

Volume 3 - Number 7

Employees' Publication of Tektronix Inc.

January 5, 1955

## Tek Foundation Reports Progress On Pain Project

The Tektronix foundation was set up as a non-profit corporation to give money or material to educational, scientific and charitable causes that are either the most deserving or who are limited by lack of funds. Tek Talk has received the first progress report on how this money is being spent from the medical school of the University of Oregon's department of surgery.

#### Two Year Grant

A grant-in-aid of \$8,000 a year for two years was given to the 'Pain Project' of the medical school's surgery department. The purpose was to provide salaries for neurophysiologists and anatomists, trained in oscilloscopic recording techniques, whose services will further the progress of research investigations by members of the cooperating group in the 'Pain Project'.

This is a research project in which experts in various fields from different departments of the medical school are pooling their talents and interests in a study of human pain problems, particularly those adaptable to laboratory investigation and which could lead to a better under-standing of the causes and treatment of pain. One of the principal studies under way is the tracing of responses to tooth-pulp stimulation into the brains of cats. Tektronix oscilloscopes permit these responses to be traced through various parts of the brain and it becomes possible to study the effects of anesthetic and analgesis drugs on the responses in particular parts of the brain. At the present time this study is focused on drug effects on responses recorded in the mid brain.

The grant was made in June 1953 and has provided the salaries for three experts in oscilloscopic techniques who have worked in the 'Pain Project' for variable periods. Each of the experts has been able to further the work of others in the group with investigations under way, such as the tracing of tooth-pulp responses. In additions individual studies have been completed which are to be published in scientific journals

The grant-in-aid by Tek's foundation has been used exclusively for salaries for these expert assistants. They have been Raul Hernandez-Peon a neurophysiologist from Mexico City who had been working as 'fellow' with H. W. Magoun and his colleagues at Los Angeles. Dr. Peon had been granted a Guggenheim fellowship permitting him to spend an additional year with Dr. Magoun but was able to join Oregon's medical group for six months while waiting for the Guggenheim to become available. In addition to keeping the project moving, he was able to make some individual studies which have been accepted by the Journal of Neurophysiology for publication.

Karl Erik Hagbarth was our second addition and is a young Swedish neurophysiologist who was in this country to study for a year under Dr. Magoun in Los Angeles. Dr. Hagbarth worked on the project for the last three months of his stay and in collaboration with Dr. Peon made valuable studies in functional organization within the 'recticular forma- other year at Oregon.

### Tek Engineer Dies From Heart Attack



Virgil Brittain, instrument develop ment engineer in Tektronix's engineering department died December ? from a heart attack suffered at work. Virgil joined Tektronix May 19, 1952. He worked briefly in assembly, in test and in drafting prior to beginning instrument development.

He was born in La Grande, Oregon in November 27, 1908, and made his home in Portland since 1920. He attended Oregon State college, and has been associated with radio and radar work continuously since 1926. He was a member of the Institute of Radio Engineers, American Institute of Electrical Engineers, Professional Engineers of Oregon and a registered professional engineer. He also held radio-telegraph and radio-telephone licenses.

Virgil designed our new type 53-E, the high-sensitivity plug-in unit now going into production. At the time of his death he was working on a new 4-channel, switching plug-in unit and on a new type of cathode

### Plant Plays Host

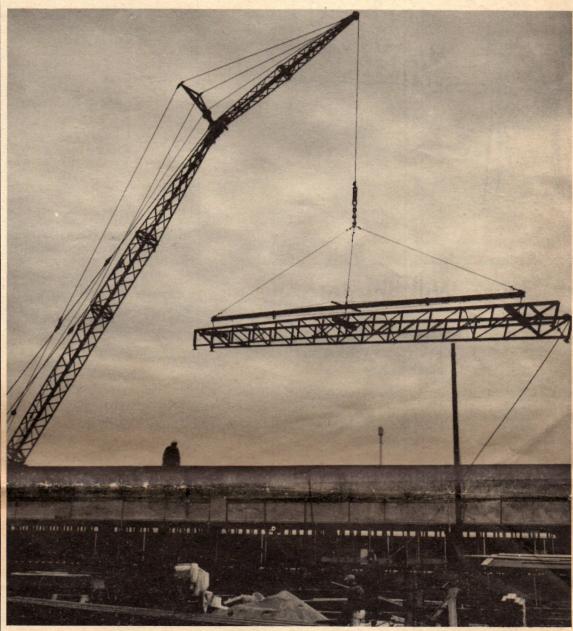
Tektronix played host to a group of 50 members of the National Association of Purchasing Agents for a plant tour on December 14. Bob Fitzgerald, Tek's purchasing agent acted as host.

