsh, "I keep asking the pupil to take the club back until I am reasonably sure that he understands that it should be done with both the hands and arms and in what we call 'the one-piece motion.' In addition, I ask him to make a conscious effort to keep the left arm straight so that the club will be swung back on a straight line. If he can do this, there usually isn't too much of a problem with footwork and the pivot unless the pupil is unusually awkward. That isn't to say, though, that we may not have to work to refine his footwork, pivot and overall balance and get him to pause at the top. But with that good start, the pupil won't be breaking the wrists too soon, he'll stay down over the ball and he won't sway."

Al F. Beister of the Fremont (Neb.) GC gives more attention to the top of the backswing than any other part because as he says "it is there that you become aware of the impending downswing and hit." Beister states that he not only tries to determine if the clubface is open or closed, but looks to see if the left arm is straight, and where the clubhead is in relation to the pupil's head and shoulders. He adds, incidentally, that it is wise to take several and not just a few looks at the pupil at the top of the swing before attempting any adjustments. "The idea," says Al, "is that flaws that sometimes appear to be there aren't always there. Don't always be too hasty in trying to make corrections."

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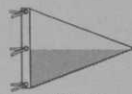
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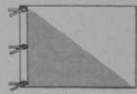
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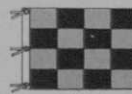
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Check for Tension

Like any good teacher, the Fremont pro doesn't judge the swing merely in what he sees at the summit. "I like to take a good look at the student at address," he points out. "The more I teach the more I realize that the pro should show more patience in checking the grip, alignment of the shaft at address, weight distribution and posture. One thing that probably all of us neglect, possibly more than 50 per cent of the time, is to check the student for tension when he is standing in front of the ball."

Gus Salerno, pro at Hampshire CC in Mamaroneck, N. Y., who qualified for the 1961 USGA Open, concentrates on three phases of the swing: the start; the start of the downswing; and impact. He finds that the average or poor player snatches the club away in the upswing; throws the club from the top; and, coming into the hit, turns over the face, causing it to close. He feels that the latter is due to too loose a grip. Accordingly, he works with his pupils to first learn to drag, and then swing, the club away from the ball; tries to get them to turn the body and then pull the club from the top; and, finally, to swing through the ball with a straight left arm and a firm hold on the club.

Move Around to Watch Swing

As for the best position from which to view the swing, the pros cited here generally feel that they see more by standing directly in front of the ball and player and then moving to their left to a position behind the player's right shoulder or diagonally opposite his right foot. Harvey Bunn more or less reverses this order by starting opposite the right foot, moving in front of the golfer and then viewing his swing from a spot behind his right shoulder. Most pros prefer to stand about five or six feet from the student, although Al Beister prefers to make his observations from a distance of about 10 feet.

While the above are accepted as the preferable positions from which to study the swing, it may not be a bad idea, as George Aulbach suggests, to occasionally ask the pupil where he thinks the pro should stand. This didn't occur to George until one day when one of his students requested that George get completely to his rear and study his swing. It seems that when Aulbach stood in front of him it made the fellow feel self-conscious and it also didn't help his concentration.

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Cresline's Plastic Pipe Guide

A "Plastic Pipe Selection Guide," recently issued by Crescent Plastics, Inc., Evansville, Ind., contains basic information on five types of Cresline plastic pipe and their 15 variations. The guide points out that three main things influence selection of pipe: type of fluid used; at what pressure; and at what temperature. The guide contains a chemical resistance chart in which resistance to 175 different chemicals is shown for each type of Cresline pipe.

Larchmont Devises Way of Fertilizing with Irrigation

Larchmont Engineering, Lexington, Mass., has devised a method of fertilizing through its irrigation system. It works like this: Sprayer or injector is set to the line and feeding is through the pump intake; Amount of fertilizer needed is determined and put into the tank or vat; The watering system is started with the controller set, either manually or automatically so that the entire course is covered in a pre-set length of time. Advantages of the system are said to be: uniform application, no waste of fertilizer; elimination of odor and time and labor savings.

