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# SCIENCE NEWS LETTER

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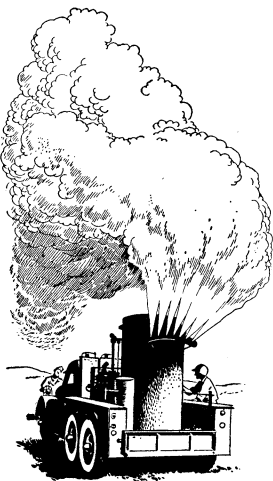
**Peanut Paradise**  
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A SCIENCE SERVICE PUBLICATION





## Foothold *in a Fog*



Smoke Generator in Action

Good weather is bad weather for an invasion.

When American troops land on enemy beaches, it's often under cover of a friendly life-saving "fog."

American scientific and engineering ingenuity provided the equipment for our forces to make their own special invasion weather. For the "fog" is produced artificially by mobile smoke generators which blanket whole areas in an impenetrable white mist.

Months ago, the National Defense Research Committee enlisted the help of General Electric research scientists in developing an improved smoke generator for the Chemical Warfare Service.

Nobel prize winner Dr. Irving Langmuir

and his associates evolved a new principle of smoke generation, upon which the Standard Oil Development Company designed and built the equipment. The smoke it produces is harmless; it doesn't even soil clothes. But it does keep our troops and their movements from the sharp eyes of enemy aircraft.

This smoke generator, which according to reports has saved lives in Allied landings wherever it has been used, is another example of American industry's research and engineering and manufacturing skill. Producing superior weapons for our troops today, these same resources will be available for all the American people tomorrow in building a better world. *General Electric Company, Schenectady, New York.*

192,000 employees of General Electric are buying over a million dollars of War Bonds every week.

**GENERAL**  **ELECTRIC** 952-492B-211

Hear the General Electric radio programs: "The G-E All-girl Orchestra" Sunday 10 p.m. EWT, NBC—"The World Today" news, every weekday 6:45 p.m. EWT, CBS.



## How far could a "PT" go on an "A" ticket?

► A month's supply of "A" tickets would allow barely enough gasoline to warm up the three huge engines of one of these Jap-smashers. And it would have to be high octane gasoline to be of any use at all.

The point is that all our gasoline fighting machines—land, sea and air—require enormous quantities of high octane fuel. And that's why there's less gasoline in the U.S.A. for civilians—and less Ethyl fluid to raise its quality, in spite of stepped-up Ethyl production.

Every gallon of America's fighting gasoline contains Ethyl fluid.

Today, more and more Ethyl is going overseas. But someday—*after the war*—this high octane gasoline will stay home. Result: gasoline for automobiles, airplanes, trucks, buses and tractors of higher quality than Americans ever enjoyed before. Ultimately engines will be designed to

take full advantage of this gasoline.

In this post-war development, the Ethyl Corporation looks forward to playing a special part. Through our Detroit and San Bernardino laboratories, now busy with war work, we plan to work closely with automotive, aviation, tractor and petroleum engineers—helping them to get the most from post-war gasoline and engines.

### ETHYL CORPORATION

*Manufacturer of Ethyl fluid, used by oil companies to improve the antiknock quality of aviation and motor gasoline*

CHRYSLER BUILDING, NEW YORK CITY

