

Motors Designed For Automation

Buffalo, N.Y. — The Westinghouse Electric Corp. has introduced a new line of direct current motors and generators designed for automation.

The new motors, according to Thomas Turner, vice-president in charge of the Westinghouse motor and control division, provide "dependability and performance characteristics which will spur the development of further automation processes."

Turner said one of the most significant features was the new motor's silicone insulation.

"Accelerated life tests show that this new DC motor insulation will last at least 10 times as long as ordinary insulation under any temperature conditions," he pointed out. "This gives the user reduced maintenance, for with it he can keep production going through many emergencies that would otherwise cause breakdowns or very short motor life."

While silicone has been used in the past on custom-built motors and special purpose lines such as mill motors, this is the first time silicone insulation has been used on standard general-purpose DC motors.

PARSONS 1st CHOICE USED CARS

AUTO BUY DAY VALUES

1955 Mercury

4 Dr. 9 Pass. Station Wagon. Beautiful tone blue. White walls, radio, heater. A well kept wagon. Yours \$1695 on easy terms for...

1955 Chevrolet

2 Door Wagon. Radio, heater, overdrive V-8 engine. A nice me-talic green wagon. \$1495

1955 Plymouth

Belvedere Hardtop. Nice clean unit. Radio, heater, automatic drive. \$1495

1954 Plymouth

Belvedere 4 Door Sedan. Radio, heater and automatic. A very well cared for family car. \$895

1954 Dodge

Royal 4 Door. Radio, heater, automatic and power steering. \$995

1954 Ford

4 Door V-8. A nice economical car. Priced to sell. \$795

1953 Oldsmobile

"88" Convertible. Radio, heater, hydramatic, and electric windows. \$895

1953 Buick

Special 4 Door. Radio, heater, and dynaflo. One owner. \$795

1953 Dodge

4 Door Sedan. Radio, heater, V-8 gyro drive. Your choice of 2. \$795

COMMERCIALS

1957 Ford

Courier. Excellent condition, 6 cylinder. Standard shift. \$1795

1955 Dodge

V-8 1/2 Ton Pickup. Good condition, 4 speed transmission. Ready to work. \$1195

1954 Ford

V-8 3/4 Ton Stake. 4 speed transmission. Excellent tires. This only has 33,000 miles. One local owner. \$895

PARSONS MOTORS

New and Used Car Center

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Sound Washer Among New Items Planned in U. S.

By CLYDE H.
FARNSWORTH

United Press Correspondent
New York — "Invisible sound waves are being mustered now in the daily war against dirty dishes."

Performing like suds in hot water, sound waves, human ear too high for the human ear to detect, scour unscrapped dishes, pots and pans at the touch of a button. And they perform in a fraction of the time required by conventional dishwashing machines.

The sound waves are put to work by Acoustica Associates Inc., of Culver City, Calif., in a machine which the firm says may be available commercially within a year.

The first fountain pens to be engineered, designed, promoted and sold expressly as fashion accessories for women have been introduced by W. A. Shaeffer Pen Co. of Ft. Madison, Ia. The "Lady Sheafers" are produced in jewelry turned patterns featuring various style combinations.

Wall-to-wall heating is promised by a Waltham, Mass., firm which has come out with a combined curtain wall panel and electric radiant heating unit. Bettinger Corp. says its panel is a sandwich consisting of two steel panels with an asbestos honeycomb core. The heating element is fused on to the inner panel. The company says heat rays are directed from the panel over a 160-degree range and heat the room rapidly.

Another innovation in heating was devised by British electrical engineers and involves an electrically heated carpet underlay from which a connection can be plugged into the wall like an electric blanket. A newly formed company, Thermalay, Ltd., of Yorkshire, says the carpet is designed to give a floor temperature of 70 to 75 degrees (F). It is said to cost the equivalent of a cent an hour to heat an average living room with the carpet.

Colgate-Palmolive company has brought out a new laundry detergent which is said to build up an odor-resisting barrier with each wash. In addition, the company claims its new Fab makes clothes whiter and brighter.

Paper that looks like aluminum foil has been introduced by Continental Can company, as a replacement for foil for can and bottle labels, food and other packaging not requiring protection against moisture.

Steel sandpaper is the latest addition to the tool kit. It combines flexibility and handling ease of sandpaper with the fast clog-free cutting characteristics of a wood scraper. Called "Dragon-Skin," the product is made by Red Devil Tools of Union, N.J.

England Describes Nuclear Explosion

London — Prime Minister Harold Macmillan announced today that the nuclear device exploded by Britain Monday was "in the megaton range."

That meant, in other words, that it almost certainly was an H-weapon. Macmillan told the House of Commons that scientific measurements are being collected for accurate evaluation, "but early indications are that the fallout will be negligible. The test was in the megaton range."

It was the first western nuclear explosion since Russia made an announcement it was conditionally halting its own nuclear tests.



ARRIVING in New York, ex-Queen Soraya of Iran plans lengthy vacation after being divorced by Shah for failing to provide heir. (International)



EXHAUSTED—Mrs. Amy Hiland, 37-year-old housewife, manages a smile after gruelling 26-mile ocean swim from Santa Catalina Island to Pierpont Landing in Long Beach, Calif. Mrs. Hiland, who was in the water 24 hours and 25 seconds, claimed two world records in her crossing, the longest ocean swim by a woman, and a new record for both men and women for endurance—time spent in the water.