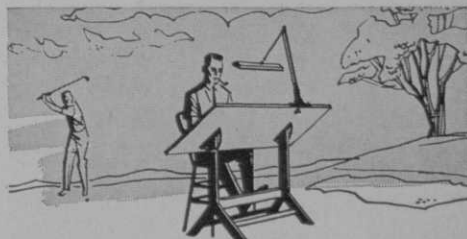
Glissman with Turf Equipment

Harold Glissman of Omaha, Neb., has joined the sales staff of Turf Equipment, Inc., 7746 Wornall rd., Kansas City 14, Mo. He will represent the firm in Iowa and Neb.

Ford Tractor Booklet

Industrial Sales div. of Ford Tractor & Implement div., Birmingham, Mich., is distributing an illustrated color booklet for landscape work. Running to 16 pages, very little text matter is contained in the booklet which tells its story in illustrations. Use of Ford tractors and equipment in sub-surface work, removal of surplus, rough grading and leveling and tiling is shown.

Buyers' Service ● P. 95
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Chamberlin Gets Award in Michigan Promotion Week

Chamberlin Metal Products Co., Frankfort, Mich., which makes the Ko-lap-si Kart and Kad-die Kart, was named a regional winner in the



"Product of the Year" competition held as a part of a statewide Michigan Week promotion. Chamberlin's display centered around relocation of the company's manufacturing facilities and sales office in Frankfort and was done in four-color plexiglass panels lighted by neon tubing.

Crescent Expands Plant

Crescent Plastics, Inc., Evansville, Ind., has completed a 29,000 sq. ft. expansion of its factory and office and now has a total of more than 125,000 sq. ft. Under the trade name of Cresline, the firm manufactures and markets plastic pipe, electrical conduit and drain and sewer pipe. It has sold 19,000 miles of plastic pipe since going in business 12 years ago.

For Watering Unattended Areas

Febco, Inc., 1993 Blake ave., Los Angeles 39, is marketing a compact, fully automatic controller for watering unattended small or isolated areas. Known as the E-1, it is built for automatic operation on a single Febco hydraulically actuated valve. It can be set up on a prearranged 7-day program.

Great Lakes Sales Reps

Great Lakes Golf Ball Co., 4527 Southwest Hwy, Oak Lawn, Ill., recently hired a new sales rep, Ron Gудie. He works out of LaCrosse, Wis., and covers Northern Wis., Ia., Neb., the Dakotas and Minn. Bill Buehrer now covers Northern Ill., Southern Wis., Ind., and Western Ky. Ira Malbrough, Jr., now covers Central and Southern Ill., St. Louis and part of Mich.

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R. S. Owens Builds New Plant

R. S. Owens Trophy Mfg. Co. has broken ground for a 30,000 sq. ft. factory at 5535 N. Lynch in Chicago. Being constructed on one level, the plant will offer high speed facilities for stock handling, production and shipping. Owens manufactures trophies and custom awards for advertising specialty firms.

Landreth Engineering Introduces Club Car

A lightweight aluminum golf car that operates 100 holes or more without a recharge is being introduced by Landreth Engineering Co., 6516



Winfee, PO Box 12494, Houston, Tex. Called the Club Car, it weighs 650 lbs. and, according to the manufacturer, can be used on rain soaked

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There was a special bonus check from A. G. Spalding & Bros. for Gene Littler (right) for winning the National Open. He is shown receiving it from George Dawson, a company official. Littler is a Spalding consultant.

courses. It has welded all-aluminum construction, sealed transmission and comes in a variety of fibreglas colors. Other features: no front end obstructions; upright bag rack, thick foam rubber seats and optional sunshade roof. A single floor pedal controls the four forward and reverse speeds.

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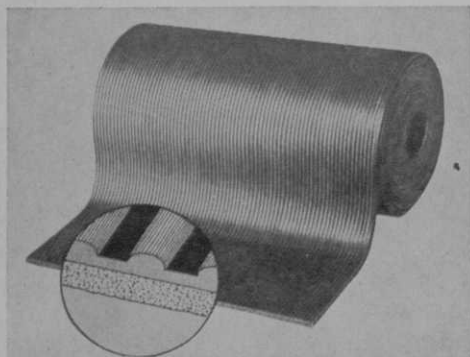
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Cuts Down on Fatigue, Noise

American Comfort cushion is a new fatigue runner matting produced by American Mat Corp., 1802 Adams st., Toledo 2, O. It has a



corrugated rubber top surface and sponge base. Besides lessening fatigue, it has excellent sound absorbing qualities. Black, it is 36 ins. wide, 1/4 in. thick and comes in rolls up to 60 ft. long. Catalog sheets and prices can be obtained from American Mat.

