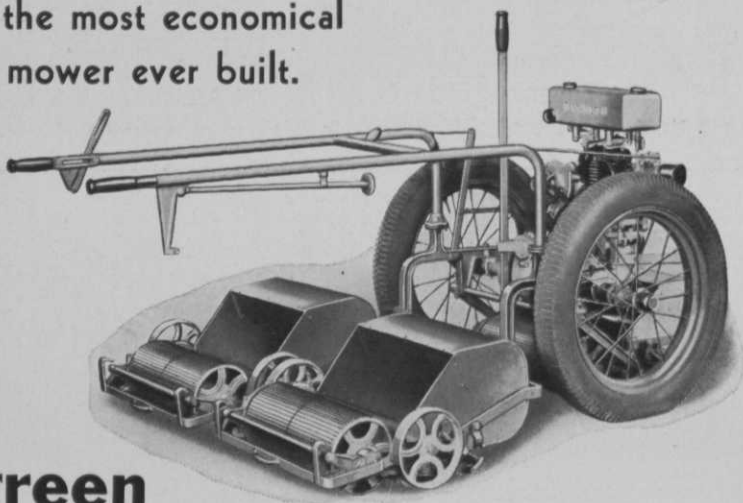


CUTS UP-KEEP!

Unquestionably...

this is the most economical
greens mower ever built.



The Scout Overgreen

Send for
catalog illustrating
and describing the
complete Worthington
line:

CONVERTIBLE MULTIGANG

7-unit fairway mower

The LAWN TRACTOR

The TRIPALAWN

SHAWNEE and SCOUT
hand mowers

ITS mowing smoothness—speed and ease of handling—operating economy and its general utility plainly mark it the outstanding greens mower of the present era.

Cuts 6,000 square feet in six minutes—Putting mowers quickly replaced by units for tee, approach, etc. work—Light weight, sturdy motor carriage saves time and labor in rolling, spiking and fertilizing.

Only the "Scout Overgreen" gives so wide a range of reliable performance. Here is "service value" that means decided savings to your maintenance budget... a 1933 value that urges your full investigation.

May we send you complete details?

WORTHINGTON MOWER COMPANY

Pioneers and Leaders in Golf Mowing Equipment
STROUDSBURG, PENNA.

WORTHINGTON

NEW YORK
4215 Chrysler Building
CHICAGO
517 So. Laffin St.
SEATTLE
Ivan W. Lee
709 Fourth Ave.

PHILADELPHIA
25 W. Hortter St.
(Mt. Airy)
ROCHESTER, N. Y.
Haverstick & Co.
UTICA, N. Y.
Roberts Hdwe. Co.

AGENTS

BOSTON
One State Street
CLEVELAND
3582 Winchell Road
WASHINGTON, D. C.
6900 Wisconsin Ave.
(Bethesda)

JACKSONVILLE
S. E. Golf Course Supply
LOS ANGELES
1795 Pasadena Ave.
SAN FRANCISCO
H. V. Carter Co.
52 Beale St.

DENVER
Burnite Machinery Co.

NEW ORLEANS
Southern Specialty Sales Co.

BARBAK

Controls

BROWN PATCH

Safely

Barbak may be applied as often as circumstances require without danger of shocking, burning or discoloring the turf. This effective disinfectant leaves the turf in excellent condition for recovery. Odorless. Easily applied, wet or dry.

USE BARBAK FREELY—
YOU CAN AFFORD TO
AT THESE LOW PRICES

BARBAK	5-lb.	25-lb.	100-lb.	300-lb.
211	\$ 8.00	30.00	115.00	330.00
XX	\$11.75	46.25	180.00	525.00

AMERICAN CYANAMID AND CHEMICAL CORP.
535 Fifth Avenue, New York City

Kansas City, Mo.

Azusa, Calif.

211 Barbak XX

TWO ELEVEN
USE WHERE THE SOIL
FERTILITY IS LOW

DOUBLE XX
USE WITH A BALANCED
FERTILIZER PROGRAM

TURF DISINFECTANT



Watered Fairways

hold members and attract
new ones.

To get new members—and to hold the ones you have today—*water your fairways!* The wisdom of this move has been proved dozens of times in the past few years.

Investigate the exclusive advantages of BUCKNER golf course equipment and you will quickly see why 98% of all hoseless fairway irrigation installations are BUCKNER Systems.

