

Complicated Machine Regulates Body Heat

NEW YORK (UPI)—There is now a complicated machine for doing elaborately what the body, when in health, seems to do simply. It controls body temperature precisely, indefinitely and automatically.

To have your temperature controlled by this mechanical marvel you lie between two of its parts, a blanket and a mattress. They're made of continuous square plastic tubing embedded in plastic foam and are identical.

Each of these systems of tubing has both inlet and outlet. These are connected to a circuitry of pipes around which a fluid is pumped. In the circuit are both a refrigerating unit and a heat exchanger. To one side is an independent heating circuit, to be cut in or cut out. These control the temperature of the fluid. There are short cuts in the circuitry, to be opened or closed, which make it possible to change the temperature of the fluid from very cold to very hot in a jiffy.

Hooked to Computer
Presiding is a miniature computer. A probe is in the person between blanket and mattress through which the fluid is now circulating. The probe is hooked up to the computer which makes minute-to-minute calculations of

the temperatures of the fluid and of the probe.
It has been set in advance to whatever temperature the doctor wanted, and when the probe signals that temperature has been reached it holds it there to an accuracy of a hundredth of a degree (F) without fuss or bother.

This newest of medical-surgical devices was developed at Duke University Medical Center, Durham, N.C., and described in a technical publication of the American College of Surgeons by Drs. Robert L. Fuson and C. Ronald Stephen.

"The problem of temperature control in a patient is as old as medicine itself," they said. But now it isn't necessarily the normal body temperature which is desired. For some kinds of surgery a steadily maintained temperature much below normal is wanted, and for a few treatments a higher than normal temperature is helpful.

Permit "Drift"
To reduce temperature for surgery and maintain it at the lower level, ice bags and immersion in ice water have been generally used. These methods permit a "drift" in body temperature which is potentially dangerous. Fuson and Stephen said, "Drift" in their machine is never more than four-tenths of a degree and usually is less. They've designed tube-filled blankets in varying sizes and shapes. The smallest is intended to wrap around an arm or leg, to cool (or heat) it independently of prevailing body temperature. Another is a head mask shaped something like football helmet which will cool only head and neck.



NOT SO HARD — It was in the script of "Good Neighbor Sam," now being filmed at Columbia Studios in Hollywood, for Michael Connors to give Romy Schneider a kick in her shapely posterior during a quarrel. Connors kicked (right), but put too much power behind it and sent the lovely Miss Schneider sprawling (left). The scene will remain in the film, as director David Swift approved of Romy's three-point landing. —UPI Telephoto

Republicans Announce '64 Targets

WASHINGTON (UPI)—The Republican national committee said Saturday it will make Missouri, Michigan, Minnesota and Illinois principal targets in the 1964 elections.
The committee, in a statement, said it will put these states "in the spotlight" when it stages its Midwestern regional conference at St. Louis Nov. 22-23.
"These four states," the committee said, "with a total of 69 electoral votes, will be primary GOP targets in 1964. Illinois went Democratic by only 8,000 votes in 1960; Michigan was lost by a margin of 66,000

votes; Minnesota fell into the Democratic column by 22,000 votes and Missouri by 9,000."
The committee said that in each case an analysis of the loss showed "Republican organizational weakness" in the big cities was responsible. It mentioned Chicago, Detroit, Minneapolis, St. Paul and St. Louis.
The committee said it will make "a prolonged and concentrated effort" to bolster the Republican organizations in the big Midwestern cities. It added that holding the conference in St. Louis was "keyed into this effort."
Agenda topics include re-

ceiving reports on the organizational status of 13 Midwestern states and appraisal of that status; review of presidential campaign plans; early recruitment of candidates for congressional and state offices, and the role of the national committee on the state level during the campaign.

Chiropractor Disputes Hangover Cure

By DICK WEST
WASHINGTON (UPI)—Last month I gave readers of this column an exclusive report on a new hangover cure discovered by a New York advertising man.
To recap briefly, he drove away the evil spirits by going out on the prairie near Las Vegas, Nev., with 107 cowboys and falling down over a gopher hole.
The circumstances under

which this came about are rather complicated and need not be repeated. Suffice to say that some rather weird things go on in the advertising business.
In telling me of his discovery, the adman stressed the importance of having the right number of cowboys.
Although conceding that additional clinical tests would be required to prove his assumption, he reasoned that if any-

one tried to scrimp on the ingredients by using only 106 cowboys, the formula would lose its potency.
This sounded logical to me, but I now have at hand a letter from a chiropractor in Wapakoneta, Ohio, which puts the matter in a different light.
"I imagine, incidentally, that the chiropractic business is pretty good in Wapakoneta. Unless you are in training, you are likely to strain a muscle just pronouncing it."

expense of taking 107 cowboys to Las Vegas.
As it turned out, they could have cured their hangovers just as well by falling down at home.
I wouldn't recommend the home remedy, however. Unless you are mighty discreet about it, you can't fall down at home without causing a lot of talk among your neighbors.
I would say that Las Vegas probably is the best place to cure a hangover by the plummeting method, with or without cowboys.