The senior automotive engineering students of Oregon State College with Professor Paul went through the plant on December 3.

Tek again showed the plant to a group of 25 students from Oregon State on November 26 who came with their professor, Arthur Albert. This was a group of 25 whose majors are in physics, science and electrical

Visitors are always welcomed to Tektronix as we feel it is good business to acquaint people in the community with what we are doing and with our methods of manufacture. However please check with your group leader or department head who may arrange for a brief tour of the plant. Any large groups must be checked with personnel as it is necessary to arrange in advance, for guides and for the conference room.

tion' of the mid brain as well as other investigations. He is now in London taking a special course in EKG recording. His life work is research in neurophsiology and at the completion of this year in London will return to Stockholm although the medical school through the Foundation has offered him an-



A striking picture in the morning sky has been the steel erection now going on in the new addition to Tektronix. Shown in the picture suspended from the crane is the structual steel being inched into position. rection of Bill McCord, construction superintendent for Tektronix.

The work is being done by the Goodat Crane Company and the construction is under the over-all di-

LIPSTICK and MISTLETOE! What a time we had at our Christmas party! Everyone wore pink shirts (transformers, especially) with faces to match. Tek looked more like Swedish Smorgasbord than an electronic assembly plant. Ham dinner in transformer department. Turkey in capacitors. Ham and salad luncheon in front office, were just examples. All the girls looked beautiful. More pretty Christmas dresses! Luscious perfumes! and sparkling personalities galore! Wasn't Hubert darling? And not really scared of Bob Davis, were you, Hubert? We are looking forward to seeing you again soon. And Bob Durk., next time we'll sing even louder. (And a few more of us might be 'coaxed' into coming to choir practice.) Don't they sound professional? By the way, it was Marybelle Rash who tied the mistletoe on the lights in inspection. Remember, boys, there's another Christmas coming! And Corky, quit whistling (puckering) when the girls go by. Halo's worn in front office brought some cute results. Bob Durkoop's gang gave an impromptue serenade to Eve Fitzgerald (in white wings and halo) sung to the familiar "Halo, Everybody, Halo". Thanks to the shop boys, we had a wonderful "Theatre". Wonderful crew around here. And to all who took part in the program-WELL DONE. We loved all of it. HAPPY NEW YEAR!

# Tek--Mistletoe Lane Ski Bunnies Try First 'Schuss'

By Gloria Montag

mined to learn to ski! We enlisted Juri Kauk as an instructor, Harda for an audience and the first weekend in December we embarked.

Plans were made to be up on the nountain bright and early for a full day's skiing but somehow we didn't make it until 12:30. The weather was wonderful and everyone was champing at the bindings.

The first thing we learned was how to carry skis and so help me there must be an easier way! Step two: mounting the skis is quite a process. The first ski is a snap but the second one is as elusive as the 'big one that got away.' The procedure is to cross the first ski over the back of the second to hold it firmly while the you bend over to fasten the bindings but oops,-away it goes. Securing the skis finally became a task for our instructor.

After a considerable amount of time spent in sliding forward and more time sliding backward we succeeded in arriving at the top of a gentle (it looked that way) slope. We were now ready to schuss— "weight flat on both skis". Our knees were bent, our fannies were up — faster, poles down — faster head up (trees looming ahead, still on a limb or two.

This year Dick and I were deter- there and crash). Now Juri tells us, "Fall uphill, poles down."

> This trial run only resulted in climbing the hill again and learning the "herringbone" —— somehow I seemed to go downhill better than forward. I remember, fall uphill and I did. Looking up I saw Dick coming toward me in a wide-open schuss and knew that forever I was to be marked with skis. At the last minute he veered in favor of a slice of tree and continued downhill. Later in the day we learned he had forcibly been stopped by a submerged stump that left him scared and numb.

