



ALTHOUGH IT MIGHT be a shot of a mock civil defense drill, or the aftermath of a real life disaster, the scene above depicts five Librascope employees in the act of donating their blood to our account with the Red Cross blood bank. This scene was repeated more than a score of times during the course of the afternoon as 116 others joined the above in giving their blood that others might live.

Blood Drive Falls Short; Vacations Cut Donor List

By Bill Goeppinger

More than 130 volunteers queued up June 24 for the annual deposit to the Librascope group blood bank account.

Though falling short of the 140-pint goal set by the Group chairman, Mary Snyder, plant nurse, this year's drive netted 121 pints of whole blood for the Librascope account. The vacation schedule cut heavily into the list of prospective donors and was largely responsible for the failure to reach our goal, Mrs. Snyder stated.

The Librascope blood account is available to all Librascope employees and their families regardless of whether they have donated blood to the group account or not. There is no charge for the blood. There is normally, however, a hospital charge for administering blood and a laboratory fee for typing and matching the blood.

The most important point for the potential user to remember is the necessity of notifying Mrs. Snyder that blood will be required. Additional confusion can be avoided by notifying the attending physician and the hospital staff that you are a member of a Blood Insurance Group.

The Red Cross Blood Insurance plan has been in operation at Librascope for four years and the benefit to employees and their families has far exceeded the yearly investment.

A recent example involving the mother of a Librascope employee, Bob Rearly, is a case in point. Informed that his mother would have

to undergo emergency heart surgery on June 17, Rearly notified Mrs. Snyder. Mary in turn released the required blood to the hospital for use as needed.

The delicate operation went off on schedule and the patient is well on the road to recovery thanks in part to the four pints of blood drawn from the Librascope account and used by the patient.

Nor are the benefits of establishing a blood bank account limited to the Librascope family one. Blood remaining in a group account at the close of the yearly period is channeled to needy patients at the Veteran's, Children's, and Orthopaedic Hospitals. Blood banks additionally serve as a hedge against disaster by assuring an immediate supply of whole blood and blood derivatives in the case of grave national or local emergencies.

Credit Union Adds Mortgage Loans

The Librascope Credit Union again came through when it counted most and marked "paid in full" on a loan when death struck a member recently. The Credit Union was able to do this because it had elected to pay a small premium each month on a loan protection contract with its insurance company.

The CUNA Mutual Insurance Society was formed to provide members of credit unions with this specific benefit. In the event of the death or total disability of a credit union member, the loan is automatically paid in full.

Did you know that the Credit Union is now lending up to \$10,000 for ten years at five per cent interest on first trust mortgages?

Further information may be obtained at the Credit Union Office.

Credit unions were created to bring cooperative credit to employees as protection against high-rate loan companies. In order to do this, savings were pooled and loaned to members at a low interest rate.

Officers of credit unions soon realized that more protection was needed to save member families from excessive financial stress at a time when misfortune consumes savings and halts regular income.

Credit unions were organized on the principles of the motto: "Not for Profit, Not for Charity, But for Service."

The Credit Union office will be closed from September 5 through the 16th. Please adjust your business accordingly.



RADIO AND SCREEN star Don Barry accepts AID Club check for \$1,000 from Roy Dimon for the Burbank Hospital capital building fund. Barry, a member of the hospital's Advisory Council, accepted the check for the institution which is currently engaged in a multi-million dollar building and modernization program. When work is completed the hospital will be one of the most modern institutions in Southern California.

Aid Club Donations Total \$7,959 for Year

The Librascope Aid Club ended its fiscal year June 1, 1955. Total receipts during the year were \$9,233.85. Of this, \$7,959 was donated to 14 different organizations, including Librascope employees aid.

The end of the fiscal year found a balance of cash on hand and petty cash in the amount of \$1,274.85. Cash on hand was maintained throughout the year as an emergency fund which could be called upon when necessary.

Among the organizations which received donations were Employees Aid, Multiple Sclerosis, Salvation Army, Community

LIBRAZETTE

AN EXCHANGE OF NEWS AND KNOWLEDGE

Volume 3, Issue 7



Published By
LIBRASCOPE EMPLOYEES
GLENDALE, CALIFORNIA

July, 1955

SCHULTHEIS DISAPPEARS IN GUATEMALA MYSTERY

By HORACE JACOBS

Air and land searches for Herman J. Schultheis, Librascope patent engineer lost in the Guatemalan jungle since May 20, are continuing, the United States Embassy has advised relatives and friends.



Herman J. Schultheis

Schultheis was making his fourth trip in as many years to the interior of Central America at the time of his sudden disappearance. For weeks he planned his itinerary. With characteristic thoroughness, he prepared an information map which strongly resembled an ancient treasure map.

On May 20 or 21 Herman chartered a plane in Flores, Guatemala, to carry him to the Tikal landing strip in the heart of one of the most forbidding parts of the Guatemalan jungle. Although the rainy season had begun, he hoped to reach some recently discovered Mayan ruins about two miles from the landing strip. According to reports, he asked the pilot to return to pick him up in three hours. Armed only with a camera and a hunting knife, he proceeded into the jungle. He has not been heard of since.

On his many trips into the jungle, Herman always said that his Mayan gods protected him. However, the "gods" seemed to frown on this trip from the start.

