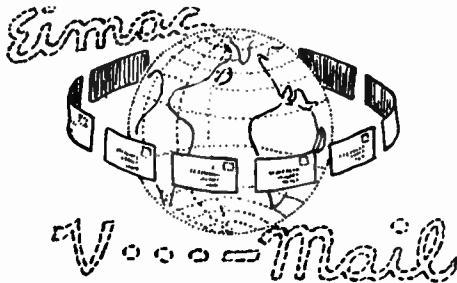


Engineering News

SAN FRANCISCO PLANT

November 11, 1944
Vol. 3 • No. 3



(Lt. Helen Jane Blank, Army nurse in England, wrote the following to Lou Nichols.)

Colenbourne, England.

Dear Lulie:

Isn't it wonderful? I'm actually here and so far it has exceeded all my expectations. Came close to Ireland but didn't quite make it. I'm happy to be here, though. Had a super trip and was an excellent sailor. Aren't you proud of me?

Would like to tell you a lot of details but censorship is terrifically strict so you'll have to wait until I come home and we can have another of our long chats.

It's cold here at night and we really bundle up at bedtime . . . wear bedsox and use hot water bottles. We're living in eight bed huts and I like it a lot. I'm with girls that I knew before and that makes it swell. One of the girls met her husband here. Wasn't that a wonderful coincidence?

Am working harder than I did at home but really am enjoying it. I go on night duty (7-7) on the 15th. I wouldn't mind so much if there weren't someone I'll miss not seeing, but pray that he'll still be nearby after my two weeks is up.

Must go—tonight is my night for the bathtub, and I'll not miss it. Love,

JANE.

Grid Gossip

By Dot Pigott

Lorraine Reynolds, Ethel Bates and yours truly wish to thank the department for the lovely birthday cakes and greetings we received this week.

Dottie Pires' brother, Corporal T/5 John Pires, was awarded the bronze star for meritorious service in action in Italy. He is a member of a Combat Engineers' Battalion.

Welcome from swing shift, Irene Einck—it's nice having you with us.

Rose Demergasso, Kaye Anderson and Mr. and Mrs. Mazolla (Alma Pera) were seen tripping the light fantastic at the Eimac dance.

Irene and her husband, 2/C E. M. John Boda, and Rhetta and husband C/CS Fuchs had dinner together at the Colonial.

EIMAC NEWS

Published every Saturday by the employees of
EITEL-MCCULLOUGH, INC., SAN BRUNO, CALIF.

Editor	John Nelin
Staff Secretary	Lou Nichols
Associate Editor	Dagmar Rosewood
Feature Editor	Alice Motto
Society Editor	Kaye Anderson
Sports Editor	Ed Wilkes
Feature Writer	Clara Wheatley
Photographic Advisors	Dave Atkins and Bryant Rogers
Photographers	Charles Dole and Pat Simon
Cartoonists	Dick Chamberlain, Barbara Matthai and Paul Cifra
Reporters and Columnists	Lorraine DeMartini, Kay Jacobson, Jan Martin, Jeanne Tiffany, Bonniejean Railsback, Sig Johnson "Shorty" Walrod, Lee Prendergast, Adeline Evans, Shirley Gurtler, Beth Ludwig, Georgia Young, Dolly Agard, Hazel Tomlinson, Ginne Oldershaw, Jo Russell, Verna Keegan, Irene Webber, Gene Gallagher, Grace Forrest, Sheldon Norris, Stella English, Virginia Damberger, Dave Jackson, Bette Lewis, Leila Mingledorff, Betty Ferreira, Dot Pigott, Bruna Romani, Vicki Burch, Alberta Harris.
Advisor	John Van Young
Special Contributor	Phyllis Johnson and Madeline Johanson



Lee Woods and the Eimac Cafeteria were paid a visit by four members of the War Food Administration pictured above. Two are officials from the Industrial Feeding Programs Division in Washington, D. C., who are touring the country visiting various model inter-plant cafeterias—Eimac's had been chosen as outstanding for its type and size in this area. The other two visitors are Industrial Feeding Specialists from the San Francisco office of the WFA.

From left to right are: G. H. Jensen and Eulita D. Hogle, both Industrial Feeding Specialists from San Francisco; Erwin G. Adelberger, Chief of the Facilities & Equipment Section and Ruth N. Lusby, Technical Adviser of Industrial Feeding Programs Division in Washington, D. C., and Lee Woods of the Cafeteria.

Kaye Anderson went to the Eimac dance chaperoned by her brother, T/Sgt. Lee Satterlee and his wife, who came from Monterey for the week end. Lee is stationed at Fort Ord at the present time awaiting further orders.

Rosalie Deaver certainly surprised us Monday morning with a "Sparkler" on the third finger of the left hand! Congratulations from us all, Rosalie!

"Tommy" Druhe sure looks pretty with that new hair do!

Jean Lish and Bernice Apple were seen having dinner at the Southern with their soldier husbands.

This Week's Cover

Featured on this week's cover are three Eimac diffusion pumps, hooked up together. The multiple use of the pumps increase the speed of the vacuum although it does not increase the ultimate vacuum. (See page 10 for more information on the diffusion pump.)

ANNOUNCEMENT OF APPOINTMENTS MADE



George Wunderlich is now Eimac's general manager



Hew Wilson becomes manager of Salt Lake City plant



Louie Pierri to assume duties of San Bruno production manager

What's What Up Front

By Bette Lou

For some time now something has been missing in the Accounting department, but everything is fine now. We have Evelyn Gutzmer back with us in the afternoons.

—o—
What some people won't do for attention. Last week Marie Hummel brought a small walking doll to work. Everyone had to stop for a moment and play with the doll. (It was fun, too.)

—o—
The Office wasn't very well represented at the dance last Saturday. Among those attending were: Jeanne Smith, Betty Wickham, Bill 'Jitterbug' Dixon and Earl Sanderson. From all reports, everyone had a grand time.

—o—
For a week now there have been small huddles around the Office and a few disagreements. Stepping closer, I could overhear some of the discussions—seems there was an election for something or other. Yours truly is a little too young to understand some of the 'goings on.' Maybe in a year or two, I can add my two cents worth to some of the election discussions. I might also add that John Preston is sitting on his decision. Someone covered his chair cushion with campaign buttons.

—o—
Birthdays everywhere—they're in the air. Bernie Reed celebrated her birthday last Tuesday, so the girls in the Payroll

WUNDERLICH, PIERRI AND WILSON AFFECTED

Appointment of George Wunderlich as general manager of Eimac was announced this week, to take effect with the arrival of Louie Pierri from Salt Lake City to become production manager of the San Bruno plant.

Pierri's job as manager of the Salt Lake plant will be taken over by Hew Wilson, with Jim Cathey remaining as plant superintendent. Rad Leonard's job as San Bruno plant superintendent is unchanged.

Exact date of Pierri's arrival from Salt Lake was uncertain, as it involves moving his family and household. He has been in Salt Lake since the plant opened in July, 1942, first as plant superintendent

department presented her with a cake and two books. The books were, "Suez to Singapore" and "High Time," the sequel to "Suds in Your Eye." Also a year older is Gertrude Hamilton, who was presented with a cake and some stationery.

—o—
Tonight the S.W.A.C. will entertain the service men at the U.S.O. (This looks as if I am mixed up with some alphabet soup.) The girls will take over the canteen.

—o—
Have you noticed Fred Barber's new fascinating smile? Fred has had some of his ivories extracted.

—o—
A bird in the hand is worth two in the bush. This might also apply to a cup of coffee in the hand is worth two elsewhere.

and, a year later, as plant manager. One of Eimac's veteran employees, he has been with the company since November 13, 1937.

Wunderlich has held the position of production manager here since he first enrolled in the Eimac staff May 1, 1941, although his duties have been those of a general manager for the last two years or more.

A part of the original Salt Lake management group, Hew Wilson has served as assistant manager at Salt Lake since April, 1943, after a year as personnel manager and head of the accounting department.

John Van Young made the mistake of putting his coffee on his desk and then proceeding to sit on said desk and knocking the coffee over. That blue hue escaping from Van's office wasn't smoke.

—o—
I wish all of the news I put in the column could be good, but now and then there is a sad bit of news I must write. Friday will be the last day Phyllis Johnson will work at Eimac. Phyl is going down to Santa Ana to be with her husband who is stationed there.

