



# LINDEMAN PATTERN SHOP LICKS TOUGH PROBLEMS

**Precision Made Patterns Help Founders To Turn Out Quality Iron And Steel Castings**

In the June issue of "The Foundry," Edward Leslie appropriately wrote, "A pattern maker must have the creative conception of a draftsman designer, the practical ability of a molder, the precise skill of a machinist, the analytical judgment of a metallurgist and the specific exactness of a mathematician." He has not fallen short in outlining these requisites, for indeed, a patternmaker's skill must be large to meet the problems involved in turning out complicated patterns. The Lindeman pattern shop is meeting and beating these problems every day.

At the start of World War II when L.P.E. Company felt the increased tempo of requirements from its foundries, it meant increased demands upon its pattern shop, which at that time held insufficient quarters in a small corner of the machine shop. The shop was operated solely by George Humbert, who is now pattern engineer.

### Moves To New Building

In 1940, the shop moved into its present building along side the iron foundry. Several new power tools were added to aid the additional men employed in the new well-lighted shop, which has in connection a lumber storage crib and two fire-proof storage rooms for patterns. (Picture on page 4.)

### Figures On Shrink

Among the many problems confronting the patternmaker, shrinkage is probably foremost and a shrinkage rule must be used. The reasons are that when a mold made from the pattern is filled with molten metal, its temperature is very high, and as it cools and solidifies, it contracts. Accordingly, to compensate for this, the pattern maker must add to the size of the pattern. The contraction of different metals in the mold varies greatly; that for cast iron being one-eighth inch to each foot, for brass the shrinkage is three-sixteenths inch per foot; and for steel and many of the softer metals it is as great as one-quarter inch to the foot.

### Allows For Draft

After shrinkage, the second point of importance in a well-made pattern is draft. In speaking of draft it is meant the bevel or taper made

on all vertical parts of the pattern so that it can easily be lifted from the sand without injury to the mold. The amount of draft depends upon the length of the part to be drawn out of the sand. The allowance for draft, which varies with the pattern, is often greater or less on different parts of the same pattern.

This brief story just gives an inkling of what some of the complications are. George Humbert and Wes Dunbar, pattern shop foremen, and the gang working there figure these problems as just being routine, but the pattern maker's work is varied for seldom is he required to make two patterns that are identically the same.

The Lindeman shop now employs five pattern makers. It may be said that the precision of Lindeman castings lies in the ability of these men. They are doing a fine job in keeping up Lindeman quality.

NEWS CAST wants pictures of servicemen. Any snaps that might be of interest will be greatly appreciated. **SERVICEMEN** include a snapshot with that next letter.

### McCAGUE REJOINS L.P.E.

Since the last issue of News Cast went to press, John McCague, former employee from 1927 to 1935, has rejoined L.P.E. He is now working in the capacity of service engineer. His former activities here were as salesman, credit manager and parts manager.

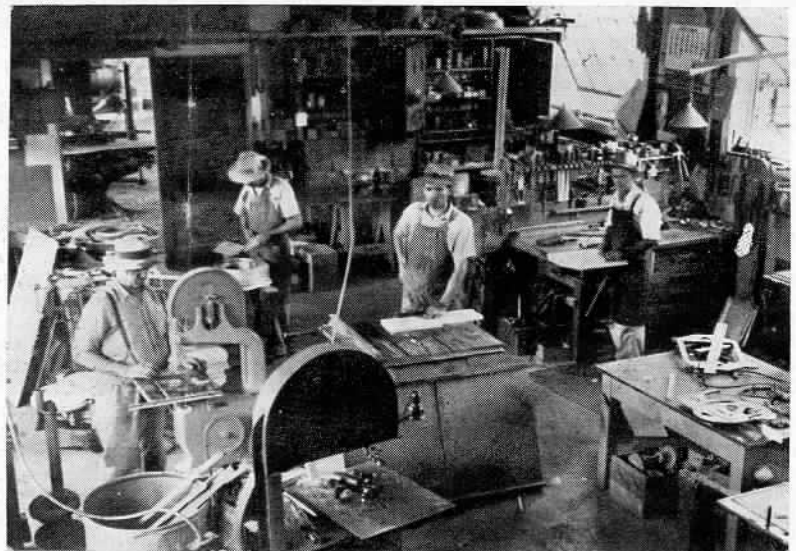
He is planning to move Mrs. McCague and their two children here from Lewiston, Idaho, as soon as housing is available. From 1935 until his recent reemployment with L.P.E. Company McCague has been store manager for the McCormick Deering Company, Lewiston, Idaho, branch.

