

# Precisioneers Install Officers



**LOY THOMPSON**, outgoing president of the Precisioneers, (left front) hands over the gavel to **Bob Jewett**, new prexy, as other old and new officers look on. Others in the picture include, (second row, left to right) **Ralph Woodward**, **Lyle McDonald**, **Carl Culver**, **Cesar Goldstein**, (third row, left to right) **Joe Riddle**, **Roy Van Holm**, **Lorraine Thompson**, and **John Buchens**. For added details see story at right.

## Rules OK'd for Librascope Apprentices Group

Operating rules for the Librascope Apprenticeship Committee were signed and approved by the California Administrator of Apprenticeship last month. Librascope's own committee now will be able to devote more individual attention to our apprentices and improvement of the program.

Among the important changes made in the new standards are a slight pay increase for beginning apprentices and the basis for ratio of apprentices to number of employees. Six general machinist apprentices are included in the present training program and several other employees have signified an interest in applying for future openings.

An applicant must be between 18 and 27, and possess the necessary aptitudes to become a journeyman machinist. Apprentices receive 8000 hours of experience during four years of machine shop training. In addition, some 600 hours of related instruction in the Burbank Evening School are given during the apprenticeship.

An apprentice starts at 55 percent of the current general machinist journeyman wage and receives five percent increases every six months. Many veterans are entitled to an educational benefit allowance in addition to regular apprentice wages.

In some instances apprentices are granted credit for previous machine shop experience, which automatically shortens the training period and places them on a higher pay step.

Upon completion of four years apprenticeship, each trainee will be awarded a certificate by the State of California, and a card certifying graduation as a full journeyman machinist.

Librascope's management and IAM Lodge Number 1600 consider the apprenticeship program an excellent means of meeting the need for skilled journeyman machinists in industry.

## Aid Club Gives To Chest Drive

At the meeting of the Librascope Aid Club last month it was agreed to donate \$1000 to the Community Chest of Glendale.

Two interplant donations of \$100 each also were made during the month.

If any employee is aware of a hardship case within the plant, he should contact a member of the aid committee and present as many of the facts as he can. The aid committee then will make an investigation, call a meeting, and decide on any action to be taken.

The committee would like to remind you of the true definition of an eligible hardship case, which is an employee who is not able to work and has exhausted his insurance payments or other income.

Excessive debts alone are not considered a factor, since nearly everyone has debts, and when a person can work these sums can eventually be paid. Also, the credit union can help certain cases of this type.

If you haven't heard it yet, tune your dial to ABC's radio station KECA at 6:55 any morning and listen to the program, "You and Your Future," produced for Librascope by the Western Advertising Agency.

## Insurance Plan Benefits Increase

The hospitalization benefits payable under the Librascope group insurance plan were increased from \$14 up to \$16 per day, effective January 1, 1954.

The temporary disability benefits of many employees also were increased to as much as \$10 per week.

Sickness and accident benefits for the first 12 days of hospital confinement were raised from \$8 to \$10 per day.

The above increases apply only to those employees carried under the group insurance plans on January 1, 1954.



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## Jewett Named President Of Precisioneers for '54

**Bob Jewett**, methods, has been elected president of the Librascope Precisioneers for the next year, replacing **Loy Thompson**, tooling.

## Librazette Editor To Serve in Navy

**Jim Lewis**, engineering services, editor of The Librazette since its origin a little more than a year ago, has taken military leave in order to serve out a two-year hitch with the U.S. Navy.

At press time **Lewis**, a Lieutenant, j.g., was completing plans for his enlistment, but had no definite information on his assignment.

A technical writer, **Lewis** was asked to take over the job of putting out the new paper in October, 1952. A veteran newsman, with editorial experience on several California dailies, he tackled the difficult job of organizing a new publication and came up with a top-notch company newspaper.

Until recently, **Lewis** has had to handle the entire burden of putting out the Librazette by himself, editorially speaking, in addition to performing his regular duties for the company.