Buyers' Service • P. 95

**Uptegraff National Service
Manager for Powered Products**

Powered Products Companies, manufacturers of Caddy Car golf car and Carry All commercial vehicles, have appointed Kenneth Uptegraff national service mgr. This is a new position with the firms which have plants and offices in Rothbury, Mich. and Austin, Tex. Uptegraff has both aircraft and aircraft engine mechanics licenses and from 1952 until 1959 was pres. of a marine accessories firm. He served in World War II as a flight engineer.



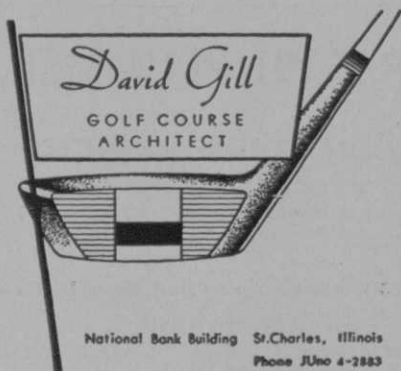
**B. J. Jordan Firm Markets
Sewn Paper Slippers**

B. J. Jordan & Co., 64 E. 8th st., New York, produces two new stretch construction, sewn paper slippers. One is a lightweight number, waxed for water repellence, at about 1 1/2 cents a pair, and the second is a heavyweight slipper that has unusual 'wet strength' all the way through.

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Chichi Signs with Spalding

Juan (Chichi) Rodriguez, the 116-lb. Puerto Rico pro, well known to Masters galleries, has signed as a Spalding consultant. He represents Dorado Beach GC and has learned most of his golf from Ed Dudley, the pro there and former Augusta National shopmaster. Rodriguez plans to play the circuit steadily for the next two years. His best showing came in the 1960 Eastern Open when he finished fourth.

Eaton Gives Shoe Fitting Tips

A recent issue of the "Golf Sales Builder & News," published by Etonic (Charles A. Eaton Co., Brockton, Mass.), redefined the company's policy on sales of shoes for personal use of the pro and contained several tips on fitting. Three main fitting hints, according to Eaton, cover the use of the Ritz Stick or Brannock Trap, heel-to-ball measurement, and the proper checking of laces.

Tru-Grip Spray for Gloves, Etc.

Claro Laboratories, 419 W. Ewing ave., South Bend 14, Ind., has started marketing Tru-Grip for spraying on the fingers, glove or grip. It is said to be water- and dustproof and its action isn't affected by weather conditions. It is packaged in a 6-oz. aerosol can.

Many Uses at Golf Club for Dymo Mite Tapewriter

A hand embossing tool, made by Dymo Industries, Inc., 2725 Tenth st., Berkeley 10, Calif., offers on-the-spot production of raised letter/number finished labels. It is only necessary to dial the characters on the hand-held Dymo Mite



Tapewriter and then press a handle to emboss. A built-in cutoff blade does the cutting. Embossing dies give a sharp finish on vinyl tape which comes in a wide variety of colors and is self-sticking. Metal tapes also are available. According to the manufacturer, the Dymo Mite has wide application at a golf club — in the pro shop for marking bags, storage racks, etc. — and in the clubhouse or maintenance buildings for marking files, racks, electrical circuits, lockers, panels, meters, etc.

Classified Ads • P. 93

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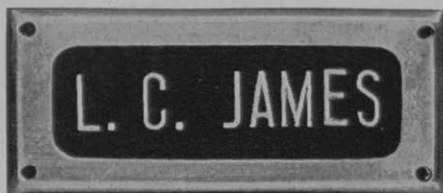
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**Smith of Worthington
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Robert F. Smith has been elected vp of Comptometer Corp., Chicago. He is pres. and genmgr. of Worthington Ball Co., Elyria, O., a Comptometer div., and will continue to direct all Worthington operations. Smith has been in the ball manufacturing business for 30 years and joined the Elyria firm in 1945 as general supt. of its plant. He has also served as a production engineer and factory manager during his career. Worthington was founded in 1905 and produces 12 million balls a year, including the official PGA ball. The firm was acquired by Comptometer last Nov.