—o—
Everyone is going to Salt Lake this week. From up Lab way we have Buck Rogers, who will leave today—then from Purchasing, it was learned that Earl Sanderson has already departed for the Beehive state.

Best foot forward!



Doug digs deep



When good friends gather



Time out for band!



Gaiety Reigned Despite Poor Weather

By Leona Moser

Typical mid-winter weather failed to put the damper on the enthusiasm of nearly 200 persons who ventured down Millbrae way last Saturday night seeking entertainment at the Pre-Holiday dance which was held at the Millbrae Country Club.

Syncopated rhythms and a blazing fire in the fireplace greeted the folks as they entered the ball room, who put their best foot forward and made it a point to have a good time throughout the evening.

Down at the end of the dance floor was the "personality kid," Jack Petty, whose

World Radio History

beaming smile welcomed those who thronged the dancing area. It was J. Pett who waved the baton in front of his musical colleagues, and he doubled in brass—the only brass, in fact, for the orchestra was devoid of any such section save for J. P.'s toots on his trumpet.

The unkindness of the weatherman in sending down bucketsful of rain failed to influence the gaiety of the dance, for merriment galore was prevalent in every section of the clubhouse, and "stay-at-homes really missed a good party."

Who's Who At Eimac

PAT WARRINGTON

That man with ready smile and pleasing personality who is always prepared to sign his name on orders to supply everyone's needs, is none other than Pat Warrington, assistant purchasing agent.

Since March, 1942, Pat has been employed in the Purchasing department. His occupation includes the endless turmoil of expediting general buying of materials for the various departments throughout the plant. Be it obtaining a priority or a sheaf of notebook paper, Pat is on the beam and gets the job done.

Pat was born in Chatteroy, Washington, in 1915. He came to the bay region at the age of four and attended school in San Francisco, graduating from Polytechnic high school in 1932. Upon graduation from Poly, Pat attended Rhodes Business College in the City, where he majored in mathematics.

The depression meant a scarcity of jobs, so Pat found himself a soda jerk until his first break came in 1936. He was employed at the G. C. Stater Co. in San Francisco. During the five years he spent with that firm he traveled considerably for it.

In 1938 Pat met the one and only and became a married man.

Prior to coming to Eimac, Pat was employed as a supervisor with a Gilmore Service Station in the City. In want of a change, and through such contacts as Jack Stark and Dusty Rhodes, Pat was directed to Eimac.

Athletics were Pat's main interest until he joined the ranks of married men. Basketball and baseball were his favorite sports. He was a member of the Eimac "Blues" basketball team in 1943, and has been an active member of the Eimac "Fleas" softball club. Pat has liked baseball since he was "knee high to a duck," as he put it. Now, however, Pat's interests are primarily centered around his home and family. Pat is the proud father of a two-year-old son, Raymond Bruce. Eimackers have undoubtedly seen the picture of little Raymond on a recent Eimac News cover. With a baseball bat in his hand and a gleam in his eye, Raymond is a "chip off the old block."

By Clara Wheatley



Pat Warrington—a guy with a smile and a personality



Fourth Star Added, "E" Pins Awarded

Last week the Swing shifters received their copies of the Eimac News dripping with ink from the freshly inserted announcement that once again Eimac had won the Army and Navy "E" award.

Thirty-two Army-Navy "E" pins were given out Monday to those employees who have been hired since April 22nd of this

year, the date of the last White Star presentation.

Soon, down will come the flag and a fourth star will be added before it is hoisted up again. The additional star makes a total of five Army-Navy "E" awards that the workers at Eimac have earned.

Rain put the damper on the football games scheduled for this week. Weather permitting, two games will probably be played next week.

SERVICEMEN VISIT

Five names were listed on the guardhouse visitors' book since the deadline of last week's issue of this publication. Two were former Eimackers, three veterans returning from duty in the South Pacific.

Pvt. Lawrence Bottai, formerly of Eimac's Glass department, was conferring with his former fellow workers here in the plant while on furlough. Larry left the plant in the early part of June and was sent to El Paso, Texas, where he received anti-aircraft training. When his furlough is up, he will report back to his Texas station.

From "the hills of Idaho" came Lloyd Walrath, fresh from boot training at Farragut. Lloyd was home on leave and his orders directed him to return to Farragut.

Lloyd was foreman of the swing shift Plate department staff prior to his entrance into the Navy late last July.

On Wednesday, a few minutes before the deadline of this issue, three veterans from the South Pacific zone were in the plant. Bob Garrison, MM 1/c, son of well-known "Pop" Garrison, was shown through the plant by his father. Bob has seen action in the New Guinea area and is home on leave for the first time in three years. At the conclusion of a 30-day leave he will report to a naval station in Rhode Island.

Sergeant Hurshall Hooker and PFC Ben



From left to right—Sgt. Hurshall Hooker, "Pop" Garrison and son, Bob Garrison, MM 1/C, and PFC Ben Edwards had their pictures "took" together while visiting the plant Wednesday

Edwards of the Marines were visitors at the plant at the same time as Garrison. Both are convalescing after duty in the Pacific theater of the war.

Hooker, who hails from a small town in Texas, saw considerable action on Guadalcanal and Tarawa, while Edwards, who is a native of Seattle, Washington,

participated in the Saipan and Marshall Islands campaigns.

The two Marines seemed greatly impressed with the plant and expressed especial words of enthusiasm over the Army-Navy "E" flag, which represents five awards for excellence in support of the war effort.



Lloyd Walrath, now a graduate "boot"



Pvt. Lawrence Bottai came a-visiting

Altar Echoes

By Kaye Anderson

Last Monday morning, Rosalie Deaver came to work with an extra-special gleam in her eyes and it was shortly thereafter that she surprised her friends with the announcement that she became engaged to B. W. Harland of Redding, California, a week ago today.

On her third finger, left hand now gleams a beautiful diamond solitaire.

Rosalie left her home town in Texas more than two years ago and came to Eimac where she was hired as an employee of the Spiral Filament department. After a period of six months there, she was transferred to the Grid department, where she now works on day shift.

As yet the couple has made no definite plans for the wedding date.



Rosalie Deaver now has a "sparkler" on her left hand



A Year Ago This Week

A choral practice was held at the American Legion hall and following it, a juke box dance which was sponsored by the day shift committee. Purpose of the choral session was to prepare for Christmas carol recordings.

A music committee composed of employees was chosen to select recordings to be played over the P.A. system at definite times throughout the day. A poll was taken to determine the type of music preferred by the majority of Eimackers, and on that basis music has been selected.

More than 100 Eimackers put in an appearance at the Burlingame gymnasium where dancing lessons were given—the Arthur Murray way.

Athletic-minded swing shifters romped and played at the Burlingame gym as they battled among each other on the badminton and basketball court. (See picture.)

More than 30 persons joined in the fun which prevailed at the Lab party, held at the Crystal Springs country club.





Dale Bost came up with a mandrel idea



Jack Williams—got five bucks for idea on glass



Lloyd Sloan—a four-ply winner

Six More Win Suggestion Money

Checks are being cashed this week by six foresighted Eimackers who hit the suggestion jack pot with their ideas.

Big time winner with an eye for improvement was Lloyd Sloan of the swing Grid department. Lloyd came up with four suggestions, submitted for consideration at the same time, and all were found practicable and put to immediate use. With a total sum of \$55 the committee evaluated them in this order: Two suggestions concerning improvements in the welding of the plate sections gained him \$15 each; an aid to the welding of grids was valued at \$15; and the design of a grid carrier which facilitated moving and greatly reduced breakage received \$10.

Putting their heads together netted Lorraine DeMartini and Howard Duhamel of the day shift Chemical department a total of \$20 or dividend, \$10 apiece. The two collaborated on an idea for a holder which facilitated boiling operations in the Chem department and has been in use for some time. Howard is a two-time winner since he received hard cash for a suggestion reported in last week's Eimac.

A special mandrel was designed and described by Dale Bost of the day shift Grid department which netted him a check to the tune of \$7.50. The design eased the operations on grids which previously required restricted handling.

Clara Cross of the Spiral Filament department also received a check amounting to \$7.50 in recognition of the merits of her suggestion. The idea which paid off for her pertained to the use of an arc welder for one of the operations in her department.