The entire staff of the Librazette is grateful to **Lewis** for the fine job he has done, and wishes him the best of luck.

In order to partially fill the gap created when **Lewis** left, the Librazette has secured the services of **Bill Tracey** as assistant editor. Also a technical writer for engineering services, **Tracey** has had experience in radio, advertising and journalism.

In receiving the gavel from **Thompson**, **Jewett** said, "This year, in anticipation of the growth of Librascope, the Precisioneers will embark on a program of continued service to Librascope employee."

"That this organization exists today is a tribute to the sincere cooperation of the management and employees in past years," **Jewett** stated.

**Carl Culver**, assembly, was elected vice-president to replace **Lyle McDonald**, machine shop. New members of the executive board are **Lorraine Thompson**, accounting, **John Buchens**, machine shop, **Cesar Goldstein**, tooling, and **Thompson**.

Outgoing members of the executive board are **Joe Riddle**, engineering, **Carl Culver**, assembly, **Ralph Woodward**, machine shop, and **Roy Van Holm**, model shop.

A fuller report on plans and policy for the coming year will appear in next month's Librazette, according to **Jewett**.

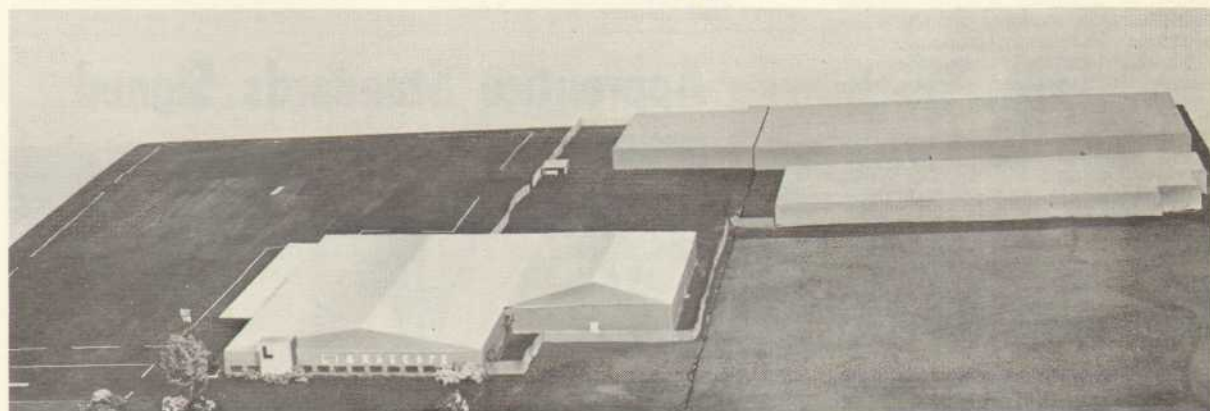
"With your help," **Jewett** concluded, "your president, vice-president, and executive board, will do all in their power to bring us all a happy new year."

## Hoopsters Win

The Librascope basketballers started the new year right by banging out a 45-29 win over Pacific Airmotive Corp.

Basketball players for Librascope include **Russ Boylan**, captain, **Bill Richmond**, **Ted Pike**, co-captain, **Tony Noriega**, **Neil Hinton**, **Bob Bible**, **Phil Goodrich**, **Hank Fasola** and **Carl Frain**.

## Here's How Building May Look



**SHOWN ABOVE IS** a four by five foot miniature of the new Librascope plant and parking area, constructed by **J. R. Fetridge, A.I.A.**, Pasadena. It was built to enable Librascope officials to better visualize the projected construction, and to plan for such additional items as the security fencing requirements, placement of 700 parking spaces, and other factors not readily apparent from a blueprint. The above picture shows the new administration and engineering building, which will face on Western Avenue between the present parking lot entrance and the railroad tracks. Plant One and Two are seen in the right background. At the left is the proposed parking area. The building, which will feature the latest in air conditioning and office lighting, will be 52,000 square feet in size, and of reinforced concrete construction. Although ground has not yet been broken for the construction, the completion date has been set for June of this year.