### KETCHUM GETS SHOP

Tex Ketchum, chief metal smith, in a recent letter to Jess Lindeman writes that he is, "having the time of my life," setting up a blacksmith shop in the Philippine Islands. "It is really a pleasure to put in all new equipment," writes Tex.

The shop includes two big air-hammers, heat-treating department, oil burning forges and all the other necessary blacksmithing equipment.

Tex says he has built living quarters adjoining the shop office. In it are private shower, toilet, and built in bunk. The quarters, he says, is furnished with a porcelain sink, coffee table and he has even installed an air-conditioner.



Inside the Lindeman pattern shop. Left to right, Wes Dunbar, George Humbert, Galen Sutton and William Ogle. Reuben Anderson, also a pattern maker, was not in picture.

# NEWS CAST

JULY, 1945

\* \* \*

## EDITORIAL STAFF

Photographers .....Bob England  
 Johnny Emhoff  
 Bill Parchem  
 Cartoonist .....Bert Degooyer

## REPORTERS

C. I. Foundry .....Avon Stone  
 Core Room .....Milton Skrove  
 Foundry Lab .....Mary Jane Omelina  
 Pattern Shop .....Galen Sutton  
 C. S. Foundry .....Joe Normandin  
 Foundry Office .....Lloyd Rivard  
 Cleaning Room .....Gib Hunt  
 Machine Shop (nights).....John Green  
 Beet Loader Assembly and  
 Welding .....Earl Thomas  
 Engineering .....Martin Smith  
 Tractor .....Bob Robinson  
 Stock Room .....Ray Alexander  
 Hop Picker .....Fred Robinson  
 Machine Shop .....Jim Catlin  
 Office .....Nellie Holder

## JOB ESTIMATES

I dislike to take too much advantage of the space allowed for so-called editorials in this paper, as the editors are now having a difficult time to print all the news available in the limited space allowed by its size.

I personally feel, however, that the workmen of the various departments should know more about our Cost Accounting System and how its operation will effect them and their departments.

I would like to discuss the job time estimate prerequisite that is issued to workman as a part of the work order to start operations on a certain job. This estimate is required in order to help determine costs before a job is actually completed.

The estimate comes from combining the ideas of a group of several men, which not only will always include the foreman of the particular department, but in many cases, and we hope eventually in all cases, will include the operator's thoughts as well.

I will explain our reasons as to why this is necessary. Its results are obvious.

If you were running a fruit stand and were sure you could purchase oranges at 7c a piece and could sell them for 10c a piece you would inform your salesman "ahead of time" not to sell them for less than 10c. The costs are predetermined and you know what your margin will be. Now, if your supplier cannot furnish oranges at 7c, but wants 10c you would do one of two things. First you would either try other suppliers in an effort to get them for less than 10c or you would increase your selling price. Our problem is much the same. For instance we believe that the market will pay a certain price for our plow. We then divide

this plow up into its various parts and decide that each part must carry a certain proportion of the cost. We arrive at the cost of each part either from actual experience in the past in making that part, or from an estimate, as mentioned above. Through the estimate we decide that a certain part should be machined in one hour on a certain lathe. We then advise the operator of the lathe, and immediately upon finding that he cannot make this part in the estimated one hour or less we have one of several alternatives.