An idea for the improved storage of glass tubing stock materialized into a check for \$5 made out to Jack Williams of the Glass department. The application of Jack's suggestion has aided in the necessary handling and tallying of the stock.



Howard Duhamel and Lorraine DeMartini got together and came up with an idea which gained them \$10 each

Pump Prevarications

Well, here we are again. Wonder what's new this time? It seems to me there are an awful lot of sleepy people around here lately. Mickey Sessions says it's because she and her husband, Jerry, went down to San Jose last week end to celebrate Jerry's birthday. They also celebrated something else, but Mickey says she doesn't know what it was.

—o—

Opal Avants is another sleepy person. She says she just sits up all night and gabs. She neglected to say with whom, and besides we really don't believe her anyway

—o—

Seen at the latest Eimac dance and having a very good time were: Jim Kelso and his wife, Mr. and Mrs. Kay Kehler, Elmer Bushell and the missus and Don and Janet Masterson.

—o—

Just mention Marines to Eve Forianini and watch her smile. And speaking of smiles I wonder what Wally Walzberg is grinning about these days?

—o—

I was terribly sorry to hear that Lois Hill of Basing is seriously ill in the hospital. Please get well soon and hurry back, Lois.

—o—

Well, Elmer Bushell won the check pool this time so I guess Al Mussio isn't as lucky as I thought. I have been assured

by Ginne & Shorty

that I will win next time. You know I just think they're trying to get my four bits, as they have been telling me that for weeks now. Oh well, one of these days . . .

—o—

Jeepers, I have run out of things to tell you already, so I guess it's so long for this week and I'll let Shorty take over. By, kids. Here you go, Shorty.

—o—

Between you and me I like this deal of combining the news of swing and days because this way I don't have to write so much.

In case you swing shift people haven't heard from your former Basing supervisor, Rog Walrod, I received a letter from him recently and he is still at Farragut, Idaho and is spending his time between guard duty and doing his laundry. He also passed the radio test and has a chance to take radar if there are any openings when he finishes boot camp. He would like to hear from some of you swing shifters and if you would like his address, I have it.

—o—

Groucho Marx (Excuse me, I mean Elliott Sigourney) is back after a week leave. Now the three musty bears (Lustig, Sigourney and Koski) are complete again. So beware you peoples, for after listening to them talk for awhile, you'll wander off talking to yourself and get a very intelligent answer, too.

Request Blood Donors Notify Service Bureau

Several Eimackers recently donated blood in South San Francisco where the Red Cross blood donor service mobile unit was located. The blood was processed into dried plasma. Later a number of swing shifters gave blood to the San Mateo county blood bank in San Mateo.

The response to the bulletin notices and P. A. announcements has been quite gratifying to both blood collecting agencies for Eimac employees contributions aid in their endeavor to meet daily quotas. However, the need for blood still exists and both the Red Cross and the Blood Bank frequently call the Service Bureau requesting more donors.

To alleviate a last minute call for donors, through the use of P. A. and the daily bulletin, it would facilitate matters considerably if those who are able to give blood would sign up before an announcement—right now—so when a call is received from either blood agency, the Service Bureau may have at hand a list of prospective donors upon which to call.

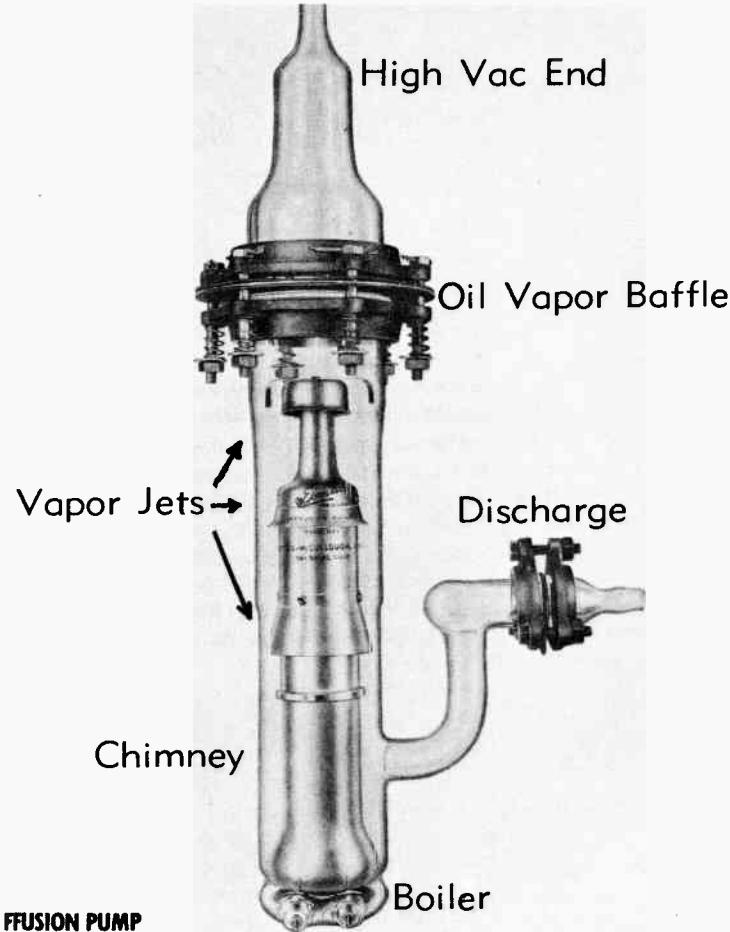
A large number of employees have given blood more than once and are only waiting the specified three months between donations before giving again. If these people will inform the Service Bureau of the date on which they will be eligible to give blood again, appointments can be made for them at that time. The cooperation of all employees will greatly aid in this necessary program.

Employees are requested to give blood only on days which will be followed by a day-off.

There has been some discussion regarding the difference between the Red Cross donor service and the San Mateo county blood bank. Blood collected by the Red Cross is processed into plasma and sent overseas, while the Blood Bank supplies Bay Area naval hospitals with blood for returning wounded, as well as storing plasma for use in case of fire, bombings or other disasters.

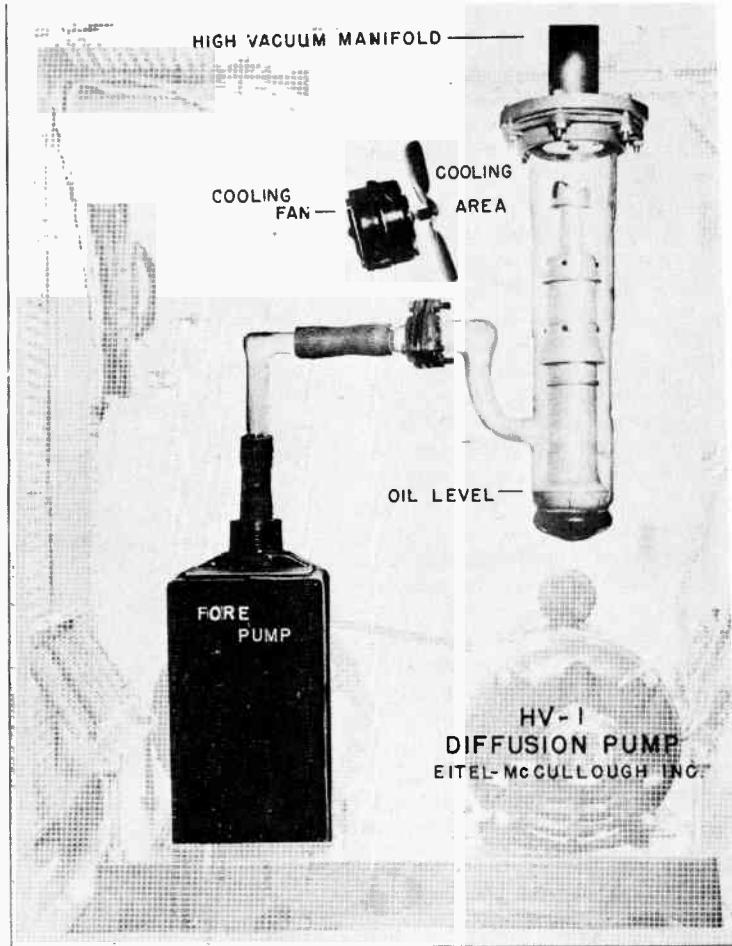
Both agencies require that donors who are not 21 years of age have a release, signed by their parents or guardian. If minors are married, however, no release is necessary.