## Precisioneer Library Acquires New Fiction, Non-Fiction Books

### Chicken Chatter



The Chickens are all very quiet after a long, happy holiday. Many new resolutions have been made, (and already broken) but the main topic these days is that old Devil Diet. The gals decided to start a diet drive to find out who has the most will power and can stay away from those pastries in the commissary.

#### BRIEFS!!

Billie Ferguson will be among the missing for a few weeks. She started the New Year with a major operation. Hurry back, Billie.

Clarice Flynn hosted a gathering of all the female lathe operators at her home. A good time was had by all, and did a certain leadman's ears burn.

Charlotte Hoskinson had a wonderful Christmas holiday. She and her husband went to Kansas to help celebrate the 50th wedding anniversary of her parents.

Little Jo Hernandez was welcomed back to wiring with open arms by her many friends. She's been gone too long.

Louise Russo was one of the lucky few who managed to spend the holidays in the East. Boston was nice, but California is nicer, she says.

The Librazette lost one of its staff members when Millie Calitri resigned. The girls presented her with a lovely bassinette for the coming event at a surprise picnic luncheon in the park next door.

### Back at Work

Les Bentley, supervisor, project engineering, returned to Librascope on January 4 after undergoing major surgery at the Birmingham Veterans Hospital.

M. L. Lindahl, vice-president, and Al Pratt, senior engineer, have also returned to work after brief illnesses.

We want to take this opportunity to welcome all three of these gentlemen back and to wish them the very best of health throughout 1954.

### Apologies to All

Last month's "Profile" article occasioned an unexpected amount of discussion concerning the relative ranking of experimental machinists and toolmaker (Tool-room) machinists. Both are in Labor Group 2. Although Loy Thompson, our profiled subject, did not actually 'move up' when he changed from experimental machinist to toolmaker machinist, the shift did net him a pay increase.

Since the disappearance of nickel beer, the biggest five cents' worth hereabouts is still the Precisioneer library where book rentals are still five pennies for seven days.

The following new books are in the library (the asterisk indicates a waiting list):

Fiction: Not as a Stranger, Lady Blanche Farm and Queen Anne's Lace (2 stories), The Big Fisherman\*, The Robe, Gold Mountain, The Happy People, The Silver Chalice, The Devil's Laughter, Caravan to Xanadu, Caine Mutiny\*, Lord Vanity, The House In Between.

The Adventure of Augie March, The Lady of Arlington, The Intruder, The High and the Mighty, Beyond this Place, Too Late the Phalarope, Time and Time Again.

Non-Fiction: The Greatest Faith Ever Known, Icebound Summer\*, Triumph and Tragedy\* (Pulitzer Prize Winner), Fire in the Ashes\*, Killers in Africa\*, The Age of the Moguls\*, Flying Saucers Have Landed\*, Sailing to Freedom, A House is not a Home\*, Kinsey's report on Sexual Behavior of the Human Female\*.

The library receives approximately 10 new books each month, including novels, non-fiction, and mystery works. Recently Mr. John Hart, representative of Price Waterhouse and Company gave 13 mystery novels to the library from his own collection.

A second box of the older books has been taken to the Veteran's Tuberculosis Hospital as a goodwill gesture from the Precisioneers.

### Co-Signing Loan Is Risky Venture

The Credit Union feels you should be better informed about the responsibilities of a co-signer. The first thought you should have, officials say, when someone asks you to co-sign for him is, "If this guy 'goofs off' will I be financially able to pay this loan?" This could happen.

When you co-sign, it goes on your record as a debt to the Credit Union, which will make it harder for you to qualify for a loan. Above all, you will be the one to pay if the original borrower does not.

On the other hand, if you are the one looking for a co-signer, and a couple of people turn you down, don't hold it against them. Sometimes there just isn't any answer for the question, "Why won't you co-sign for me?"