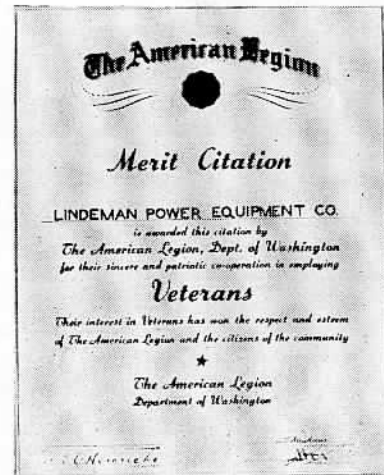
The first, of course, is to make a further study to determine, if possible, whether our method of making that part is right. The other is to determine if another operator, may be more experienced or better suited to make this part in less time. The remaining alternative is, like in the orange deal, to raise the selling price of the product so that we can make a profit, which after all is the only reason that we are bothering with making the part at all.

In most instances we believe the original operator of this lathe will have done his best and from our viewpoint that is all we can expect. We will not criticize him if someone else is able to do it faster. It will simply mean, in most cases, that the faster man either is more familiar with the job or more experienced in handling that particular machine, while the first man may handle some other operation more accurately or just as rapidly. We have no intention of setting up our time standards to where any operator must be under a strain while working on these parts to meet the requirements. We believe that not only the health of the operators but our standards of production will suffer if the workman undergoes strain.

The one thing that we all must realize, and that is to insure the future of all of us in this business, we cannot sell a product at a loss and in our type of manufacturing most producers have the retail price decided and in the hands of the buying public before they are even sure of what the costs will actually be. Therefore, we naturally must go as far as possible in protecting ourselves against these costs being higher than the estimate used at the time the retail price was determined. From that necessity has come the installation of our present Cost Accounting System, and the time estimates on all the job work order cards. It is true that such a system will cull out the incompetent or lazy person, but that person usually eliminates himself in a short period of time anyway. We believe that in the end, you fellows who have been wondering when you were making 100 an hour of a certain part if you are required to make 200 or if you only need to make 50, you will have the satisfaction of knowing that you are up to the standard that you arrived at eventually under this system.

—Jess Lindeman.

## LEGION AWARD



This is the award received by Lindeman Power Equipment Co., one of fourteen Yakima firms cited recently by Logan Wheeler Post, American Legion, for "sincere and patriotic cooperation in employing veterans."

The award was presented to Jess Lindeman, company president, at a luncheon in the Legion Club on July 3rd.

**First Crapshooter** (rattling dice furiously): "Shoot a dollar! Fade me, somebody, fade me!"

**Second Sportsman** (producing a roll that would strangle a shark): "Fade you, brother, you're bleached!"—Exhaust.

An old proverb says: "Greatness is nothing but many small trifles."

I want to go some shopping today, George, if the weather is favorable. What does the paper forecast say?

Rain, hail, sleet, snow, thunder, lightning, and fierce winds.—B.C.A. News.

## Cause For Alarm

Two young ladies were walking down Fifth Avenue. Suddenly one cut loose with a piercing shriek. "Look," she cried in amazement.

"What so terrible," asked her friend. "That's only a midget."

"Oh-oh," said the other girl, greatly relieved. "I thought they were rationing men."—The Broadcaster.

## STAMPS AWARDED

The \$10 war stamp award for introducing a new employee at Lindeman has gone this month to Ed Beddoe for introducing Leland Beddoe and to Lynn Fisher, introducing Bill Parchem draftsman.

After giving the private a dressing down for being so late in returning with supplies, the sergeant demanded:

"Okay, let's hear how it happened, Smith."

"Well, I picked up a chaplain along the road," explained the rookie, "and from then on the mules couldn't understand a word I said."

**BIRDS OF A FEATHER**

On July 26th, Jess Bowers of iron foundry was rushed to St. Elizabeth's hospital for an emergency appendectomy. Following suit next day Martin Smith of engineering entered the hospital for the identical operation.