A couple of lucky people last week were Ann Biagi and Dan Owen. It seems they both decided they would take things easy and rest on their vacation instead of resting the week after their vacation. (Now I'm not saying anyone does, but I don't know of anyone who wouldn't like to.)



FUSION PUMP

Eimac's Diffusion Pump, Type HV1



This is how the diffusion pump is rigged up with associated apparatus

This and That About The Diffusion Pump

The Eimac Diffusion Pump, type HV-1, that is used throughout the plant and Lab for exhausting tubes, high vacuum furnaces, carbonizers, etc., was specifically designed to meet the exacting demands of our production. The rigid pumping schedules necessary to produce the tubes "guaranteed never to fail because of gas released internally" made very high vacuum, produced rapidly, a real "must."

The performance of these pumps, their ease of servicing and reliability are well known, but the principle of operation is clear only to a few. To remedy this situation this article is offered.

The name "Diffusion Pump" comes from the method of operation. That is, the pumping is actually accomplished by the diffusion or mixing of air and a vapor that can be directed and controlled. Thus there must be: a vapor source, which in our pumps is Eimac Pump Oil; a means of producing vapor from the liquid oil, which is done by boiling the oil in the bottom of the pump with an immersed electrical heater; and a duct system for carrying and directing the vapor stream. This is the aluminum chimney running up the center of the pump.

A vacuum-tight casing which consists of a glass cylinder open at the top, for connecting the system to be pumped out, and closed at the bottom to form the boiler, contains this chimney. Mention must be made of the side wall opening just above the boiler as this is the "discharge" end of the pump.

Since the pumping will not take place with the air pressure in the pump above a certain value, depending upon the design,

it is necessary to connect this discharge end to a mechanical pump capable of reducing the pressure to a point below this critical value. This mechanical reduction of pressure also prevents the oil from fuming and smoking in the pump. This mechanical pump is called the "fore pump."

If the pressure in the system is below the critical value, oil vapor from the boiling oil in the bottom of the pump ascends inside the chimney and issues from the orifices spaced along its length. Each orifice is covered by a skirt or umbrella with the opening downward to direct the oil vapor back toward the boiler and outwardly toward the glass casing as well. As the vapor moves out and down along the casing wall it is cooled sufficiently to condense it to liquid. This liquid oil runs down the casing and returns to the boiler only to repeat the cycle over and over.

That is all there is except the diffusion of the air into the oil vapor which makes the pump "pump." Diffusion goes about like this--there is air in the pump system since only enough is removed by the mechanical pump to lower the pressure below the critical value.

This air diffuses or mixes with the oil vapor as it comes out of the skirts or jets on the chimney and the mixture is carried downward by the velocity of the vapor.

At some point in the downward travel the oil vapor condenses to liquid leaving the air stranded.

Since more and more air is mixing with the oil vapor at the jet opening and is being carried downward and left, the air

(Continued on page 11)

THE WALRUS SEZ:

It was a sad walrus who waddled into the plant the other night. The tears flowed down his tusks as he confided that he was all washed up . . . yep, the walrus lost an election bet, the penalty being that he would quit snoopin' on the swingsters if he lost . . . so it was a sad but wiser walrus who gave out with his last scoops.

The swing shift movie presented Tuesday night was "Kiss The Boys Goodbye" and need it be added . . . a very fitting swan song for friend walrus.

Planned to replace the movies for awhile will be organized bowling nights. The first of these has been scheduled for Wednesday, November 15. All bowling enthusiasts are invited to contact their social committee representative who will in turn make reservations at the Burlingame Bowl for those who plan to attend. The bowling will be at the individuals expense, but the social committee has volunteered to make all the arrangements. Since so many of the keglers like to go down to practice for the regular league one night a week, it was thought it could be included on the regular swing social schedule.

Juke box dances will continue to be planned for the jack and jills with time to kill. However, starting next week, and every other week thereafter, they will be held on Tuesday nights with the same rules regarding the 12:00 closing of the doors strictly in effect.

And with that, the weeping wall-eyed walrus wabbled wearily away around the corner (warbling all the while whew!!!!)

The Diffusion Pump (Continued)

pressure decreases above the jets and increases below.

Each jet of vapor acts to lower the pressure above it and since there are three jets, one above the other, the pumping action is additive and the pressure above the top jet, and therefore in the high vacuum end of the pump, is rapidly lowered while the space just above the boiler becomes crowded with air which is promptly removed by the mechanical pump and discharged into the atmosphere.

This air is being swept from the top of the pump to the bottom very rapidly and the whole action constitutes a high vacuum "Pump."

In the "tight" system the pressure is lowered to about one billionth of an atmosphere, while in a gassing system air is removed at a speed of about 60 liters per second at the lowest pressure. Several pumps can be used to increase the speed, but not the ultimate vacuum.

KEM KITTIES

by Larry

Does your cigarette taste different lately? What taste? What cigarette? I've changed my brand to O.P.'s (other people's). I wouldn't advise you to try it, though—it doesn't exactly make for popularity. Even your best friend will avoid you. I guess my only other alternative is the black market. Information regarding the cigarette black market will be greatly accepted. I'm desperate!

—O—
Here's the dope on the Chemical department cigarette situation:

John Iverson is a fellow who, for the most part, was generous with his weed supply. I said was! How is Johnny handling this crucial problem today? He rolls a very beautiful cigarette. Of course, he takes a little more time and effort, but then the results are almost as satisfying—not like a ready-made smoke, but one can hardly expect him to compete with tobacco experts.

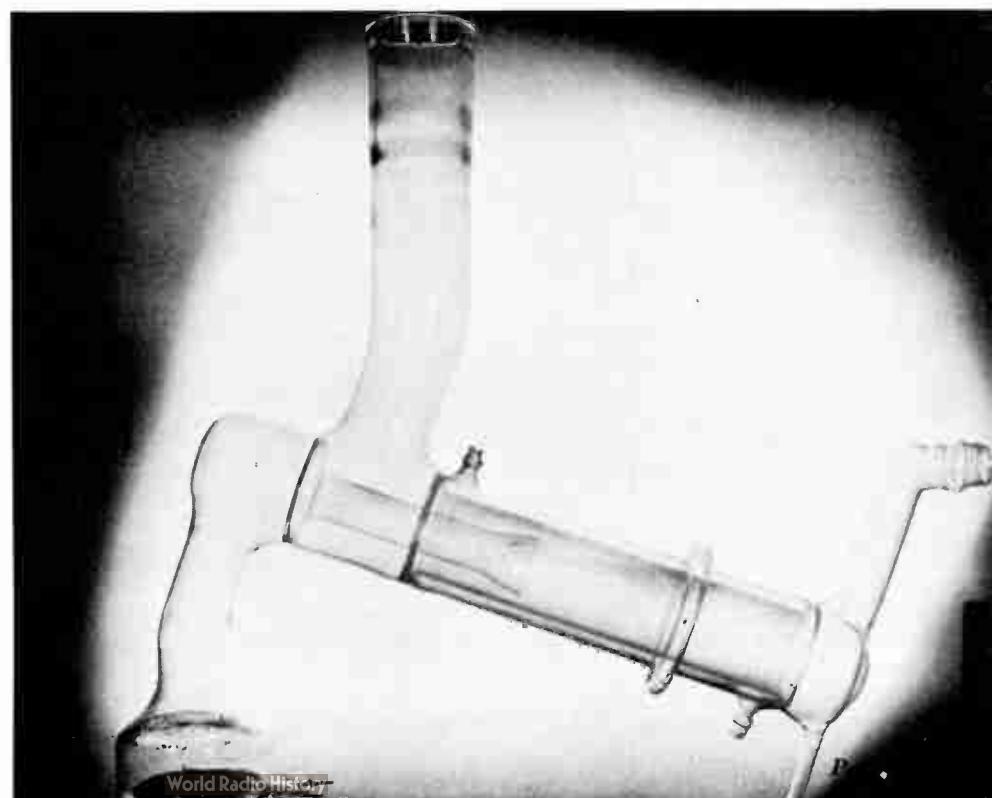
Two other nicotine inhalers are Eleanor Cunha and Marge Hunt. Well, Eleanor and Marge have a friend who has a friend, who has lots of friends. That's a lot of friends, true, but where do the cigarettes come in? The gals have formed a scouting party consisting of three or four hundred people stationed all over America. The law of averages says with that number of scouts on the search and the alert, the chances are pretty much in

their favor of getting one package of their favorite brand—so round, so firm, so fully packed, so easy on the draw—but so hard to get.

