

THURSDAY PROGRAMS

30 p.m.—Musical
2:00 p.m.—Film Festival
2:30 p.m.—Today at Home
3:00 p.m.—Momegt of Trut
3:30 p.m.—Take Thirty
4:00 p.m.—As The World Turns
4:30 p.m.—Razle Dazle
5:00 p.m.—39 Half Hours for TV
5:30 p.m.—Mus. Hop
6:00 p.m.—Canada at War
6:30 p.m.—Gazette
7:00 p.m.—CBC TV News
7:15 p.m.—Keyboard Melodies
7:30 p.m.—My Favorite Martian
8:00 p.m.—Fisher Knows Best
8:30 p.m.—Petitica Junction
9:00 p.m.—Gomer Pyle USMC
9:30 p.m.—NHL Semi-Final
10:00 p.m.—At Home With Helen Crocker
10:30 p.m.—Moment of Truth
11:00 p.m.—Take Thirty
11:30 p.m.—As The World Turns
12:00 p.m.—Razle Dazle
12:30 p.m.—Mus. Hop
1:00 p.m.—Supper Club
1:15 p.m.—Lionel Television News
1:30 p.m.—Weather
1:45 p.m.—Sports
1:55 p.m.—Supper Club
2:00 p.m.—12 O'Clock U.S.C.
2:00 p.m.—The Rogues
2:00 p.m.—Gomer Pyle U.S.M.C.
2:30 p.m.—NHL Semi Final
2:30 p.m.—Toronto vs Montreal
12:00 p.m.—CBC TV News
12:15 p.m.—Viewpoint
12:20 a.m.—Lionel Television News
12:25 a.m.—Station Sign Off

CFCY RADIO

THURSDAY
6:30—News and Weather
6:35—Morning Roundup
6:45—Island W. Mar. Temp.
6:48—Morning Roundup
6:55—News and Weather
7:00—Hebrew Christian Hour
7:15—Morning Roundup
7:30—News & Weather
7:35—Farm Report
7:41—Morning Roundup
7:45—Island W. Mar. Temp.
7:46—Morning Roundup
7:46—Sports Capsule and Scoreboard
8:00—News
8:11—Weather
8:16—Morning Roundup
8:45—Weather
8:50—Atlantic News Roundup
8:58—Thought For Today
9:00—CBC National News
9:11—Preview, Commentary, CBC
9:16—Notes & Music
10:00—News — Weather
10:05—Notes and Music
10:40—Mr. Co-op Program
11:00—News & Weather
11:05—News and Views On Groceries
11:20—Notes and Music
11:45—Bulletin Board
11:50—Notes and Music
11:55—Atlantic News Roundup
12:00—Weather
12:05—P.E.I. Road Report
12:07—Town and Country Time
12:30—News — Weather
12:45—Town — Country Time
1:00—News — Weather
1:05—Town — Country Time
1:15—What's On Top—CBC
1:45—Town and Country Time
2:00—News — Weather
2:05—Mostly Music
3:00—News Headlines & Weather
3:03—Trans-Canada Matinee—CBC
3:30—Tops In Pops
4:00—News Headlines and Weather
4:03—Canadian Roundup—CBC
4:10—Tops In Pops
5:00—News and Weather
5:05—The Outposts
5:25—20—Marine Weather
5:28—The Outposts
6:00—News and Weather
6:15—On Parliament Hill—CBC
6:20—Today's Editorial—CBC
6:25—Sports Parade
6:30—Business Barometer—CBC
6:35—Tonight's Music
7:00—Back to the Bible
7:30—News & Weather
7:45—Program Schedule
7:46—Red Cross Program
8:00—Tonight's Music
8:58—News Headlines and Weather
9:00—Citizen's Forum—CBC
9:30—Winnipeg Pops Orchestra—CBC
10:00—CBC Nat. News. On Parliament Hill & Speaking Personally—CBC
10:30—Variety Showcase—CBC
11:00—News & Regional Weather
11:05—Starlight Serenade
11:30—News & Weather
11:35—Starlight Serenade
12:00—CBC News, Weather & Sports

