

release of formerly classified information, we may expect new developments useful to industry and public mental health.

Industrial machines as well as automobiles and airplanes will be designed so as to be more suited to the men and women that operate them. This will result in a lessening of fatigue and nervous irritation.

There may be a widespread tendency to train foremen and supervisors by newly developed techniques to consider the human needs of their employees in placing them so as to make best use of their abilities, in arranging working groups in such a way as to avoid frictions, in encouraging participation in planning of work and in arranging working conditions so as to avoid unnecessary nervous strains.

New sciences for the study of the psychology and mental illnesses and disorders of nations, groups and social classes may be born.

The connection between ordinary fatigue, nervous exhaustion, and mental illness will be explored and may result in finding some chemical factor in mental breakdown. This may point the way toward a new treatment.

Exploratory expeditions in all fields will begin to take the field again. The large amounts of scattered real estate that we have had to take over, especially in the Pacific, will be a challenge and an opportunity to field scientists all the way through the alphabet, from anthropology to zoology.

More Soiless Gardens

Further installations of soiless gardens will be made on desert islands, where Americans will have to be stationed to take care of military and civil airfields.

Pesticides (DDT, ANTU, 1080, 2-4-D, etc.) will come into general use, as manufacturing facilities are released from military demands. Much more research will have to be done on these: (1) to learn their most effective use, (2) to find their limitations, (3) to discover thresholds of safety for contact with human beings, domestic animals, wildlife, harmless or beneficial insects.

New insect pests and plant diseases may break through our quarantine barriers, due to increased air travel. Greater vigilance will be necessary to try to prevent this; ruthless and costly extermination campaigns must be carried out if a major pest does get in.

Air transportation may begin to bring



MEDICINE ADVANCES—The public will benefit greatly from medical research in the future. This scene in the Naval Medical Research Laboratory at Bethesda was selected to typify the activities expected to continue in Navy, Army and civilian medical research institutions.

in some of the tropical fruits and other products our men had a chance to get acquainted with overseas, like mango-steen, cherimoya, etc. Here again, vigilance against pests and diseases will be needed.

There will be at least a beginning of restored trade in war-scarce tropical commodities, especially rubber, drugs (especially quinine), and spices (especially black pepper); overseas sources of other goods, such as Manila hemp, Chinese tea, tung oil, also from China, copra and all the palm oils, camphor from Formosa will be making their bid for restoration of normal markets. Bulk tropical commodities like sugar will return as shipping becomes available.

Restoration Aid

Restoration of European agriculture and livestock industry will be helped by shipments of seed and breeding stock from U. S. A. and other war-spared lands.

Using its developments and production for war, industry should during 1946 bring forth many new devices, machines, products and processes. Plants devoted to airplane manufacture can be expected to give birth to new kinds of

assembled houses and new makes of automobiles. Television farther advanced and seeing more effectively in near-darknesses may be announced and put into use.

Better and more easily developed color photography will be released for amateur and professional use, while important developments in removing much of the personal element from printing three- and four-color photographic processes may be announced.

Even the atom bomb will have its effect on industry even if atomic energy is not used industrially or bombs do not wipe out civilizations. The advances made in technical methods during the atom bomb development have made available thousands of improvements to industry.

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An adult has in his body about 1.4 pounds of *phosphorus* which must be constantly replenished by means of foods consumed.

When using *luminous paint*, new brushes are recommended because it is difficult to clean used brushes from traces of old paint that might be detrimental to the luminous material.