> Hours of falling, climbing and falling went by and we retreated to the cabin to nurse bruises and bent

Being of stout heart and weak of mind we returned the next day and attempted the snowplow stop which worked in spite of the "bathtubs" and "sitzmarks" that punctuated each attempt. Dick and I concluded that it was a wonderful experience and are determined to master the art. Skiing has always attracted the interest of a number of Teks. Ski trips will be planned if enough people sign up now and be the first in your group to sport an autographed cast



## Tek Trust Will Inventory Your Retirement Trust Fund

By Don Ellis

with your money? The Administra- husband, of course?) Or do you tive Committee of the Tektronix Profit Sharing Retirement Trust is planning to announce an inventory of the Trust Fund, probably as part of your annual statement next February. Quarterly reports will be received by the committee from the trustee in February, June, October and December. If there is sufficient, interest, these reports will be dis-

The Tektronix Fund in the final analysis is an investment of your money. The Committee has decided that a means should be provided for you to express any strongly felt objection to any particular investment. For this purpose the following provision has been added to the by-

At least once each year, usually soon after the close of the Employer's fiscal year, an inventory of the investments and assets of the Trust Fund will be reported to the participants.

If, after discussion with at least one member of the administrative committee, a participant finds a specific investment or group of investments in the trust fund objectionable, he may make known such objection by presenting it in writing, signed by 1/10 or more of the participants, to the administrative committee. Within 14 days of the receipt of such an objection, the administrative committee must either agree to direct the trustee to eliminate the objectionable investment or invest- recovery. This great work can only ments from the trust fund, or after suitable explanation, submit it to a vote of approval of all the participants. If 1/3 of the participants disapprove, the committee must direct the trustee to eliminate the objectionable investment or investments from the trust fund as rapidly as is practical. If thereafter the administrative committee wishes to repurchase the climinated investment, it must first secure the approval of 2/3's of the participants.

The trustee will have no responsibility for advising any participant of the nature of investments or of any specific investment, and no responsibility for change in investments, unless and until directed by the administrative committee in accordance with the terms of the Trust

And now a reminder. Have you had any new babies lately? Have

Are you interested in what we do you acquired a new name (with for any reason, need to change your beneficiary card? If so, see Norma in personnel.

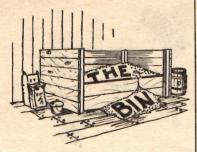
#### Prevention Is Hope For 1955 Campaign

The theme of the 1955 March of Dimes is "It's a Bigger Job Now." This reflects the expansion of the fight against polio in the longed-for realm of prevention. Vaccine has become the big question for this year. Undergoing intensive scientific study in the hope that they hold the key to polio prevention are 1,830,000 children. These are the children in 44 states who took part in last summer's historic tests of the Salk polio vaccine, developed through March of Dimes research.

Development and testing of the vaccine, coupled with the widespread demand for gamma gobulin added 50% more to the March of Dimes needs in 1954. Now the massive job of checking case histories and blood samples is underway. By the time the next polio season hits, we should know if the vaccine worked; if it didn't other tests must go on until polio is conquered. The year 1954 witnessed the third highest incidence in polio history

Remember that your contributions help save lives -- then rebuild the lives that are saved. Today's patient room. has a splendid chance for maximum go on by everyone's continued sup-





Deane and Myrt Kidd visited at Tektronix the last week in November for an oscilloscope survey for the army, navy and air force. Deane was formerly the purchasing head for engineering supplies and Myrt was also in purchasing. Chet Haskell in the maintenance department is Myrt's dad. It was certainly nice to see the Kidd's at Tek again and we hope they come back soon. They are now stationed in New Jersey.

Our vote for one of the most unusual Christmas presents displayed in the plant was that given to Miller Duris (capacitors). As Tek employees know he is a George Goble fan and his gift was made by Aldean Feitush - a large ceramic cup holding three cups of java. Inscribed was the favorite Goble quote, "They don't make them kind anymore. I'll be a dirty bird."

Touring assembly's Christmas party was a new kind of angel in the presence of Kate Probstfield who wore a halo of mistletoe and used it to full advantage. Heard while passing, "You should try this too, it has a certain magic."

Irene Wilson and Dixie Kahn (assembly) came back in December after a two weeks driving tour that took them from Portland to Mexico with stops in San Francisco and Los Angeles.