This brings us up to the case of Edward Wilkes, a heavy smoker from way back. The Wilkes method was rather unique. Eddie's a pretty smart kid anyway, you know. Eddie used to be a tobacco auctioneer. Yep, he was! He lived down thar' in the middle of the rich tobacco fields of the South. He knew all the tricks of the business, too. So, he wrote to a leading tobacco company inquiring about the meaning of the letters LS/MFT. The tobacco experts were stunned!! Here was a man, probably the only man in America today, who did not know what these famous letters stood for. There was only one thing to do—keep the man quiet! Never let this bit of scandal leak out! Do anything but let the public hear of it!! Well, the tobacco boys put their heads together and decided the only way to do this was to furnish Mr. Wilkes with cigarettes as long as he lived, or until he gave up smoking, under the condition that he never breathe a word of it to anyone, not even his own conscience.

Ho hum—there goes the alarm. That was such a nice dream too . . . I was already thinking of bumming a cigarette from Eddie. Darn it, another day of smokin' butts!

An all glass oil diffusion pump, with water cooling jacket—the fore-runner of the present Eimac diffusion pump. It has a pumping speed of five liters per second in contrast to the 60 liters per second of the HV1



Over the Stock Counter

By Georgia and Gene

After giving his all for the dear old Stockroom bowling team the other night, Don McMillan found himself practically shoeless. Someone had accidentally, or otherwise, taken the Mugger's footwear. Talking fast, Don was able to wear his bowling shoes home and for the nominal fee of 10 cents. The next morning Don came to work in his Sunday-go-to-meeting shoes, where he solved the mystery of the missing number elevens. There they were, neatly laced—on the feet of George Parks. It was just Don's good nature that kept him from stripping George of the shoes that very moment.

When told that they were not his shoes G. P. was, to say the least, bewildered. This started a second mystery as to the whereabouts of George's shoes. This story, like all of its kind, has a happy ending. The shoes were found on alley 16 under the third ball from the left.

—O—
"A good time was had by all." Usually when you hear that expression you know that at some time or other there was a party. That's right—the Stockroom had a get-together for Hallowe'en. It was held at Bob Griffin's house with ghosts and goblins also in attendance. The usual games were played, and the party ended with everyone attending a midnight spook show.

—O—
The Traffic office girls will be an added entry in the new bowling league, but as yet have selected no name under which to show their prowess with the mineralite. A couple of the names that have been suggested are "Traffic Kops" and "Traffic Chumps," which can be easily converted to "Traffic Champs" if the need arises. Please has anyone a suggestion? No matter what the name eventually will be, we hope you gals are right up on top of the heap when the last frame is rolled.

—O—
Usually the third time is the charm, but Jack James and George Parks decided to skip the third chance and go on the second. The usual procedure took place—Salt Lake was again informed and the boys were on their way Sunday. They are expected back today or Monday after a hard week, but it probably will be harder to get back in form at dear old San Bruno.

—O—
The usual Stockroom gang was seen at last week's dance at which Jack "Leather Lungs" Petty officiated. We have heard that a few of the boys are buying zoot

(Continued on page 13)



Stepping up for their ONE pack of cigarettes, stick of gum or candy bar are two customers. Edith White is doing the selling



Rain or shine—the game goes on! Bob Dunckel and Will Sutten are shuffling a mighty slurpy game

NOISE AND SUCH IS INSPIRATION FOR COLUMN

In the midst of the clamor and grinding of machinery in the Construction department, Kay Jacobson became the creator of the Construction Scraps column. Now and then most of us need a bit of inspiration to help us along with our jobs, but Kay's atmosphere is inspiration enough for writing the Construction Scraps column and also for carrying on her daily office duties in the Construction department office. The grinding and forceful sound of machinery, the dropping of a tool and the

hustle and shuffle of workers are only a part of Kay's daily atmosphere, and she loves it.

As a child Kay liked to write poetry, but as she grew older writing took a back seat to other interests. However, she did write for a monthly insurance paper while employed by an insurance firm before she came to Eimac. News in general was Kay's topic. Her compensation was the enjoyment she received from writing for the paper.

Kay has been writing the Construction Scraps column since May, 1943. "I always manage to get some news to write about," smiles Kay, "because if I don't, my Eimac News pin leaves me with a guilty conscience."

Kay is a native Californian having been born and reared in San Francisco. She received her grammar and high school education there. While in high school she took a commercial course and later continued her commercial training at a local business college. She has always had aspirations to work in the business world and from the time she left college, she has worked for various firms performing the duties of a clerk, stenographer, PBX operator and secretary. She has never regretted the time spent on any of her past occupations because she has enjoyed them all.

It was an original and interesting meeting that Kay and her husband, Al Jacobson, had. When they met they were both working for the same firm. One night one of their fellow workers gave a dinner at his home. Kay arrived early to help with the cooking. When Al rang the door bell, Kay answered, saying, "We don't need any." When dinner was ready to be served, Al sat down beside Kay saying he was going to butter her bread and help her cut her steak. That evening Al took Kay home. A romantic courtship followed, and three years later, Kay became Mrs. Al.

Kay's husband was given a medical discharge from the Army a year and a half ago due to a foot injury and he is now connected with an insurance firm and does part-time work for the Army Transport Service.

In 1936, Kay took a twelve-day boat trip to Alaska—alone. When the boat pulled away from the dock she wished she were at home with her mother. However, her loneliness gave way to excitement and interest, and for the rest of her trip she became enthralled with the wonders of Alaska. Kay enjoys traveling, but most of all likes to spend her vacations in the mountains or at the seashore.

One may find vegetables and flowers of all varieties in Kay's garden. Gardening is one of Kay's chief interests at home. Making some of her own clothes formerly took up several of Kay's spare hours, but she regrets that she hasn't much time for it now. Dancing is another of Kay's enjoyments.

It's difficult to try to find anything that Kay doesn't like—she likes everything and everybody and has a personality that really radiates. She's not merely an acquaintance or a friend to anybody—she's a true-blue "pal."

By Alice Motto

Page thirteen



Kay Jacobson—writes and works to tune of machinery

Over The Stockroom Counter (CONTINUED)

suits and growing beards in an effort to get a job with J. Petty's band. Note to Jack: Don McMillan plays a mean Jew's harp. Bob Griffin is a wiz 'on the musical saw, and the last man in the ensemble, Barney Flori, doubles on the sweet potato and kaazo. For further information, please see their agent.

—o—

Ellen Mock of the Serialing department received a very pleasant surprise Monday

afternoon. Ellen's brother, Dave, who is in the Army Air Force, came home for a short visit—the first in 18 months. The visit was made possible because Dave was being transferred. Notice the silver wings that Ellen is now wearing—a gift from the big brother.

Herb Becker is back from a jaunt to the East coast.

WHAT'S COOKIN'

"Patience and time combine to result in power."

Recipe of the Week

Good Waffles

3 cups sifted flour	3 egg yolks, well beaten
3½ teaspoons baking powder	2 cups milk
¾ teaspoon salt	1 tablespoon sugar
¾ cup shortening (melted)	3 egg whites, stiffly beaten

Method

Sift flour with baking powder, salt and sugar. Combine beaten egg yolks and milk and add to flour mixture and beat until smooth. Add melted shortening and lastly, fold in stiffly beaten egg whites. Bake in hot waffle iron. (Makes eight waffles.)

—o—

Tillie Hendry is on vacation this week. She expects to put in plenty of time rest-



In the belief that many people in the plant and office would be interested in knowing more about the many unusual materials used in the production of Eimac tubes—the Materials Controls department has assembled a collection of such items.

These are grouped in the display case shown above, which has been located near the basement entrance to the plant. The present array, to list a few, consists of tantalum, tungsten and molybdenum, in its various forms, glass, bases, wires of various metals and alloys. Each material is accompanied by a short typed description for the enlightenment of those who peer curiously into the case. Many more items are yet to be added, and it is hoped that the exhibit will continue to interest and inform Eimackers who are in want of such knowledge.

by Verna & Irene

ing and will do some shopping. Irene Webber of swing is replacing her.