Both men are "bunking it out" in the same room. They are reported to be making quick recovery and we hope to be seeing them back on the job soon.

**JACKS OF ALL-TRADES**

When crawler tractor production gets under way again it will be hard telling whether the first few coming off the line will be "all tractor" or whether they may show slight strains of beet loader, hop picker, potato harvester, plow or some other Lindeman machine.

While waiting for delivery of a new shipment of John Deere chassis for the Lindeman crawler, Don Babbitt, of tractor, has had to "farm out" most of his boys to other departments.

A new shipment of chassis is in transit so it won't be long and Don will be calling his crew home.

**Labberton Visits At L.P.E.**



Lt. Dick Labberton, army air corps, visited in Yakima during June. Dick has been undergoing minor treatment at a Spokane army hospital.

Prior to his entering service with the army he worked in the Lindeman foundry and on the hop picker welding crew.

On a more recent visit here from Spokane, Dick says he is expecting a release from service.

He has flown on several missions out of England over enemy territory.

**These Engineers**

**E. H. Powell:** What makes water wet?

**Bill Parchem:** It must be because there is twice as much "H" as there is "O" in it.



÷ See Ya at the Picnic ÷

**L.P.E. FAMILY PICNIC SET FOR AUGUST 26TH**

**Fun, Drinks, Prizes For Everyone at Playland Park**

It'll be a bang up day for the L. P.E. gang and their families August 26th when the employee's family picnic takes place at Playland Park, just across the Selah bridge.

Plans are already laid for the picnic-to-top-all-picnics and it looks like Charlie Quinn, Ed Erickson and Herb Brown of the planning committee will really have a good shindig in store for everyone.

All you need is your lunch. The ice cream, pop, coffee, cake and admission to the park will be furnished by the company.

In order to help the committee in charge of refreshments, it is hoped that you will immediately fill out and turn in the stub provided on the handbills you received, so they can estimate the number of persons to provide refreshments for. Also, anyone needing transportation should sign the stub so the transportation committee can get in touch with you and arrange a ride.

It is hoped that all employees and their immediate families will attend. Yes, single boys, bring your girl friend and single girls your boy friend is eligible, too.

In charge of refreshments are Es Casebolt, Fred Maltby, and Kenny Chastain. Assisting in serving are: Mary Jane Omelina, Yvonne Krehbiel, Virginia Henry, Jerry Sherwood, Howell Jones, Lou Rogers, Rosella Burnham, Jim Catlin, Rob Krehbiel, Shorty Jones, Joe Normandin, Avon Stone and Oscar Pilon.

On the entertainment committee

for Men's softball are: Morris Bo-seck, Wendell Tissell, Glenn Som-mers and Glenn Waincott. For ladies softball are Donna Harris, Margne Berreman, Jean Fleming and Leo Casper.

In charge of men and ladies horse-shoe pitching will be Alex Breitg-ham, Wes Dunbar, Johnnie Roller and Leo Brown.

On the dancing committee are Charlie McCormick, Nellie Holder, Lloyd Rivard and Eleanor Pierce.

Kids games will be organized by Sid Sibley, George Johnson, Don Slack and Robert Robinson.

On transportation are named, Wes Holland, Walt Trautman, and Leo Stevens. Frank Sanders will be ground constable.

In charge of prizes will be Maurice Hannify, Paul Miller and Cecil Day.

Photographers for the occasion will be Bob England, Johnnie Em-hoff and Bill Parchem.

**"BIG ED" IN BIG STATE**

"Big Ed" McNeil, as he was known to most of the boys around the Lindeman plant, writes that he is at Sheppard Field, Texas, for training and classification.

Ed states that he has been transferred from the infantry to the air corps ground crew.

Experiencing a Texas rain storm Ed says, "We had a thunder shower here and it was the hardest I've ever seen it rain. I was on a bus and the rain came through the radiator so bad it drowned the motor and we were stalled for almost an hour."

