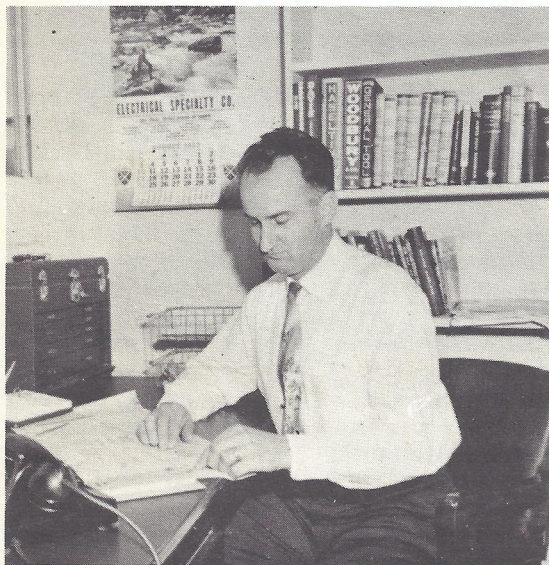


TEK TALK



VOL. I NO.11

SEPTEMBER 1952



MILTON BAVE, one of the owners of Tektronix, is on the Board of Directors and is a Vice-president of the company. He is in charge of all mechanical production and hires all personnel in connection with the Shop.

Born in Ohio, Milt graduated from Mentor High school in 1935 and worked from 1936 to 1939 for the Ohio Rubber Company in Willoughby, Ohio. This company made all sorts of rubber items for the industrial world but specialized in rubber floor mats and running board mats for cars. Milt also worked on installations of airbrake equipment on diesel trucks and tractors for the Euclid Road Machinery Co. in Euclid, Ohio.

In 1943 he was drafted, by a quirk of fate, into the Coast Guard. While training at the Coast Guard center, his high IQ and grades in the aptitude tests decided his training as a radio technician, but his interest still bordered more on the mechanical side. Having had the highest mechanical ability rating in a group of several hundred radio technicians, it is no wonder that this fact, combined with his natural talents in that line, should find him in the type

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NEW INSTRUMENTS DISPLAYED AT SHOW

The Western Electronics Show was held at the Civic Auditorium in Long Beach, Calif. during the week of August 25th.

New instruments about which we have been hearing so much recently were on display. Also displayed were the standard and already known Tektronix products.

HOWARD VOLLUM, DEANE KIDD, and DICK ROPIQUET, Engineering Department, and DAL and SCOTTY from Sales attended.

The Western Electronics Show is held each year in conjunction with the convention of the members of the Institute of Radio Engineers comprising the members of the seventh region (11 western states).

* * *

FIRST YEAR COMPLETED

The Transformer Department started its second year of operation in the new plant on August 28.

HOBBY SHOW

September. A magic time of the year. Autumn leaves, birds flying south, kids back to school. A time to settle down after vacations, go back to work and look forward to the long evenings when we may again have time for our hobbies.

September of this year is particularly intriguing since the **TEKTRONIX HOBBY SHOW** takes place on the twentieth, and, although something new for Tektronix, it has taken on surprisingly large proportions and should be anticipated with great interest.

It has taken the combined efforts of fourteen people to bring together this large assembly of displays and we feel this group, the hobby committee, deserves our praise for making possible one of the most unique and interesting shows ever seen. Of even greater importance are the

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TEKTRONIX TWOSOMES

Ranking latest as Tektronix twosomes are JACK and NEVA NEFF. They were married on July 20 and honeymooned at Victoria, B.C. and Mt. Rainier.

Jack's schooling included Beaverton High school and Lewis and Clark College. He will attend college again (part time) this fall if he is not drafted.

His work previous to Tektronix was gardening and other outdoor work. Jack has been here since last September, and has worked in the Transformer Department The entire time.

Neva attended Forest Grove High school and Biola College in Los Angeles. She taught

kindergarten at Cedar Mill Village Baptist Church for two years, the last year of which she also worked here.

Neva started in July '51 in the 514 Group and in November took duties in the office as night receptionist and switchboard operator.