Before leaving home, he showed his wife where he kept his bank book "in case she might need it." He had never done that before. At Union Station, he failed to wave his customary farewell from the train window. He missed his connection in Tijuana and arrived in Guatemala behind schedule.

The plane returned to the landing strip as scheduled, but no Her-

man. It returned later the same day and again the following day. He was then reported to the Guatemalan authorities as missing.

Three search parties were organized and sent out without results. As Herman was believed to be German, his disappearance was not reported immediately to the American Embassy.

Dr. Linton Satterthwaite, an archeologist of the faculty of the University of Pennsylvania, obtained information through a Guatemalan colleague that may lead to further clues. According to this report a chicle buyer, Antonio Ortiz by name, possibly prompted by the report of a missing tourist, sent a wire on May 26th to the Hayter Travel Agency in Guatemala City. The wire indicated that an unidentified tourist had arrived in Flores on May 20th, and, in spite of warnings, had insisted on going into the jungle without guidance. More facts will be forthcoming when the chicle buyer has been contacted.

No one at Librascope was aware of these events until Herman's associates became concerned when he was several days overdue in Los Angeles. Theodore Lassagne, Librascope's patent attorney, then communicated with Mrs. Schultheis and with the American Embassy in Guatemala. A U. S. Government plane was sent by the Embassy and at its request an additional search party was dispatched, but to date no encouraging information has been received.

Upon the advice of a lawyer in Guatemala, it is planned to offer a reward of \$500 for "proof of his present whereabouts, if living, or of his death in the Guatemalan jungle." For this purpose, the Librascope Aid Club has subscribed \$100 and Herman's friends at Librascope have subscribed \$400.

Herman Schultheis was born in Aachen, Germany, and studied at the Institute of Technology at Aachen, where he graduated in 1926 with a Ph.D. in mechanical and electrical engineering. He also became an excellent pianist under the direction of Wilhelm Backhaus, and knew Richard Strauss personally.

He arrived in the United States soon after graduation. One of his early experiences in the United States—believe it or not—had to do with nothing more complicated than an American-made toaster. He burned his toast.

(Continued on Page 4)

Golf Tournament Deadline Nears

Time is running out for golfers hoping to compete in this year's 7th Annual Librascope Golf Tournament. Deadline for qualifying is July 31 and only 30 of the more than 80 golfers who have signed up for the event had submitted the necessary four 18-hole cards as of July 1.

This year's entry list is the largest in history and the August 7 outing at Fox Hills Country Club promises plenty in the way of tight competition.

Pretourney favorites include Kenny Gowan, Ed Sullivan, Carl Culver, and that perennial contender, Bill McAboy, in the low gross category.

Among the high handicappers who will be battling for the low net trophy, Art Curley looks like he'll be hard to beat.

Tourney Chairman Frank Copple and his able assistants, Bill Brown, Carl Culver, Art Curley,

Chuck Keesling, and Ed Sullivan, have virtually completed arrangements for the big day. The trophies will be awarded at the dinner following play are currently on display in Dean Frederick's office.

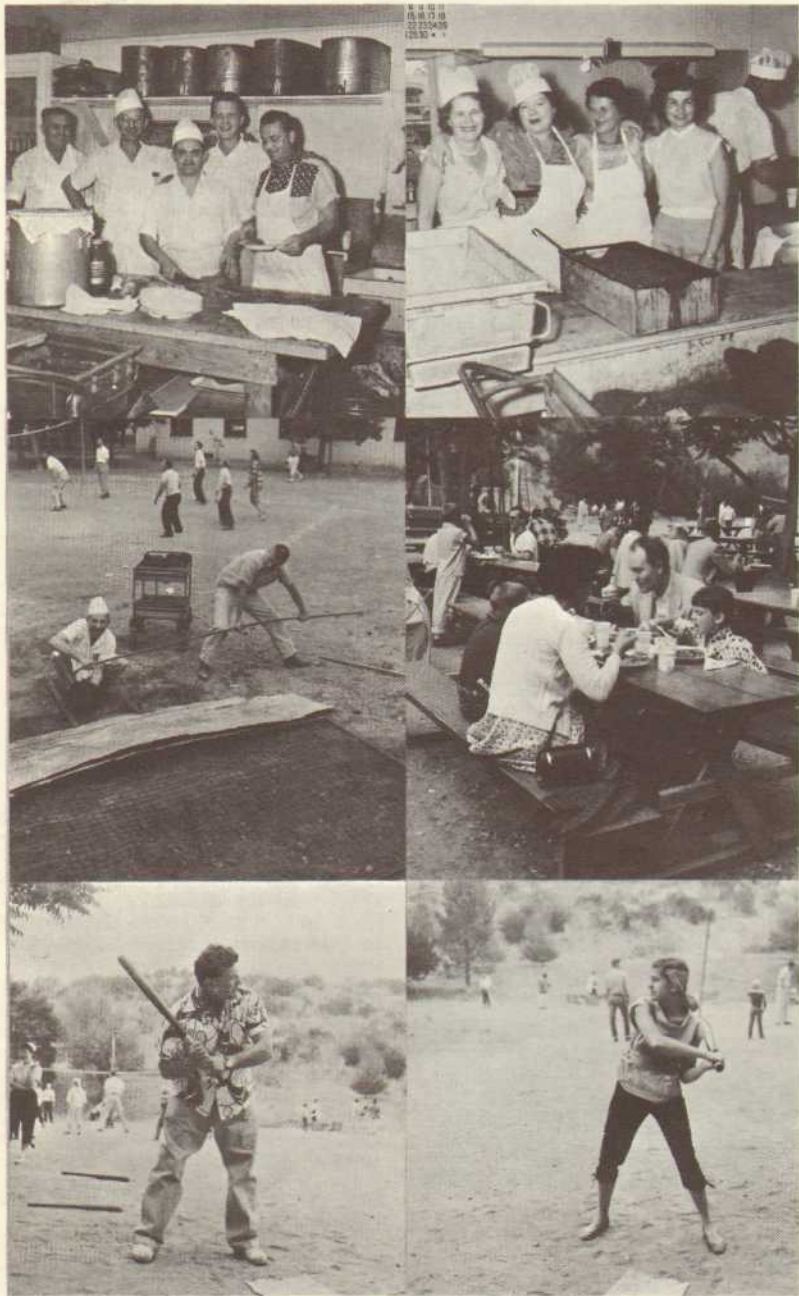
Complete information on tourney pairings, starting times, and other pertinent data will be posted shortly. Copple asks that those golfers having a preference as to what foursome they play in, notify him at once. For those stating no preference as to playing companions, assignment will be by draw according to handicap.

