

# MEDFORD MALL TRIBUNE

Section Section

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## Springtime Leaving, Physicist Concludes

By DOC QUIGG  
 United Press Correspondent  
 New York — After due deliberation, Dr. John Van Horn, a physicist, has concluded that springtime is on the way out.

We could have a short pause right here, while audible gaspers exercise their art. But there's no call for that. The doctor is not talking about a season of the year, famous for greenery and amour.

He's talking about time, a thing that marches on, and keeping track of it with a watch powered by a coiled spring. Dr. Van Horn has converted wristwatches to electricity.

They've been on the market a year now, undergoing such everyday trials as being dropped into boiling soup and being part of the action involving in spanking children. Dr. Van Horn claims that actual wear tests show the electric watch to have half the error

of the spring drive; four seconds off per day on average, compared with 8 to 20 seconds for a good spring-driven watch.

**Expresses Belief**

"I believe the electric watch will replace the spring driven to the same extent that the wrist-watch has replaced the pocket watch," he said. "Why develop an electric watch? Well, it posed an interesting technical problem, but the product was something better—in accuracy and more efficient machinery.

"In a spring watch you throw about four-fifths of your power away before it gets to the balance wheel, and high friction causes wear. In our electric watch, the balance wheel itself is the motor and it does double duty because it also keeps time."

When Dr. Van Horn became chief physicist (he is now director of research and development of the Hamilton Watch Company), they had been working five years to develop an electric watch—using a standard watch wound by a tiny motor. He changed the approach to the problem.



**HOLDING HANDS.** Lee Ann Meriwether, San Francisco's "Miss America, 1955," and Frank Aletter, actor, tell New York newsmen they plan to wed in June. (International)

## Dog's Long Pedigree Longer Than Man's

By DELOS SMITH  
 United Press Science Editor  
 New York — Man has no justification for disparaging references to the ancestry of the dog, according to Dr. Edwin H. Colbert. The dog's family goes back many millions of years farther than man's family, and its pedigree is incomparably better documented.

Furthermore, there is no justification for disparaging comparisons of the dog with the cat, either. For many millions of years, cats have been stereotypes of cats. "Structurally" they've changed very little, but the dog has had the gumption to divide itself up into many varieties.

Colbert is curator of fossil reptiles and amphibians at the American Museum of Natural History. He was moved to capsule the history of the dog, comparative and lineal, because February is the month of dog shows around the country—when the dog gets its due.

**Has Long Lineage**

The dog is a very remote relative of cats, sea lions, skunks, bears, badgers—in fact, of all modern flesh-eat-

ing animals. The common ancestor was the miacis which looked a great deal like the Old World civet cat. The miacis flourished some 60 million years ago. The miacis had bigger and better teeth than other animals of its time, and that probably accounts for why it founded so many animal families. Colbert said. Some 25 million years later the miacis line produced the hesperacyon which was the common ancestor of animals ranging "from the bear to the raccoon, including the dog."

Now skip over 16 million years—more or less—and you come to one of hesperacyon's descendants, a dog-like creature called temarctus, and from temarctus' line developed a definite dog, canis, which appeared some 2 million years ago. That was a million years before man put in his first appearances.

**Friendship Developed**

But when man came along, he and the dog became pals on account of both were hunters and both had the intelligence to see that they'd get more game together than separately.

Colbert said the chances were that the modern dog was a direct descendant of the North American wolf. "Wolves have been sociable and intelligent hunters at least since the beginning of the Ice Age, and so have men," he said.

Colbert accounted for the many kinds of dogs by suggesting that when men acquired leisure, cultivating his food rather than hunting it, he began breeding dogs for special purposes.

Colbert told his dog story in the museum publication "Natural History."

## Kidney Exchange Now Predicted By Medical Men

Boston — A prominent medical scientist predicts today that people soon will be able to exchange diseased livers and kidneys for healthy new ones.

Dr. John P. Merrill, Pent Bent Brigham hospital director of kidney research, also forecast a bright horizon for sufferers of certain forms of rheumatism, high blood pressure, nephritis and rheumatic fever.

The treatment of cancer also will become possible once the medical researchers have overcome the last major obstacle — getting certain blood cells to match and work together, Merrill told a press conference.

Kidney transplants have become the most widely known operation of this type. Yet only transplants between identical twins—having the same type blood cells and chemical composition—have been successful.

"Transplant operations of tissues are technically successful," Dr. Merrill said, "but these operations are not all biological successes."

For some reason, tissue transplants between different people failed while six out of eight kidney transplants between identical twins were highly successful.

Merrill said researchers have learned that during the transplanting process, if the chemical composition between the patient and donor did not match, the tissue graft failed.

The graft failed, they learned, when it came in contact with the patient's white blood cells.

Los Angeles — The University of California at Los Angeles has announced the judges who will make final selections for UCLA's first annual foreign press awards.

The judges include: Raymond B. Allen, UCLA chancellor; Erwin D. Canham, editor of the Christian Science Monitor; Marquis Childs and Thomas L. Stokes, Washington columnists for the United Features Syndicate; Jonathan Daniels, editor of the Raleigh (N.C.) News and Observer; Alden C. Waite, president of Southern California associated newspapers; Robert E. McClure, editor of the Santa Monica (Calif.) Outlook, and Barry Bingham, editor of the Louisville (Ky.) Courier-Journal.

