

The Herald and News

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Good Idea

By HAL BOYLE

NEW YORK (AP) — Sometimes it pays to spend a little time with the kids.

An hour devoted to helping two of his four children has set Martin Umanoff, 32-year-old industrial designer, on the road to becoming a millionaire.

One evening last December his two daughters, Laurie, 8, and Sandee, 7, came to him and said: "Daddy, we're trying to learn to tell time, but it's too hard. Can you help us?"

The problem intrigued Umanoff, a former Air Force sergeant. Puzzles had interested him since childhood, much of which he had spent in a wheelchair as the result of a polio attack.

With crayons, cardboard and a thumb tack he invented a new-type clock within half an hour. The left side was clearly marked "before," the right side "after." The hour numbers and hour hand were red. The minute hand and numbers in blue.

Using his simplified clock he taught his children to tell time in 15 minutes.

"We have since found that any child, even as young as 4, who can read numbers up to 30 can learn to tell time in a few minutes," Umanoff said.

His children took the working model of his clock to school the next day. The teachers immediately asked for more. Within a few weeks Umanoff made and distributed 1,000 free.

Then a school principal told him:

"Your clocks are a wonderful idea, but children need to learn more than simply how to tell time. They need something to teach them the importance of time."

Umanoff's answer was to create a cartoon character called Terry Tell Time, a half-imp, half-child in a Tyrolean hat.

The little character has proved — as did Mickey Mouse and Davy Crockett — an immediate commercial bonanza.

Umanoff has leased rights to manufacturers for \$20,000,000 worth of merchandise using his Terry Tell Time symbol. There will be 230,000 Terry Tell Time children's watches made next year. There will be Terry Tell Time school pads, Terry Tell Time toothbrushes, school bags and some 55 other toys and products.

There will also be a Terry Tell Time television program for kids which Umanoff is arranging to distribute to 150 stations.

Although Umanoff has invented a dozen other items, including a fingernail fountain pen (it puts fresh polish on clipped nails), the little Terry Tell Time character has overshadowed all his earlier creative efforts. He is still a bit stunned by his quick success.

"Who would expect that an hour spent on a child's problem would change your whole life and grow into a multi-million-dollar business?" he asked.

"The kids themselves haven't asked yet for a share of the profits. They do ask me if I can't spend more time with them—I'm so busy I only have one day at home."

"But it's their own fault. If they hadn't asked me to teach them how to tell time, I'd have more time now to play with them."

Solar Autos

By LLOYD NORTHAUD

(United Press)

Cars powered by the rays of the sun may be commonplace in the United States by the end of the century.

That's the opinion of James Zeder—a vice president of one of the nation's leading auto companies.

Zeder points out that scientists and engineers already know how to get electrical energy from sunlight by means of a silicon converter.

"If we continue to increase the efficiency of these converters," he says, "and if we are able to develop small, efficient energy storage cells, it's possible that sometime before the end of the century the automobile industry will be producing cars driven by solar power."

Industry leaders are generally agreed that solar power has a better chance than atomic power to become the standard power plant for the cars of the future.

They say size will be the determining factor.

And it appears more likely that small silicon converters will fill the bill. Nuclear power plants of the present era are king-sized and there is considerable doubt that they can be trimmed down to a size which cars can accommodate.

Zeder says expanding knowledge of nuclear and solar energy has brought abundant power for people everywhere into sight.

He considers the control and supply of that energy one of the greatest challenges facing the engineer of tomorrow.

The executive says—and we quote—"Today, there is hope that... with the skill and imagination of the engineer... the consumption of energy throughout the world will be raised to the level we have in this country."

The auto industry knows well that the gasoline engine—through necessity—will one day become obsolete.

Sometime in the not too distant future the world's known oil resources will have been used up. Engines of the non-petroleum variety will be a must.

"There is still a tremendous job ahead for all of us," Zeder says. "We cannot grow complacent."