—o—

Emil Grosso is back after a week vacation. He looks fine and said his vacation wasn't long enough, but all good things must come to an end.

—o—

Louis Bruggisser went duck hunting recently and gave us a big story about all the ducks he got. Seeing is believing—we're from Missouri. How about it, Louis?

—o—

Short Orders

Elizabeth and Dave Bandy were in Santa Cruz last Sunday . . . Ray Sands was off sick a few days last week. Glad to see you back, Ray . . . Bill Symons' son has been ill. He had an attack of appendicitis . . . Edith White is the gal in charge of selling the candy, gum and—sometimes cigarettes.

Swing & Day Shift

Inspection

Jo, Helen and Ginny

Fun loving souls who followed Jack Petty and his band to the Millbrae Country Club for a gala evening of entertainment at the Eimac Pre-Holiday dance were: Helen and Jack Van Ness, Emogene and Sam Costa and Stella and Bud English.

—o—

For the past two weeks Ozzie Osborne has been sporting "dishpan" hands and it's no wonder. He's been "chief cook and bottle washer" while his wife has been on the convalescent list.

—o—

Jane Smith and husband, Howard, journeyed to Dixon last week end and spent Saturday night at the Flyer's Club dining and dancing until the wee hours.

—o—

A quick business trip took Bill Tallmon away from us for a few days. Bill left Sunday morning for Salt Lake City via the Airlines and was back on the job Tuesday morning. A heavy snowfall at Salt Lake nearly prevented Bill from making such a speedy return.

—o—

A quick recovery and hurry back wish is extended to Evelyn Brazil.

—o—

The cigarette shortage might be pretty hectic for most people but it has been found also to have its good points. Most of the female race have a soft spot in their hearts for men who smoke pipes and lately we've seen quite a bit of it. Now, if you'll take a look at our model man, Jack Stanton, you will see what we're driving at. Oh boy, and yum, yum.

—o—

Ruby Erickson has been awarded the red ribbon for donating a gallon of blood to the Red Cross and has already returned for a fifth time. Nice going, Ruby. That's what we call something to really be proud of.

—o—

Norm Anderson took a trip this last week end up to the mountains in his reconnaissance car. He decided it was high time to find out just how good his Army vehicle was and from what he said, it really took down the trees and brush.

—o—

A new fashion noticed by yours truly this week was being sported by Bill Leonard. He's the perfect picture of a 49'er, as he sits rolling his own cigarettes—so round, so firm and so fully packed.

—o—

Question of the week: Has anyone noticed the new ring Myrtle Merkel is wearing lately?



It was a long time ago that this picture was taken. Way back when Marty Wolfe was flipping the pill with the day shift gang

ON THE BEAM

By Bonniejean and Willi

Out of the Brief Case

Carmel by the Sea took Pat Phillips from us during her week vacation. . . .

Carl Berg journeyed to Lucerne, Lake county with hopes of getting some duck hunting done. No doubt he'll bring back some fish stories

Our own Jack Williams spent his vacation (we hear) around home working on his "brainchild"—an Austin or something similar

That good-looking fellow in navy blues you've seen stepping out of the guardhouse is Frank Redmond, who is now a member of the Coast Guard Auxiliary

Overlooked last week was the fact that Florence Schoenwald celebrated a birthday and was presented with a cake by the Beaders

At last Sheldon Norris came to one of the Swing juke dances—and quite a time he had, too

Reese Cruikshank must have been looking through Esquire by the looks of his snazzy new loafer jacket

In case you've wondered, too, why John Galvin hasn't been seen upstairs on swing lately, it's because he's got a new job downstairs

The rust colored cat (in case you've wondered) that the day shift had adopted, was banished from the plant by a certain swing supervisor because of its bad manners.

Eimac Day League Bowling Race Results

ENTRY	PP	B	1/4	1/2	3/4	S	F	JOCKEY
Carpenters (C. Chase)	(8)	6	6	3	2	1	1	C. Chase
Assembly (F. Migge	(2)	1	1	1	1	2	2	B. Young
Pump (O. P. Taylor)	(3)	5	7	11	4	4	3	S. Walrod
Eimac Aces () .. (6)	2	2	4	3	3	4	4	D. Munholand
Punch Press (S. Jones)	()	9	4	6	6	5	5	S. Jones
Stack-a-hots (Tallmon	()	19	16	9	7	6	6	R. Osborne
Construction (T. Hall)	(9)	3	5	5	9	9	7	A. Arrigoni
Machine Shop (J. Eitel)	(1)	11	8	7	8	7	8	L. Harbin
Rotary Kids (Taylor)	(15)	14	12	16	10	11	9	B. Barber
450's (D. L. Furgason)	(12)	18	17	12	11	8	10	F. Moos
Stockroom (J. James)	(5)	13	9	10	12	12	11	J. James
M. S. II (J. Eitel)	(10)	18	20	18	15	14	12	W. Gillingham
Pushovers () .. (11)	4	3	2	5	10	13	13	H. Brown
Chemical (V. Vincent)	(22)	22	22	22	22	21	14	P. Citraro
Purchasing (Sanders'n)	()	23	24	23	23	18	15	S. Sanderson
Glass Men (Furgason)	(4)	15	11	13	13	13	16	W. Migge
B. B. B. () (17)	12	10	15	16	17	17	17	H. Strong
Glass Girls (Furgason)	(13)	16	14	8	18	20	18	F. Langley
Lab (H. Sorg)	(16)	20	19	17	17	16	19	A. Bussell
Platers (G. Currier) .. ()	21	21	21	21	22	20	20	B. Smith
St. Fillies (F. Migge)	(14)	8	15	19	14	15	21	V. Smith
Office ()	(19)	10	13	14	19	19	22	S. Lawrenz
Fog Cutters () (21)	17	18	20	20	23	23	V. Satterlee	
First Nighters () ()	24	26	25	24	24	24	24	A. Bennett
Ramblers (Taylor) (18)	26	23	24	25	26	25	25	B. Thorsted
Dilly Fillies (Arrigoni)	()	25	25	26	26	25	26	M. West

Names in Parenthesis: Head of department represented.

PP: Position in last league. B: As they broke from the start.

S: Standing with six weeks to go. F: Position in which team finished.

Jockey: Team captain.

HOW THEY RAN

Carpenters broke evenly with the group and as the entries passed the grandstand, it settled into sixth spot for the first quarter of the race. Mid-way along the back-stretch Carpenters made its first move and came up to third, kept a steady pace and was nipping at the leading entry at the three-quarter pole. Drove to the front as the bunch turned for home and came down the stretch with ease to win pulling away.

Assembly lost little time in taking over first position right from the start. Fought off a challenge by Pushovers at the half-way mark to stay in front until it was time to turn for home, at which time Assembly faltered and dropped back. It was the same situation that prevailed in Assembly's last time out—front runner, but unable to stand the drive for home.

Pump ran an even race throughout, was passed by many at the half-way mark, but added spirit in the homeward drive pulled it into third spot in a photo finish with Eimac Aces. The fourth place Eimac Aces kept an even pace, followed closely on the heels of the early leader, dropped back at the half mark and then picked up momentum to run evenly until the end.

Punch Press maintained an even gait throughout, its position varying from ninth at the break to fifth at the finish line. It was a close battle with Stack-a-hots for Punch Press in the home stretch with the two entries finishing in a dead heat for fifth.

Stack-a-hots stumbled and almost fell at the start, but came back with a steady drive and moved up constantly, but not enough to catch the winner.

Construction broke well from the starting gate, ran easily during the first half of the race, but fell back as it was unable to match the drive of the other entries.

Machine Shop was considered a ranking favorite to take the race as it won out over Assembly in its last start, but a consistent race such as Machine Shop did run was not nearly enough to bring it in a money winner.

Rotary Kids surprised after a slow start and moved along steadily as the race progressed and made a good showing for itself.

450's ran a race similar to that of Rotary Kids, but nearly lost its rider nearing the finish and fell back two places and had to be satisfied with tenth place.

Stockroom was never really a threat although considered a top-notcher when the race began. A bad start made the situation dark for Stockroom and throughout the running,

(Continued on page 17)

Warehouse Wanderings

By Sig

Your reporter, Sig Johnson, has returned to the Warehouse after a week pent at the Salt Lake plant. The trip was 'ery interesting, but I am glad to be back n San Bruno. I wish to extend my thanks o all in Salt Lake for the wonderful time shown me.