Winners of the July tournament were:

Low Gross: First, Kenny Gowan; second, Bill McAboy; Forrest McColl and Tom Ryder tied for third.

Low Net: First, Cliff Godwin; second, John Grieshaber; third, a tie between Bob Berg and Charles Krone.

Barbecue Snapshots--1955



Gloomy Day Fails To Detract From Barbecue Festivities

Grey skies and a cool wind did little to dull the enthusiasm of the hundreds who thronged Newhall's Saxonia Park for the Precisioners 2nd Annual Pit Barbecue on June 25.

Lured by the prospect of good food, good company, and good cheer, approximately 600 attended the day-long festivities which opened to the roar of sports cars and ended to the rhythms of the Keith Watts orchestra. Nor were they disappointed.

Long before the merrymakers motored into the park, Precisioners John Buckens, Carl Culver, John Delle Fave, Bob Jewett, Jack Nelson, and Jim Tanner were hard at work readying things for the big day.

Those who witnessed the opening of the pit and watched the carefully wrapped chunks of beef being taken from their charcoal bed had some idea of the work that goes into an affair of this kind.

Buckens and Culver spent Friday night at the park preparing the pit for the half-ton of beef which the hungry crowd disposed of Saturday, along with more gallons of beer than we care to reveal.

Though dancing wasn't officially scheduled to begin until 7:00 p.m., a good many couples limbered up their legs earlier in the day as they danced to the strains of lilting waltzes and dashing polkas courtesy of Walt Lorenz. Others more athletically inclined kept the volleyball court and horseshoe pits in a constant state of activity.

Summing up, we feel that all who attended enjoyed themselves immensely, even George Poppa and John Veytia, who spent most of the day on K.P. We know we did!

Attention! Ball Fans

Sixty RESERVED SEATS between third base and home plate for the Hollywood vs. Los Angeles baseball game Friday night, Aug. 19, at Gilmore Field, are available at \$2.00 each from Jack Nelson or John Delle Fave. Those interested in attending should sign up on the notices posted in each building.

Girl Champs Kayo Local Softballers

By DORIS APPLEBY

In a game replete with chills thrills, and spills, an underdog Librascope girls' softball team suffered its first defeat of the year June 29.

Facing a younger, stronger, faster, healthier, better-coached group of female all-Americans from Burroughs high, our gallant gals fought the good fight to the bitter end. Going into the first, the game was tied, but more of that later.

Matchmaker Jack Nelson is currently taking bows for arranging what spectators claim was the greatest slugging match since Dempsey and Firpo. Good old Jack, always thinking of the other guy, inveigled several of our girls into a little practice game by stressing the old saw about exercise being good for... etc. No less than 10 of our feminine contingent saw some merit in Jack's arguments and turned out for the game.

Arriving at the site of the slaughter, our brave heroines watched with awe a group of muscular young ladies warming up for a game by knocking a few over the fence. Informed by Mr. Nelson that they were watching their competition, our side promptly forfeited. Unfortunately, it wasn't accepted. The game must go on. But not for fun, fresh air, or exercise. Oh, no. This was for blood.

It took five innings before the Burroughs girls, who just happen to be Burbank city champs, were convinced that they had had enough. Meanwhile, our girls, down but never out, hung on to score six big runs and were set to send in the second team when they turned off the lights to prevent further bloodshed.

The starting team for the Librascope Warriors lined up as follows: 1st base, Elsie Stefurak, inspection; 2nd base, Doris Reay, assembly; 3rd base, Anita Weiler, production services; short stop, Margaret Hilberg, purchasing; left field, June Carlson, wiring; center field, Doris Appleby, boring; right field, Donna Van Schiltz, purchasing; pitcher, Diane Lewis, production services; and catcher, Dorothy Gifford, wiring.