### Apprentice Standards Signed



SHOWN SIGNING the new apprentice "standards" are, (left to right), Lloyd Summerfield, model shop; Jesse Brown, tooling; Dick Bartlett, personnel; and Roy Dimon, tool design. Looking on in approval are (left to right) Christ Jensen, representing I.A.M. 1600; William Munter, representing the State of California; Clifford Dobson, superintendent of schools, City of Burbank; and Dick Hastings, personnel director.

## Final Check to Insure Quality



THIS IS THE busy department, where the painstaking last adjustments and testing of Librascope computers are done. One of the reasons Librascope has had few complaints from its customers is because these workers in adjustment, knowing they perform the final step, take extreme care with each and every instrument. Shown in the middle foreground are "Bob Nelson (left) and George Chianello.

## Adjustment Gives Final Computer Check

The final link between Librascope and its customers is the manufacture of computers is the operation of adjusting and testing.

Through the wide doors of the adjustment department pass these Librascope-built computers, before movement to the shipping department. Without proper adjustment and testing the instruments would be of little value. It is the job of the adjustment department to prepare them to meet the rigid functional specifications and requirements of our customers.

After the computer has traveled through parts manufacture, sub-assembly and final assembly, it arrives in the adjustment department, completely assembled, electrically wired and inspected.

Once within adjustment it is assigned to personnel specializing in that particular instrument, and men especially trained and familiar with its inner workings put it through its paces.

At one time an adjuster contented himself with making precise mechanical adjustments to an instrument. Today, in the vastly expanding field of electronics, an instrument adjuster doubles in brass. He not only adjusts the mechanical components, but makes a number of intricate electronic adjustments as well.

He must be thoroughly familiar with a vast number of tools; including hand tools, special wrenches, vacuum-tube voltmeters, Wheatstone bridges, oscilloscopes, standard synchro motors, switches, gears, phase meters, dummy transmitters and receivers, and a wide variety of company designed and built equipment for aligning and testing computers.

Typical products processed through adjustment include the Mark 42, Mark 30, Mark 5, Mark 65, Mark 12 computers, and the various components built for our sister company, General Precision Laboratories under the APN contract. These include Frequency Tracker and Wind Memory, Heading and Track, Position and Course, and two models of control amplifiers.

The adjustment department works in close cooperation with assembly and inspection, resulting in a minimum of rework by feedback of information obtained from daily adjustment experience. The department's direct responsibility is adjusting, testing, conducting a final inspection and cooperating in acceptance tests to meet customer requirements.

Librascope adjusters working under Jerry Snella, foreman, and John Blake, assistant, are looking forward to the fast approaching day of the production of more complex computers, now in the development stage, such as products from the rapidly progressing digital computer program.

That the morale of the adjustment department is high is directly reflected by a minimum of customer rejections or complaints. The quality of work is high because each employee takes a sincere personal pride in the work performed. This attribute exists because all realize these are the last operations performed before delivery to the customer.

Adjustment employees are well aware of the trend in the computer field, and are fitting themselves for the ever increasing complexity that is foreseen in the near future. Through correspondence courses, night schools and college extension work, they are supplementing their experience with additional education.

When better and more complex computers are built, Librascope hopes to build them. The adjust-

ment department will be ready, willing and capable of tackling its end of the job.

## Employee's Wife Featured in Press

An excellent feature article on the creative abilities of Mrs. Edwin Thorpe, whose husband is employed nights on the engine lathe, appeared in a pre-Christmas edition of the Glendale News-Press.

Mrs. Thorpe is a member of the Dollmaker's Guild, a group interested in learning how dolls are made and devoted to the study of modern and antique dolls. Some of its members collect dolls, others specialize in costuming, and still others, like Mrs. Thorpe, actually make the dolls.

The News-Press article was occasioned when Mr. and Mrs. Thorpe traveled to Glendale's General Hospital with 33 dolls to present to underprivileged children hospitalized there. The dolls had all been made or donated by members of the Dollmaker's Guild whose membership includes residents from Redondo Beach through the San Fernando Valley.

