

What's Coming from **UTILITY?**

In present appliances and new products to be introduced, the **UTILITY Trade Mark** will be your assurance of proven, dependable equipment for air cooling, ventilating and heating ... in residential, commercial and industrial buildings. These appliances include the best features of modern design and construction... produced in assembly-line plants.



UTILITY APPLIANCE CORP.

Formerly Utility Fan Corporation

4851 S. Alameda • Los Angeles 11, Cal.

Manufacturers of the famous Utility Evaporative Air Coolers (the original Desert Kooler), Fans, Blowers, Floor Furnaces, Forced Air Furnaces and Fan-Equipped Space Heaters (console type).

voted not to act in a certain direction. This action has not met with favor by some of the administering group who constitute a minority. The minority have attempted or threatened to cancel memberships.

Certainly unions can be of benefit to their members and to society as a whole, but they must be run on a democratic basis and not on that of dictatorship. When it gets to the point where no man can work where he chooses, vote as he chooses, financially support or not support political groups as he chooses, life in these United States ceases to be free. May we hope that the conditions which seem to be prevailing at present in connection with certain organizations will improve. Improvement can only come through the exercise of the democratic rights of each citizen. If these rights are not exercised, through laziness or disinterest, those rights will naturally be lost.

A few lines taken from "Autumn Leaves" by P. W. Litchfield seem appropriate:

"While there is one untrodden track
For intellect or will,
And men are free to think and act,
Life is worth living still."

Let us hope that we shall remain free to think and act and that the professional group will maintain themselves on a high democratic plane.

The United Nations Conference

(Continued from Page 6)

the greatest strength, now and in the foreseeable future, resides in Russia and the United States. Both of these powers are comparatively new to leadership in world affairs. It is to be expected that comparative inexperience in their new roles will make at first for some awkwardness. Understanding between them will remain more difficult because of the differences of their political heritage and their present economic and political systems. But neither country can lightly consider the alternative to successful cooperation.

C. I. T. NEWS

FOOTBALL

By HAL MUSSELMAN,

Director of Physical Education

BUCKLING down to work in mid-summer heat, the 1945 football squad of 45 men opened practice the middle of August in preparation for a six-game season. Games have been scheduled on consecutive weeks with Redlands, Occidental, Cal Poly, U.C.L.A. Junior Varsity, San Diego State, with a return game with Occidental concluding the season.

The new coach, Pete Brown, who has an enviable record both as a player and assistant coach at Colorado State, appears quite optimistic over the 1945 Tech team. However, it would be asking almost too much to expect the squad to duplicate the phenomenal record of the 1944 squad.

An entire new line-up will be in starting positions this year, as all of last year's regulars have finished. Building the team around three returning lettermen: Milt Strauss, guard, Bill Libbey, tackle, and Jerry Wozniak, half, Coach Brown has rapidly molded a fast but clever ball-handling outfit. Wozniak and Mort Powell, halves, together with Stan Mendes, a terrific driving 148-pound fullback, will supply the Tech backfield with plenty of punch.

The squad as a whole does not boast of as much weight and experience as the 1944 squad, but may make up for this deficiency through speed and deception. The reserves especially lack experience, but if injuries and ineligibility do not take too many key men, the squad should come through with a fine season.

TO ALL ALUMNI:

WITH the cessation of war activities many alumni will be concerned with the procurement of a new position. For this purpose the Alumni Placement Service jointly operated by the Alumni Association and the Institute is organized to give all possible assistance. Men in the armed forces will be released over a period of a year or 18 months. Those who have been employed on special research projects also will be free to secure regular peacetime employment. If each man who wants assistance will advise the placement office as far in advance as possible every possible assistance will be given to arranging proper connections. Those who have been away from engineering or science for a considerable period may find it advantageous to review some of their technical training. While this training may be in progress certain contacts may be made which may lead to later employment. It is our duty to assist these men to get back into normal industrial and scientific pursuits.