Score? Oh, yes, the final score: Burroughs high, 55; Libragals, 6. Anyone for knitting?

Deadline for the August issue of the Librazette is August 1, 1955.

Nearing the end of development is the Midget Radiograph. This device will have widespread use in industry in material quality control. It may also serve the medical profession as a portable X-ray unit utilizing radioactive cobalt. The unit is only slightly larger than a two-cell flashlight, yet is as precise as a high-grade camera.

The Mecca gang enjoy coffee daily from their own "cafeteria." The cafeteria consists of one slightly used coffee pot, a box of sugar, a half-pint of cream, a dozen spoons and cups (the extras for distinguished guests) and sundry doughnuts or rolls from the sign of the blue windmill.

Mecca personnel includes four transferred from Librascope. They are: Everett S. Minard, general manager; Chuck Freeman, control supervisor; Jule Harrah, chief engineer; and Phil Olmstead, shop foreman. Assisting them are: Barbara Holsinger, general secretary; and Machine Shop members Quinton Olson, Clark Holsinger, Earl Hendrick, L. C. Russell and Francis Lomas.

Though small today, Mecca has high hopes for the future. Their chosen field of operations is expanding with unbelievable rapidity and Mecca plans to expand with it, becoming as it does, an important link in the GPE chain.

Don't miss Librascope's "You and Your Future", broadcast Monday through Friday at 6:55 a.m. over radio station KABC.

AMBITION

When I first came to Librascope
I had a fierce ambition.
I meant to be, eventually,
In a supervisory position.
My reasons were the usual ones,
Of threefold nature, they;
One was money, two, prestige,
Three, wish to be obeyed.
But now, a fourth inducement is
Tacked on the previous three;
This added one, though trivial to some
Is of great import to me.
My yen increased, ten times at least,
To be executively engaged;
For as a supervisor, I
COULD THEN HAVE SOMEONE
PAGED!

The LibraWag

MEC News

By BOB DAY

MEC welcomes the following new employees:

Don Slagel, drafting; Jim Green, development engineering; Evon Wilson potentiometer stockroom; Ritha Chisen, potentiometer assembly.

Jean Halapin and Pauline Chandler are vacationing from the potentiometer department. Jean is enjoying the California sunshine (?), while Pauline and her family are visiting in West Virginia.

Earl Sipple, machinist, is on a leave of absence while recuperating from a recent operation. We wish you a speedy recovery, Earl.

Many hands make light work of painting around the home, experienced hands that is, as Louis Steffen found out recently. One of his youngsters found an unguarded bucket of yellow paint and "made like an Indian" with the contents. When Louis returned to the scene, he found the child contentedly chewing on the paint brush.

WESCON Draws Plotter Display

Librascope will be among those exhibiting electronic equipment at the Western Electronics Show and Convention to be held August 24-26 in San Francisco.

Librascope's X-Y Plotter and Recorder, types A and B, will be on exhibition. The type A Plotter will demonstrate the use of punched tape and the manual keyboard. The type B Plotter will demonstrate an application of recording transistor curves.

A second display will feature our analog-to-digital converter demonstrating digital display read-out of analog functions.

Basic computer components and other standard electronic parts of our manufacture will also be exhibited under the auspices of Neeley Enterprises.

Miller Wins Medal

Carl Miller, engineering, took first place and became a gold medal winner at the monthly Table Tennis Handicap Tournament at the California Table Tennis Center in Hollywood on June 13.

Sam Leonardi, young son of Joe Leonardi, methods, won second place and a silver medal.

Stork Club

Garland White, engineering, girl.
Norm Nelsen, purchasing, boy.
Bill Balch, purchasing, girl.
Al Kaplan, drafting, boy.
Dave Johnson, engineering services, boy.
Bob Berri, engineering, girl.

Vacation Bound



CAUGHT BY our roving cameraman just before they departed for a week at camp, four young ladies smile prettily for him. The girls, all winners in the Precisioners essay contest are (l. to r.) Janet Kusnick, Sheri DuVall, Jeanne Rumont, and Sharon Sertic. The tired man on the left is Precisioner prexy John Delle Fave. Charles Snell and Chuck Baumgard complete the picture.

Ranch Hosts Contest Winners

Four happy young ladies arrived home June 27 from a week of camp life at the Flying "B" Ranch, Lake Enchanto, bubbling over with tall tales of the times they had.

The girls, all winners in the Precisioners Essay Contest, are Janet Kusnick, Sheri DuVall, Jeanne Rumont, and Sharon Sertic. The camp director, Charles Hinman, brought the girls back to Librascope where they were transported to their respective homes in the company station wagon through the courtesy of Bill Bratton.

Not only did two of the girls, the Misses Kusnick and Rumont, return with live souvenirs of their vacation (pet frogs, yet), they all came home with a goodly portion of the five dollars' spending

money Precisioner President John Delle Fave presented to each of them before they left.

The four male winners in the essay contest are scheduled to leave for the Catalina island "Y" camp August 16 for their week's outing.

Three of the four boy winners have been identified, but the identity of the fourth is still a mystery to the contest judges. The entry blank number of the unknown winner is 139 and the Precisioners hope the lucky youth will make himself known in time to enjoy his week at camp along with the other winners.

