

irrigation, ball mark repair, cup changing techniques, minimizing traffic damage.

\*Fifth and Sixth Assemblies run concurrently.

#### SIXTH

##### EDUCATIONAL ASSEMBLY

Thursday, February 22, 1968

Morning Session 9:00-11:45 A.M.  
"Irrigation clinic"

Chairman: Herman R. Johnson, GCSAA director, co-chairman Educational Committee, and superintendent, Quail Creek Golf and Country Club, Oklahoma City, Oklahoma.

"Primary considerations," Do you need to irrigate? Do you have enough water to irrigate? Dr. A. W. Marsh, extension irrigation and soils specialist, University of California, Riverside, California.

"What kind of system does my course need? (a check list), R. R. Abernathy, Telsco Industries (Weather-Matic), Dallas, Texas.

"Primary Decisions" What is my responsibility to the club in relation to the system plans and installation? Who designs and installs the system? What qualifications must the designer and installer have? Would automation be economical on my course? Don A. Hogan, D. A. Hogan and Associates, engineers, Seattle, Washington.

#### "Cost analysis"

1. Southwest—Major Fred Bove, superintendent, Brentwood Country Club, Van Nuys, California.

2. North—Jerry Murphy, superintendent, Somerset Country Club, St. Paul, Minnesota.

3. West—Edmer Easley, superintendent, Wichita Country Club, Wichita, Kansas.

"Questions and Answers," Panel—(all morning session speakers).

Afternoon Session 1:30-4:30 P.M.

"Sprinklers," James Robinson, General Sales Manager, Skinner Irrigation Company, Troy, Ohio  
"Pipe," A. W. Perry, Baton Rouge, Louisiana.

"Controls"

"Timers," Jack Nees, Moody Sprinkler Company, Arcadia California.

"Hydraulic valves and tubes," Jerry Rossiter, assistant to president, Buckner Industries, Inc., Fresno, California.

"Electric valves and wires," Ed Shoemaker, sales manager, Rainy Sprinkler Sales, Peoria, Illinois.

"Pump Stations," Dr. John F. Schrunck, irrigation consultant, Schrunck's Agricultural Service, Arvada, Colorado.

"Programming and maintenance," James M. Kaufman, marketing manager, Moist O'Matic Sprinkler Division, Toro Manufact-

uring Company, Minneapolis, Minnesota.

#### SEVENTH

##### EDUCATIONAL ASSEMBLY

Friday, February 23, 1968

9:00-11:30 A. M.

"What—another problem?"

Chairman: Richard Malpass, president, Northwest Turfgrass Association, secretary, Evergreen GCSA, superintendent, Shadow Hills Country Club, Eugene, Ore.

"Golf turf—good turf, weather or not!" Arthur F. Gustafson, Meteorologist-in-charge, San Francisco Weather Bureau.

"Rhizome initiation and development of kentucky bluegrass as influenced by variety, day length, and cold treatment," Dr. Lowell Moser, Ohio State University.

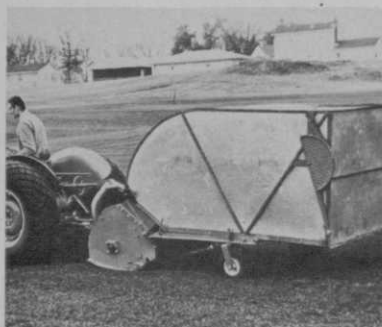
"Helicopter spraying"—tomorrow or today?" Mr. Charles Dupont, Clarke Outdoor Spraying Company, LaGrange, Illinois.

"Maintenance buildings that work For you," Oscar Miles, superintendent, Olympia Fields Country Club, Olympia Fields, Illinois.

Invitation to Miami Beach, Florida, 1969, by South Florida GCSA

Closing Remarks: Herman Johnson, co-chairman Educational Committee, director GCSAA, superintendent Quail Creek Country Club, Oklahoma City, Oklahoma.