Both enjoy outdoor sports as a hobby. Neva also enjoys music, while Jack has a record collection and rides a motor cycle. Jack and BOB COGAN have made several of the tape recordings for the music system.

Jack and Neva are living in Marlene Village at present.

* * *

BONNETS AND BOOTIES

HOWARD VOLLUM announced the arrival of his son, Charles Alfred, on August 12. The baby weighed 6 lbs. 14 oz. and was born at St. Vincent's Hospital.

WAYNE STRUTZ, Shop, is the proud father of a baby boy. David Wayne was born on August 12, weighed 7 lbs. 3 oz. and measured 21 inches.

* * *

WEDDINGS

On August 2, the First Baptist Church in Portland was the scene of the wedding of CARL DANNEHL, Stock.

BOB GEST, Stock Department, was married on August 16 in Forest Grove.

Another Tektronix Twosome....CHARL BAIL, Assy, and JOHN MATTHEWS, Assy, were married on August 29 in the parsonage of the Blanchard United Brethren Church.

* * *

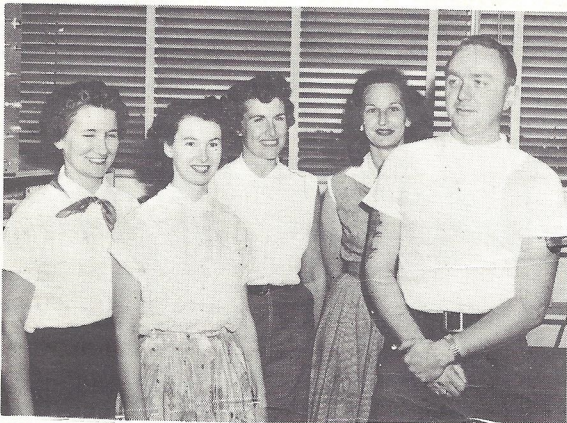
NEW EMPLOYEES
 and
TRANSFERS

New employees are DELORES BEALS, BOB CARROLL, KSENIJA "DIXIE" KAHN, VILMA LEETO, WARREN SMITH, and MARJORY THORN, Assembly; EMIL EVANS, Carpenter Shop; RICHARD WEIRICH, Shop; LORENZO BROWN and CY WOODWORTH, Stock; MARJORIE DAVIS, Transformer.

The following employees have been transferred as indicated: FRED HART, from Test to Sales; WAYNE DeVAUL, RON OLSON, and GENE SHERIDAN, from Assembly to Test; DON KEPLER and WALT SCHMITT, from Stock to Test; RUBY EVANS, from Assembly to Ceramics; HELEN ROSS, from Shop to Ceramics; and HENRY SCOTT, from Drafting to Engineering.

517 GROUP

Production of the 517 began about April, 1951. At first, MARVIN "WHITEY" EMMARSON started making the whole scope. Later, MARY CAUSGROVE, on sweep chassis, and TED GOODFELLOW, on amplifiers, joined him. Now the group has increased to a total of seventeen. WHITEY EMMARSON is group leader while ED KEIPKE, swing shift, and BUD BRISTOW are assistant group leaders.



L to R: H. Riley, G. Montag, A. Wynn, E. Ulrich, and M. Emmarson

WHITEY, a Navy man of six years standing, was at Pearl Harbor when it was attacked. His greatest interest is his car as one might observe when talking about the subject with him. His pride and joy is a smooth, sleek, shiny, ebony '51 Cadillac convertible. Whitey worked for Western Electric and Crown Zellerbach before coming to Tektronix in October, 1950. His hobbies include hunting, fishing and roller skating.

Rather quiet but always cheerful is ED KEIPKE. The swing shift knows him quite well--especially when there is anything they need. He served in the Marine Corps before coming to Oregon two and a half years ago from South Dakota. He has a wife, Lelia and three children, Larry, Marlis and Leslie. His hobbies are polishing agates, radio, and star gazing. Ed started to work in March of 1951.

ALICE WYNN likes hunting. Although she can't swim, she is a great water skier. Alice wears a life jacket when her surroundings get wet. She is originally from Kansas City, Kansas and has worked here since September, 1950. Alice has been working on sweep and finaling almost from the time the 517 began.

