



ILLINOIS CHOICE - Jean Donnelly, DeKalb, Ill., center, has been selected at ceremonies in Chicago to represent Illinois in the Miss Universe contest. Shown with her are La Donna Moir, Chicago, left, and Beverly Zon, Riverside, Ill. The winner is a junior at Northern Illinois University. (UPI)

Normal Leg Use Made Possible By Hydraulic Device

Glendale Calif. - (UPI) - Don Colwell, a chunky, good natured fellow of 40, lost his right leg 19 years ago during a bombing raid on Tunisia. Today he can kick a football and play baseball.

Credit for Colwell's ability to lead a normal life must go to a miniature hydraulic breaking-control system built into modern artificial legs.

After two operations in Africa, Colwell returned home and began a 15-year-battle with unsatisfactory, clumsy prosthetics (artificial limbs).

But since 1958 when he was fitted for his first hydraulic leg, a whole new life has opened up for him.

Not only can he play football and baseball, he can also run and dances normally and helps other amputees as a prosthetic training instructor at the UCLA Medical center in nearby West Los Angeles.

Normal Use

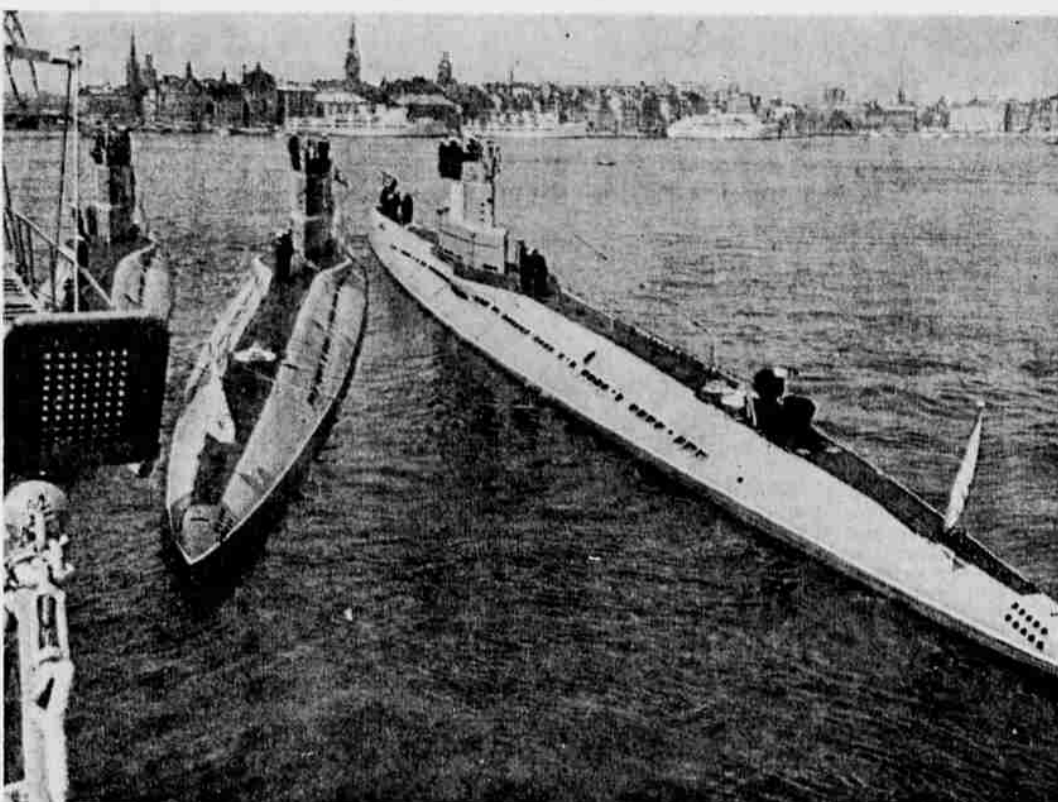
The new type leg weighs no more than a normal limb and can be worn by a single or bilateral above-the-knee amputee. It is operated by a downward pressure of the stump of the missing leg and body. This pressure activates three tiny hydraulic cylinders which cause the knee to bend, the toe to be picked up normally and the leg to swing backward and forward in normal stride, its speed controlled by the wearer.

The leg's basic hydraulic action was the brainchild 25 years ago of John Stewart of New Zealand.

Its leakproof hydraulic cylinder seal overshadowed the prosthetic possibilities and the Vickers Corp. of Detroit, Mich., bought the patent rights and adapted it for braking systems on farm machinery, airplanes and automobiles.

U. S. Manufacturing Co. of Glendale bought the rights in 1958 and adapted the device for amputee use. Aided by \$10 million in federal grants, the firm made additional improvements until, today, the hydraulic leg is virtually undetectable in use.