## Get Ready Now For Yule of '54

"Don't be a Sad Santa," says the Librascope Credit Union. If you've been unprepared for Christmas expenses in the past, and the bills have flooded in during January, start planning for next Christmas by saving with the credit union.

Officials advise you to decide now how much you will need to deposit each week in order to have the amount necessary for next Christmas. Just one dollar per week will bring you \$52 next December 25. Six dollars per week will bring a tidy sum of \$312, in case you want to buy the wife a diamond bracelet. Or, pick any amount in between or above.

Also, don't forget the dividends you'll get.



## Librascope Computer Is Serving U.S. Industry In Many Companies

This month's featured Librascope product is one that has been serving industry for nearly two years. Some 15 companies have installed our automatic computer to rapidly solve for the proper ratio of eight concentrations in spectro-chemical analysis. Among these companies are Ford Motor Co., U.S. Steel Co., Vanadium Alloy Steel Co., Carboly Corp., American Brass, and Carbide and Carbon Chemical Corp.

An example of how the computer is useful is in solving the quantitative analysis of low alloy steels. All the important elements in steel can be measured spectrographically, with the exception of carbon and sulphur. The instrument may be required to make the analysis of an alloy steel, showing 8 to 12 of its important components with a precision equal to or better than that possible by either chemical or spectrographic procedures.



The problem for the computer is simply to measure the ratio of intensities of the alloying lines, from the spectrometer, to the intensity of an iron line in such a way that the relative concentration can be indicated directly. Once the ratio of the unknown to the standard element is known, then "apparent concentration" is determined by multiplying by 100. Having determined the apparent concentrations, it is then only necessary to solve the simultaneous equations necessary to reduce the result to actual concentrations. This problem is rapidly solved by means of the electrical analog computer developed and marketed through Baird Associates.

The instrument as shown in the accompanying picture consists of a set of dials upon which can be set the apparent concentrations obtained from the analysis of a high alloy steel by the direct reading spectrometer. Dials not used in the calculation are merely set to zero. After the dials are set, the push buttons at the upper right of the panel are depressed in turn to obtain actual concentrations for the corresponding elements, and are read on the servo-actuated dial at the upper left.

In addition to obtaining the actual concentrations, the instrument will also calculate the actual concentration of the standard element, so that an immediate check may be made on the accuracy.

The use of the analog computer enables an analyst to save a great amount of time and obtain much more accurate results than would be possible by ordinary spectro-chemical means. The current design provides for solutions of a system of 50 equations in 50 unknowns in not more than 4 minutes and a 100 x 100 system in not more than 12 minutes.

Each machine is modified to meet the special requirements of the customer, which insures maximum capacity to solve individual problems.

## Resolutions of '54 Easy to Break

Ah yes, the fair year of 1953 has finally passed with supersonic speed. As the years squeeze through our fingertips we find ourselves getting wiser and wiser through experiencing the little lessons in life.

It is an old American custom to resolve to better one's character and to erase overall bad points from year to year. I would like to associate New Year's resolutions with autumn leaves, once fresh and bright, changing color with time, and finally crumbling one by one.

Here are some New Year's resolutions as might be expressed by employees at Librascope:

Cesar Goldstein, tooling, resolves to tell fewer jokes next year.

Joe Riddle, engineering, resolves to keep on losing weight and to keep on copping blue ribbons in the 10 Pound Club.

Dorothy Willard, accounting, resolves to hand out all paychecks on time.

Don Barnes, accounting, resolves to dish out less money during 1954.

Paul Osterhout, receiving, resolves to grow a mustache to outdo Bill Shindels.

Jim Jones, purchasing, resolves not to spot Clem Abbott any more points on their weekly bets.

Roland Smith, purchasing, resolves to buy bigger and tougher problems for the engineering department to solve.

Ralph Barnett, scheduling, resolves not to make anymore resolutions.

Cliff Dahl, building engineering, resolves to keep the grounds and buildings in top notch shape. (With cooperation from Librascope employees.)