- Positive slow speed control with even distribution.
- No gears or delicate parts — reliable, economic service over a long period of years.
- Greater areas covered—minimum of outlets necessary.

Take advantage of BUCKNER'S broad experience to insure maximum irrigation results and lowest operating cost.

Sprinklers for every condition of golf course water supply and pressure.

Write for full information. No obligation

BUCKNER MANUFACTURING CO.,
Fresno, Calif.

Eastern Sales Office and Wareroom:
33 W. 60th Street, New York, N. Y.

Eastern Engineering Representative:
Miller Engineering Co., Bayside, L. I., N. Y.

Factory Representative:
P. L. Baldock, 2240 Casitas St., Pasadena, Calif.

BUCKNER

Fight Brown Patch with Calo-Clor

and
S
A
V
E
M
O
N
E
Y

The U. S. Golf Association and U. S. Dept. of Agriculture devoted years of research to discovering the most certain, most economical method of combating brown patch.

The Mallinckrodt Chemists devoted their efforts to supplying those chemicals and compounds that most perfectly meet the dictates of these brown patch researchers.

Calo-Clor, an efficient fungicide saving one-half to two-thirds the usual cost, was the result.

The complete story is contained in our folder "Brown Patch Control with Economy." Write us or your dealer for a copy.

**Mallinckrodt Chemical
Works**

2nd and Mallinckrodt Sts.
Saint Louis, Missouri

Y CALO-CLOR



Used on Over 2000 Golf Courses

Every unit giving the utmost in satisfactory service.

STAUDE GENERAL UTILITY TRACTOR

Light-weight — powerful — speedy — quiet—economical. Does all the work of a golf course. Manufactured continuously since 1916 and sold on a money-back guarantee. Buy

\$495
UPWARD

from your local Ford dealer or direct from us.

May be equipped with rubber-tired wheels for traveling on paved roads.

**WRITE
FOR
DETAILS**

E. G. STAUDE MAK-A-TRACTOR CO.
2696 University Ave., St. Paul, Minn.

Soils? Grasses? Insects? Diseases?

... find your solution to these and other problems of modern maintenance in

GOLF COURSE COMMON SENSE

By G. A. FARLEY

This valuable and practical guide to successful greenkeeping explains in detail, the methods of the country's foremost greenkeepers.

Partial Table of Contents

Soils, Fertilization and Growth.
Grasses. Fairways. Hazards.
Weeds and Diseases.
Equipment and Supplies.
Greenkeeping in the South.
Golf Course Trees.
Drainage and Water Systems.
Tees. Putting Greens.
Topdressings and Turf Repair.
Birds, Animals and Insects.
Keeping Course Records.
Growing Choice Flowers.

The price, postpaid, **\$4.00**

GOLFDOM

BOOK DEPARTMENT

14 E. Jackson

CHICAGO

**The most
Golf Sprinkler
for your money**

Rain King

**For Greens,
Fairways, Parks,
Sprinkling Systems
and all Big Sprinkling Jobs**

The Best Sprinkler Made

The Model T Rain King

Distributes water evenly throughout the circle watered. Sprinkles evenly on any pressure from 17 pounds and up. Sprinkles circles 150 feet in diameter at 70 pounds pressure. No adjustments. Simplest of all sprinklers to use. Beautiful in appearance and in every way the most sprinkler for the money.

Golf supply distributors please write for attractive proposition for exclusive territory.

Made and Guaranteed by
CHICAGO FLEXIBLE SHAFT COMPANY
5515 Roosevelt Road Chicago, U. S. A.

43 Years Making Quality Products



Unbreakable throughout. Brass nozzle and barrel. Patented Rain King phosphor-bronze, free-from-pressure bearings. Oversize roller base. Efficient on any pressure.

**Ask About This Better, Lower Cost Rain King Quick
Coupling Valve. More Efficient—Lower in Cost**

Detachable coupling member quickly fitted to hose or sprinkler.



Has patented, pressureless, quick coupling feature. Quickly connected to hose pipe line or sprinkler. Positively fool-proof, leak-proof, wear-proof. All bronze and unbreakable. Attractively priced. Write for full details.



Easily installed on pipe line, flush with surface of the ground safe from damage from any upkeep operation.

ECONOMICAL IMPROVEMENTS YOUR COURSE NEEDS!

YOU can't just let things slide—and you can't spend too much money. The answer to this typical 1933 problem is to buy your golf course supplies and

equipment from J. Oliver Johnson, Inc.—then you'll be sure of the finest items at the best prices. This is unquestionably the year to fix things up!