"The minds of engineers—in sufficient quantities—will be of vital importance in our efforts to solve the vexing technical problems of the future. Their solutions to these problems may well determine whether the world is to continue on the road of sound progress."

Solar powered cars may seem a long way off. But so did atom bombs and earth satellites less than 20 years ago.

No Handicap

By STEVE SMILANICH

United Press

Rifle shooting is not a sport for the weak hearted.

Maybe that's why it came so easy for 18-year-old Robert Bates. And perhaps that's what makes him one of the outstanding young men in his hometown of Bingham Canyon, Utah.

Robert is a University of Utah freshman who ranks among the top junior riflemen in the United States. In order to achieve success in this field the Utah teen-ager has had to display more heart than most young men his age. Robert has been without the use of both legs since childhood when he was injured in a sleigh riding accident.

A typical American youth who loves sports, Robert has capitalized on the opportunity sports and recreation plays in rehabilitation to completely change his outlook on life.

Robert is a man of many talents but most of his success has come in rifle shooting. A youth leader in Robert's church got him interested in marksmanship three years ago. Of the original group which started the class, Robert is the only one still active.

As a member of the Oquirrh (Oak-her) Rifle and Pistol Club he has won the second highest award presented by the National Rifle Association.

To win this award he climbed through 13 elimination tournaments and in 1955 was ranked 47th in the nation on the basis of his marksmanship.

Robert's interests and still wins most local shooting events in his age group. His father, Charlie Bates, an employee of the Kennecott Copper Corporation at the giant Bingham open pit mine, comments, "We never have to buy a turkey for Thanksgiving. Robert wins several during the various turkey shoots held in the area."

His mother adds, "Bob wouldn't miss a shooting event for anything. Often we have had to drive him in cold and snowy weather to get to a number of meets."

Robert's interests are not confined solely to rifles. He is active in the Boy Scouts and holds the rank of Life Scout. Inability to receive a merit badge in swimming prevents him from becoming an Eagle Scout.

He also plays the accordion and during the summer months is employed as an arts and crafts instructor by the Salt Lake County Recreation Department. His mother says he has made enough money teaching crafts and selling leather products to finance his schooling.

Robert is a graduate of Bingham High School where he was in the top 10 per cent of his class. He was also active in school activities, serving in various class offices. Studies at the University of Utah have curtailed Robert's rifle shooting activities, but he manages to compete whenever he can.

He drives to school every day, a round trip of 50 miles. Robert won two scholarships to the university where he has hopes of becoming a mechanical engineer.

People who see this young man in action marvel at his ambition and energy. Robert has a single mission in life. His goal is to perform to the best of his ability

his numerous undertakings. Thus far he has had unusual success. His most immediate goal is to obtain a degree in his chosen field.

Robert Bates is the type of person who refuses to stand still. Critics who picture America's younger set as an irresponsible, do-nothing group would quickly change their opinion upon meeting Bob Bates, marksmen and student.

Space Flight

Editor's Note — Doctor Arthur R. Kantrowitz, an internationally recognized authority on space flight, believes that within three years it will be possible to send a man into space and bring him safely back to earth. Doctor Kantrowitz, a visiting professor at Massachusetts Institute of Technology, had a major role in the development of our intercontinental ballistic missile. Here he describes the problems that must be solved to attain man's space flight.

By Dr. A. R. KANTROWITZ
CAMBRIDGE, Massachusetts — What has to be done before we can achieve manned space flight? The first problem is the launching. The launching of a vehicle large enough to carry a man obviously requires very powerful rockets and requires that these rockets be well guided. Thus, our ability to launch a manned satellite into orbit is closely related to our ICBM capabilities.

We have been and will continue to devote great effort to achieving ICBM capabilities soon. The country is thus heavily committed to the development of large, reliable rockets with accurate guidance systems. It will therefore be interesting to delineate the other problems which must be solved before manned space flight can be achieved.

