

•New Machines And Gadgets•

⚙️ **GASOLINE** blow torch in combination with a removable soldering iron, developed in Germany, has a burner head of common design, a fuel tank inside its handle, and a pump within the tank. The soldering copper is fastened to the top of the torch and is held in the flame.

Science News Letter, July 27, 1946

⚙️ **FIBER-METAL** package for frozen foods eliminates the inner sealed bag or outer wrap. It has metal ends easily removable with an ordinary hook-type opener. The walls are of paraffin-impregnated fiber, and the whole is semi-rigid in construction.

Science News Letter, July 27, 1946

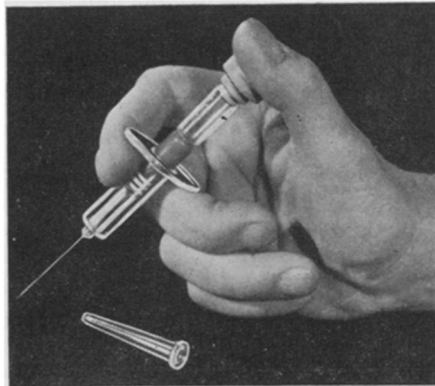
⚙️ **PLASTIC SHOES** for women, recently patented, have their soles, instep supports and elevated heels in a single molded piece. Fabrics, preferably in the form of ribbons, pass around the foot and ankle. The plastic used may be transparent or colored.

Science News Letter, July 27, 1946

⚙️ **FACSIMILE** equipment just installed in a New York bank facilitates the cashing of checks. The machine sends an exact picture of any check over a telephone wire to the bank's central signature file for verification. A report is received in about one minute.

Science News Letter, July 27, 1946

⚙️ **NEW TYPE** syringe, greatly simplifies the technique of administering penicillin as it makes possible the use of a one-shot cartridge containing a 24-hour dose. The low cost of making the



plastic device shown in the picture permits disposal of the syringe after a single use.

Science News Letter, July 27, 1946

⚙️ **AIR FILTER** in railroad passenger cars contains activated carbon through which the air in the car is circulated. It will eliminate by adsorption odors from smoking, food, drink, and even from passengers themselves. The equipment requires relatively little space.

Science News Letter, July 27, 1946

⚙️ **MOISTURE REMOVER**, to dry air passing through compressed air lines, is a cylindrical chamber with a perforated hollow structure projecting inside from the air-outlet end. This is filled with steel wool surrounded by felt. The air inlet is on one side of the cylindrical chamber.

Science News Letter, July 27, 1946

⚙️ **TANK** for keeping fish fresh, as caught or after cleaning, preserves by re-

placing much of the air with oxygen after the fish are packed. The tank, with oxygen constituting 35% or more of the pressurized gaseous content, is hermetically sealed.

Science News Letter, July 27, 1946

⚙️ **BOTTLE CARRIER** for corrosive and staining chemicals is cushioned with material that is acid, caustic and corrosion resistant, and is designed to decrease bottle breakage in handling or transporting. Bottles are completely enclosed within the carrier by pulling a draw string at top.

Science News Letter, July 27, 1946

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How many giant heads have been excavated recently in Mexico? p. 52.

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What are the only three planets visible during August? p. 58.

Who is the French astronomer who is visiting this country for the purpose of comparing observations of the sun at the various observatories? p. 56.

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