GRASS SEED

Quality high—prices low
Kentucky Blue Grass
Recleaned Red Top
Chewings Fescue
Poa Trivialis
Seaside Bent

FERTILIZERS

Bag lots, ton lots, car lots
Nu-Vim
Swift's Special Golf
Milorganite
Ammonium Sulphate
Nitrate of Soda
Superphosphate

EQUIPMENT

Selected from experience for efficiency

Tractors	Cutters
Mowers	Flags
Seeders	Poles
Discers	Cups, etc.

INSECTICIDES—Eradicators for any pest

Semesan
Nugreen
Arsenate of Lead

Calo Clor
Calogreen
Calomel

Corrosive Sublimate
Red Arrow Sprays
Diworma

Send for the J. Oliver Johnson Catalogue—the guide to economical purchases

J. OLIVER JOHNSON, INC.

World's Largest Golf Course Equipment House

940-960 W. Huron St., Chicago, Ill.

Phone Monroe 6580

America's Standard Tee Equipment

A Lewis Tee Ensemble and Bag Rack at every tee insures player satisfaction. Your course when fully "Lewis" equipped will be on a "par" with the world's finest. Excellent appearance—economical—years of service.



Lewis Bag Rack
\$4.75



Lewis Tee
Data Plate
\$1.50

Lewis Tee Ensemble (at right) as low as \$9.50



See Your Golf Equipment Dealer
G. B. LEWIS CO.
Dept. GD533 Watertown, Wis.

LEWIS

GOLF BALL WASHER

LET FUNGOL KICK BROWN PATCH OFF YOUR GREENS



Protect Greens Now with FUNGOL
Keep Positive Control of Turf Disease and Soil Vermin
Adopt the "McClain Economy System"

The existing demand for maintenance economies may be readily met by your usage of FUNGOL this year.

This approved fungicide and vermicide is most effective for prevention and treatment of Brown Patch, and other fungous diseases, as well as control of Soil Vermin.

The savings you can make with FUNGOL come from its LARGE COVERING CAPACITY for Brown Patch, and its extra vermicidal value for eradication of grubs, beetles, sod webworms, and earthworms. No other vermicides necessary.

Save your Greens and bank account with FUNGOL and the "McCLAIN SYSTEM." Write today for complete details, free Record Charts for your own use, and testing samples of FUNGOL and VEG-E-TONIC.

VEG-E-TONIC

The soluble "Cool Food" for Putting Greens. Quick and lasting results without burning or streaking. Highest in Nitrogen, Phosphoric Acid and Potash. No "filler", no waste. Leaves no injurious residue on Greens.

McCLAIN BROTHERS COMPANY
127 Second Street, Canton, Ohio



"We liked the TORO Master Seven so well we bought two of them," says M. E. Farnham, Superintendent Philadelphia Country Club.

TORO TRACTORS and Trojan mowers are preferred by competent Superintendents because they are built specifically for golf courses and are not made over automobiles or revamped farm implements.

In these days of stringent budgets you cannot afford to pay out good money for upkeep and high operating cost on antiquated, worn-out equipment or to gamble with inefficient machinery built for some other purpose and "adapted" for golf courses.

What you need is speedy, powerful, and reliable machinery that will perform every day under good or bad conditions.

Toro Master Tractors and Trojan fairway mowers will do that for you and prove the most satisfactory investment you ever made.

The 1933 catalog is ready. Write for it.

TORO MANUFACTURING CO.

3042-3168 Snelling Ave., Minneapolis, Minn.

A WAY *to prevent* BROWN PATCH

THAT FITS 1933 BUDGETS

START DU BAY TREATMENT
NOW TO AVOID RESODDING
AND REBUILDING GREENS



NEW LOW PRICES

SEMESAN

25 lbs. . \$ 46.25
100 lbs. . 180.00
300 lbs. . 525.00

NU-GREEN

25 lbs. . \$ 30.00
100 lbs. . 115.00
300 lbs. . 330.00

In these days of reduced budgets, brown patch is a real hazard! Repairing the damage it causes is too expensive. Preventive turf treatments are far cheaper.

For over 10 years Du Bay Semesan has successfully controlled brown patch on hundreds of courses—wherever the soil is normally fertile. Nu-Green, equally effective, is advised where fertility is lower.

Ask any seedsman or supply house for free turf disease pamphlet, or address Bayer-Semesan Co., Inc., Du Pont Bldg., Wilmington, Del.