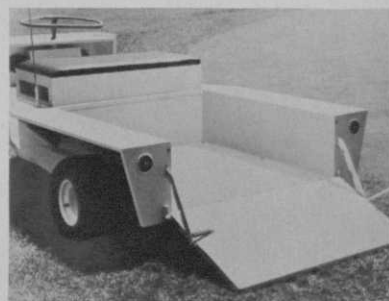
## NEW PRODUCTS



Ryan Equipment Company have announced their new Ryan Grounds Groomer (GG60-1). It prepares turf for overseeding, sweeps, picks up and deposits debris into its hopper. It uses the principle of free-swinging, high speed blades as a safety feature.



Bridgeport Implement Works, Inc. have disclosed their new Pixtone, the mechanical stonepicker. It is capable of picking stone from three-fourths inch up to a nine inch diameter to any controlled depth to four inches. Over-size stone can also be picked up with this new machine.



West Point Products Corporation has come out with its new Mini-Truck (R) grounds maintenance personnel/cargo carrier vehicle. It was designed specifically for grounds maintenance crews providing 16 cubic feet of cargo space. It features one-man ramp tail-gate loading.

## Highlights For Week of GCSAA Show

*Sunday, February 18*

4:00 P.M. Teakwood B  
Association Planning Committee meeting

6:00 P.M. Walnut Room  
Association Planning Committee reception and dinner

*Monday, February 19*

8:00 A.M. Walnut Room  
Quarter Century Club breakfast  
9-11:45 A.M. Continental Ballroom  
First Educational Assembly

11:45 A.M. Toyon Room  
Press and speakers reception  
12:30 P.M. Walnut Room  
Press and speakers luncheon

12:30 P.M. Teakwood B  
Chapter editors luncheon  
1-3:00 P.M. Continental Ballroom Parlor 9  
Advisory Committee meeting

1:30-4:30 P.M. Continental Ballroom Parlors 5 and 6  
Second Educational Assembly

6:30 P.M. Continental Ballroom  
Get acquainted party

*Tuesday, February 20*

8:00 A.M. Walnut Room  
Past president's breakfast

9:00 A.M.

Official opening of exhibits  
11:00-12:00 Noon Continental Ballroom Parlor 9

Delegates meeting  
12:00 Noon Continental Ballroom Parlor 7

Greens Chairman reception and luncheon  
2:00-4:00 P.M. Continental Ballroom Parlors 5 and 6

Third Educational Assembly  
3:00-5:00 P.M. Continental Ballroom Parlor 9

Advisory Committee meeting  
*Wednesday, February 21*

7:45 A.M. Continental Ballroom Parlor 7

Industrial Relations Committee breakfast

9:00-11:00 A.M. Continental Ballroom Parlor 5

Fourth Educational Assembly  
"Clinics"—Public course operators clinic

9:00-11:00 A.M. Continental Ballroom Parlor 6

Fourth Educational Assembly  
"Clinics"—Small engine clinic

11:30-12:30 P.M. Continental Ballroom Parlor 7

Delegates meeting  
12:00 Noon Continental Ballroom Parlor 8

Father, son and son-in-law luncheon

1:00 P.M. Continental Ballroom Parlors 5 and 6

Annual Meeting—Election of officers

*Thursday, February 22*

9:00-4:00 P.M. Continental Ballroom

\*Sixth Educational Assembly—Irrigation Clinic

9:00 A.M.-4:00 P.M.