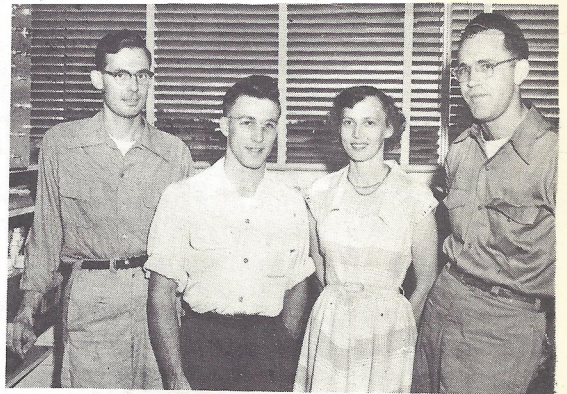
Also working on sweep chassis, on swing shift, is DOROTHY GARRISON. She said she doesn't have time for any hobbies because her two children, Danny, age 13, and Darla, age 10, keep her busy. She is also redecorating her

home. Dorothy was a car hop at Ming's Drive Inn before starting to work here in March, 1951.

KENNY BEALS worked at Weisfield Jewelers in Pullman, Washington before coming here. He decided to move to Portland in June 1952 when he joined the Tektronix staff. He and his wife, DELORES, like to fish and bowl. Delores, one of our newest employees, started working for Tektronix on August 20.

GLORIA MONTAG just said "I do" on July 5 to DICK MONTAG of the 514 group. She has worked on sub assembly but at present is wiring amplifiers. Gloria is a native Oregonian. She graduated from Milwaukie High school and attended Vanport for two years before coming to Tektronix in July, 1951.

Here is a salute to a great fisher woman HELEN RILEY. She spends her weekends at it but please don't ask her how many she has caught. She generally takes her husband George, and two little daughters, Kathy, six and Georgene, four, with her. She acquired her electrical experience in the aircraft department while serving in the WACS. She can be found working on amplifiers on the swing shift. Helen has been with us since May, 1951.



L to R: J. Siddens, K. Beals, D. Garrison, E. Keipke

JOHN SIDDENS has hopes of staying at Tektronix. He recently purchased a lot by the plant and wants to start building in the near future. His wife, Susan, and son, Douglas will be two helpers on this project. Before starting to work at Tektronix in October, 1951, he graduated from Pacific University at Forest Grove. He is our finaling man on swing shift.

One of our newest employees on the high voltage oscillator chassis is EDNA ULRICH. Edna has worked in several dress shops and says this is very different but interesting work. She has two children, a boy and a girl. Her husband is quite well known to the people of Cedar Hills because he is their mail man.

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people entering exhibits. Their diversified hobby interests make possible the wide variety to be displayed.

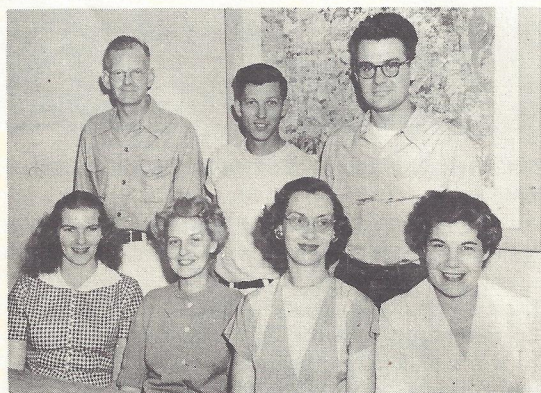
Hobby chairman VERN BARTLETT informs us that there are so many entries covering so many types and phases of hobbies that it is impossible to describe them all here. However, a few will be mentioned to convey some idea of the extent of the show.

Have you ever walked into a picture? You will feel you will be able to do this when you see MILT BAVE'S three-dimensional color slides projected on the screen. This effect is accomplished thru the use of polaroid glasses thru which you will view the scenes. The three dimensions reach out in startling reality.