From the Philadelphia office the word that John Mulvey and Dorothy Bennett are presently having a "todo" with the Army's signal corps over a bid for sixty "511-AD's". This bid is the result of a former job for the signal corps that stemmed from General Electric's Syracuse plant. The "511-AD" is now a non-catalog item and is made to special order

Frank Thomas and Leo Wulft have finished their Bronxville indoctrination and are now bona fide field engineers. Frank is remaining in Bronxville and Leo is established with the Baltimore field office.

It is rumored that Frank became an expert at "Bingo" while "resting" at the Gramatan Hotel. (Although he took many a \$1 bill away from kind old ladies they still invited him back and we are inclined to blame the pink shirt and charcoal gray

On Monday, November 29 the unit wiring group surprised Fay Brown with a baby shower in the conference

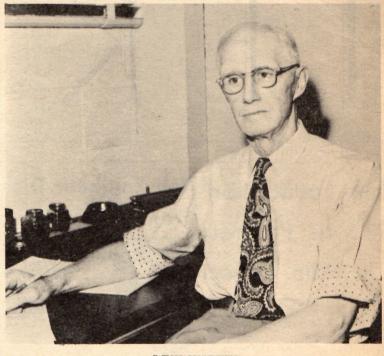


First addition to the Ron Van Dyke family (transformers) was a boy, Philip Wayne on December 6.

Scott Foster would like to record one extra deduction, Scott Foster III on December 2.

Susan Louise is the first child welcomed in the Ed Mitchell household

### Debits and Credits for Tek



LEW WITTER

functions as pay checks, cash dispayable is Tek's senior statesman, Lew Whitter.

Lew was born in Ottumwa, Iowa and migrated to the Isle of Pines which is south of Cuba where he met his wife Claudia, a Wisconsinite who was teaching school in the same vicinity. They were married in Havana, Cuba on January 28, 1908 and continued living on the Isle of Pines where their first son, George was born. From there they moved back to the States and started acclimating themeselves for Oregon with a long stop at Port Arthur, Texas. Lew occupied the position of city clerk here for 8 years and added his second son Jack to the family. The Witters moved finally to Oregon in November, 1919.

In Portland, Lew became a member of a local firm which put in the Oregon Liquor Control Commission's accounting system. This led for the system for 8 years. At the pitches in and does their job.' beginning of the war he went to

Heading up such highly important | Albina Engine and Machine as the internal auditor. When the war bursements, accounts receivable and ended, the Witters took a much deserved vacation for three months and then began Lew's association with Tektronix in March, 1949.

> Lew's eldest son, George lives in Los Angeles and their two grandchildren, Dorothy and George, Jr. provide the Witter's vacation destination each year. Their other son, Jack is still an eligible bachelor and lives with the Witters in Portland.

Lew's main hobby is fishing. He is a fly fisherman and in answer to the query where did he like to fish. The answer was simply, "all over Oregon." He did admit to favoring the Deschutes area and the coast streams. The Witter's mutual hobbies include traveling and grand-children which in their case amount to the same thing.

He stated that there was nothing unusual about their office except the lack of supervision. Tek's accounting staff numbers four and as to Lew's post as chief accountant Lew puts it so well, "Everyone

### Here We Are--There They Go--They Don't Make Them Kind Anymore







Ken Dellinger

Betty Pray

Gordon Allison

Pray, and two new field engineers, Gordon Allison and Ken Dellinger leave January 4 for indoctrination at l'ektronix, New York.

Gordon has been in test since "way back when", and lately started gazing at greener clover in distant eastern meadows. A fast course in the office in quotations, notations, allocations and general "info" hurled at him from field offices and customers failed to dim the Gordon grin. His motto—"A quip is better than a whip."

Ken had field experience when he rapped at Tektronix' gate last summer so he spent most of his time absorbing great gobs of test lore. Ken also helped organize and teach the new class in electronics now mentally muscled by Si Corn.

Portland's gift to the field for the transformer department. Coming New Year — three of Tektronix' back to Tektronix a few months ago, w field secretary. Betty and she has been complete efficience someone shoved a typwriter at her since. The Pray larynx is a great gift as anyone who heard her sing at the Christmas party will testify. Here's a "doll" that will try anything that looks like work - our guess is that Fred Hart will have her vivi-secting a "517" before begonias bloom. Betty was so thrilled about the new assignment she tripped around on pink clouds clutching her airplane ticket for all of December.