Scheduled to make the Catalina excursion are Gary Brown, Dennis Elkins, Tommy Nelson, and number 139. Where are you, boy?

Process Lab



"DOUBLE, DOUBLE toil and trouble, fire burn and cauldron bubble." With apologies to the Bard, this quote might well apply to the Process Laboratory. Pipe smoking Wes Stupar peers through a silk screen negative while George Slomin stirs a witches' brew (coffee, no doubt) while keeping one eye on his work and the other on a shady character who proved to be the cameraman.

Process Lab Conducts Printed Circuit Research

By BOB DUFF

The Process Lab at Librascope is somewhat reminiscent of an ancient alchemist's laboratory. Its purpose, however, is not to change base metals into gold and silver, but rather to apply these and other metals such as rhodium to a variety of substances.

The official title of the Process Lab is Techniques Development Laboratory; a part of the Mechanical Engineering Department's Technical Development Group. The lab consists of two units, the chemical lab and the electro-chemical annex. Both are located in Plant No. 3 on the east side of the building.

George W. Slomin, Senior Process Engineer, is supervisor of the Process Lab. Wesley Stupar, Junior Process Engineer under the Electronics Section, works with Mr. Slomin in solving the many problems from the electronics and electro-mechanical viewpoint. Ruby Jack, Laboratory Technician, assists both Mr. Slomin and Mr. Stupar in performing many of the developmental tests and processes.

The Process Lab is devoted to research and development of chemical, electro-chemical and photo-chemical techniques which can eventually be applied to production processing of printed circuits.

Among the skills required of the Process Lab are photography, silk screening, chemical etching, plating, electro-polishing, and pressure treating with a hydraulic press. The activities of the lab include development of potting compounds, inorganic protective coatings, corrosion studies, and development of etching techniques.

The Process Lab is currently engaged in developing production techniques for dipping printed circuits in a hot oil bath to fuse soldered connections, and a technique for plating printed circuits so that the plating extends through holes in the base.

The equipment in the Process Lab consists of a large carbon-arc copy camera, etching equipment, silk screen facilities, high and low temperature ovens, a hydraulic press, and a wide variety of chemicals for compounding etching solutions and potting materials.

The Process Lab annex, near the Mechanical Lab, is devoted to a different aspect of the same activity. The annex develops techniques used in electro-forming, electro-plating, surface polishing, anodizing, reversed current techniques, and other applications.

One important phase of this research at present is the development of techniques which will produce read-record head cases of specific and precise magnetic and electrical characteristics. To meet many peculiar problems, the annex develops new plating solutions and experimental compounds.

The equipment in this lab includes titrametric analysis equipment, direct current supplies, plating tanks and a wide variety of chemicals used for compounding the many plating solutions.

An example of one operation in the Process Lab is the processing of the printed circuit. When the master drawing of the circuit arrives at the Process Lab, it is photographed and a negative obtained. A 1/16-inch thick phenolic board with a laminated 0.003-in. copper surface is treated to mirror smoothness by buffing, plating, and electro-polishing.

A photosensitive emulsion is applied to the copper surface and the emulsion is exposed to the negative. The exposed phenolic board is then developed and dyed black, so that the circuit can be examined for quality and retouched if necessary.

The finished circuit is placed in the etching tank and the copper surface not covered by emulsion is etched away. The board is then cleaned of emulsion and electroplated with nickel and rhodium. The latter element resists corrosion and wear.

In the final stage of the process, the board is placed in the hydraulic press where heat and pressure are applied, making the narrow ribbons of the circuit flush with the surface of the board. The printed circuit is then sent to assembly where it is fitted with components. Some printed circuitry is plated with a corrosion-resistant gold surface.

With the coming of automation and subminiaturization, printed circuitry and other electro-chemical techniques are becoming increasingly important. The Process Lab is another example of the forward thinking at Librascope.

Shutter Clique Takes A Break

A meeting at the home of Corey Davis on June 8 marked the last get-together of the Shutter Clique camera club until September 14 when they will resume their schedule after the summer months.

All members of the club were present and after the business meeting was closed, president Corey Davis gave a demonstration of the new type high-speed Anscochrome color film in which he shot a series of movable test charts using strobe flashes, varying both shutter and target speeds.

This color film was then processed through all the development stages by Mr. Ted Jocelyn, a color laboratory technician, who pointed out that it required no particular skill or technical knowledge for "shutterbugs" to develop their own movie or standard color film.

KINDLING, CHIPS AND FIREWOOD



Davie Henshaw and Donna von Schrlitz gave a surprise baby shower for Helen Brasfield, production control, at Davie's home in Pacoima on June 17. Twenty-one guests gathered to honor Helen who left Librascope July 1 for a six months' leave of absence.

Angie Willis, production control, returned to work June 21 after six weeks' leave of absence for minor surgery.

Nathan Schmuckler, technical librarian, and his wife, Muriel, adopted a week-old baby boy. They have named the baby Eliot Lee. Congratulations, Nate!

Frank Smith is back with the engineering drafting section after a few months in other fields. Welcome back, Frank!

Pat Baker, engineering services, left Librascope the 8th of July to devote her time to her family. Her co-workers hosted a farewell party at Eckberg's Steak House.