HER FIRST SMILE—Cheryl Crane (right), 14-year-old daughter of actress Lana Turner, smiles as she leaves Juvenile Court in Santa Monica, Calif., after she was placed in custody of her grandmother for a two-month period. Decision of the court meant that Cheryl never can be tried for murder in the stabbing of her mother's hoodlum lover, Johnny Stompanato. At left is police matron Jeannette Muhlbach.

Quotes From the News

By UNITED PRESS

Washington—A Navy spokesman, on the cause of the failure of its Vanguard satellite to go into orbit Monday:

"Scientists suspect that an open wire was responsible."

Montevideo, Uruguay—Vice President Nixon, replying to strong criticism that U.S. policy in Latin America supported dictators:

"We fought three wars in the last 35 years—gaining not a speck of ground or domination of any persons—for the right of peoples to be free."

New Delhi—Prime Minister Nehru, in denying he was seeking to escape responsibility by asking to resign from office:

"I have no desire to escape from that. That comes to me not from office but from my connections with events in my country for the past 40 years."

Is That So?

By EUGENE BURNS
Ranger-Naturalist

Is it true that the dominant rule among wild animals is the "law of tooth and claw, survival of the fittest?" Not wholly.

Certainly there is plenty of

exists even between the lion and the antelope on which it preys. A young lion, just learning to hunt, will sometimes kill more than it can eat. Adult lions, however, are noted for killing only enough to satisfy their hunger. The predator evidently knows if he kills more than he needs he is injuring himself. And for that reason lions have often been seen in the company of animals on which they feed.

In short, there is plenty of evidence that cooperation among animals is a stronger, more widely observed law than that of the tooth and claw.

A lesson, perhaps, that man would do well to ponder. (Released by McClure Newspaper Syndicate)

Free: By special arrangement with the editors of the Encyclopedia Americana, my panel of judges will award each week to the reader who sends me the best true-life nature observation, or the best question on nature and wildlife, a complete 30-volume set of this world-famous reference work in a handsome Sealcraft binding. Each week new submissions will be considered. Sorry, I simply can't answer your many friendly letters. Please address your letter to: Is That So? care of Medford Mail Tribune, Box 1069, San Francisco, Calif.

Recent experiment show that benefits come from some crowding—not overcrowding—while isolation appears to be fatal.

In larger colonies of hering gulls, courtship activities, egg-laying and hatching process are faster than in the smaller colonies. The result is more young gulls survive than in the smaller colonies.

Among larger animals, those living in herds tend to show greater size, reaction, speed and general survival ability than the same type that are isolated. Apparently, they unconsciously know the advantage in co-operation. This cooperative principle

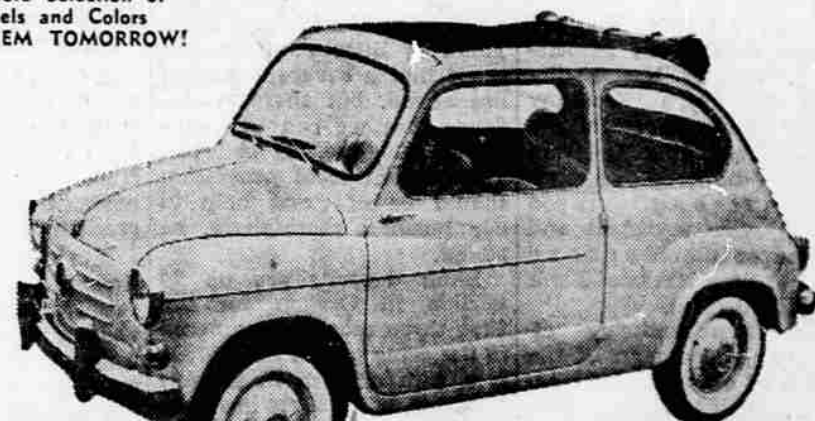
Builder-Developer Gives Subscription

Hayward, Calif. — Al Branden, who has brought patios and palm trees to northern California's average income families has constructed and sold 3,200 homes, including the Palma Ceia village here, since 1954.

Wednesday, April 30, 1958 11A
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General Motors is studying the problem of unburned auto fuel in an attempt to save gas, improve fuel economy, and stop air pollution.

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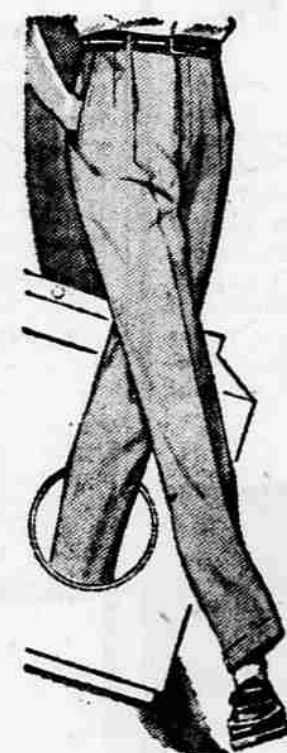
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