Marion Krotz, scheduling, resolves to do the dishes after dinner all by herself.

Beverly McGullick, central files, resolves to accentuate the positive and eliminate the negative. (That's a joke?)

As quite a prognosticator, I predict all of these resolutions will be kept. Well, here come the guys with the white coats. They were even nice enough last year to let me have a Christmas tree in my padded cell.

By Dave Abedor

## Librascope Team Talks to Students

A part of Librascope's plan for expanding research and development facilities in the engineering department is the interviewing of graduate students in engineering at various colleges.

Recently a team composed of Bill McAboy, mechanical engineering, Charles Krill, electrical engineering, and Dick Hastings, personnel director, visited the University of California at Berkeley to conduct interviews with many interested graduates and prospective graduates.

This interview session was just part of a continuing and long range program designed to insure that we have a constant flow of recent college graduates into the company each year.

Copies of a new pamphlet describing the company and the opportunities it offers are being sent to several engineering colleges.

## "Rocky" Sees the World With Librascope

Join Librascope and see the world! Well, maybe. At least Raymond "Rocky" Rockwell has done more traveling and spent more time at sea in his five years with Librascope than he did during his six years with the U.S. Navy.

Although Rocky joined Librascope in 1949, he had already been working on the Librascope Mk 4 Attack Director for two years as a Sonarman First Class. He serviced mechanical and electronic equipment for the Navy, including training equipment and other simulators, and saw how the Librascope products performed in the field.

Being practically a native of the San Fernando Valley, the nameplate with "Librascope, Glendale" on it had a strong attraction for Rocky. Upon completion of his six-year hitch with the Navy, he applied for a job with the company. He started work here as an electronics lab technician. In September, 1949, he was transferred to field services section of sales engineering and sent to the Washington, D. C. office. This office was closed down in January, 1950, and Rocky returned to Glendale as a field representative.

He was promoted to field service engineer in February 1951 and to his present position as supervisor of field services in March, 1952.

Until 1951, field service had been a one-man department. There are now four men besides Rocky in field service and he enjoys the idea of spending more time at home and less time living out of a suitcase.

Field service engineers are on immediate call and spend most of their time on trips away from the plant. Their duties include installation check out, maintenance, adjustment, and repair of Librascope equipment for the Navy. This includes instruction of Naval personnel on operation and maintenance of equipment manufactured by Librascope.

Field service representatives are required to do a considerable amount of traveling about the country and Rocky has logged his full share. As a matter of fact, he maintains that he has traveled more for the company than he did during his entire tour with the Navy.

Rocky was born in Beloit, Wis., the eldest of four children. The



Rockwell family moved to Burbank in 1925 when Raymond was one year old. He subsequently attended the Burbank schools, graduating from high school in 1942. Following graduation, he worked as a welder for Pacific Fabricators for a few months and then enlisted in the Navy.

Rocky was selected to receive training in the servicing of mechanical and electronic equipment and assigned to duty with

anti-submarine development groups and units, where he specialized in maintenance of training equipment. He filled duty assignments in the Hawaiian and Caribbean areas during the World War II.

Rocky is married and lives in Glendale. His special interests are working on TV sets and radios, his car, and being the special, handy "field services" engineer around the Rockwell household.

## Hundreds of Children Cheer Santa At Librascope's Christmas Party

Santa in person was the main attraction for the hundreds of youngsters who attended the Librascope Christmas party for children December 19.

The turnout was so great the Precisioners were forced to hold the affair in the Roosevelt High School auditorium in Glendale.

The happy kids sang carols, watched a puppet show, and were spellbound by the fine performance put on by Rickie Gottlieb. In addition, each child received a well-filled Christmas stocking.

Contributing largely to the outstanding success of the affair were Ralph and Mrs. Woodward, Carl Culver, Mary Schneider, Ed Dobstaff, Paul Wilson, Dan Fitzpatrick, Bill Given and Rick Gottlieb.

All said they were well repaid by the smiling and joyful faces of the youngsters as they watched the show and enjoyed the frolic.