\*Fifth Educational Assembly—"The Green"

\*Run concurrently

12:00 Noon Continental Ballroom Parlor 7

Chapter Secretaries luncheon  
7:00 P.M. Continental Ballroom  
Annual banquet

*Friday, February 23*

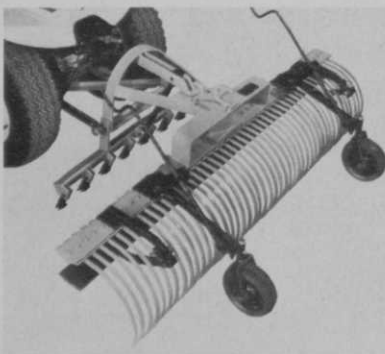
9:00 A.M.-11:30 A.M. Continental Ballroom

Seventh Educational Assembly

## NEW PRODUCTS



Roseman Mower Corporation has developed a new hydraulic transport Lo-Cut mower, designed primarily for mowing trees and collars or aprons around greens. The high speed, 10 blade reel gives a one-half inch frequency of cut, with a low setting height of three-eighths inch.



York Modern Corporation presented their new rake unit for category 'O' 3-point hitch tractors. The model RS combines a scarifying, blading and raking in one compact tractor-rake combination. It removes stones and debris and also spreads topsoil.



H. D. Hudson Manufacturing Company now has a tandem wheel set for power sprayers, designed to prevent wheel marks on the turf. The set distributes and spreads the weight of the sprayer over a wide area, thus carrying the load on top of the turf. The sets are available separately or as original equipment on either 100, 150 or 200 gallon sprayers or sprayer trailers.

*continued on page 30*

## FORE-PAR

First to give you personalized flags . . .

introduces TWO NEW ITEMS



Above: New Quick Change flag with "built-in" tubular swivel, instead of grommets, can be changed in 5 seconds.

1. Remove nut and old flag.

2. Slip on new flag, replace nut.

Aluminum collar, supplied by us, easily converts any flagpole for this smoothly rotating flag.



Right: This sturdily constructed aluminum and Reonite practice green marker gently ejects ball onto putting green surface when raised slightly.

Thirty-two exclusive, durable, color impregnated Reonite "Tee to Green" accessories also seen on the finest golf courses in the nation!

ELEGANCE & DURABILITY AT NO EXTRA COST

FORE-PAR will manufacture Tee Markers, Plaques, etc. to your OWN designs. Fully guaranteed.

Write for brochures & supplier's name.

**FORE-PAR Manufacturing Co.**

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Area Code 714 494-5282

Pat. & Reg. Applied for

## New products

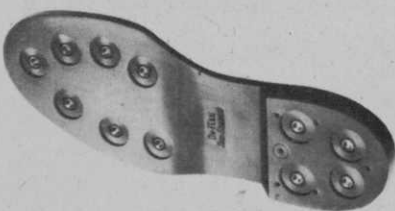
O.M. Scotts and Sons have a new turf aerator that pulls itself along by a 4 hp engine. It removes surface debris; opens turf for penetration of air, water and fertilizer, and slices matted turf.

For more information circle number 101 on card



Worthington Industries carry a golf club and ball cleaner, Golf Groom, which comes complete with a bracket that clips on to a golf bag or a belt. The patented polyurethane foam cleaner is filled with water and can be refilled as necessary. It comes in a plastic cylinder with an airtight removable cap. Retail price: \$1.00.

For more information circle number 102 on card



Avon Company has come out with the new Du-Flex Tru-Stance sole for golf shoes. The significant feature is the recessed, molded-in spike receptacles which allow the sole to lie level with the green. Only the spikes protrude and this helps to reduce damage to the golf greens.

For more information circle number 103 on card

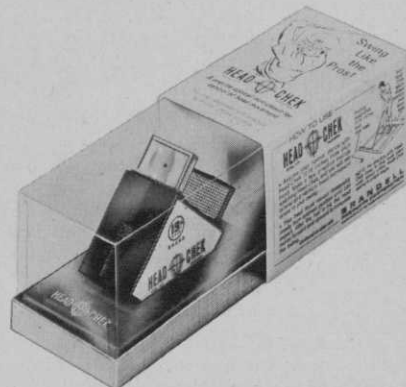


A.G. Spalding and Bros., Inc. offer along with each dozen Spalding Dot or executive golf balls full color reproductions of two antique golf prints on the two metal lids of the box. The interior of the package is a styrofoam 4-tray receptacle in a bronze finish.