> This fledgling crew embarked on a United flight January 3 as their many friends waved farewell at the airport. Five Dellingers, three Allisons and Betty flew to Detroit to pick up two, new, shiny Fords and from there the caravan is on to New

Stand by, New York, for a fresh crew. Lots of luck and don't any-Betty had previous experience in body forget to send us postcards.

# Tek Talk

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## Tek Talk Salutes:

In a wire story appearing in all newspapers in mid-December was a publication of an army secret weapon. This story concerned a mortar locator radar which called to mind Howard Vollum's work during World War II. Howard received a second award of the Legion of Merit medal for his part in designing and building the very first successful model of a mortar locating radar. The ultimate result is described in the story quoted as follows:

"Sperry Gyroscope Co. here announced a new radar apparatus it says has proved a vital aid to Army ground forces in tracking down the source of enemy fire.

Sperry says the new equipment, until now kept secret, helped spike at least one major offensive during the Korean war by pinpointing the location of enemy batteries. American ground forces in several theaters are now equipped with the detecting systems, according to the company, a division of the Sperry Corporation.

The new set-up consists, among other things, of a gasolinepowered motor generator, an automatic radar tracker mounted on something that looks like a 40-mm gun carriage, and a big, dish-shaped antenna, all hauled about trailer-style behind a light Army truck. The result, says Sperry, is a mobile electronic locator, that acts as a triple threat, serving as a sentry, warning of enemy movements and pinpointing enemy mortar locations for destruction."

As many Tek employees may know from first hand experience during World War II, mortars were a very serious problem. The army was working on the problem during the latter half of World War II at Evans Signal laboratory, Belmar, New Jersey. In addition to designing a brand new radar for the special purpose of locating enemy mortars as described in the news artical above, existing field radar sets were modified. It was hoped that a modified existing radar could be a partial answer for the field forces and to save lives.

#### **Futureamics Win Bowling Trophy**

The first half of Tek's bowling season finished on December 20 with the Futuramics and Mix-Ups battling out a tie for first place. In the first game the Futuramics won by a lone pin and the second game assured them of the title. Third place went to the Ink Spots and the Sleepers ended up in the cellar.

At a banquet to be held in January the trophies will be awarded to the winning team. Additional trophies will be given Don Mulvaney and Jean Jackman for the high series; Don Calnon and Kay Bartmess for high averages; and Harlow Loucks and Marian Arnold for high game.

#### **Vending Machines** Throughout Plant

Vending machines have now been placed in strategic locations throughout the plant so that each unit now enjoys the same facilities as the as-

New addition to Tek's personnel is Roy Luse who sees that hot foods are taken to the shop and tube plant.

Candy, gum, cigarettes, even cough drops are now available. In the near future a complete line of soft drinks will be added to the other dispensing

These machines are designed for convenience to the employees and will show no profit. Only profits accruing are from the cigarette machines and these go towards summer campships for under-privleged child-

The trouble with the marriage crops is that they're too divorcified.

We understand that the father of teen-age daughter was the first to tear a phone book apart.

Man was the original creation; woman is just a buy product.

### Tek's Singing Twosome



CLYDE AND RUTH FABER

Tek twosome for this month are married in November of 1947 and known to their many friends as a singing twosome — Clyde and Ruth Alaska. Clyde took a GI corres-Faber sing together for their own enjoyment but so well that they are always on the spot at any party for entertainment. Specializing in western songs their most frequent request is "I Don't Hurt Anymore."

Clyde was born in Alaska in Metlakatla which is on Annette island near Ketchikan but came to Oregon to attend highscool in Newberg. Finishing highschool he went home to work on an army air base and volunteered for the army in 1943. His tour of duty was in the Aleutians. Developing glandular trouble he was in army hospitals from Fort Lewis to Denver, Colorado and was discharged in March, 1946.

Taking advantage of the GI bill, Clyde went to school at George Fox (formerly Pacific) where he majored in math and met Ruth. They were has even built a set of his own.

spent the summer up until 1950 in pondence course in radio as a hobby and as he expressed it, "it paid off." This radio knowledge led to a job at Tek where he has been for the last three and a half years. Ruth has just started with the company.

