

# • New Machines and Gadgets •

☼ **LUMINOUS** adhesive sheet or tape material which will glow in the dark because of a phosphorescent or fluorescent surface has recently been patented. It is claimed suitable for applications to objects for identification at night, such as keyholes.

*Science News Letter, January 15, 1944*

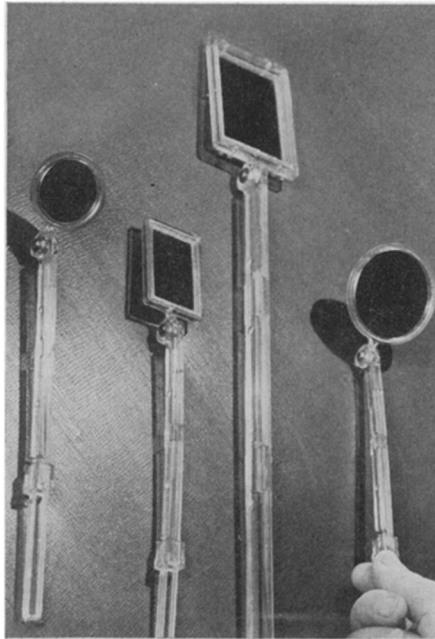
☼ **LADIES'** handbags with bottoms of light-transmitting material permit the entire contents to be examined when the tops are opened. A transparent or translucent plastic is used in this patented device. The shape and general appearance of the bags are unaltered.

*Science News Letter, January 15, 1944*

☼ **COMBINATION** sun visor and radio aerial for an automobile looks like the ordinary double visor, but its body is made of metal suitable for an aerial, electrically insulated from the vehicle. The device was recently patented.

*Science News Letter, January 15, 1944*

☼ **HINGED** mirrors on long handles are used to inspect out-of-the-way places inside machinery and other equipment.



The thumb of the inspector pressed against a knob on a small rod attached to the light plastic handle quickly turns the mirror at varying angles to its handle.

The picture shows several types of mirrors and handles.

*Science News Letter, January 15, 1944*

☼ **ELECTRONIC** de-icer controls on airplanes have push-button devices similar to those on the familiar night-club jukebox. A pilot notes where ice is forming on a wing, pushes the correct button, and a rubber de-icer boot cracks the ice.

*Science News Letter, January 15, 1944*

☼ **STREETS** may be cleaned of leaves by an enlarged vacuum cleaner equipped with a three-horsepower motor. In use in a southern city, the machine sucks up the leaves and crushes them into small bits suitable for fertilizer.

*Science News Letter, January 15, 1944*

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## Question Box

### AERONAUTICS

How are rocket planes like the kick of a gun? p. 34.

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How many Victory Gardens were there last year? p. 41.

### EDUCATION

How many high school boys and girls are entered in the Third Annual Science Talent Search? p. 39.

### GENERAL SCIENCE

What does the future probably hold for science? p. 35.

Who is the new president of the A.A.A.S.? p. 35.

### MECHANICS

Who invented the sun-valve beacon? p. 42.

### MEDICINE

Of what value was penicillin in treating war wounds in North Africa and Sicily? p. 37.

### METEOROLOGY

How can meteorologists help in timing a new European front? p. 47.

How full should your coal bin be at this time of year? p. 45.

### NUTRITION

How fattening are potatoes in comparison with apples? p. 41.

### ORDNANCE

What is used instead of a powder train in a newly invented time fuse? p. 45.

What new method has been devised for cooling machine guns? p. 40.

### PALEOBOTANY

What has enabled scientists to know that the climate in Texas was once like that of the Great Lakes region? p. 36.

### PSYCHIATRY

What means of controlling alcoholism is being initiated at Yale? p. 35.

### PSYCHOLOGY

How are books for blind children "illustrated"? p. 39.

### PUBLIC HEALTH

Why is it unlikely that we shall have an influenza pandemic? p. 38.

### RADIO

How may color television be produced? p. 45.

### SAFETY

What is one method whereby the Mexicans are taught civilian defense? p. 38.

### SOCIOLOGY

What was the percentage of increase in juvenile delinquency between 1940 and 1942? p. 40.

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