Made of laminated birch or willow wood, the legs are being sold to the U. S. and Canadian Veterans administrations. More than 2,000 of them have been exported to foreign countries, including Greece, Peru and Philippines.



SUBMARINES AT ANCHOR - Three Russian submarines rest at anchor in Stockholm harbor at the start of an official visit at the Swedish city. The overseas craft were accompanied by a "mother" ship, the "V. Kotelnikov." (UPI)

Reindeer Meat Tops Alaska Production

Washington - (UPI) - There was more reindeer meat produced in Alaska last year than beef and pork combined, according to the Agriculture Department's Statistical Reporting Service.

Reindeer meat, produced on Nunivak Island off the west coast of Alaska, totaled 485,000 pounds last year. Beef production in the new state totaled 309,000 pounds while pork production was 135,000 pounds.

The total value of farm production in Alaska last year was estimated at \$5,703,000. About 25 per cent of this was used by farm families. Milk represented 43 per cent of the value of Alaska's farm production, potatoes 14 per cent, and eggs 8 per cent.

LOOKING FOR COMPANY

London - (UPI) - A cow that escaped from a pasture Tuesday was found wandering near a pub named The Bull.

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CONTINENTAL TRAILWAYS

Insect World Seen By Biologist If Nuclear War Occurs

New York - (UPI) - A Johns Hopkins university biologist says there is a possibility of insects taking over the world in the wake of a nuclear war.

In a paper read at a scientists' conference on survival here, Dr. H. Bentley Glass, a member of the advisory commission on biology and medicine of the Atomic Energy commission, said insects could multiply "catastrophically" if a nuclear holocaust caused the death of birds.

Glass said the United States would be reduced to a tenth-rate power, incapable of industrial rehabilitation, in the event of a nuclear war.

"Nothing could save it, even if shelters effective against blast, heat and radiation have been provided for the entire human population — unless shelters also were provided for the animal population and for plants," Glass said.

"Homo sapiens . . . shares his domain with other living creatures and will never know how dependent he is on his biological environment until he has succeeded in destroying it."

Destruction of Birds

Glass said nuclear war would kill all wild and domestic animals but "an even greater disaster would be the destruction of birds."

He said insects can withstand 10 times as much radiation as man, and they, "not man or other proud species, are really the only fitted for survival in the nuclear age."

"The cockroach, a venerable and hardy species, will take over the habitations of the foolish humans," Glass said.

Sir Robert Watson-Watt, inventor of radar, told the conference it is the essence of a scientist's integrity to resist the release of forces beyond his control.

The renowned Scottish scientist declared it would be "a breach of our implicit Hippocratic oath in physical science" to launch a heavy handed attack on the Van Allen Belt by methods the consequence of which cannot be forecast and possibly may not be reversible. The trespass of metallic needles in the ionosphere is a breach of a scientist's ethical responsibility, Watson-Watt said.

Only Half-Educated

Watson-Watt said scientists and technologists have been only "half educated" . . . knowing about the humanities but emerging pathetically ignorant of humanity.

"For the scientist . . . the proper study of man is man," he said. "For all of us there is a recurrent question: Are we studying the stars above to shield our conscience from the stars below?"

Watson-Watt said preparations for killing were never

Driver Program Said Best in West

Salem - (UPI) - The Oregon driver licensing program is the best in the West, according to a national evaluation for 1961 by the National Safety Council.

The State Motor Vehicles Department said Oregon's program scored 97 per cent, as did programs of Illinois and Minnesota. Thus, Oregon scored with those two states for the second highest total nationally.

North Carolina and Maryland scored 100 per cent. California scored 94 per cent, Washington 87, Idaho 61, and Nevada 44.

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Welfare Recovery For May \$46,746

Salem - (UPI) - Welfare recovery collections by the Oregon Justice Department set a record of \$46,746 in May, Atty. Gen. Robert Y. Thornton said Tuesday.

This is the highest one month total since the welfare recovery division was established in 1955.

Of the May total, \$45,238 was in child support payments. The other \$1,509 was in welfare fraud collections.

The biggest chunk was collected in Multnomah, Clackamas and Columbia counties, for a three county total of \$29,128.

Other collections: Washington county \$1,843; Marion \$7,573; Linn \$3,158; Yamhill \$1,623; Tillamook \$655; Polk \$315; Lincoln \$570; and Benton county \$370.

21st Nuclear Blast Set Off in Pacific

Washington - (UPI) - The United States set off the 21st announced nuclear explosion of the current Pacific testing series Tuesday, dropping a "low yield" device from an airplane near Christmas Island.

THE LIGHT DAWNS

London - (UPI) - Passengers at Clapham Junction station are beginning to see the light. Workmen are removing wartime blackout paint from its glass roof.