CBA RADIO

THURSDAY
6:00—The Morning Show, Part 1
7:00—The Morning Show, Part 1
8:00—CBC News and Inland Weather
8:15—Maritime Sportscast
8:21—The Morning Show, Part 2
8:45—Max Ferguson Show
9:00—CBC News
9:11—Commentary
9:16—A.M. Chronicle
10:15—Playroom
10:30—To Market With Music
11:00—CBC News
11:05—Joan Marshall
11:15—For Consumers
11:20—Record Album
11:30—The Archers
11:45—Trumpeters Lullaby
12:00—Jamboree Junction
12:15—Rafael With Rafael
12:30—Maritime Farm 'n' Cast
1:00—CBC News and Weather
1:15—What's On Tapp
1:45—Time Out For Melody
1:59—O.C. Time Signal
2:00—Time Out For Melody
2:15—Atlantic School B'Cast "Old Favorites"
2:30—Atlantic School B'Cast "Adventures in Songs"
2:45—To Market With Music

Little Known Design Firm Gets \$10 Million Contract

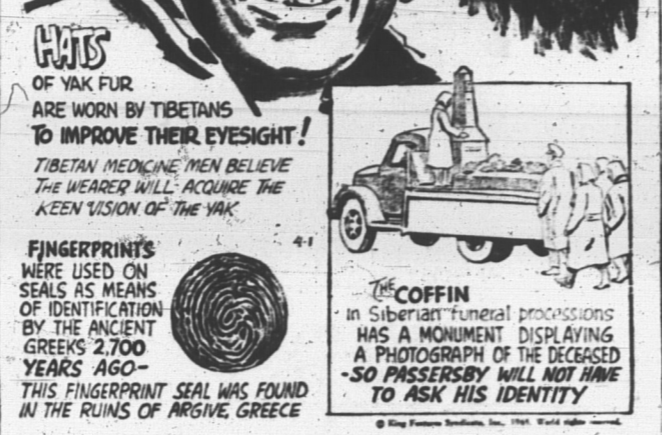
TORONTO (CP) — A design and engineering firm, little known in Canada but with a growing international reputation for having developed the first major advance in mining technology in half a century, has won a \$10,000,000-plus contract from a large United States corporation.
The firm, AeroFall Mills Ltd. of Toronto, produces advanced milling systems that pulverize ore-bearing rocks so the minerals can be extracted for refining.
Although the systems are little used in Canada, the latest award from a U.S. Mining Corp. for 11 of them to operate in one plant is just one more overseas success for AeroFall. Its systems now are operating in iron-ore mills in France and Sierra Leone, a copper mill in Southern Rhodesia, an aluminum plant in Greece and gold and uranium mills in South Africa.
Since the basic system can easily be adapted to anything that needs crushing, AeroFall mills are also being used in fertilizer and cement plants in Britain and Norway.
The firm's biggest Canadian operation is at the Iron Ore Co. of Canada property in Labrador, where six of the systems are used.
SYSTEM IS UNIQUE
Both AeroFall and its 53-year-old president, David Weston, are unique in several ways. The company uses no salesmen and depends primarily on word-of-mouth advertising to win customers.
Employing a revolutionary milling process designed by Mr. Weston, he holds a score of basic patents on the design—the AeroFall system combines into one operation—three or four steps under old milling systems. Because of this, it can cut in-

