

No Business Can Escape Change

(From "Nation's Business")

Kapok is now available in sheet form, backed on one side by a thin paper membrane or with a tough paper liner added on the other. Applications include temperature and sound insulation in planes and cars, outdoor apparel, insulation and gloves for handling solid carbon dioxide. . . .

A new lacquered fabric for bookbinding looks, feels and can be worked like cloth, can take all the colors and designs of cloth, yet is washable and moisture and insect proof. . . .

Novel effects are obtained in the home, display windows, theater scenery, etc., with a new fluorescent paint which glows and changes color under ultra-violet light. The paint contains no radium or other dangerous substance. . . .

A fast-drying pyroxylin enamel has been developed for use as a one-coat finish on bare metal. It's said to have good adhesive qualities, to give a high gloss finish without use of a primer. . . .

Copper-hydrogen-electric welding is now commercially available. It produces a strong iron-copper alloy bond, involves no flame, permits automatic welding on a quantity basis. . . .

Through a new formula, copper and certain copper alloys can be covered with a thin coating of special glass. The coating prevents tarnish, offers various color effects. . . .

A new solder for aluminum and all other metals is said to have ten times the strength of ordinary solder, to require only an iron or blow torch to apply. Dissimilar metals can be joined with it. . . .

Sheet steel is used instead of the customary cast-iron in a new enameled sink. Stamped out of a single sheet, it is said to weigh only about a fourth as much as a cast-iron sink. . . .

Cool and oil-fired water heaters are protected against overheating by a new emergency valve containing a "fuse" which softens under excess heat, permitting the escape of too-hot water. . . .

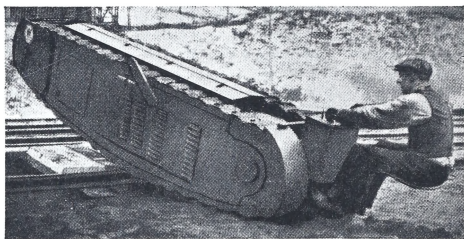
A new copper egg cooker, built like a double boiler, boils eggs soft, medium or hard and whistles when they're done. . . .

Hinges have been devised which permit screens, storm windows to be interchanged, allow them to be swung open like doors. . . .

A self-cleaning rake has been devised for the home gardener. It has a spring-equipped, hinged head which folds flat to the ground when the rake is pushed forward. . . .

Crankcase oil is sucked up into a glass container where it can be inspected by the motorist in a new electrical oil changer for filling-station islands. If still good, the oil's pumped back; if not the machine flushes the crankcase, and new oil is put in. . . .

Full 100 horsepower is built into a new motor of less than a foot diameter. It's designed to drive direct-mounted cutting tools whose diameter and speed must be held to a minimum. . .



Railroads use this new tractor welder for reclaiming battered rail ends, frogs, etc. It can travel along road-bed shoulders without interfering with rail traffic

"IT'S new ideas that break depressions," one business man writes. "We know because our plant is still working 24 hours a day to keep up with orders on a new whistling tea kettle made of copper."

A new electric pencil sharpener is said to produce a perfect point in an instant at the flick of a switch. . . .

There's a new double-purpose electric tool which serves either as a drill or hammer. It's used to drill, chip and channel concrete, brick, wood, also to chip, steel plates and drive light rivets. . . .

A new electrical machine for the butcher shop removes the viscera from a chicken, lops off feet and head, in eight seconds. It's said to adjust itself automatically to chickens weighing two to eight pounds, handles fresh killed or chilled fowls. . . .

A machine which automatically candlers and then grades eggs according to weight has been developed. Eggs of the same weight are deposited in bins, ten classifications being provided.

Milk bottles, cheese, butter and lard containers are now being molded from cellulose which is then impregnated with a new tasteless, odorless, wax-like material. Nonbreakable, nonsoftening, they can be had in any solid color. . . .

A wire-stayed fiberboard container has been developed for nails, bottle caps and other metal products. The container can be knocked down, is said not to bulge under pressure. . .

Hot water at constant temperature is supplied by a new volume water-heating system. The system brings successive quantities of water to full heat before passing them to storage or use. . . .

Especially timely is the new device for quickly determining alcoholic content of liquids. Correct percentages, read directly from a scale, are said to be determined under any conditions. . . .

—PAUL H. HAYWARD

EDITOR'S NOTE—Material for this page is gathered from the many sources to which NATION'S BUSINESS has access and from the flow of business information into our offices in Washington. Further information on any of these items can be had by writing NATION'S BUSINESS.