## NEW FACES AND NAMES

Since the last News Cast, 30 new names are on the Lindeman records up to August 1st, as follows:

Harold Green, discharged veteran, machanic helper; two men returned to work, C. B. Harrington, mechanic and W. F. Fullbright, molder.

Others employed are: Harry Ellison, James E. Schrader, Harold Hagstrom, Robert O. Kennett, Lonnie Sosebee, Harry Bryce Wilson, molder helpers; Jean Fleming, office and John McCague, service engineer.

Machinists employed are: R. Brown, Frank Chiarello, Lester J. Smith and Ralph Bickel.

R. A. Harper, Frank Moreland, Arthur Flynn and Bruce Lindeman are new helpers. Hobart Cranfill and Earl W. Nye, welders.

New mechanics are Richard Van Vliet, Arnold Flink, Sherman Duffield and Charles Doud.

As mechanic helpers are George C. Brush and Robert Coady. Jacob G. Hein is a new machinist helper. Frank Swan, grinder, and William R. Christie, employed in foundry.

## BILL GLENN HOME



Serving eleven months overseas with the 2nd Bn., 324th Inf., 44th Division, Bill Glenn, formerly with Lindeman engineering, is home on a 30-day furlough.

"Our battalion was the first American outfit to fire across the Rhine river," stated Bill, on his recent visit at the plant.

Bill has traveled from one end of England to the other and enjoyed frequent visits to London before being sent over to the continent. He also had passes in Paris, Nancy and Strauseburg and prior to his recent return to the States on the Queen Elizabeth he spent a month in Austria.

Among the souvenirs that Bill brought home is a 25 calibre German pistol and an officer's S.S. knife used by nazi shock troops.

Following his furlough Bill expects to complete additional training before reassignment in the Pacific.

John Karnes is at work again in the cleaning room after being laid up four weeks with an infected tooth.

## BUSY BEAVERS



Seated at desk is Alex Breitgham, in charge of pattern storage. Alex is recording on file cards the number and description of patterns as this information comes from the engineering department.

The patterns are recorded in numerical order under machine classification such as beet loader, tractor, hop picker, plow, etc. Each card in the file includes molding information regarding the number of patterns per board, the number of core boxes and stock cores needed and size of flask required.

To simplify the locating of a pattern in storage the file card shows the rack number where the pattern may be found.

Wendell Tissell is assistant to Alex and beside their pattern storage work these two men handle the material receiving and warehousing for the foundry.

## FORTUNE CITES HOP PICKER

"The Farm Column" in the August 1945 issue of Fortune magazine shows a picture of one of the Lindeman manufactured portable hop picking machines. Between 200 and 300 of these machines have been built at Lindeman and near Sacramento.

## Souvenirs From Pacific

Mary Jane Omelina, foundry laboratory assistant, is prizing very highly some beautiful souvenirs sent to her by her husband who is serving as aviation chief machinist aboard an aircraft carrier in the Pacific.

Among the souvenirs were a colorful chinese house coat, a string of dainty shell beads from the island of Maui in the Hawaiian group and several other items from the South Pacific.

## ROLLER WOUNDED

Word received from Sgt. Albert A. Roller, recently, states that he had spent 45 days in a hospital as a result of a tossed-back grenade.

Roller says, "I threw a grenade in a Jap hole and he started to throw it back and I got hit in my lift thigh. But, I put sixteen bullets in him for that little mistake he made. I got the purple heart for being wounded in action."

"It sort of made me feel as tho I was back and working there," writes Roller. (The News Cast is sent monthly to all the men on the company Honor Roll. Our mailing list is still incomplete. If you know of additional addresses please check with switchboard girl at main office.)

Ed Erickson, steel foundry foreman, made a recent three day trip to Seattle.

## GENERAL WRITES TO PRAISE L.P.E. MAN

Proud wife was Mrs. Blanche Mae Lease of Yakima upon receiving from Brig. Gen. Hanford MacNider a letter stating that he had just had the pleasure of approving and forwarding to higher authority a recommendation for the award of the bronze star for "gallantry in action" to her husband, Carl Lease, technician fifth grade.

