

zation, to distribute information about patents granted in all countries and facilitate the use of patents in all parts of the world. Patents granted in any one country would be subject to license and royalty in all countries wishing to use the patents industrially or commercially. Patents would be available to all producers in all countries of the world at

the same fee or royalty, without restriction as to markets or the fixing of prices, or quotas of production.

"This would assure all nations of the world the maximum use of new scientific discoveries and also maintain the system of free enterprise. Inventors would be rewarded through a fair license fee or royalty," Mr. Rosenthal concluded.

*Science News Letter, June 17, 1944*

## PSYCHOLOGY

## Advice for War Hostesses

Mrs. Roosevelt gives hints to government girls on how to meet and talk with men returning from the fighting in Europe.

► HINTS on how to meet and talk with soldiers who come back from the European invasion, wounded in mind or in body, were given by Mrs. Franklin D. Roosevelt, herself a mother of service men, to a group of Washington, D. C., Government employees, the PAW-ETS.

PAW-ETS means Petroleum Administration for War Entertainers to Service Men. The girls who belong to this group are giving parties at local hospitals for service men.

"If you are going to talk to the soldiers coming back, you should have at least a bowing acquaintance with the questions they are going to ask," Mrs. Roosevelt told the girls. "Suppose he asks you whether he is going to be able to drive a car or 'Can I ever fly again?'"

"You won't know, but you had better know about a lot of people who have done things with handicaps."

Stories of actual accomplishments of men who have lost a leg or an arm or who are otherwise handicapped may serve as encouragement to the wounded man who has yet to find out what he will be able to do.

This is especially important with enlisted men, Mrs. Roosevelt believes from her experience in talking to soldiers in hospitals, reconditioning centers and elsewhere around the world. Enlisted men seem to find it much harder than do officers to get started doing things. They are more apathetic.

A feeling of bitterness and doubt that their sacrifices are worthwhile is something you may encounter in returning service men, Mrs. Roosevelt said, although she explained that you will see almost as many different attitudes as there are men returning.

Mrs. Roosevelt's address followed a

session in which the modern mind-healing technique of psychodrama is being adapted for the training of these girls for the job of hostess to the service men. In psychodrama, the actors and actresses go onto a stage and with absolutely no previous rehearsal act out a situation prescribed by the director. The situations are all real life scenes and so, in this case, it is the drama which is the rehearsal for what may follow in life.

Sailors, guests of the PAW-ETS, played the part of wounded veterans as one of the girls would go up on the stage to try to cheer him up or listen attentively to his gloomings or gripings.

After each scene, both hostesses and service men joined in criticism of the way in which the particular situation

was handled by the girls in training.

Director of the psychodramatic training sessions is Dr. Bruno Solby, medical officer of the U. S. Public Health Service.

*Science News Letter, June 17, 1944*

## ENGINEERING

## Glass Fiber Sheets Used For Insulating Aircraft

► SHEETS of glass fibers, the lightest inorganic material commercially available for sound-proofing and insulating aircraft, are being used in the flight decks and cabin walls of many types of U. S. Army planes to provide protection against the extreme cold of stratosphere flying, and to deaden fatigue-causing sound. They gain less than 1% of their own weight from moisture in the air. Organic material, frequently used, may pick up 40% of its own weight in moisture.

The glass fiber sheets, weighing only one-twentieth of a pound per square foot, are made up of millions of tiny glass fibers, bound with a thermosetting resin and formed into sheets one-half inch thick.

With planes operating at altitudes where temperatures of 60 degrees below zero Fahrenheit are commonly encountered, insulation is necessary to reduce the burden on heating equipment.

These fibrous glass sheets are being manufactured for war uses only, by the Owens-Corning Fiberglas Corporation.

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