

Scientists Perfect Robot To Do Anything: Swing A Golf Club; Make A Tool

By BILL RAWLINS
KNOXVILLE, Tenn. (AP) — Every year manufacturers spend huge sums for new machine tools for next year's models.

His inventors say Weary Willie could do the job with last year's tools almost as easily as tuning a radio.

How about your golf game? Do you duck your head at the wrong time or twist your wrists too soon? Weary Willie can show you precisely how you swing and just what you do wrong.

If you're a busy executive, you can teach Willie to sign your name on hundreds of routine letters. You needn't worry about him forging checks. Willie can't think. He can only repeat motions taught him.

Weary Willie is an unphotogenic robot developed in the University of Tennessee electrical engineering department under the direction of Professors Paul Gromwell

Mitchell Blasts At Republicans

PORTLAND, Ore. (AP) — President Eisenhower will have to use stronger language if he really expects the Republican party to tone down its campaign against Democrats, the Democratic national chairman said here last night.

"He cannot dissociate himself in a lofty way from what is clearly a deliberate campaign line which virtually his entire party leadership has adopted," Stephen A. Mitchell told Oregon Democrats at a dinner meeting.

Of the press conference yesterday in which the President advised restraint in partisanship matters, the Democratic party chairman commented:

"He said he had not seen any accusations by members of his party charging that Democrats are tinged with treason."

"Doesn't he read the papers? Doesn't he listen to the radio? Don't they tell him what his own leaders are saying?"

Mitchell made biting references to Gov. Thomas E. Dewey of New York; Leonard W. Hall, Republican national chairman; and Secretary of Commerce Weeks, and said they all had taken part in a campaign to try to discredit the Democrats' loyalty.

He called it "a ballyhoo campaign of an extraordinarily ruthless and sinister nature—a campaign to drill into the public mind a suspicion that the Democratic party is somehow the party of communism."

In part the tactic is to divert attention from adverse economic reports Mitchell said, adding that the Republicans would have to accept responsibility both for economic conditions and for use of what he said were "unworthy" tactics.

"The secretary of commerce is the very man who has responsibility for action—yet he has all the Pollyanna optimism, all the complacency that the Republicans excluded last time when 'prosperity' was just around the corner. Ballyhoo is no substitute for leadership," Mitchell said.

Detroit Jobless Lists Large

DETROIT (AP) — In Detroit, a "distressed" employment area in government classification officially estimated 107,000 persons are out of work.

One of them is Korean War veteran Edward Achee, 25, who spent 33 months in Red prison camps. Released from periodic hospitalization two weeks ago, he hasn't found a job.

"I've really been pounding the pavement," he said. "Heck, nobody remembers the Korean War any more."

When he came back from Korea, he and his wife Margaret, 21, were momentarily famous. Bands played and television cameras caught them in a rapturous embrace when he stepped off the troop ship.

He wasn't bitter about his lack of a job but he was concerned. "Being out of a job is a lot better than fighting a war. But it's not pleasant," he said.

Achee said he was all but broke. He said he used his back Army pay to buy a car and pay Margaret's bills for three operations while he was in service. Margaret is working but she is expecting a baby.

Safety Deposit Is Not Very Safe

BALTIMORE (AP) — Albert Bruns submitted proof in Coram Pleas Court yesterday that he put \$10,000 in his safety deposit box at a Union Trust branch between Nov. 6, 1952, and Feb. 16, 1953.

When he returned to the box last June 15, it was empty. Even the tin container inside was gone.

Bruns sued the Union Trust Co. But evidence showed the lease contract Bruns signed for the safe deposit box included a stipulation that the bank would not be liable for the loss of any money kept in the box.

Bruns is out \$10,000. And the bank is out a tin container for a safety deposit box.

and C. H. Weaver, John P. DeBarber, former instructor in the department, brought him to his present stage.

Willie isn't a mechanical man. He's just a bunch of radio tubes; a two-channel tape recorder and a revolving cylinder, hooked up to remember motions taught him and repeat them exactly. As the nerve center of a potential mechanical jack-of-all-trades, he operates this way:

Say you want to teach him to write your name. You hook him up to your pen and go through the motions. He "remembers" them. Play the recording back and he signs your name.