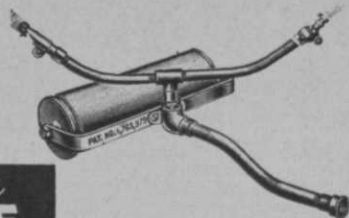
SEMESAN

REG. U. S. PAT. OFF.



NU-GREEN

REG. U. S. PAT. OFF.



The
TEE
\$7⁵⁰

FOR PRACTICE GREENS, TEES, and other small areas

Thumb screw operated worm-gear adjustment on outer stream nozzle controls speed of sprinkler rotation. Easy to "set" without tools.



The TEE sprinkler has many of the qualities which have made the LARK famous—wide coverage, even distribution, faultless performance, economical use of water.

The TEE covers a circle up to 80 feet in diameter. Many courses with smaller greens rely entirely upon the TEE. Roller base makes the TEE easy to move. Ask about our Ten-Day Trial Offer.

The LARK Sprinkler for Large Areas, \$12.50

L. R. NELSON MFG. CO.
1725 S. WASHINGTON PEORIA, ILL.

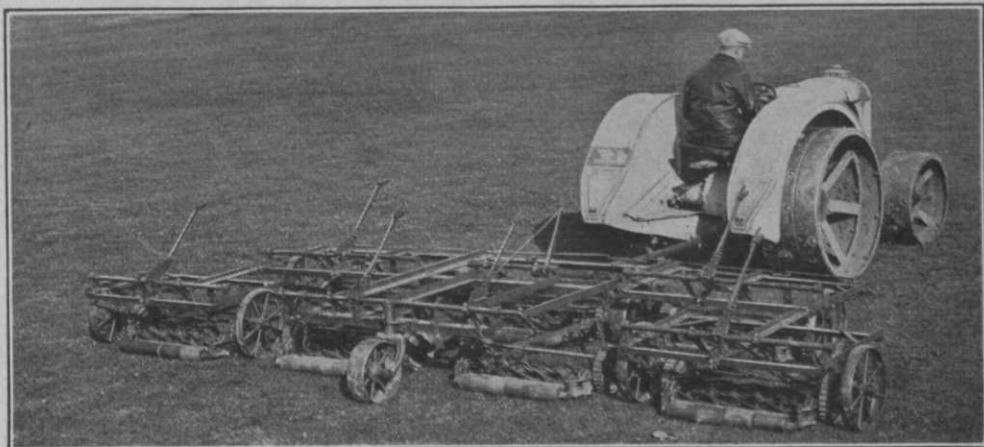


At Hotel Cleveland the pleasant comforts of a fine club are combined with every service of the most modern hotel. In the heart of the city, Hotel Cleveland can be reached by covered passage from the Union Passenger Terminal and from a modern 2,000-car garage.

HOTEL CLEVELAND

1,000 rooms, every one with bath. From \$3 single, \$4 double. Servidor Service. Floor Clerks. Three restaurants, including popular-priced Coffee Shop. Send for folder and road map.

ECONOMICAL FAIRWAYS



**THE IDEAL TRANS-PULL WEIGHS LESS—
HANDLES FASTER—*To Do Smoother Work*
—and More Work Per Day**

With the Ideal Trans-Pull Fairway Mower, any combination of 3, 5, 7 or 9 cutting units is handled with ease, speed and accuracy.

The Trans-Pull 3-gang cuts 7 ft. The 5-gang cuts 11 ft. 6 in. The 7-gang cuts 16 ft. The 9-gang cuts 20 ft. 6 in. Famous 7-blade Bulldog cutting units are hung flexibly from the frame—to cut efficiently into hollows—to cut smoothly over ridges.

Entire frame is flexible—providing the smoothest cutting on even the most rolling fairway. For all kinds of turf—blue grass, fescue, bent or bermuda.

For transporting to and from work, or across roadways and rough, the units are lifted off the ground—out of danger. Sections unhook for narrow roads and bridges.

First economy—low cost. Second economy—big capacity. Third economy—long life.