Cliff Godwin, engineering, and his wife, Betty, flew to Jackson, Miss., to visit his mother. They also visited in Nashville, Tenn., and Fort Valley, Ga. Cliff reports the weather was uncomfortably hot but the food compensated for it—ham hocks and lima beans, cornbread, southern fried chicken, and other Southern delicacies.

Bob Garrett and family spent a wonderful vacation at Yosemite park and at Berkeley. The highlight of the week came when Bob dove into the Merced river, clothes and all, to pull out his youngest daughter.

During the week at Berkeley, Bob attended a music seminar for choir directors and hopes the experience will be helpful in directing the Libratones.

Joe Pardo, his wife, and his brother, who flew in from Springfield, Mass., vacationed in Sequoia National Park, Yosemite Park, and San Francisco. They returned home via a coastal route.

Joe was enthused with the outstanding scenery Yosemite offers. He thought Glacier Point was especially spectacular. One of their San Francisco discoveries was a little Italian restaurant, "The Backyard," which they recommend for its excellent food and reasonable prices.

BEWARE of a black 1950 Chevy which can be seen zooming into the parking lot each morning driven by the proud new owner, Nancy Slike.

Lowell Eisenhower and his wife Dorothy, returned tanned and relaxed from a two-week vacation at the Cliff House resort near Yosemite.

Calendar of Events

The Ensenada fishing trip tentatively scheduled for July 30 has been cancelled.

August 7—Sunday
Golf Tournament—Fox Hills Country Club.

August 20—Saturday
Annual Picnic—Mountain Oak Park.

September—
Genuine Hawaiian Luau—Huntington-Sheraton Hotel, Pasadena (tentative)

September 8—Thursday
Bowling Season Starts

October 9—Sunday
Fishing—San Clemente (tentative).

October 29—Saturday
Hard Times Dance (tentative)

November 13—Sunday
Fishing—Port Hueneme (tentative).

December 17—Saturday
Kids Christmas Party—Hoover High School (afternoon)

December 23—Friday
Christmas Dinner Dance—Embassy Room, Ambassador Hotel.

Sharpshooters



WINNERS IN the recent Librascope center-fire pistol championship meet pose with their awards and shooting irons following the battle. The pistol-packing fivesome are (from l. to r.) Charlie Parker, the new champ; Charlie Perro, runner-up; Paul Litvinoff, last year's winner who placed third; Len Soper, who took fourth spot; and Roy Gombert, unplaced, but a comer.

Parker Bags Cup In Pistol Shoot

Charlie Parker, gear grinding, a veteran pistol campaigner from Illinois, is the new Librascope center-fire pistol champion. Charlie won his title at a Gun Club meet held June 12 at Melcher Pistol Range in Topanga Canyon.

The new champion shot a very fine 97 x 100 to dethrone the 1954 champ, Paul Litvinoff, whose 93 x 100 was good for third only. Nosing out Litvinoff for second place behind Parker was another Charlie, Charlie Perro, mechanical lab.

Though going unplaced in the meet, the shooting technique of Roy Gombert, caught the eye of several observers. The general feeling was that Roy would be a gunman to watch in future meets.

ATTENTION — RIFLEMEN!

The 3rd ANNUAL BIG BORE RIFLE CHAMPIONSHIP will be held this year, Sunday, July 31st, one week before Deer Season. Place: Melcher's Rifle Range. 9:00 a.m.

Welcome to Librascope!

Librascope welcomes the following new employees:

Engineering — John Gustafson, Frank Campbell, Raymond Langlois, Fred Halliday, Mary Thomson, Frank Smith, Benny Urman, Helen Schuetta, Roger Wilson, Andrew Cook.

Accounting—Phyllis Kirk, Florence Zellner, Arthur Bevan, Virginia Kelly.

Production Control — Kenneth Waters, Jean O'Daly, Arthur Pederson.

Sales—LaVonne Wellen.
Purchasing — Joseph Ceello.
Systems and Office Services — Louise Broughton.

Inspection—Lige Young.

Model Shop—Sarah Trivale.

Machine Shop—Joseph Olivera, Floyd Hodges, Vincent Coppola, Jackson Bower, Steve Duruttya, Clinton Reynolds, Charles Charpentier, Steve Osiecki, Erwin Green, Efinest Ebersole, Carl Bach, Herman Thies, George Hart, Arthur Martinez, Gary Dalzell, Charles Di Iorio, L. C. Smith, Jr., Richard Kennerknecht, Louis Tanner, Philip Mathon, Gerald Aucoin, Elem Craddock, Joe Mueller.

Assembly—Ronald Frilot, Lorraine Mackey, Betty Scott.

Manufacturing Planning—Ralph Beal, Richard Sak, Albert Thompson.

Shakespeare on Tic-Tac-Toe



THE LIBRASCOPE tic-tac-toe machine was demonstrated at the "Magic in Industry" exhibit held May 15 through June 15 at the State Museum of Science and Industry in Exposition Park. Dr. Frank Baxter (right), TV Emmy Award winner and SC Shakespearean authority, admits that he can't beat the Librascope electronic marvel and its cubic magnetic thinking elements, even with the help of Norman Bilderback (left), exhibit supervisor.