Have you ever seen a rock shining in glorious color? BUCK MURPHY will show you how it's done. He will display several minerals which, when exposed to ultra violet light, will fluoresce in brilliantly beautiful colors.

Have you ever talked on the radio? You will get the chance September 20 when you see BILL JOHNSON and BURT EBERLY operating their "ham" radio transmitters and receivers. You will watch them "working" each other and outside stations and will be able to arrange a conversation thru their "rigs".

You will see model airplanes from tiny ones to a giant with a nine foot wingspread. This one will eventually be radio controlled. SLIM SORENSON is building the plane and ROGER HAIGHT the radio control. They will be able to put the big model thru all standard flight maneuvers completely by radio.



Hobby committee, front row l to r: Irene Wilson, Ruth Wells, Ellen Burton, and Norma Caufield. Back row l to r: Jack Clark, Ed Egan, and Harry Stewart.

Several people will be working at their hobbies during the show. EARL GROVE will be weaving at his loom, BOB JOHNSON showing how to tool leather and HOWARD GAULT



demonstrating metal engraving.

HOWARD VOLLUM will be there, demonstrating his vital interest in sound recording. It is Howard's great ambition to perfect the technique of recording sound on tape with the highest fidelity possible and the results he has achieved thus far are amazing. He will have his equipment set up in the conference room so all may hear the perfection he has attained in this field.

Photography will be well represented with 35mm. color slides galore, black-and-white and oil colored photos and photographic equipment. BOB WHITE will show his 35mm. movie projector which, with the exception of the lenses, was built entirely by himself. He will also show the 2 1/4 by 3 1/4 enlarger which he has made.

There will be some very interesting electronic equipment displayed including a sound recorder using a light beam to record on movie film. This was made by FRANK HOOD. Public address systems and record players made by hobbyists will be seen.

Model railroad fans will display their equipment. You will see a historical model train, a caboose you could hold in your hand, and equipment from foreign countries.

in song and comedy.

The second event but not the least important will be a demonstration of square dancing, weather permitting, outside the plant in the parking area adjacent to the shipping department. A square of Tektronix people will show how it is done and all who care to will be able to join in the fun and dance the afternoon away. Modern dancing will be mixed in with the square dancing, also.

The committee has been geared into an efficient unit for gathering and locating display material throughout the plant. How this will be handled will be announced later on the bulletin boards, and all entrants are urged to follow this plan to insure efficient distribution of displays.

"Do Not Handle" signs will be placed throughout the displays and the committee will oversee each section during display time, making every effort to protect all entries from possible damage. Time, work, research and money have been spent on these hobbies and represent much value to the owners, and the committee requests that every one respect this fact.

The outstanding feature of the entire hobby show is the fact that all entries, stage show and square dancing are entirely within the plant personnel.

This fact coupled with the enthusiasm shown by all participants will, the committee feels, help to create a greater fraternalism among Tektronix people, management and employees alike, and help to bring together the hobbyists who would perhaps never get together otherwise.



Hobby Committee, front row L to R: Evelyn Johnson, Gladys Koch, Doris Kelly. Back row L to R: Jack Henderson, Jack Clark, Joe Gayton, Bob White.

So let's all turn out for the TEKTRONIX HOBBY SHOW, September 20, at 2:00 P.M. and see the greatest free show we have ever attended.

There will be paintings, wood carvings, salt and pepper shakers, cartoons, old magazines, antiques, ceramics and even dolls.

Among the doll collectors will be VERA DOBSON, DORIS KELLY, who will show one seventy-five years old, and JUNE BASS who crocheted all the clothes for her dolls.

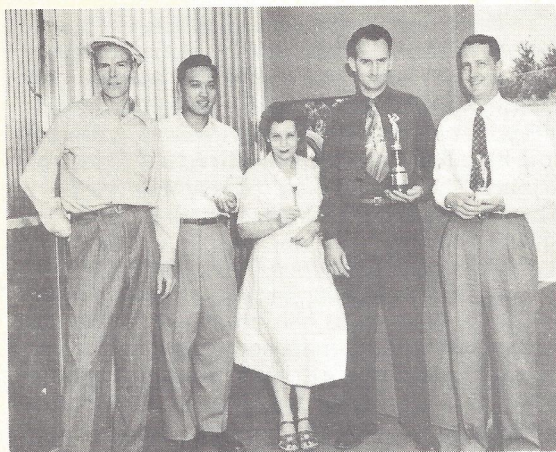
Stamps, coins and bills will be represented and sculpturing will be shown by KATE PROBSTFIELD.