Lease, who since the writing of the communication, has won promotion to a sergeantcy, has served in the Pacific theatre seven months, and lately has been dating his letters at Manila. He was employed at the Lindeman Power Equipment Co. several years.

"Your husband," wrote Gen. MacNider from headquarters of the 158th regimental combat team, "is a first class fighting man and a credit to his organization and to the army. You can be very proud of him, as are all of us who are associated with him in this command."

A brother of Sgt. Lease, James Lease, recently returned from service with the air force in Europe.—Reprinted with permission from the Yakima Daily Republic (Carl worked in the L.P.E. machine shop.)

## LT. WARNINGER VISITS



Lt. Harvey Warninger has returned home on a 60 day furlough after liberation from a German prison camp at Barth.

Harvey was bombardier on a plane which was damaged in a raid over Germany and from which the crew all bailed out. He reports the food was scarce but that the nazis treated the prisoners fairly well.

Upon his visit to L.P.E., Harvey was amazed at the expansion that has taken place since he was employed here in the foundry lab.

Following his leave he will report to the Santa Monica base for re-assignment.

## FISHY BUSINESS

Leo Casper says he intended to bring in his Sunday, July 8th catch for display, but didn't have a way to bring them down. To lend support to his story he goes on by saying that someone banged into his car that Sunday night and incapacitated it to the extent where he could not use it to bring the catch to the plant.

However, be this story as it may, Leo has since proved his power as a fisherman by bringing in a bunch of beauties all running about a pound each.

Wes Dunbar reported in with a nice display of trout taken in the Ahtanum Sunday, July 8th.

A good catch was brought in by Sid Sibley from the Naches. The fish were displayed July 11th.

July seems to be an off-month for large fish, but from the appearance of some of the catches displayed, the boys are saving a few red points.

It has been reported that some of the office gang and foundry crew went fishing the other evening. No fish appeared on display the following day. We hear the next try will be for bullfrogs.

## FISH LADDER STANDINGS

John Roller tops the ladder with a one pound, 9 ounce rainbow. Otis Goode commands second and fifth position with a one pound, eight ounce and 14 ounce fish respectively. Third, sixth and seventh place is held by George Schanz. Leo Casper has a one-pounder in fourth place and a seven-ouncer on the 10th rung. Bob Driver and Sid Sibley hold the ninth and tenth positions with a seven-ounce and five ounce fish each.

There are nine vacancies on the trout ladder so, "let's go fishin' boys, there are prizes to be had."

The salmon and bass Waltons are tardy in getting under way. To date no entries have been recorded, so these fields are wide open.

## NICE WORK JOHNNIE

Effie Decker and John V. Emhoff, plant maintenance foreman, were married on July 13th in Montesano, Wash. They spent a short wedding trip on the coast.

## THOMPSON WRITES

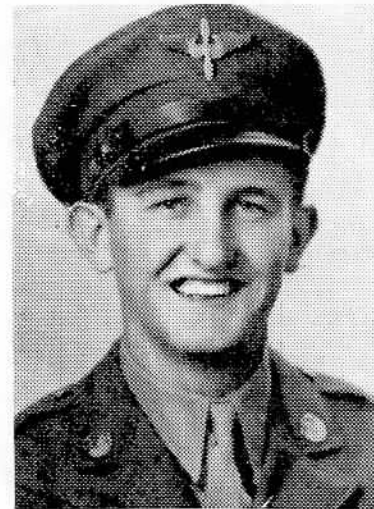
"I received your two very welcome copies of the 'News Cast' and really enjoyed them and enjoyed hearing from the plant and of the fellows there again," writes Bob Thompson from the south Pacific.

Bob says he is often reminded of his days at the plant by some of the work he has been doing in the service.