Ed Jackson Keeps Things Moving

He's A Topnotch Shipping Boss

By JOE MESCH

Genial Ed Jackson, peripatetic overlord of shipping and receiving, is by talent and training well qualified for his position. No matter what Ed's assignment on a new job was, he invariably wound up connected in some form or fashion with shipping and receiving. He just liked to see things move.

Ed's roots, like those of most of us, lie east of the Rockies. Unlike most of us, however, he succumbed not once but twice to the siren call of the Golden State.

The youngest of three children, Ed was born Sept. 8, 1909 in Somerville, Mass. His father was killed in an accident two and one-half years later, and Ed was reared by an aunt and uncle in Granby, Conn.

He returned to Massachusetts, Springfield this time, where he lived with his brother while finishing his schooling at Commercial High from which he was graduated in 1925.

School days over, Eddie immediately went to work as an assistant envelope machine adjuster in a Springfield paper company. He soon became a full-fledged adjuster, but California was calling and Ed answered.

Arriving here in 1926, Ed went to work for the Winfield brothers, Bud and Ed, in Glendale where he remained through 1928. He was then transferred to Detroit where he was in charge of assembling and distributing Winfield automotive components. While there, he attended the 1929 and 1930 Memorial Day classics at Indianapolis.

Demand for the specialized Winfield products was drastically curtailed by the depression and in 1931, the firm folded. Jackson, now a mature 21 and still single, returned to Springfield. Unknown to him his tenure as a bachelor was rapidly ending.

Needed into calling up a local girl by his brother, Ed did, and made a date with her. Result?

Library Adds Books

The following books have been added to the Precisioners library.

FICTION

The Glamorous Ghost, So Many Steps to Death, Full House, The Last Temptation, This Is the Life, Trial, The Man from Mesabi, The Silver Cobweb, Excelsior, Yonder, and Flower Girls. Several new mysteries have also been added to the library's collection.

NON-FICTION

Speed — A Motorcycle Book, From Lenin to Malenkov, 500 cc Racing, and Sunshine and Shadow.



Ed Jackson

Madeline and Ed were married Sept. 2, 1931. The newlyweds settled down in Springfield and Ed spent the depression years delivering coal and serving as weighmaster of a grain and fuel concern. Later he was promoted to warehouse superintendent of the firm, where he remained until 1941.

Opportunity beckoned in Detroit and the Jackson family, now augmented by daughter Beverly, moved. After a hectic year in booming Detroit during which Ed worked in shipping and receiving at the Westwood Washing Machine company, Mrs. Jackson succumbed to a familiar malady, homesickness, and it was back to Springfield.

A second daughter soon graced the Jackson household and Ed, to support his growing family, joined

American Bosch corporation where he served as warehouse superintendent until the fall of 1945 when it was California, here we come...

After six months of miscellaneous employment (including a one night stint at a local airframe firm) Ed joined the Librascope family on June 10, 1946.

Today, as Shipping and Receiving supervisor, he has charge of a working force almost as large as the total Librascope complement at the time he signed on.

The Jackson family, Ed, Madeline, and their two daughters, Beverly, 14, and Diane, 13, live now in West Covina in a home they purchased last year. Next year, Ed will round out 10 years' service with Librascope while 1956 will also be the Jackson's silver wedding anniversary year.

Neely Names V.P.

Neely Enterprises, Librascope's sales engineering representative, have announced the appointment of General Manager Robert L. Boniface to the office of Vice-President.

The announcement was made by President Norman B. Neely, coincident with the transfer of the company's Los Angeles offices to the newly-constructed headquarters in North Hollywood, California.

Little League Hurlers Shine in No-Hit Victory

By JAY WILTSIE

The pint-size Precisioners of the Central Altadena Little League produced a sparkling nearly perfect no-hit ball game to defeat the second place Stace's Chevron Station team 1 to 0.

Roy Howard and Johnny Koch split the six-inning pitching assignment, each allowing but a single walk and one ball to be hit to the outfield.

Climaxing their airtight pitching, the two youngsters combined their efforts to produce the game's lone tally in the bottom half of the sixth inning.

With one out in the sixth, Howard walked and stole second. Koch then lined a clean single over second base for the Precisioners fourth hit of the ball game. Howard rounded third but a good throw to the plate by the centerfielder forced him to hustle back.

At this point an error, the only one committed by either side, broke up the game. Attempting to pick Howard off before he could get back, the Stace catcher made a bad throw. The throw rolled into left field and Howard rolled home with the winning run.

The victory moved the Precisioners into fourth place, just two games behind the league leaders, and dropped Stace's into third, one game off the pace.

Johnny Koch, who collected two of the Precisioners four hits, received credit for the win. Lefty Mike Bourne, who took over for Sticks, the starting Stace hurler, was touched for all four Precisioner hits and a pair of walks, was charged with the loss.

More About SCHULTHEIS

(Continued from Page 1)

This should not be, he thought. So he quickly formulated his ideas on how to make an automatic toaster.

With an invention like that many a man has become a millionaire. Not Herman. As he told it, he sent his ideas to a large electrical firm with the modest request that they send him one of their first automatic toasters. The electrical firm soon came out with a toaster incorporating his ideas but Herman never got his toaster nor even an acknowledgment.