JOE GRIFFITH will give a demonstration of glass blowing.

The sports field will be well covered with a display of archery equipment, hunting and fishing gear, including gun stocks made by NILE THAYER and a power, or crossbow made by JOE GAYTON.

This resume brings you some idea of what you will see at the HOBBY SHOW, but to see is to appreciate, and we feel that this is a show you will not want to miss.

Two events will top off the show. The first is the "HOBBY REVUE", a stage show of seven acts, all of which are based on hobbies and will demonstrate how hobbies can be developed into real entertainment. You will enjoy music, puppetry, comedy, magic and folk songs. The Gay Nineties will also be presented



L to R: M. Lofton, H. Au, G. Gasser, M. Bave, and B. Webber

Winners of the 1952 Tektronix Golf Tournament are pictured above. First prize trophy went to MILT BAVE who had the net score nearest par. Milt also made a birdie and an extremely long putt. BILL WEBBER won a trophy for score nearest average. Third prize, a skimmer, is worn by MEL LOFTON as he had an eagle. HAWK AU received fourth prize, three golf balls, for the longest putt. GRACE GASSER made the highest score and was awarded an extremely large tee for booby prize. JANE GRACE was awarded thanks and appreciation for arranging the tournament.

CHATTER

"Who is BILL McCHORD?" In answer to this question, which has been asked many times, we reply---Bill is the contractor for the new building.

KEN WALLING and BILL CAUSGROVE, Printing Department, thank all those who helped get the catalogs out to be shipped for the Western Electronics Show in Long Beach.

Due to a serious operation, one of our Shop machinists will be missing for some time.

LEE PENSON was forced to undergo the delicate surgery made necessary by an illness incurred some years ago. A section of bone was removed from his hip and grafted into the spine.

Because the recuperation period after such an operation is quite long we will not see Lee back on the job for approximately six months.

KATHYRN BARTMESS and her daughter, Lenora, attended the Junior Achievement Conference in Valley Forge, Pa., the last

week in August. Lenora was a member of the Achiever's Bank, sponsored by the Bank of California, and was elected delegate. They stopped in St. Paul, Minn. to see Kathryn's brother, whom she had not seen for 21 years.

* * *

There is another hood in the Shop. This one is in the Paint Department, hanging over the ovens.

Designed by MEL LOFTON and made of galvanized metal, the hood is connected by a duct to the paint booth exhaust stack and is actuated by a damper. The hood carries away paint fumes when the ovens are opened after baking paint on cabinets, etc.

* * *

I do not drink; I do not swear
For cigarettes, I have no flair.
I do not gamble--I'm too tight
A loss would mean a sleepless night.
I am no bridge or mah-jong fan;
I wouldn't vamp a married man.
But with these virtues, I'm no saint
For on my life, there stands one taint--
My coffee in the morning.
It takes two cups and sometimes three,
To pep me up to such degree
That I may hobnob thru the day
With all the folks that come my way.
To keep my disposition fun,
To deal with in-laws on the square,
There are some things I can forgo
And settle down in poor man's row.
Can watch my neighbors' rise and fall,
And yet no evil thoughts recall
But still my life holds one dark stain
For I must have through shine or rain--
My coffee in the morning.

* * *

The world is like a mirror
For it reflects everything you do
And when you face it with a smile
It smiles right back at you.

* * *

A good way to keep your youngsters out of the cookie jar, we're told, is to lock the cupboard and hide the key under the soap in the bathroom.

* * *

The following correction recently appeared in a small town newspaper:

"Our paper carried a notice last week that Mr. John Doe is a defective on the police force. This was a typographical error. Mr. Doe is really a detective on the police force."



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of work he is enjoying at this time.