He has visited several islands and agrees with Ray Gaskin that, "these islands aren't much." Bob says the most that they offer is a lot of heat and work.

Before entering the service Bob was employed in the Lindeman iron foundry and core room.

## LEROY BREITGHAM DIES OF WOUNDS



—Republic Engraving

Reported missing in action on January 18th, word has since been received through the War Department stating that findings in German records indicate that Leroy A. Breitgham, son of Mr. and Mrs. Alex Breitgham, died on March 3rd as the result of wounds received in action. He would have reached his twentieth birthday on March 12th.

Leroy was serving with the famous Rainbow division, the same division under which his father served in the first World War. Classified as sharpshooter he held third position in rifle marksmanship in the entire division and seventh in machine gun classification.

Our heartfelt sympathy goes to the Breitgham family.

Another son, Harold C. Breitgham is serving with the Army Engineers in the South Pacific.

Fred Maltby is back on the job again in the core room. Complications resulting from a touch of flu kept Fred off the job for nearly five weeks.

Johnnie Roller was ill a few days this month.

Gib Hunt cleaning room foreman has been "wielding a torch" lately. Gib has been filling in on a "burning job" along with his other activities.

Johnnie Emhoff and Shorty Jones were out at the "wee hours" one morning recently. It has been reported that they were at the plant doing some work on the electric brake on the foundry crane. (Paid advertisement.)

Walt Trautman of the forging department is on a three weeks trip to Missouri. Walt says he is going back there and lie under the Anhauser-Busch where the Budweiser beer grows.

Roy Simpson, steel furnace man, has returned from Idaho where he was called at the death of his mother-in-law.



**Donald Stone:** Have you got any old paper sacks?

**Al Sheffer:** I bring some with lunch occasionally. My wife is saving them. How many do you want?

**Donald Stone:** All I can get. You see I am taking flying lessons.

**Fred Greenough** (reviewing a piece of work he just finished) "That's so was it couldn't be any wuzzer!"

**Jim Grey:** I caught a fifteen pound trout yesterday.

**Johnnie Miller:** Such a big trout! Why don't you enter the Fish Ladder contest?

**Jim Gray:** Oh, I didn't know they would take your word for it.

**Jim Catlin:** How small a fish is fish bait?

**Otis Goode:** It depends on where you are and what you are fishing for.

**Jim Catlin:** I am fishing for the First Prize in the Fish Ladder contest.

**Otis Goode:** In that case no fish is small enough to be called "fish-bait."

**HE WOTS NOT**

Little Wotsie what the mike is for. But he had to clamp his jig. And the size of the mike is the right size or—a hunt for another rig.

**Chorus**

So he spent fifteen dollars on a fifteen cent job. But the job—he got'er done. For the loss of a fin is hardly a sin, if it's not your pocket that's wrung.

Ah, little Wotsie—Wotsie!  
Ah, little Wotsie.

Sung to the tune of "The Old Cow Died". In case you don't know that, "Sweet Adeline" will do.—J.M.G.