—o—

Ed Costa and his wife, along with Sig Johnson and wife, were seen at a recent party. Many of the fair sex tried to wear Ed out when it came to dancing, but he came out a winner. By the way, Ed, how did you feel Sunday?

—o—

Nadine Scott was driven home by Elizabeth Kimble on a rainy afternoon last week. She proceeded to get out of the car and walk to the door of her home. When she stepped onto the wet sidewalk, she did a ground loop. Result: A skinned arm and a pair of hose ruined. Elizabeth, a trained nurse, administered first aid.

—o—

Gladys Cody was among the travelers over the week end. She journeyed to Sanger to visit her mother.

—o—

The dentists seem to do a thriving business with the girls at the Warehouse. Elizabeth Kimble came in with a badly swollen jaw a couple of weeks ago after having some teeth pulled, but she showed that she could take it by repeating the procedure last week. Nadine Scott didn't let a little fall stop her. She also had one pulled.

MORE ABOUT THE DAY BOWLING RACE

couldn't break away from the middle of the pack. Machine Shop II, sired by the parents of Machine Shop, was left at the post, but managed to work itself up to a respectable position at the finish. Pushovers wound up with the same situation as it did in its last time out. A definite contender throughout the first three-quarters of the battle, it folded completely as the pack turned for home and dropped by the wayside. Chemical may bear watching next time out as it surprised in this one. A late starter, Chemical seemed to jog along way back, but when the entries hit the homestretch it turned in a powerful drive from 22nd place to 14th at the finish. Purchasing ran a similar race to that of Chemical. Way back at the start, it put on a finishing spurt that created surprise among the spectators. Glass Men was considered a strong contender, but never showed a resemblance to the Glass Men of the last race. B. B. B. started strong, but fell behind steadily as the race progressed. Glass Girls, female relative of Glass Men, broke late, put on a spurt at the half-way mark, then faltered and fell behind. Lab was never a threat as it rolled along at a consistent pace, although it almost knocked a couple of horses out of the money. Platters broke late and was content to trail all the way around. St. Fillies seemed to be headed for a money spot, started fast, dropped back, put on a short drive and then fell back. Office, contented with a steady pace, was handled easily and seemed to enjoy the race, although never figuring to top the favorites. Fog Cutters merely took it easy, ran with the latter pack and except for a few moments of brilliance, didn't cause much comment. Ramblers, running its first race at the Eimac track, lost its rider at the outset of the race, but managed to pick him up again and continue on to battle it out with Dilly Fillies to stay out of last place. Dilly Fillies, definitely outclassed, showed class and determination throughout and will surprise many in its next time out.

RECLAMATION CUT UPS . . . by Bette & Al

It looks as if spring is in the air these days in Rudy Uribe's office, but you can attribute that to the beautiful posies our Chickie Motto is wearing in her hair. Very becoming, Alice!

Incidentally, if you miss Rudy around the department, it's because he is in Salt Lake City. He should return by Friday.

—o—

Speaking of changes in fashions, have you noticed the new hair-do Rose Caccamo is sporting lately? That "Pink Lightning" you see around the department is only Mary Nissen's new lipstick. Tillie Ribera and Ruth Anderst look mighty attractive with their new permanents.

—o—

Polly Cunha and hubby spent the week end in Oakland painting her mom's kitchen. No wonder Polly looked tired Monday morning. Could be she tried too hard to show Walter how to wield the brush. We're only kidding, Polly.

—o—

Mary Fisher and children visited in the country over the week-end.

—o—

A royal reception was given Barm Featherstone, U. S. Navy, nephew of Gladys and Ray Davis, when he arrived home on leave after two years of overseas duty. A party was given for him at the Davis home and gathered there to help celebrate were Henry Rideout and his family.

—o—

Mary Nissen had a grand shopping spree after work Saturday and literally bought out the dress shop. "After all," said Mary,

"I don't do this very often." Let's hope not, Mary.

—o—

Movies on Saturday night with her mom is Marie Dold's idea of a good way to spend an evening.

—o—

Yours truly (Bette) spent a gay evening dancing at Uncle Tom's Cabin last Saturday night with friends from the old home town, San Juan Bautista.

—o—

No, we aren't eating birdseed, but if you hear whistling, singing and humming in our department, you can trace it to some of our cheerful little cut-ups.

—o—

Last, but not least, Ernie Loewy spent the weekend reading a book. Said book, "Glencannon's Omnibus," was a gift from the department during his recent illness. He hasn't had time to read it before—before what? Before the rains came, Ernie?

—o—

Some gals swoon over Frank Sinatra, others go for tall, dark and handsome (personally we prefer blonds) fellows, but all it takes for Dee Galbraith is nature's beautiful artistry—such as adorned the sky about 5:30 p. m. Oh, I must mention Dee already has her man. Tall? Dark and handsome, anyway.

—o—

Seen at the Avalon ballroom was Donna Eccles. It really is nice when you get acquainted with a certain someone, isn't it Donna?

Servicemen To Be Featured Next Month

Undoubtedly a great number of employees have been corresponding with Eimackers now in the service and are quite familiar with the location, rating and various service experiences they have encountered.

In a December issue of the Eimac News, servicemen who left Eimac to join the armed forces will be featured. Already numerous letters have been written to relatives and friends of the servicemen, but the more information that can be acquired, the more completely the feature will be covered.

Pictures of many of those to be featured have already been received and are ready for publication, but in many cases no photographs have been obtainable. A list of persons on whom no information whatsoever is available will be published in the daily bulletin early next week and anyone who can help clear up the situation should contact the Service Bureau.



What's what now, what was it before and what'll we do—that's the problem confronting Lloyd Harbin, Art Arrigoni and Skeets Jones who comprise the day bowling league rules committee (See page 19)

Golfers To Hold Turkey Tournament

By Dave Jackson

Eimac golfers in the past week or two have proven themselves to be strictly fair weather enthusiasts. The number of score cards turned in by golfers competing in the present 72-hole medal play tournament has risen far beyond the state of being ridiculous. In other words, nobody played. So much for that particular tournament.

The Committee for Eimac Fair Weather Golf Enthusiasts has now come up with a real tempting morsel. It's good enuff to eat, and probably will be eaten by the winners. Yowseh, yowseh, who can pass up a chance to win that glorious Thanksgiving boid? This business of playing for gold plated pot metal cups has run

the gauntlet, due to high priorities on that precious metal.

The proposed medal play tournament will go down in Eimac sporting history as a turkey shoot, with golf clubs replacing shotguns. Instead of 72 holes, it will be for 36 and instead of starting two weeks ago, it will start tomorrow, Sunday, November 11th, and will run for two weeks. The same rules will apply in regard to informing a member of the committee on the day you will play, and of playing with at least one other contestant. This last stipulation is made so that the players won't get too lonely, and also can help each other to figure the number of strokes.

It's suggested by the committee that when your companion's ball enters a ditch enter with him, help him find it and then stand close by in case he needs some trees moved or rocks removed. Good sportsmanship goes a long way, and hand mashies are hard to prove.

Turn out, gang, and let's see the expected large number of entries! Turn in your name and entry fee (\$1.00) to either Carl Magnuson, Jerry Manly, Jack Petty or Bill Baker. Remember, it's for 36 holes, and you can play it any time or day you wish in the two weeks beginning November 11 and ending November 26. The main thing to remember is the "boid."

Those wishing to participate and who have not as yet a handicap, see Carl Magnuson. He will endeavor to fix it so that you can compete right along with the rest.



Hit The Head Pin

By S. E. Norris

Never let it be said that Grid Kids didn't try with all they had against the Star gazers. As was the trend, the Kids were truly hot their first game except for Ell Mae Chandler's 134. Ralph started out with 191, but his second game, a 104, and Mae Jordheim's 108 in the same game aided in giving the Stargazers an easy win

Phil Johnson led her team with a 43: series, quite a bit better than her average while Wanda Batinovich got herself in the gutter and failed to come up to her average.

The Kids needed all three to hold undisputed first place position.

The little girls who make up the Zombies team did not have enough on the ball to offer the Rebels much competition. Harold Latham led the winners with a 416 total. Carl Berg's 401 was second high.