After formal training in the east he was sent to the 13th Naval District. It was here that he met JACK MURDOCK and helped construct radio communication equipment and repair facilities for the Portland Area operation of the Coast Guard.

Mrs. Bave was a radio dispatcher in the Coast Guard when Milt met her, and they were married in June, 1945. Milt finished up his C.G. activities as radio technician at Neah Bay, Washington.

After discharge from the service in February, 1946, they took a 17,000 mile trip, covering six months time around the United States, making a photographic record of the trek with many interesting pictures taken in all parts of the country. It was on this trip that Milt took a Kodachrome shot of the Grand Canyon that won for him second prize in a national photography contest sponsored by the Union Pacific Railroad.

Upon completion of this trip, development of the first 511 had reached the point where Milt's help in working out the mechanical problems was needed. During early production his wife wired chassis for the company. She made all cables and helped assemble the first fifteen 511's made and was surprised that to this date none had gone up in smoke:

Milt's manual dexterity, combined with a keen and inquiring mind also found expression for Milt in several interesting hobbies. These hobbies include oil painting--which Mrs. Bave also follows when she can find the time from

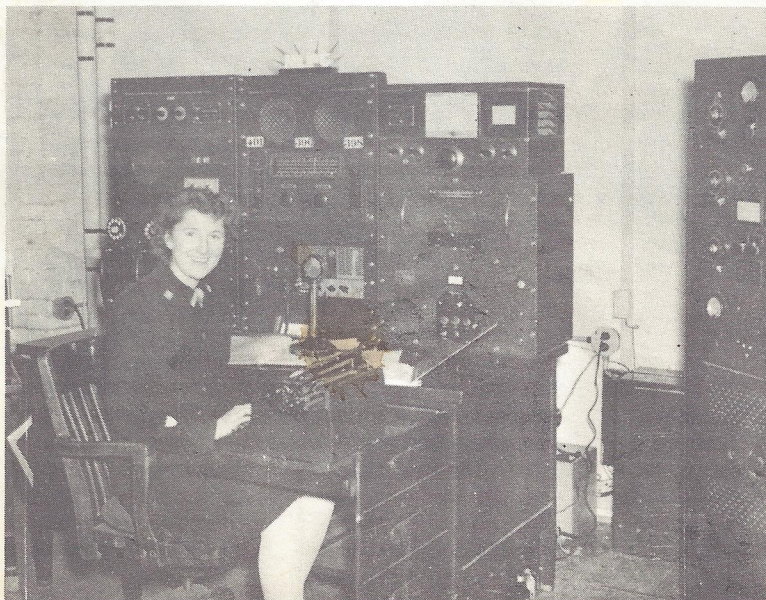
the raising of their two boys, Peter, 4, and Brent, 1 1/2; furniture making (Milt hopes someday to furnish their home with furniture he will have made); astronomy--he ground his own 6" reflector by hand; photography--Milt built his own stereo projector a couple of years ago; gardening, golf, archery and model railroading.

Mrs. Bave commented recently that when their son, Peter, was a year and a half old, Milt bought Peter an electric train for Milt.

When playing golf, Milt uses a cross-hand hold on his golf clubs that, although against all accepted rules, is none the less very successful. In fact, Milt won the 1950 and 1952 Tektronix open golf tournaments. In 1952 he also sank the longest putt but was refused more than one prize in the same tournament.

Milt's mother was a piano teacher, and Milt has had extensive musical training. His interest is high in the artistic fields and music, although he recalls that he was known in his neighborhood when a youngster as the "Fixer", and would rather repair things or play baseball than practice the piano.

Milt is very serious about his work at the plant and is constantly searching for better ways to do things and expedite the production under his jurisdiction. He is continually seeking the highest quality in tools and equipment to aid in making the best possible working conditions. He is never too busy to listen to ideas or problems, either production or personal; and he is noted for his ability to put everyone at ease with whom he talks. He is always ready with praise for a job well done, or with experienced advice when it is needed.



The picture to the left shows radio equipment Milt Bave helped construct for the Portland Area operation of the Coast Guard. Mrs. Bave is the radio dispatcher.