Stassen Eyes GOP Race

WICHITA, Kan. (UPI)—Harold E. Stassen, sounding like a full-fledged candidate, said Saturday he is testing sentiment on getting into the race for the Republican presidential nomination.

But Stassen said that before he enters any contests he wants the GOP to adopt his policies and programs. Local observers regarded Stassen's words as an unofficial entry into the presidential race.

The former Minnesota governor, who was a disarmament advisor of President Eisenhower, said in a statement that he had been urged by an "increasing but limited" number of persons to seek the Republican presidential nomination.

"In testing the extent of this sentiment," Stassen said, "I will do so only on the basis of a thorough understanding by Republican voters of the program which I believe our country should follow."

Stassen called for a major reorganization of the United Nations.
"As president I would make far-reaching changes in policies of our country at home and abroad," Stassen said. "I would lift our foreign policy to a higher level, away from narrow nationalism, to a first concern for the future well-being of all mankind."

Stassen said the U.N. should: —Establish a permanent panel of mediators and a board of arbitrators to improve the process of peaceful settlement of international disputes.

—Appoint a United Nations inspector general who would be responsible for developing and operating the methods of inspecting agreements on limiting armaments and armed forces.

—Form a general council with authority to make recommendations on any matter within the scope of the organization's charter.

According to the chiropractor, the 107 cowboys that the adman hired were only an incidental factor in the treatment. He surmised that the "active" ingredient was the type of tumble the adman took.

"I believe the fall actually cured this man's headache by jarring displaced vertebrae of his neck back into place. Nerve tension, the immediate cause of his symptoms, was relieved and with it his hangover," the chiropractor wrote.

"Such freak accidental adjustments are exceedingly rare, but not unknown to the chiropractic profession. It is well known among chiropractors and their patients that almost any kind of headache — whether due to eyestrain, sinus congestion, or from alcohol, as here — can usually be relieved by an adjustment of the neck."

If this chiropractor has the right slant — and I have no reason to doubt it — then I certainly owe an apology to my readers, particularly those who have gone to the trouble and

Hallmark

YOUR CHOICE!
Select the designs to represent you this Christmas from our wide assortment of Hallmark cards in convenient boxed assortments.

BRODERICK'S PHARMACY
2212 So. 6th TU 2-4683
Open 9 am-8 pm Closed Sun.

Jacoby On Bridge

NORTH		18
▲ K J 5 4		
♥ Q 8 4		
♦ A K 3		
♣ K 8 2		
WEST (D)		
♠ 9 2	♠ 7 2	
♥ A K J 7 6	♥ 2 2	
♦ 10 5 2	♦ 9 8 6 4	
♣ A J 7	♣ 10 6 5 3	
SOUTH		
♠ A Q 10 8 6		
♥ 10 8 5		
♦ Q 7		
♣ Q 7 4		

North and South vulnerable
West North East South
1♥ Dble Pass 2♠
Pass 3♠ Pass 4♠
Pass Pass Pass
Opening lead—♥K

'Echoes' Can Help

By OSWALD JACOBY
Newspaper Enterprise Assn.
In the early days of contract, the late Ely Culbertson conceived the idea of a bridge summary. This summary covered both bidding and play and condensed a great deal of information into a small volume. While the Culbertson name appeared on the summary, the work was largely that of Albert Morehead.
Last month Al came out with his own contract bridge summary. It is sold in both paperback and hard cover editions.
A sample paragraph from his book reads, "Encouraging Signals. Play (or discard) an unnecessarily high card. This is called the 'comeon' tells your partner to lead, or continue leading, the suit."
"When you follow an unnecessarily high card with a low one you are completing an echo."
North probably should overcall with one no-trump instead of doubling the opening heart bid. He has 16 points and 4-3-3-3 distribution. Even then, the chances are that he and South would arrive at four spades instead of the sure three no-trump contract.
West opens the king of hearts, and East has the simplest echo situation there is. He wants his partner to continue heart and, while his highest heart is that small three spot, he plays it.
If West is not looking at the spots carefully he may not read that three spot as encouraging. If he is, he will wonder about the deuce and continue with the ace. East will complete the echo with the deuce and a third heart lead will let East make a small trump. Later on, West will set the hand with the ace of clubs.