Triangle from 1955 until 1958 in a p.r. capacity. In his new job he will handle public relations for Triangle in the Southeast and South and also start a sales program to acquaint course owners with the company's irrigation installations.

MacGregor Markets Glass Shaft Putter

Six models of the MacGregor Tru Glass shaft putter, said to be exactly controlled as to size, weight and flex, now are on the market. The shafts are colored to resemble golden hickory and will not break, tarnish, warp or rust, according to the manufacturer. The models are known as Deadeye, Hawk, Tommy Armour Iron Master, Falcon, Shark and Toney Penna.



**Bush Leaves Tequesta for
Position with Triangle**

Eddie Bush, former pro at Tequesta CC, Jupiter, Fla., has been named to a public relations position with Triangle Conduit & Cable Co., Inc., New Brunswick, N. J. Bush was with

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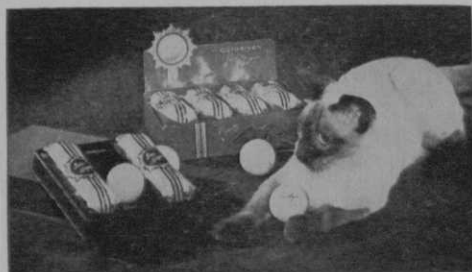
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the Hogan div. It features "flash reaction" inner construction which, according to the manufacturer, results in maximum speed almost in-



stantly. The ball also is said to recover its round shape in a split second following impact. The Hogan ball is available through pro shops only.

Display Creations' Manual Shows Pro Display Equipment

The latest merchandising manual of Display Creations, 1332 Broadway, Detroit 26, is available to pros who request it from that firm. It contains 16 pages of display equipment designed expressly for use in golf shops. Display Creations is represented by Ernie Sabayrac, Inc., Hialeah, Fla.

First Flight Hole-in-One Award

The offer of the First Flight Co.'s Midwest div., 8878 Ferris ave., Morton Grove, Ill., to award \$1,000 to anyone scoring a hole-in-one at Tberhart GC, Mishawaka, Ind., on National Golf Day (June 6) was taken up by Ellsworth



(L. to R.): Gordon Ramsey, First Flight's Midwest div. mgr. gives Ellsworth Templeton award while John Bobick, Eberhart pro, looks on.

Templeton. He scored his ace with First Flight steel power center ball on the 155 yd. 15th. Templeton also was awarded \$150 in merchandise from the Eberhart Park pro shop because he had registered in the company's Million Dollar hole-in-one contest.

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**Great Lakes Golf Ball Co.
Occupies New Quarters**

Great Lakes Golf Ball Co. is occupying new quarters at 4527 Southwest Hwy, Oak Lawn, Ill. The new building has 18,000 sq. ft. of



ground level floor space and a partial second floor covering more than 4,000 sq. ft. In addition to a large loading dock there are parking lots on two sides of the building. The spacious show room is air conditioned. Great Lakes formerly was located at 6641 S. Western ave. in Chicago.

**Warren's Turf Nursery Working
on Turfgrass Research**

Warren's Turf Nursery, Palos Park, Ill., has established a research dept. to develop more

satisfactory turfgrass, according to Ben Warren, supervisor of the project. The dept. consists of greenhouses, large test plots and a lab and emphasis is on finding ways to make grass more disease- and insect resistant, and to give it more growing power under shade conditions. Already, the Warren firm has developed some new strains of common Kentucky bluegrass. Efforts also are being made to find new and stronger varieties of Merion, creeping bent, Meyer zoysia and fescues. In addition to its nursery in Palos Park, Warren has outlets in Huntley, Ill. and Baroda, Mich.

**Disappearing Hose Inspires
Fertilizer Drill**

Eynon-Dakin Co., 9900 Freeland ave., Detroit 27, has developed a self-drilling root feeder and fertilizing tool which, it is said, drills into the soil at a rate of up to 4 ft. a minute. Built with jet nozzles, the driller doesn't require hand pressure, even in clay. It is marketed under the trademark of Edco Water Drill. The drill opens a one-inch dia. hole in the soil and after it is withdrawn, a charge of fertilizer can be inserted. Roots of shrubs and trees can be saturated through use of the tool. The idea for the device came from the mysterious hoses that

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