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<ul style="list-style-type: none"> 30" Wide Pushbutton Controls Automatic Oven Temperature Control Removable Oven Door <p style="text-align: center;">Reg. 189.95 \$128</p> <p>Quantity Description Sale Price</p> <p>3 Apartment size—19 1/2" 4 Burner Reg. 199.95 127</p> <p>3 30-inch Deluxe Super Speed Unit. Reg. 249.95 187</p> <p>1 Double oven, Automatic, Non-Drip Top. Reg. 349.95 176</p> <p>1 40" Deluxe Double oven, Rotisserie. Reg. 589.95 399</p> <p>8 30" Deluxe "25 Million" Anniversary model. Reg. 339.95 259</p> <p>1 40" Deluxe 4 Burner, With Thrift Cooker. Reg. 309.95 252</p>	<ul style="list-style-type: none"> 10-lb. Tub Capacity Convenient Top Loading Partial Load Water Control "Deep Dip" Triple Rinsing Porcelain Inside and Out <p style="text-align: center;">Reg. 229.95 \$157</p> <p>Quantity Description Sale Price</p> <p>2 Deluxe 3-Cycle, Water Temp. Selection Reg. 269.95 189</p> <p>3 2-Speed, 3-Cycle All Porcelain Reg. 289.95 189</p> <p>2 Multi-Selection Controls, Deluxe Reg. 349.95 239</p>	<ul style="list-style-type: none"> Two Temperature Drying Easy Accessible Lint Screen No Special Wiring Needed <p style="text-align: center;">Reg. 199.95 \$128</p> <p>Quantity Description Sale Price</p> <p>1 Free Spin, Automatic Control Reg. 299.95 188</p> <p>1 Finest of all, Condenser Type, Best Buy Reg. 279.95 129</p> <p>3 Normal—Low—Wash-N-Wear, Speed Flow Reg. 239.95 145</p>	<ul style="list-style-type: none"> Deluxe Compact 10 Cu. Ft. 50-lb. Across Top Freezer Full Width Crisper Dial Defrost <p style="text-align: center;">Reg. 209.95 \$149</p> <p>Quantity Description Sale Price</p> <p>2 50 lb. Freezer Porcelain Crisper Reg. 239.95 149</p> <p>5 Upside Down, Deluxe, 14 cu. ft. With your operating refrigerator. Reg. 449.95 269</p> <p>2 Refrigerator-Freezer, Frost Free Reg. 369.95 299</p> <p>5 Upside Down, "Frost Free" 14 cu. ft. With your operating refrigerator Reg. 649.95 375</p> <p>5 2-Door 28" Compact Size, Auto. Defrost Reg. 339.95 239</p> <p>7 Upside Down, Deluxe 18 cu. ft. With your operating refrigerator Reg. 599.95 339</p> <p>2 Apt. Size 28" Wide, 50-lb. Freezer. Reg. 199.95 169</p> <p>3 Deluxe Apt. Size, 28" Wide, 50 lb. Freezer. Reg. 229.95 179</p> <p>6 Upside Down, "Frost Free" 18 cu. ft. With your operating refrigerator Reg. 749.95 479</p>
<h3>FREEZERS — UPRIGHT AND CHEST</h3> <p>Quantity Description Sale Price</p> <p>2 Family Size, Upright Reg. 249.95 179</p> <p>1 Large, Kitchen Size Upright Reg. 279.95 199</p> <p>1 Big 14 ft. upright Reg. 349.95 219</p> <p>2 Door, Combination Upright Reg. 449.95 269</p> <p>Quantity Description Sale Price</p> <p>2 20 ft. Chest Type Reg. 399.95 279</p> <p>1 24 ft. Chest Type Reg. 499.95 319</p> <p>Many Others, One of a Kind, Some in Color, Some Unscratched, Some Slightly Scratched.</p>			
<h3>HOTPOINT AIR CONDITIONERS</h3> <p>LIMITED QUANTITY</p> <p>8,000 B.T.U. \$185 9,500 B.T.U. \$219</p> <p>WITH CAL-ORE EARLY BIRD BUYER BONUS</p>		<h3>HOTPOINT DISPOSAL</h3> <p>HOTPOINT DRYER \$33</p> <p>HOTPOINT 30" RANGE \$114</p> <p>HOTPOINT DISHWASHER \$127</p> <p>HOTPOINT DISHWASHER \$139</p>	
<h3>BUILT-INS</h3> <p>Quantity Description Sale Price</p> <p>3 Builders' Special, Surface Units Reg. 95.95 58</p> <p>4 Builders' Special, Deluxe, Surface Units, All colors. Reg. 129.95 64</p> <p>3 Custom Oven, Automatic Clock. Reg. 154.95 99</p> <p>9 Builder Special, Drop-in 3 Unit Reg. 209.95 128</p>			
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