The first group of problems are the physiological ones which have been under investigation by the Air Force and Navy Aero-Medical services. There are the accelerations which man must experience in launching which may be as much as 10 times gravity. There is a good deal of experience to indicate that a man suitably positioned can take this.

When he is out in space he will be weightless. This condition is one which unfortunately cannot be duplicated on Earth for more than a short time. Authorities on this subject do not believe that this will be an insurmountable problem.

There are unusual radiations to be met in space (primary cosmic rays, solar X-rays, etc.) from which we are ordinarily protected by our atmosphere.

The evidence is, however, that a very thin metal skin will protect a man against these radiations other than cosmic rays. The consensus of professionals is that cosmic radiation hazard will probably not be a severe risk for a space flight of a few days. Studies are being made of these radiation effects upon animals carried aloft in capsules to high altitudes by balloons.

The problems connected with food, water, oxygen supply and waste disposal do not seem particularly difficult. There is a weight allowance required on the order of 10 pounds a day for supporting a man in these three requirements.

Next, there is the well known possibility of meteoritic impacts and there seems to be a considerable likelihood that impacts by microscopic meteorites will have to be expected. Protection against these can again be achieved with a thin outer skin. It is known that impacts with large meteorites are a rare phenomenon. This is a risk which will have to be taken; however, it is known that many meteorites have existed in space for a period on the order of billions of years without being eroded away by impacts with other meteorites.

Thus, it appears that at the present time no great scientific discoveries are needed to achieve manned space flight. It thus becomes a matter for decision. Is America willing to pay for it?

It is not yet clear how or whether manned space flight will be important in a military sense. Historical perspective in this respect can be useful to supplement the deficiencies in our imagination. Some of the revolutionary weapons of this century were the airplane, radar, nuclear energy. In all of these cases the initial developments were undertaken with non-military objectives in mind. The airplane was once just a challenge similar to that of the present-day challenge of space flight.

Radar was once just a powerful way of studying the ionosphere. The obvious applications of nuclear energy were not to bombs but to the generation of power.

It is my opinion that America cannot afford to gamble that this pattern will not be repeated in space flight.

Praise

Klamath Falls (To the Editor)

—Our local police department has been ranked over the proverbial coals for an alleged case of brutality and misconduct by two of its members, and I have not heard one word of praise nor has any one stepped forward to speak in their behalf.

Whether the instance occurred or not will be for the powers that be to determine. In the two years plus that I have been a Main Street businessman, I have had to call in the police on several occasions and in every instance the situation was handled effectively and promptly. There have been times when the officers have taken verbal and physical abuse far in excess of what any of us would like to take without returning as good as it was given.

One of the officers on the beat came in the other night with a black eye, and I asked him if he forgot to duck. His reply was that he had to wait for the man to swing first, "what else could I do?"

They are under the gun. They have to deal with people who are not at their best and with an undesirable group of floaters who we could all do better without. It's a tough job.

I have talked to a large number of Main Street operators and they are of the same opinion. So when we call in our public officers to do our dirty work, or when they just do their day's work which we all take for granted let's not be too slow in backing them and letting them know we appreciate their efforts. Let's not condemn a lot of good men because charges have been brought against two of them which still have to be proven.

We all like and expect praise when it's due for efforts that are much less distasteful than a police officer's every day job.

Bob Wilson

OTI Supporter

Klamath Falls (To the Editor) — I am what you might call a football enthusiast. I like nothing better than to watch a good football game, whether it be high school or college.

At the present time, I am a senior at KUHS. We have just finished our most disastrous season in our school history. That, however, does not dampen my loyalty to KU one bit. Nor did it hurt our crowds, and my fellow students who loyally followed KU all year.

Then I look at OTI, and I must admit I am ashamed at what I see, (or what I don't see). Fans and students at their college games are almost nonexistent.

I have attended most of the OTI football games this year that were played on Modoc Field. At these games, the most support I ever saw given OTI at one time was maybe 1,500 people (fans and students included).