The Fabers have two boys, Michael and Garry. They purchased a new home in June of 1954 and think of Alaska as a vacation only. Clyde's hobbies are skiing and he is a member of the Tek basketball team. He is now learning to play the guitar so that he can use it for accompaniment in their duets. Ruth specializes in her two boys and does some gardening when time permits.

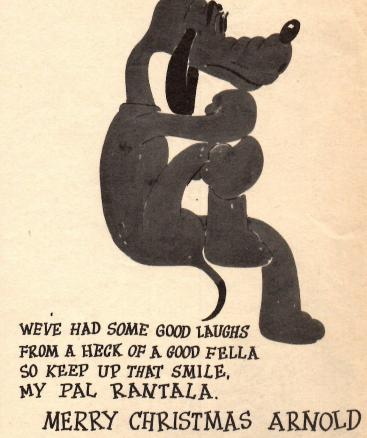
Ruth also stated proudly that they never needed a repair man in the Faber household although Clyde specialized in radio tinkering and

### Jack Murdock's New Beech Bonanza

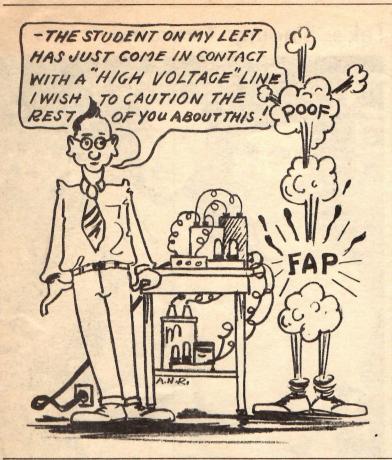


Proud new possessor of a Beech Bonanza is Jack Murdock who traded in his Tri Pacer on December3. Cruising speed according to Jack has been upped from 110 to 140 mph. Jack's new plane is a four place, all metal, low wing, with retractible landing gear and variable pitch propellors. It is roomy with good visibility, and is well equipped with modern navigation

aids, including an omniscope. We now expect membership in the Flying Club to go up 10% and if you see a silver plane with bright, red trim and a "V" tail, wave at Jack. The Bonanza is considered by some the ultimate in private single engine planes and if you need any convincing, ask the new owner.



Tables were turned on cartoonist Arnold Rantala as Lloyd Olson presented him with this Christmas card which Tek Talk selects as one of the most unusual displayed in the plant.





### Credit Union Plans 2. Q. What Are Shares? **Annual Meeting**

The nominating committee for the credit union met on December 13 and selected officers for the election of officers at the Cu's annual meeting on January 13. The committee is made up of Ivan Arnold, Arlene Martin, Norma Caulfield, George Roussos, Bob Cogan and Al Foleen.

Nominations from the floor will be welcomed but the following qualifications are necessary: a member of Tek's credit union; no loan outstanding in excess of share holdings; willingness to give their own time for the credit union.

### Credit Union Questions & Answers

- 1. Q. How Much Or How Little Can A Member Invest In Shares?
  - A. Shares are \$5.00 each. Shares may be purchased in installments. No member is permitted to have shares in excess of 10% of total shares.
- - A. Shares are investments in the 4. Q. May Children Join? Credit Union. They represent a portion of ownership and receive a dividend from earnings at a rate determined at the end of each calendar
- Q. May Savings Be Owned In Joint Tenancy?

A. Yes. Any one person may be

a member as a joint member. Joint members do not have the privilege of ballot, are not covered by life insurance protection, and are qualified to sign a membership card. Savings may be freely withdrawn or deposited by either joint member.

A. Minor children as well as wives or husbands of members of the Tektronix Credit Union are welcomed to invest in shares. The usual fee of \$ .25 is paid in the name of the minor. (The life savings insurance plan applies to minors.)

### Let's Have Another Cup Of Coffee

Howard F. Pollitz of the public relations department of Standard Oil Company (Indiana) enjoys his coffee as well as the next person, but he also likes to figure. Says Howard, "After reading the report on the coffee break survey in the News Letter, I made some quick calculations. Do you know that two 10minute coffee periods a day amount to a little more than 2 weeks off during a year for each person?"