### Color Film Scheduled

"Technique for Tomorrow" is the title of an excellent 20-minute color film to be shown at the plant Monday, February 1.

The film was produced by the Ford Motor Company, and shows the installation of many automatic devices in a modern factory.

## Culver Elected Golf Chairman

Librascope's divot diggers elected Carl Culver as their chairman for the 1954 season at a recent session held at the plant.

Plans were made to hold a series of monthly tournaments during the next six months, and it is hoped that all the enthusiastic golfers from the company will participate.

The scores made in these tournaments will establish handicaps for the big annual Librascope tourney.

First rounds will be played in February, so start getting those foursomes together now.

The Librascope Inc. Joint Apprenticeship Committee has elected Roy Dimon, Tool Design, as chairman for the coming year. (1954)

## Aid Club Project

The cost of training a seeing eye dog was discussed by Captain Kreimer of the Pioneer Training School for Guide Dogs, located in Burbank, at a recent meeting of the Librascope Aid Club.

The committee is interested in determining the need for seeing eye dogs in the company and community. Anyone knowing of anybody associated with the company or living nearby who requires a guide dog is requested to contact Joe Riddle or any Aid Club member.

## The Losers Win

Eli Catron, engineering, lost more than 10 pounds in the first week to take top honors in the "Ten Pound Club." The seven members lost a total of 40 pounds in the first week.

Official weighing in is done at noon on Monday on the shipping section scales. Before lunch, naturally.

In addition to feeling better, all members have hopes of financial rewards due to wagers they have made among themselves.



## Librascope Planning Exhibit At Computer Conference

The Los Angeles Ambassador Hotel will be the scene of the forthcoming West Coast Computer Conference, scheduled for February 11 and 12.

The show will be sponsored jointly by the A.I.E.E., I.R.E., and the Association for Computing Machinery. There will be a two-day session of technical papers and an exhibit by manufacturers of computing equipment.

Librascope will exhibit our plotter operating punch cards that was such a hit at last year's Chicago exhibit, our analog digital converter, sine wave generator, and several other of our latest commercial instruments and components.

Wilbur Silvertooth and Bill Waddell will be in charge of the Librascope exhibit.

## Christmas Crowd Cleans Out Store

The Precisioners' Store was the scene of a mad rush during the Christmas shopping spree, as hundreds of Librascope employees thronged the building to take advantage of discount buying privileges. Anyone who tried to jam through at noon can testify.

Immediately after Christmas Eileen Brown took a look around at the practically empty shelves and sighed, "It was hectic, but fun." Eileen thanked all who co-operated during the rush period.

Plans are underway at present for making 1954 an even better year. Blanket clubs, clock-radio clubs, and electric mixer clubs are among several being started this month.

## Two General Interest Films Shown To Librascope Workers; More Due

Two informative and interesting color films were shown to Librascope employees during December, the first in a series of general interest presentations.

Approximately 70 persons viewed a 22-minute film on the latest digital computers produced by the International Business Machine Corporation. Entitled "Piercing the Unknown", the picture traced the development of mathematical computers and stressed the creative engineering that is required to develop such complex electronic data processing equipment as the IBM-701. It described the applications of computers and the means by which they solve mathematical data in 100 hours, data that might take a professional mathematician 100 years to do.

Items such as the flight path of a guided missile can be computed in a few minutes by the use of such a computer; problems involved in developing a jet engine or a transport plane that would have taken years to solve using old-fashioned methods are now computed in a matter of hours or days.

At the conclusion of the film, Don Wall of IBM gave a brief talk on computers and conducted a short question-answer session for the assembled viewers.

Nearly 50 employees enjoyed a second film entitled, "The Tool and Die Maker Trade", a picture produced by that organization's national association. The picture outlined the importance of the tool and die makers to the country's mass production industries which have done so much to create our present high standard of living.

The picture served as a reminder that many of the things which the populace accepts as a matter of course are the direct result of the skills employed by the tool and die makers.