For more information circle number 104 on card

Harbor Industries, Inc. is marketing a new hand-operated granular applicator. The Harbor Band Applicator is designed for application of herbicides. Any free-flowing granular material may be used in the applicator and band widths from 2-inches to broadcast widths of 8-feet can be applied. The applicator can also be used for pesticide and seed applications.

For more information circle number 105 on card



Brandell Products Corporation announce a new swing checking device, the "Head-Chek" model 1975. The \$3.00 item permits the golfer to check his swing for head and/or body movement. The Head-Chek case is of moulded plastic and can be carried in your pocket or golf bag. The display package carries complete instructions.

For more information circle number 106 on card



Allied Chemical Corporation manufactures Allied Chemical Engineered nylon carpet, designed especially for golf and country clubs. The A.C.E. carpet is heavyweight, deep, cut-pile construction available in eight space-dyed moresque tweed colorations.

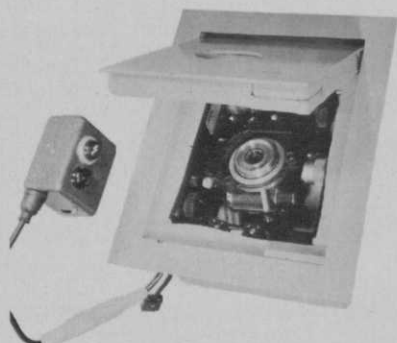
For more information circle number 107 on card

For more information circle number 169 on card



The Standard Products Company has a new floor mat in runner style called Smart Step Fineline. The runners come in 36" and 48" wide rolls. The company claims that they are not slippery when wet or dry.

For more information circle number 108 on card



Karl Heitz, Inc. has available the Robot burglar trap that automatically records photo sequences. The 35 mm built-in camera takes up to 50 exposures without winding. It can be concealed in a sound-proof wall safe and released by pushbutton or impulse such as the opening of a door.

For more information circle number 109 on card

Hinson Division of Royal Industries has a new line of golf bags featuring new styling by Chabica. The bags are available for both men and women in a choice of five color combinations with matching color head covers.

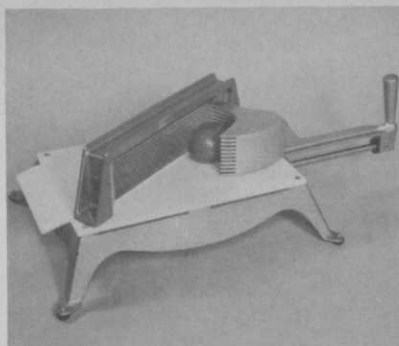


For more information circle number 110 on card



F.D. Kees Manufacturing Company has an improved model of the Kees 20-inch power rake HM-61C. The major improvement is a new front wheel height control, which in conjunction with the rear wheel control permits a full two-inch adjustment in the raking assembly.

For more information circle number 111 on card



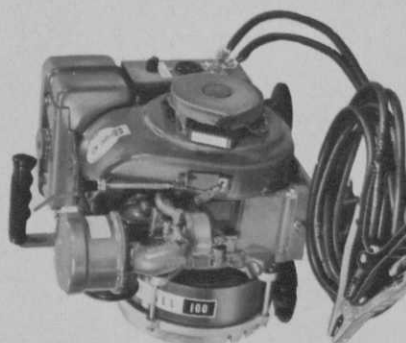
Walter Kidde and Company have designed the Tomato King slicer, useful for all soft food products. It comes in 3/16", 1/4", 3/8" or 1/2" sizes. It features a heavy aluminum frame and stainless cutting blades.

For more information circle number 112 on card



Craig Panorama, Inc., are manufacturing a closed circuit TV system which is composed of a video camera, a monitor-receiver and a video tape recorder. Two of its most important uses around a golf club are as a method for teaching golf and as a security control device for the club house.