TEST THE TRANS-PULL

IDEAL POWER LAWN MOWER COMPANY

446 Kalamazoo Street Lansing, Michigan

237 Lafayette Street,
New York City

Dealers and Service Stations
in All Principal Cities

161 Vester Street,
Ferndale (Detroit), Mich.



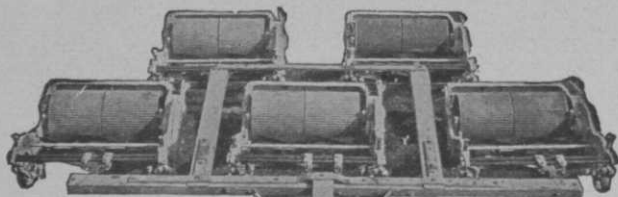
**SMOOTH GREENS
AT 35% TO 50%
SAVING**

Light, sturdy, fast and dependable — the Ideal Power Greensmower assures SAFE cutting on finest greens. Impossible to scuff, burn, tear or injure most delicate turf with this nimble mower.

Patented clutch control. Quiet, 4-cycle motor. Throttle control. Power for heaviest cutting. Pneumatic-tired carrier. Brush attachment.

\$155 Less!

Roseman Standard 5-Gang Mower Reduced



Not a single Roseman Feature eliminated! In fact, quality has been improved! Here is an opportunity for your Club to obtain Roseman Mowers at low cost.

For years Roseman has manufactured high quality mowers. They are famous for sturdy design and their exclusive roller drive and turf-building features. Although Roseman prices are usually higher than other mowers, they outlast by years all other mowers. The result is always a saving to the user in total mowing costs over a few years' time.

The new low prices were effective beginning February 1. Write today for complete details.

Why Foreign Clubs Choose Roseman Mowers

Golf Clubs in different countries, such as Australia, Hawaii, Mexico, and England, have purchased Roseman Mowers without solicitation on our part. The reason is simple. They have learned that Roseman Mowers will not break down, and are not subject to call for repair parts. And yet—in Australia, for example, the original cost, because of freight and tariff, is 156% more than the price in the U. S. A.

FEATURES OF ROSEMAN DESIGN

Alemite Forced Feed Lubricators.

Timken Tapered Roller Bearings on Cutter.

Hyatt British Tank Roller Bearings on Rear Axle.

GUARANTEED Non-Breakable Malleable Side Frames.

Gear Cover, Bed Knife Shoes, and Caster Wheel Forks.

Drop Forged Machine Cut Gears.

LIGHT ROLLER DRIVE, for better Traction and Turf Development.

Eliminates separate Rolling, and Produces Dense Turf Growth, Healthier Root Development, Prevents Scalping, Eliminates Cuppy Lies, Seals Heat Crevices, Retains Moisture in Soil.

(Our patents give us the exclusive right to all ganging of Roller Type Mowers)

ROSEMAN TRACTOR MOWER CO.

809 Davis St.,
Evanston, Ill.

11 W. 42nd St.,
New York, N. Y.

Approximately 98%

of all Putting Greens are cut by Roller Type Mowers, because they improve turf growth and Putting surface. They also eliminate separate rolling. The invention of Roseman Mowers gives your *fairways* the same turf-building benefits at no extra cost.

ROSEMAN MOWERS

Golfdom

The Business Journal of Golf
REG. U. S. PATENT OFFICE

Vol. 7

MAY, 1933

No. 5.

Belle Meade's Financial Wisdom Permits Profitable Operation

By FELIX R. CHEATHAM

Any club that has come through the past season or two in top-notch financial shape can thank the soundness of its governing officials during prior years. Here is the story of Belle Meade C. C. (Nashville) during the twelve years of its existence, a period marked by intelligent financial foresight that has permitted safe expansion without risk, and without burdening its members with future indebtednesses they might find difficulty in meeting.

BELLE MEADE, at Nashville, has generally been considered a successful country club. We own a beautiful colonial clubhouse and an 18-hole championship golf course, located on 200 acres of rolling land at the foot of Harpeth Hills. For the past twelve years there has been no mortgage on the property and operations have shown a profit, each year, during this period.

The club is organized on the membership certificate plan, 575 of which were sold to members at \$200 each, in 1921. With the proceeds from this sale, the entire indebtedness of the club was liquidated. Since then we have purchased and retired 45 of these certificates, leaving 530 outstanding, which, of course, limits the membership accordingly.