Metal stamping, forging, casting, and plastic forming are all done by means of special dies. Tool-makers fashion the amazing new precision equipment that is required today, as a matter of course, by modern industry.

More films of a general interest nature will be shown during 1954. Watch your bulletin boards of announcements of the "coming attractions". The engineering drafting room will be the site for all future presentations.

## Bowling Team Standings Listed

Bowling team standings on January were as follows:

Team	W	L
Spotters	36	12
Gremlins	32	16
Hot Shots	30	18
Muskys	30	18
Five Marks	26	22
Dodgers	26	22
Roaring Five	25	23
Big Five	21	27
Strikers	21	27
Lo 5	20	28
Lucky Five	20	28
Fireballs	19	29
4 Strikes & Spare	18	30
Pop's Cubs	12	36

John Delle Fare and Charles Perro share our high score honors.

## Employee Dinner

Through a novel technique of "community" saving, some 30 Libra couples recently financed a dinner for themselves at Rand's Round-up on Sunset Boulevard and then saw Hollywood's "Cinerama". The employees, all from Johnny Buchen's machine shop section, place a dollar each week into a special fund. When sufficient green is amassed, the group decides where and when to invest it.

## The Librazette

Copyright 1953 by Librascope, Inc., 1607 Flower Street, Glendale.

### EDITOR

Stan Bibbero  
ASS'T EDITOR

Bill Tracey

### STAFF

Bill Walker—Prod. Control  
Elsie Stefaurak—Inspection  
Wally Tyler—Assembly  
Dick Hastings—Personnel  
Carl Culver—Assembly  
Arlene Hesse—Inspection  
Juanita Delle Fave—Drafting  
Doris Appleby—Assembly  
Chuck Freeman—Accounting  
Keith Kinnaird—Publications  
Dick Bartlett—Personnel  
Photography by Lee Duggan  
Dave Abedor—Shipping

## Lippy Says



Lippy created by Joe Riddle

## Spring Term Set At Night Schools

Local schools and colleges are offering a variety of evening classes this Spring, and the company is interested in assisting its employees to improve themselves and prepare for greater job responsibilities.

Spring schedules for the following schools are available from the training section of the personnel department:

Glendale College;  
Hoover High School;  
Burbank High School;  
John Burroughs High School;  
Valley Junior College;  
Pierce Junior College;  
Pasadena College;  
Hollywood High School;  
Los Angeles City College;  
Los Angeles State College;  
University of Southern California;  
University of California at Los Angeles.

Whether you are interested in shop mathematics, business administration, or engineering, there is a course available within a few minutes drive of your home.

Most schools are starting their spring semesters February 1, 1954, with registrations scheduled during that week. Plan to devote some time to self improvement through attending evening school at least one night a week. Most courses run from 7-9 p.m.

## Hints On Success

Start the new year right by picking up your copy of Librascope's "Ten Steps to Success in 1954" at the personnel office.

This four-page pamphlet contains many valuable ideas which can assist you in making the most of your abilities. Copies are free of charge, and may help you get that raise or promotion you have wanted.

## PROMOTIONS

Charles Keesling, Methods Analyst to Ass't Foreman, Machine Shop.

Robert Ripley, Schedule Clerk to Parts Coordinator.

Elaine Furstenau, Department Clerk to Schedule Clerk.

Charles Carnahan, Schedule Clerk to Production Planning Clerk.

John Constable, Mach-Radial Drills, to Mach.-Radial Drills, Leadman.

Robert Greer, Mach-Spec. Drills to Mach.-Boring Mach.

## BIRTHS

Marvin Ettinghoff, electronics, and his wife, Helen, are proud parents of a son, born December 17. They have named the boy Tracey Harris.

Abraham Borts, designing, and his wife, Natalie, have announced the birth of a girl, Barbara Marcy, born December 19. The youngster weighed in at six pounds, three ounces.

Other Librascope employees who have become new parents include Charles Flickinger, Howard Gilbert, Jack Klosterman, and F. Jensen.