stallation, maintenance and operating costs by up to 50 per cent.
Heart of the system is the milling drum which weighs 250 tons and whose diameter is from five to 28 feet. The larger units can handle 400 tons of ore an hour.
Broken rock is fed into the drum, revolving at a speed of 17 feet a second. As the drums turn, the rocks are thrown against each other and are broken up further.
A forced-air system carries out the pulverized rock and minerals, feeding them into separators that sort the residue according to size.
The systems, made mostly in Canada according to AeroFall's specifications, cost between \$100,000 and \$1,000,000 each. They have a life expectancy of about 50 years but the liners of the drums must be replaced every one or two years.
AUTOMATION BUILT IN
An executive of one major mining outfit says the system's biggest advantage may prove to be the high degree of automation built in by Mr. Weston's design. The automated controls enable one operator to handle a plant that can crush 20,000 tons of rock a shift, compared with six or more operators using the old milling systems.
Mr. Weston started incorporating automated controls into the systems about 10 years ago. "It was obvious then that men could not control the machines to turn out the quality of ore that would be needed," he said in a recent interview.
He set up his own firm—Milltronics Ltd. of Peterborough, Ont.—to produce the controls. This firm, now controlled by Union Carbide of Canada, still makes all the systems' controls.

WORKED IN QUEBEC

During the early part of the war he was assigned to the Military College of Science in England and later was appointed superintendent of a combined services research establishment in Quebec.
After his discharge in January, 1946, he finished his concept of his invention and formed his company, acting

RIPLEY'S BELIEVE IT OR NOT



WITS OF YAK FUR ARE WORN BY TIBETANS TO IMPROVE THEIR EYESIGHT!

FINGERPRINTS WERE USED ON SEALS AS MEANS OF IDENTIFICATION BY THE ANCIENT GREEKS 2,700 YEARS AGO—THIS FINGERPRINT SEAL WAS FOUND IN THE RUINS OF ARGIVE, GREECE

THE COFFIN in Siberian funeral processions HAS A MONUMENT DISPLAYING A PHOTOGRAPH OF THE DECEASED—SO PASSERSBY WILL NOT HIDE TO ASK HIS IDENTITY

U.S. STATE DEPT. PROBE OF EMPLOYEES DROPPED

WASHINGTON (AP) — The state department has promised to call off tests that probe its employees' minds and sex life.
The decision was relayed by Representative Cornelius Gallagher (Dem. N.J.) who had planned a special investigation into "an insidious and illegal search of the human mind."
A state department letter promising an end to such psychological tests came, Gallagher said, after he announced his planned probe.
Gallagher listed these as some of the questions employees were supposed to mark off as true or false:
My father was a good man.
My sex life is satisfactory.
I enjoy reading love stories.
I believe in the second coming of Christ.
I believe women ought to have as much sexual freedom as men.
I loved my mother.
I believe there is a God.
Once in a while I laugh at a dirty joke.
I wish I were not bothered by thoughts about sex.
And so on for 566 such questions, said Gallagher.
WRITTEN ANSWERS ASKED
And in addition, he added,

DAILY CROSSWORD

Crossword puzzle grid with clues for Across and Down words.

DAILY CRYPTOQUOTE

Here's how to work it:
A Cryptogram Quotation
ATW BGAT EN HEYKI XDW-
IWKXW PE ATDEYJT ATW ATPXO
NEDWHA EN HOWBAPXPHV.—KG-
ATGK
Yesterday's Cryptogram: POWER INVARIABLY MEANS BOTH RESPONSIBILITY AND DANGER.—THEODORE ROOSEVELT

CONTRACT BRIDGE

By B. JAY BECKER
South dealer.
Both sides vulnerable.
NORTH
A J 10 9 8
Q 8 2
WEST
J 7 6 4 3
8 4 7
7 6
Q J 10 6
SOUTH
10 9 8 5
K Q
A K 5 3
A K 2
The bidding:
South West North East
1 Pass 1 1/2 Pass
2 NT Pass 6 NT
Opening lead—queen of clubs.
This deal comes from a team of four match. At both tables the final contract was six no-trump, but the slam was made at one table and defeated at the other.

OUR BOARDING HOUSE MAJOR HOOPLE