There will be five press awards, including the David E. Bright award.

All awards, \$500 series E bonds, will be presented at the Foreign Press Awards conference at UCLA May 15-17, with round trip air transportation form any point in the U.S. and housing for three days provided award winners.

Four press awards will be for "excellence and objectivity" in reporting of U.S. political and business affairs, U.S. culture and United Nations affairs.

The David E. Bright award will be for an interpretation of American history or contemporary life.

## Judges To Make Press Awards For California

Washington — Robert Backover has sent word to his leukemia-stricken daughter Saturday that he will be home Tuesday.

Backover advised his wife, Irene, in a telegram to tell "baby" he would be home Tuesday. She said the message came "from California."

The daughter, Paula Ann, 6, has said she would get better if her Daddy would just come back. She spent the day in children's hospital looking at her Christmas Bible and praying that her father would return.

Her father, Robert Lynn Backover, 28, has been missing since two weeks before Christmas. The day he disappeared he told his wife: "I'll see you tonight." His family hasn't seen him since.

The day he disappeared his employers, a bowling alley concern in suburban Hyattsville, Md., reported some \$2,300 also disappeared.

## Daughter Dying, Dad To Return

Augusta, Me. — The 1,957 Maine deer kill of 40,142 was the third highest since the state has kept records. There were 41,080 slain in 1951 and 40,290 in 1956.

## Tribune Expands In Bay Area

Oakland, Calif. — The Oakland Tribune has announced a \$1,500,000 expansion program, which it said was made necessary by the "spectacular growth of the area" it serves.

The Tribune, an afternoon paper, is the major daily newspaper in the East Bay. Publisher Joseph K. Knowland said the newspaper would add six new Linotypes, four Hoe press units, an additional Sheridan inserting machine and a new Parker tying machine.

The expansion will also include extensive remodeling of the Tribune building to accommodate the equipment.

The Tribune has a weekday press run of 220,000 and a Sunday circulation of 250,000.

Milwaukee — The good grade school deeds of Normal Bilty, 23, earned him a windfall. Bilty, who shoveled snow, cut grass and ran errands for Miss Lilla Brauband, 82, a teacher, in his younger days was willed 10 per cent of her \$300,000 estate.

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## Air Force's Hop Boosted For Space Ship Venture

Washington — Defense Secretary Neil H. McElroy has raised the Air Force's hopes for operating space ships and manned satellites.

McElroy told newsmen Friday he thought the Air Force "naturally" should get the coveted job.

The defense secretary's statement was a blow to the Army and Navy. However, he partially allayed the senior services' disappointment by saying his opinion was subject to change.

Air Force leaders have long maintained that space near and far above the earth is their rightful domain. However, the Army launched the only successful U. S. satellite so far and wants authority to put up a "whole family" of earth moons to carry out its role of worldwide mapping and communications.

The Navy, still struggling to get up its Vanguard satellite, is known to be interested in handling future space vehicles.

McElroy made his statement shortly after naming General Electric executive Roy W. Johnson to head the govern-

ment's new advanced research projects agency (ARPA) for development of outer space projects.

McElroy also indicated he favored letting present government agencies handle individual space programs once they reach an advanced stage. He appeared to be opposed to setting up a new civilian agency.

He indicated he thought the long existing National Advisory committee for Aeronautics was one agency well-suited for the job.

Other defense-space developments:—

—Authoritative sources in London said the first of four U. S. intermediate range ballistic (IRBM) missile bases to be established in Britain will be fully operational by the end of the year—ahead of schedule.

—McElroy announced that he and top aides will confer in Puerto Rico for four days

starting Feb. 21 in an effort to reach "tentative conclusions" on Pentagon reorganization. Chairman Lyndon B. Johnson (D-Tex.), of the Senate preparedness subcommittee announced meantime that McElroy would be called to testify Feb. 26 on progress the defense department is making in its various space-age programs.

Roy W. Johnson, the new ARPA head, is a 52-year old General Electric vice president in charge of the company's electronics production. He is an organizational expert rather than a scientist.

## Quick Thinking Saves Army Man

Augsburg, Germany — A quick-thinking GI gave his lifesaving answer to this question: What to do if you are hanging from a rope over a mainline railroad track—too far down to climb up and too high up to jump down and with a train bearing down on you.

It happened last month to Army Specialist 3-CL Durdward Lane, of Dudley, N.C., a member of the 11th Airborne division.

Lane said he was making a routine jump from a C-119 transport when he noticed he was headed for high tension

wires over the railroad track. The paratrooper managed to slip his body through the wires without touching them but his chute tangled in the lines and he dangled over the track. It was too far to cut himself free and jump down. Then he had an idea. The reserve chute at his chest. Lane said he opened it, tied it to the one he was hanging from and slid down—just in time to avoid an oncoming express.

The train snagged both of the chutes and "disappeared down the track with them" he said.

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