ASSISTANCE WANTED

THIS is a personal note to each alumnus. Many are known personally to the Editor while others are not. A large number of you have been receiving *Engineering and Science* since it replaced the *Alumni Review*. In some ways it is disturbing to the Editor that he has received no adverse criticism. Some have taken the pains to write in expressing definite approval of the magazine and sincere appreciation is expressed to them. It is realized that these have been busy times and there has been little opportunity to give us your comments. Now it may be possible for you to give the Editorial Board the benefit of your constructive criticism and help. Articles of general technical nature are believed to be most appropriate for *Engineering and Science*. You may not think that your story is important or of interest to the readers, but why not suggest a topic on which you could write an article with good illustrations and write the Editor. He will give you a frank opinion on the suggested topic. Please help by at least writing the Editor on your views; the magazine will be as good as you want to make it. If you are in the vicinity of the Institute don't hesitate to stop in at the office.

ALUMNI OFFICERS 1945-46

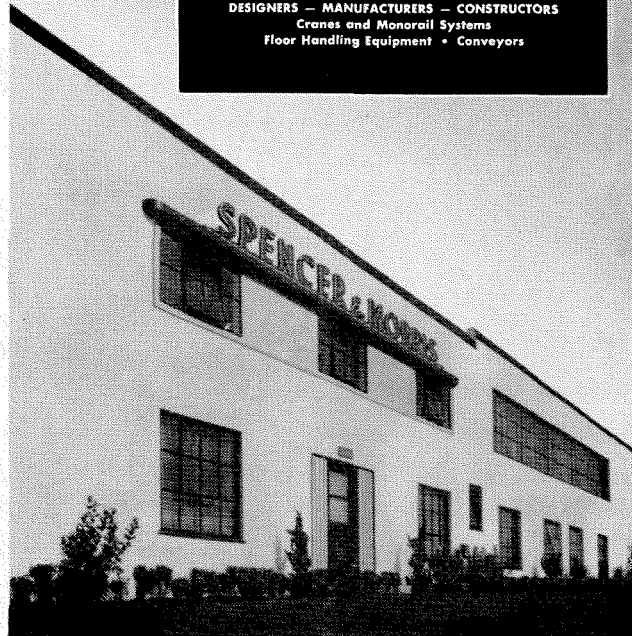
President Charles Varney '22
 Vice-President Allen Laws '26
 Secretary Paul Hammond '36
 Treasurer Karl Hegardt '32
 New York Chapter President Clyde Keith '22
 San Francisco Chapter
 President Marshall Baldwin '27

SPENCER & MORRIS
 West Coast Headquarters for
MATERIALS HANDLING SYSTEMS
 and Equipment

5649 Alhambra Ave. 580 Market Street
 Los Angeles 32 San Francisco 4
 Capitol 5103 Utter 1715



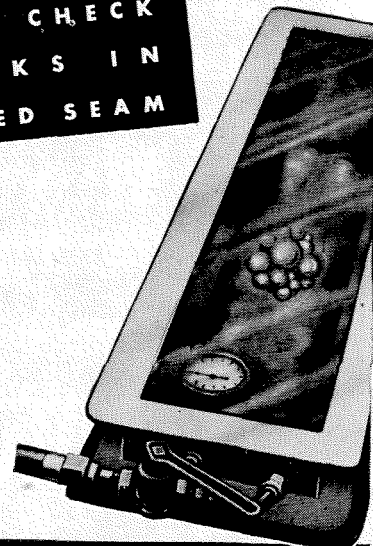
DESIGNERS — MANUFACTURERS — CONSTRUCTORS
 Cranes and Monorail Systems
 Floor Handling Equipment • Conveyors



AMERICAN
Vacuum
SEAM TESTER

A POSITIVE CHECK
 FOR LEAKS IN
 ANY WELDED SEAM

Ideal
 for
**PIPE LINES,
 STORAGE TANKS
 and
 REFINERY
 EQUIPMENT**



AMERICAN PIPE and STEEL CORPORATION
 Manufacturers and Distributors
 ALHAMBRA CALIFORNIA