For more information circle number 113 on card



Goodall Manufacturing Corporation has announced the Start-All 100 to their line of charging and boosting equipment. In addition, this new portable unit is a source of 110 volt DC power for running lights and power tools.

For more information circle number 114 on card  
continued on page 82



MODEL 100  
Front End  
Thatcher

Now! **RAKE**



MODEL 40  
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For more information circle number 134 on card

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For more information circle number 167 on card

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For more information circle number 186 on card

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For more information circle number 225 on card

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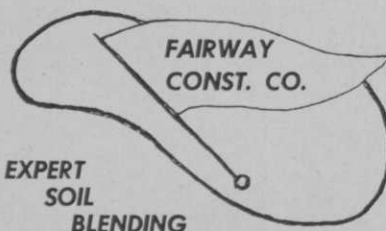
DANVILLE, ILL.  
217-442-2411

For more information circle number 211 on card

GOLF COURSE CONSTRUCTION

the **wadsworth** company  
VAN DYKE ROAD, PLAINFIELD, ILLINOIS 60544  
PHONE AREA CODE 815-436-6648

For more information circle number 223 on card



OLD OR NEW CONSTRUCTION (GREEN FAIRWAY IRRIGATION)

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For more information circle number 194 on card

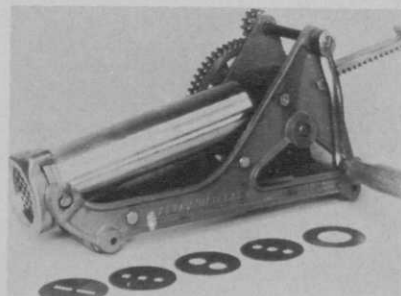
# New products

Continued



Bunn-O-Matic Corporation has the answer for serving coffee in big volume with their new electric coffee brewer, model HR. It has a twin three gallon capacity with single or double service in the front and back.

For more information circle number 115 on card



Scandinavian Import and Export Company are featuring their Sawa automatic cookiepress with 13 different designs. It comes with a cake decorating set and an attachment for fillings.

For more information circle number 116 on card

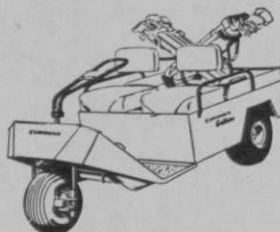


Lily-Tulip Cup Corporation has a complete line of food service products in matched patterns. They offer special imprinting of club graphics upon request. Included in their line are heavy duty plates that are plastic coated, particularly good for hot open sandwiches and other hot dishes.

For more information circle number 117 on card



**FAIRWAY TESTED**  
Gas and Electric  
**\$175.00 - \$595.00**  
and many more to choose from  
Come in today!  
**USED GOLF CARS**

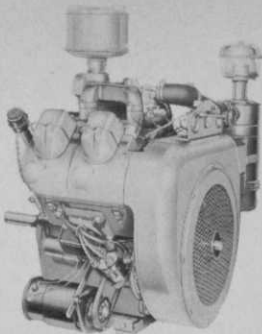


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For more information circle number 147 on card



**Wisconsin Motor Corporation** offers new 65.9-hp valve-in-head V-4 air-cooled gasoline engine. The new engine of model V-465D incorporates a cast iron crankcase and individually cast and removable aircraft style aluminum cylinder heads with precision-honed cylinders of nickel iron.

For more information circle number 118 on card



**Adamatic, Inc.** has a new modular warewashing concept which fits the needs of any food service operation. It is comprised of a four-stage dishwashing; continuous horizontal rack conveyor; waste disposal and shelving and tabling. They will give technical assistance on what type of operation your club would need and there is no charge for that service.

For more information circle number 119 on card



**Royal Paper Products, Inc.** are making paper chef's hats that will last from one to two weeks. They are available in sizes, 9", 10-1/2", 12" and 15" and fit any size head by adjusting the pressure-sensitive tape.

For more information circle number 120 on card

31 Madison Avenue, New York, New York, 685-5998  
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