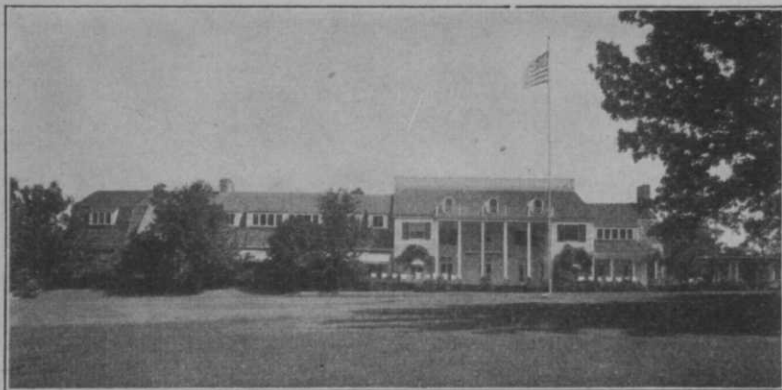
Our initiation fee is \$100 and dues are \$7.50 per month, exclusive of federal tax. Both amounts have been the same since organization, and while much less than other clubs during the past years, they have always given ample operating margin. Since we failed to increase dues in

boom times, we feel that it will be unnecessary to reduce them now.

In January, 1930, Belle Meade had \$35,000 cash in the savings bank, drawing 4 per cent interest, our property had been kept in perfect condition and outside of purchasing some additional land for \$20,000, no money had been spent to increase plant account. We had always expected to build a swimming pool with this money whenever an adequate water supply should become available, but this seemed years away.

Expansion Begins in 1930

After the bubble of 1929 had broken, building costs became reasonable, so we decided to spend some money. The Board of Directors authorized \$12,000 for the addition to the clubhouse, of a much needed men's tap room and \$4,000 for a concrete dam to back up 1,000,000 gallons of water on the golf course. This water was to serve two purposes, the most important of which was to furnish a supply for greens during the hot summer months, but besides, it would greatly improve three of



The colonial clubhouse at Belle Meade is a home of traditional southern hospitality.

our golf holes. Both of these projects have more than justified their cost.

Now comes June, 1931, with bright prospects for a new water main, but the cost of \$20,000 to the club seemed prohibitive. A membership meeting decided that water, in abundance, was cheap at any price, so a contract was let and our bank balance dwindled. Then we realized that 100 lbs. of water pressure put into the old, antiquated golf course pipes would blow them to pieces, so a modern trunk line system was necessary if we were to avail ourselves of the new water supply on the greens. Two years previously such a water system had been priced to us at \$20,000, but after taking new bids (the low one was \$12,500) our green-chairman suggested that we lay the pipes ourselves and save the contractor's profit for the club.

No sooner said than done, for under the supervision of our club professional, George Livingstone, the system was completed in 60 days at a total cost of \$9,000 and Belle Meade can now water all of its greens and fairways at the same time.

Bank Loan Paid Off

In order to pay for these improvements in full, it was necessary to borrow \$7,500 in October, our first bank loan in twelve years, and prospects for 1932 did not look any too good for country clubs. The club officials responsible for these expenditures began to feel slightly uneasy and wondered if the "bite was too big to chew," but we tightened up the belt a notch or so, watched expenses carefully and by April, 1932, the last of this indebtedness was paid off.

Our total income was off 7 per cent in 1930 from 1929 and showed a 17 per cent decline in 1931 from 1930. Thus it was evident that the club needed some new

attraction and we agreed that a swimming pool was the thing. But how to build it was a different matter. The directors were not willing to assume the responsibility for a bank loan, to pay for a pool. We had investigated the cost once before in 1929, and the estimate was \$50,000. This was a lot of money even then, and certainly the project seemed hopeless now, even though we realized it could be built much cheaper than the previous bid. Several plans of financing were considered and the entire membership agreed that we should have a swimming pool, but how to do it was the question.

Swimming Pool Is Built

It was finally decided to canvass the membership for subscriptions, payable in twelve equal monthly installments, beginning April 1st, 1932, such subscriptions to be in effect swimming fees paid in advance. In other words, a 25c admission charge was to be made for using the pool, and to every member who made an advance subscription would be given a bonus of 10 per cent in swimming tickets. The subscriptions were entirely voluntary and no pressure was brought to bear on members not inclined to sign up.

Thanks to the efforts of our president, Mr. E. W. Craig, and to a committee composed of Messrs. B. O. Currey and W. T. Cheek, the plan went over with a bang and netted \$17,000. With this start, bids were asked for, and the contract let in April, and the pool was completed on June 18, 1932. The cost was \$28,000 for a tiled pool 45 by 105 feet, with the best filtration and purification equipment to be had. The entire capacity of the pool is turned over every eight hours and the water tests much purer than the city supply.