Over a period of many years, he has acquired wide experience in engineering research design. In the 'twenties he helped the Freed Eisman and Radio Electric Clock Companies of New York in the design of radios. Then he spent three years with E.R.P.I., a subsidiary of Western Electric and Bell Laboratories, as an electro-acoustic design engineer. Not the least of his achievements was research in processes for restoring old paintings for the Art Conservation and Research Laboratory in New York City.

Herman came West in 1938 to join the Walt Disney Studios. Apart from design research in sound recording, color photography, and many special problems, he actually went into the zoos to get animal shots. He worked on "Snow White," "Pinocchio," "Fantasia," "Bambi," and "Dumbo."

From 1941 to 1946 he was with 20th Century Fox as a research and development engineer. He developed acoustic and electro-acoustic instruments and made a study of the use of plastics for miniature model photography — techniques later used in "Anna and the King of Siam" and "Razor's Edge."

His next engagement was with Telefilm Studios as chief engineer in charge of technical processes and research. Among many achievements, he designed and supervised the construction of a novel universal camera crane for animation, title, and model work, and was the co-inventor of a new matte process for the combination of live action or puppets with miniature models or large sets.

As research and design engineer for CalTech, he worked on high-speed and ultra-high-speed motion picture photography and underwater photography. He designed an optical printer and a stereoscopic drum camera, as well as light transmission and measuring equipment.

Herman joined Librascope on June 27, 1949 as a patent engineer. Apart from performing this function, he became Librascope's technical research librarian to whom engineers went with their problems. They seldom left disappointed. Management has found him valuable as a consultant on many problems and for his linguistic talents.

Herman's house was his castle and is a gadget lover's dream. Over a hundred circuits are controlled by switches and buttons on his desk. Radios and television sets switch on and off automatically and drinks are served by pushbutton. Automation has replaced manual effort almost entirely in the Schultheis domain.

Herman's dark room, including elaborate cupboards and drawers, is all in stainless steel. In fact, nearly all the woodwork in the house is covered with stainless steel plates. Many thousands of negatives, miles of microfilm, and an array of photographic equipment are among Herman's prized possessions. Relics from Bagdad to Panama are integrated in the living room which is designed in tropical motif.

If your Mayan gods have reclaimed their own, Herman, we will miss you for your happy smile and your jokes, we will miss you for the part you have played in maintaining the spirit of Librascope, because we think you are irreplaceable.

Eileen Gone Fishing

Eileen Brown, who runs the Precisioner's store, will be on vacation from July 18 through July 30.

During the month of June the Precisioners sent three bouquets to the sick and gave 6 baby blankets to the new arrivals of Librascope employees.

Perry Wins Poker Rally With Flush

AUTORENNEN

Ich been punschen der button
Und goosen der gasfeeder
Ich been stompen der klutscher
Mit jerken der gear klanger.
Iss gezoomen der strasse mit freude,
Und machen zee picknicke
Mit vielem spass.

—Namenlos

By BOB DUFF

The old German driving song above expresses the gaiety which attended the recent Librascope sports car rally. The cars left Hansen Dam at 9:30 a.m., June 24, and followed a tortuous course of approximately 35 miles, ending at Newhall's Saxonia Park to join in the fun of the Librascope Barbecue.

The participants were required to complete the course in two hours, the winner to be the driver with the best poker hand of cards gleaned from hiding places along the way. A tip sheet with cryptic directions was supplied to each driver to guide him to the hidden cards.

Librasportsters entering the rally and the poker hands they drew were: Winner, Chuck Perry, diamond flush; T. Hewson, 3 fives K; W. Lebert, 2 tens 2 deuces; C. Branner, 2 aces KJ; R. Pedigo, 2 aces K; G. Duvall, 2 aces J; R. Girouard, 2 Q A; T. Shelton, 2 Q K; D. Frederick, 2 nines Ace; R. Jack, 2 eights; H. Conley, 2 sixes ace; H. Fasola, 2 threes K; L. Deitz, 2 deuces Q; E. Couleur, a ten high; T. Lassagne, 2 fours K; C. Weckler, 2 fives K; G. Stevenson, 2 deuces Q; F. Kirr, an ace high! and F. Klavon whom Dame Fortune remorselessly betrayed.

Of the 19 entrants, two drove Thunderbirds, six drove Volkswagens, five drove Porches, and six drove other makes of sports car. Fred Kirr drove a Fiat which he purchased at a very nominal price, rebuilt himself, and pushed three blocks for a blinding flash of speed across the finish line.

The sporty Thunderbird drivers, Ted Lassagne and Ed Couleur, left the hard tops at home and roared into Little Tujunga Canyon where they collided head on with a dense fog. The moisture content of drivers and cars was considerably higher when they emerged from the two passes.

REWARD MONEY

Many friends of Herman Schultheis have made a pledge to pay \$5 as a contribution to the \$500 to be offered for proof of Herman's whereabouts if living, or of his death in the Guatemalan jungle. The amount required has been oversubscribed but if you feel you would like to participate, please contact Horace Jacobs, Ext. 267, Publications.

The Librazette

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808 Western Avenue, Glendale

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—by Paul Fletcher

"The thing that sold the wife was the snappy carrying case."