**PERKINS PROMOTED**

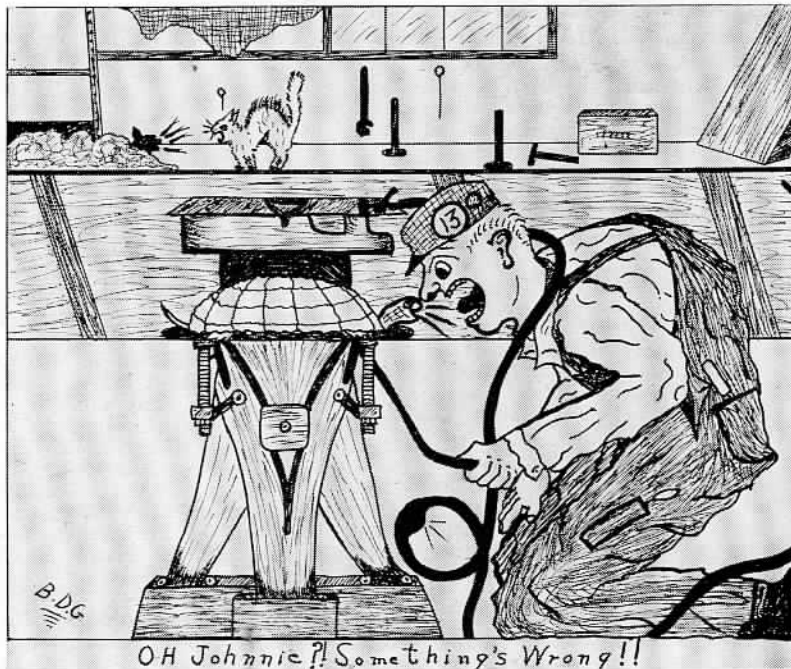
It is reported that George Perkins has recently received his captain bars. Capt. Perkins is in the Army Air Corps and has seen action in the Pacific theatre. He is expected home on furlough soon.

Perkins was employed in the L.P. E. engineering department before going into the air corps.

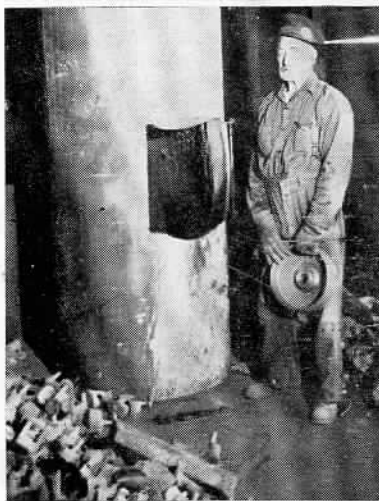
**Service Addresses Available**

A list of our servicemen's addresses is recorded in the main office. These addresses are available, although the list is incomplete, to those of you who may wish to write a friend in scervice.

That moment of carelessness may mean a lifetime of sorrow.



**Cupola Tender McKenzie Going Strong At Seventy**



Going on 71 years, F. L. (Mac) McKenzie, still puts in a good day's work tending the iron foundry cupola. Mac has been at Lindemans for three years and after handling three to four tons of iron and 1200 to 1500 pounds of coke twice a day, he rounds out his daily activities in his quarter-acre home garden, where he raises strawberries and vegetables. Mac has lived in Yakima 10 years and apparently the climate agrees well with him for he seldom misses a day's work as a result of sickness.

He states, "Mrs. McKenzie and I have been married 47 years and raised five girls and six boys, all but three boys now living."

Mac spends occasional annual winter visits in Canada where some of his family reside and he enjoys fishing and deer hunting there.

**McNARY VISITS PLANT**

Pfc. Victor P. McNary, Army Air Corps mechanic, spent a recent 15-day furlough with his parents in Mabton and came in to Yakima one day to renew acquaintances at the Lindeman plant.

Upon seeing some of the many blocksides still being poured and shipped, McNary recalled how he had helped get out many of them when he worked in the Lindeman foundry.

McNary went into service in June, 1943, and received his basic training at Buckley Field, Colorado. Since then he has worked in the flight test department at a troop carrier base. His work consisted of making tests on planes after they had gone through repair shops.

McNary is now stationed at Bergstrom Field, Austin, Texas.

**DOWN UNDER**

It has been reported that Kenny Chastain, iron foundry foreman, fell down the elevator shaft at the cupola charging floor and the boys in the foundry wonder if this is his way of getting a vacation.

Ken's story goes on to say that the cage dropped on him, but in either event the incident proved serious enough. While Kenny is now back on the job, he is still suffering with an injured leg.

**KOKEN DRAWS CHARTS**

Phil Koken formerly of the Lindeman engineering department writes that he is now in the statistical control office of the Air Corps and is busy drawing charts and graphs.

Phil's new job is a reassignment after months of service with the Air Forces in England and 35 missions with the Fortress crew over enemy territory.