Conceivably, you could do the same job with automatic devices now existing—off-center wheel affairs called cams—but first you'd have to figure out what you wanted the cams to do, then design a cam to do it.

Automatic operation isn't new—in chemical factories as many as 500 separate processes are fully automatic—but under system now used each step must be thought out beforehand.

Using Willie, a skilled craftsman could put a chunk of metal in a lathe and, with Willie "remembering" his motions, turn out any wanted part. Then Willie could take over to turn the rest all just like the first.

Willie can "forget" one motion and be taught a new one simply by erasing the tape recorder.

Of course, before you put Willie to work in the assembly lines you'll need to develop him further as a machine tool which Willie can adapt. You'll have to build tools designed to go with him.

"But it's only a problem in mechanical engineering to get Willie more complex," Weaver says. Will Willie take over many jobs men now have? Weaver says "no."

"It would merely make engineers out of more workers and make workers out of more engineers," he said.

But don't count on Willie's signing your letters or improving your golf game too soon, Willie, in his present form, costs \$200 in parts alone. A version complicated enough to swing a golf club would cost about \$50,000.

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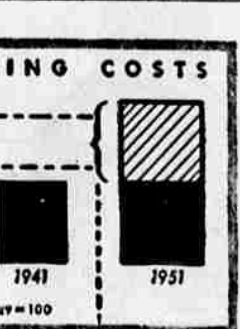
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MRS. IRENE TICE wasn't "roped in" at the daylight breakfast at the YMCA Tuesday, but she won a genuine lasso for her record in rounding up the most dogs (dollars) in the recent membership drive. She's shown here receiving the prize from Harrel Creasey.

Drownings Averted By Small Boy

PRINEVILLE (AP) — A 5-year-old boy managed to save himself and to pull his 3-year-old sister from an icy mill pond near here, their mother reported after watching helplessly from shore Wednesday.

Mrs. Wesley Hammersley said the ice cracked and plunged her two children into the middle of the pond three miles north of Prineville.

She heard their screams, and ran to the pond only to find the ice too thin to bear her weight, she said. She was pushing boards out toward the floundering children, when Jimmy, 5, managed to pull himself from the water onto ice which held up under him.

Then he hauled his sister, Brenda, to safety. Mrs. Hammersley said. She added that she put them into warm beds at home, and they appeared all right.

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Argument Ends In Two Deaths

SEATTLE (AP) — A detective's gun ended an argument he had with a 27-year-old police bureau clerk in her home Wednesday night as the two died of bullet wounds inflicted while the woman's horrified 5-year-old son looked on.

The victims were Mrs. Lugenia Teal, a divorcee, and Detective Dale Schmeiser, 35, married but separated from his wife.

Chief of Detectives Victor L. Kramer said Schmeiser and Mrs. Teal had been arguing in Mrs. Teal's house when Schmeiser drew his service weapon and fired one shot.

Mrs. Teal, a bullet wound in her chest, ran next door to the home of Mr. and Mrs. Visco Karabach. Mrs. Karabach said she heard a thump on the porch and ran out. Mrs. Teal screamed "Call an ambulance. He shot me."

Then, Ricky, the woman's son ran from the Teal home, screaming and crying, followed by Schmeiser, who put a gun to his head and shot himself.

Mrs. Teal was dead on arrival at a hospital; Schmeiser apparently was killed outright.

Mrs. Teal was the daughter of Stuart Whitehouse, former Tacoma

and Seattle newspaper man who now is a freelance writer. She attended Whitman College in Walla Walla after graduation from Seattle's Franklin High School.

Kramer said later he had always known Schmeiser as a quiet and competent worker and "nothing in his work was indicative of what happened tonight." Schmeiser had been assigned to the bunco detail. The shooting occurred about 7 p. m.

ANNUAL PARENTS and PATRONS

Sweetheart Ball Bonanza, Feb. 13

Dancing 10-2. King and Queen Crowned at 11:00

Square Dancing Little Gym - Bill Mayhew Calling Ballroom Dancing Big Gym - Music by "Hucksters" Admission \$1.00 Person - Admits to Either or Both

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