SUITS...
"Soft to the touch"

with our **SANITONE Soft-Set FINISH**

...the luxury fabric finish you get only with our true, professional drycleaning. Call on us today.

CASCADE LAUNDRY
and Dry Cleaners
Opp. Post Office TU 4-5111

NEW METHOD CLEANERS
Gold Bond Stamps
1453 Esplanade Ph. TU 4-4471

BROADWAY CLEANERS
Green Stamps
4615 So. 6th Ph. TU 4-6403

Trucks Radio Dispatched for Fastest Possible Service

♥CARD SENSE♥

Q—The bidding has been:
South West North East
1♠ Pass 1♦ Pass
2♥
You, South, hold:
▲▲2♥▲KJ5♠3▲AQJ87
What do you do?
A—Bid two hearts. You don't want to stop short of game.

TODAY'S QUESTION
You do bid two hearts and your partner rebids two no-trump. What do you do now?
Answer Tomorrow

STAR GAZER
By CLAY R. POLLAN
Your Daily Activity Guide According to the Stars.
To develop message for Tuesday, read words corresponding to numbers of your Zodiac birth sign.

ARIES MAR. 21 - APR. 20 12-16-40-42 45-52-69	Taurus APR. 21 - MAY 21 1-7-20-64 65-66-74	GEMINI MAY 22 - JUN. 21 3-8-10-25 28-50-83-85	CANCER JUN. 22 - JUL. 23 13-18-30-33 37-77-78	LEO JUL. 24 - AUG. 23 13-18-30-33 37-77-78	VIRGO AUG. 24 - SEPT. 23 5-6-9-22 24-27-72	LIBRA SEPT. 24 - OCT. 23 21-29-32-38 41-46-61	SCORPIO OCT. 24 - NOV. 23 15-17-56-57 60-71-82-88	SAGITTARIUS NOV. 24 - DEC. 23 1-2-11-23 25-27-69	CAPRICORN DEC. 24 - JAN. 23 1-2-11-23 25-27-69	AQUARIUS JAN. 24 - FEB. 19 14-19-26-31 34-35	PISCES FEB. 20 - MAR. 21 11-19 35-39-54-59 62-67-89-90
---	---	--	--	---	---	--	--	---	---	---	--

THANKSGIVING SPECIAL

FREE Home Trial

Whirlpool DISHWASHERS

Model SKP-30

Priced as... **148 88**
Low As...

On This **HOLIDAY**
Take a **HOLIDAY**
from Dishwashing!

Come in right away and make your choice from the selection of Portable Whirlpool Dishwashers for your Free Home Trial on Thanksgiving.

MERIT'S
335 E. Main TU 4-4478

BUDGET NEED A LIFT?

SAVE ON FOOD HERE

SNBOY ORANGES 4 lb. bag **59¢**

Red Del. - Golden Del. - Newtons - Romes APPLES 4 cello bag **39¢**

EMPEROR GRAPES 2 lbs. **25¢**

DEL RICH MARGARINE 5 LBS. **69¢**

MAYONNAISE qt. **39¢**

DIAMOND A CUT BEANS 303 TIN **4 FOR 87¢**

PURE GROUND BEEF **39¢ lb.** Ground Fresh Daily

WHITE STAR TUNA 3 1/2'S FOR **97¢**

MINCEMEAT 28 OZ. **39¢**

WHOLE CORN 2⁰/_R **37¢**

BABY FOOD 8⁰/_R **51¢**

TREND LIQUID 29¢

LYONS 1-LB. **69¢**

BAKERY SPECIALS

CHERRY ANGELFOOD **99¢**

LARGE - UN-ICED

ASSORTED DINNER ROLLS DOZ. **39¢**

BETTY CROCKER CINNAMON ROLLS 9 1/2-oz. **4 PKGS \$1.00**

Oregon FOOD STORES

Prices Effective Through Wednesday Night While Quantities Last

STOCK MARKS: SUNDAYS & HOLIDAYS 10 a.m. to 7 p.m. WEEKDAYS—9 a.m. to 8 p.m.