Here's how it works:

There are 52 weeks per year; We work 5 days per wee This means 260 work days available

during the year. 10 work days vacation per and 6 paid holidays, which means we work 244 days Multiply this per year. by 20 minutes per day (two

10-minute breaks) and we have 4880 minutes off per year divide 60 minutes per hour and we get 81.33 hours per Divide this

40 hours per week and we 2.03 weeks per year off for Coffee Breaks.

(At \$1.35 per hour average base rate at Tek, this costs us \$109.80 per year per person, for coffee breaks. For 500 people this amounts to \$54, 900.00 per year - not including the cost of the coffee.

If Tek people become just a little careless and allow the 10 minute breaks to creep up to 15 minutes each time, the annual cost jumps to \$82,500.00. Instead of 2 weeks per year per person, the time jumps to 3 weeks per person.)

In addition, we pay bonus on the coffee break.





THIS CANDY BAR KING IS REALLY A TERROR WITH A BRAND NEW IDEA FOR A FULL LENGTH MIRROR

#### - - - - GIGGLE BOX - - - -

fully.

New Year's Resolutions:

Betty Jones (assembly): Never to ask whether its 3:30 yet before the morning coffee break.

Marybelle Rash (production office) and Barbara Lawson (purchasing): We resolve to stay sober during the electronic classes.

Frank Lucero (inspection): Never to have anything to do with women.

Ed Kiepke (inspection): Resolved: To let my wife be boss part of the

Grace Gibson (office): Not to say anything sarcastic to Ken Dellinger ifter January 4. (Ken leaves for the

Maryellen Stevens (office): To turn over a new leaf - whenever Les's sox get holes in them, I'll buy him a new pair.

Ruby Carter (capacitors): To do my Christmas shopping early and mers waiting.

Thieves respect property. They merely wish the property to become their property so that they may more perfectly respect it. - Gilbert Chesterton

People who have no weakness are terrible; there is no way of taking advantage of them. — Anatole

avoid the January exchange line.

Mary Lulow: To lose weight. Ken Dellinger: Resolved to find

out who made the mistletoe halo. Doug Prouty (printing): Resolves to sell his spurs at half price to Bob

Livingston. Bob Livingston (printing): Says he will resolve to wear them faith

Harlow Loucks (printing): Will keep Bob Livingston's guitar in good tune at all times.

Bill McCord: To always abide by the weather man in the hope that he will always be kind to construction projects.

Drafting Room: Highly resolved to find more mistletoe days in the

Stock Room: For 1955 we will not keep any of our women custo-

In the offices of the International Business Machines Company, headman Tom Watson likes to have signs commanding "Think" plastered about the premises. Search is now in progress for the miscreant who pencilled "Or Thwim" on the bottom of all of them after the staff had gone home one night.

#### ---ELECTRONIC LOVE ---

If she wants a date	Meter
If she comes to call	Receiver
If she wants an escort	Conductor
If she's pretty	Scanner
If she's tired	Carrier
If she's shy	Amplifier
If she's noisy	Suppressor
If she's a poor singer	Tuner
If she's tempermental	Regulator
If she plays the field	Attenuator
If she's hysterical	
If she's kissable	Oscillator
If she's ready to leap	Doubler
If she jilts you	Eliminator
If she's a bachelor girl	Converter
If she doesn't answer	Interrogator
If she's cheating	Detector
If she's fat	Condenser
If she's thin	Feeder
If she's extravagant	Limiter
If she's wild	Controller
If she's in error	Rectifier
If her hands are cold	Heater
If she fumes and sputters	Insulator
If she's ugly	Transformer
If she's too slow	Accelerator
If she's bored	Exciter
If she likes your family	Inductor
If she's bossy	Resistor
If she refuses	Rejector

#### Tek Talk's Junior Parade





Linda 6; Steven, 1 and Douglas 3

the happy family of Gene Cavanaugh

Smith, Daughter of Ruth Becker on her 7th birthday



David, 21/2; Ronnie, 61/2; and Gary 5 sons of Ron (crt) & Lucille Wold



These are the sons of Fran Rinehart, Looks like the Easter Bunny didn't unit wiring; Roger, 6½, Jack Jr. 10½ miss Chris (10) and Linda (8), last



Danny Becker, son of Ruth Becker

following suit on his 3rd birthday

year - Helen Thome's (crt) children

NOTICE: For the convenience of all concerned it has been requested that anyone having pictures of their children in this and future issues, to please pick them up at photog. department in the tube building. Thanks