It seems that everybody wants OTI as a college here, but do very little to support it in its athletic events.

I just wonder what the other schools and colleges think of Klamath Falls as a whole when only 100 people turn out for a game.

Wayne Salisbury
KUHS Student.

Quotes

By UNITED PRESS
WASHINGTON — Adlai E. Stevenson, on arriving here for bipartisan conferences with Secretary of State Dulles aimed at strengthening the Western alliance.

"(America's allies) need us and we need them more than ever and I am here to help if I can to bring about a closer military and political association through NATO."

WASHINGTON — Sen. George D. Aiken (Vt.), in criticizing newly-appointed government foreign affairs consultant Adlai Stevenson for signing a Democratic Party statement critical of the Eisenhower administration.

"I think they (Democrats) made it pretty clear that foreign policy will be a major issue in the next congressional election."

NEW YORK — W. C. Handy, composer of the "St. Louis Blues," at an 84th birthday celebration attended by throngs of well-wishers at the Waldorf-Astoria Hotel.

"What a night this is. This is something that lets me know I'm on the right track."

They'll Do It Every Time

By Jimmy Hatlo



Sacred Heart Balloons Used On Building

Honoring the Trojan players, a banquet was given at Reams Golf and Country Club on Thursday at 6:30 p.m. by the Boosters Club. Dr. Robert Harrahill was the toastmaster.

During the dinner, coaches Rex Hunsaker and Ralph Carr from OTI spoke on sportsmanship and the benefits received from playing football. Coach Gerald Kempf from SHA and Larry Jackson, president of the Trojan Letterman Club, also addressed the group.

Those awarded football letters included the following: Don Collins, Don Horn, David Beard, Delbert Folk, Ivan Pankey, Tom Amberg, Michael Brumble, Andre DeBel, Larry Jackson, Robert Anderson, Kenneth Arne, George Hurley, Bill Wilkinson, James Durrell, Michael Slowsky, Allen Thill, and managers, James Cox and James Hatfield.

The team and cheerleaders received free tickets for this event. Eighty-five parents and friends were present.

Entertainment was provided by Coach Kempf, who played the piano. The Rev. Alfred Fisher led the group singing of "Smiles" and "Home on the Range."

Girard waits for verdict

MAEBASHI, Japan (AP) — The Japanese bride of GI William S. Girard prayed to Buddha today as she and her husband awaited the verdict in his manslaughter trial.

Girard, 22-year-old specialist third class from Ottawa, Ill., will go tomorrow to the small Maebashi district courtroom where his trial began 2½ months ago.

He will learn then whether the Japanese court has found him guilty of manslaughter in the death of Mrs. Naka Sakai, who was shot last Jan. 30 as she collected scrap on a U.S. firing range at Sonagahara.

Only three of about 450 U.S. servicemen tried in Japanese courts have been acquitted, but sentences usually are light and often are suspended.

Haru (Candy) Girard, who married the soldier shortly before the trial began, was before a candlelit altar today in her rented room at Ozumi.

"Oh, Lord Buddha, have mercy," she prayed as incense smoke drifted to the ceiling.

Her eyes red and swollen, the 28-year-old bride said if Girard received a jail term she would like to serve it for him.

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THYLOX MEDICATED SHAMPOO 150

World agricultural production in 1956-57 is estimated at about 17 per cent higher than the 1948-52 average.

ABILENE, Kan. (AP) — Equipment troubles slowed the process, but only 22 working hours were needed over the weekend to erect an aluminum factory building by using two big balloons.

Work was completed on the domed, no-beam structure yesterday morning. The builders had hoped to finish it in less than 24 hours after starting Friday night. It is about five stories high.

The huge balloons were inflated so they lifted diamond shaped aluminum panels into place. When all panels were riveted together the balloons were deflated and withdrawn.

The giant upside-down bowl, which cost about \$100,000, will house the Fi-Fo Conveyor Co., a manufacturer of pneumatic conveyor equipment.

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