Then came the Vacs with a three-game win at the expense of Glass. The boys did rather well their first game as scores go; however, the girls did some nice bowling also. It was close and the Vac's won by a small margin of eleven pins. The second and third games were equally as close, giving the Vacateers three wins which earned them a seat in the first row along with the Grid Kids.

Cy Moses and his Chem Tones managed to eke out a two-game win from the Fillies. Looking over the sheets, Cy followed in the footsteps of 90 per cent of the Swing bowlers last Friday. It seems that most everyone was in there with a sharp eye the first game, then, wow! The second game was enough to take the heart out of a kegler.

Holy Bowlers managed to sandwich in a win between two losses in the series with Plate.

Predictions for this week:

	Won	Lost	Pct.
Grid Kids	2	Chem Tones711
Rebels	2	Stargazers	1
Vacs	3	Holy Bowlers	0
Glass	2	Fillies	1
Plate	3	Zombies	0

SWING BOWLING LEAGUE STANDINGS

	Won	Lst	Pct.
Grid Kids	32	13	.711
Vac-a-teers	32	13	.711
Eimac Rebels	28	17	.622
Plate	26	19	.578
Chem Tones	26	19	.578
Stargazers	25	20	.556
Holy Bowlers	19	26	.422
Glass	15	30	.333
Fillies	14	31	.311
Zombies	12	33	.267

New Bowling League Rules Being Written

Eimac had an election of its own this month and by virtue of the views expressed through the bowling ballot, the new bowling league, which is to commence on November 20, is now in the process of being set-up.

The rules committee, the group which will act as the supreme court of the bowling league, is now comprised of Art Argioni, a member of the Construction team, Lloyd Harbin, who rolls for Machine Shop, and Skeets Jones, leader of the Punch Press team.

Several pertinent issues were included in the questionnaire or ballot, and the decisions reached by the voters are now being incorporated into the league rules.

First of the bowling propositions was whether-or-not the foul rule should be observed. The result was a 2-1 vote in favor of it. Whether-or-not a penalty should be invoked upon late arriving bowlers was approved and the committee has been discussing just what the penalty will be.

Contributing to a trophy fund was an overwhelmingly passed issue. The ratio was approximately 9-1, with the average contribution per bowler varying from five cents per night to \$1.00 per season. That also is in the hands of the committee.

Both the handicapping rule and substituting or pacing rule were so close that the committee has taken the situation in

hand and its decision should be ready for publication in the next issue.

The suggestions section of the ballot brought out many interesting comments, ranging from "a penalty for lofting the ball" to "sweater girls are very distracting." Many persons suggested various times at which the league should get underway each night, but unfortunately other commitments of the bowling alley make such arrangements practically impossible.

Of the persons who did fill out the suggestions section, the majority were those who were concerned with the handicapping rule and many very conceivable systems are being reviewed.



Laura Auld was one of the outstanding female bowlers of the league

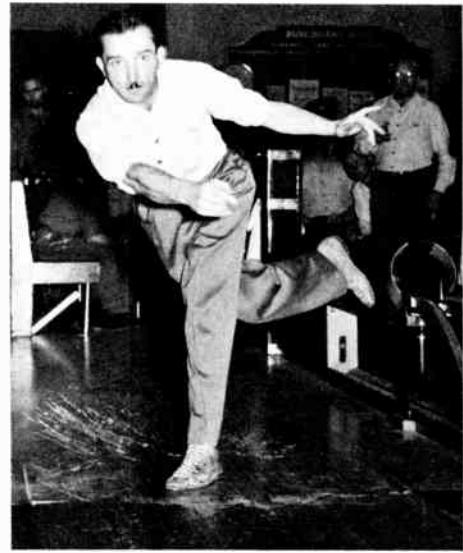
The Day League's Big Six • Both Men And Women



Marion Goodrich



Will Sutten



Charlie Delong topped the day league bowlers with a 181 average



Alice Bussell



Lela Watkins



Vera Satterlee



Bob Young



Russ Luckhardt



Russ Sperry

DAY LEAGUE WOMEN'S BIG SIX

Name	Team	Ave.
Marion Goodrich	Glass Girls	141
Vera Satterlee	Fog Cutters	140
Lela Watkins	Glass Girls	140
Alice Bussell	Lab	131
Laura Auld	St. Fillies	131
Edie Stenson	Office	127



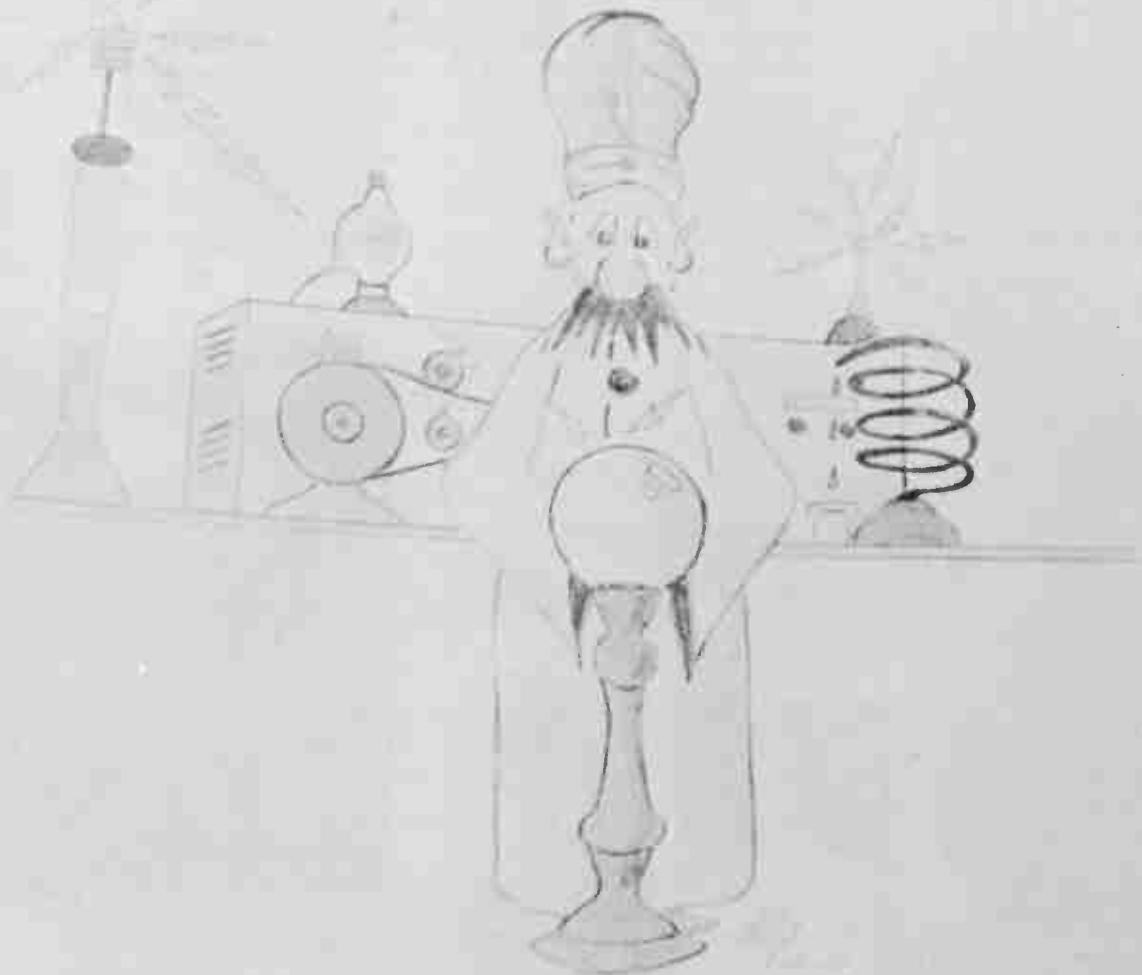
Edie Stenson



Shorty Walrod

DAY LEAGUE MEN'S BIG SIX

Name	Team	Ave.
Charlie DeLong	Machine S.	181
Will Sutten	Assembly	170
Russ Sperry	Carpenters	170
Bob Young	Assembly	169
Russ Luckhardt	Pump	167
Shorty Walrod	Pump	165



A new creation! Allack Tronic, who has but to peer into his rubbish-scope which has televised to it, the hemidemisemi-quavers sent out from his predictio (shown in background) will foretell the future. Watch for Allack's predictions in coming issues