A review of the second year of operation of the Suggestion System discloses the following year-end award winners:

**Vern Valentine** — Suggestion receiving the highest award.

**George Tharp** — Most money awarded during the year.

**Mildred Fore** — Most accepted suggestions.

Seventeen employees had five suggestions accepted during the year and became eligible for membership in the exclusive "5" Club. A five dollar award is made upon the acceptance of the fifth winning suggestion (in addition to the regular suggestion award) and the winner is automatically admitted into this select group.

The members of the "5" Club are:

Robert Bunch
Clyde L. Burris
Ebal J. Chayie
James Davidson
Robert Detlbrenner
Mildred Fore
Eugene Heighway
D. B. Jaycox
H. Glenn Martin
Otto Morgan
Marvalynn Powell
Donald Raabe
Frank Rendel
Charles Richards
Kenneth Rohleder
Odelia Schaut
George A. Simmons
George Tharp

There is no entrance fee to join the "5" Club—instead, the members are paid to join! The membership rolls are also open to you. Get the suggestion habit and win yourself some extra cash.

*(Continued on Page 2)*
THE WINNING COMBINATION
(Continued from page 1)
A total of 693 suggestions were turned in during the year, of which 171, submitted by 89 different employees, were accepted. This was an acceptance of 24.8% or one-quarter of all suggestions submitted.

Honor Roll
Workers With 1 to 4 Accepted Suggestions During 1944

Andy Acsai
Joe Acsai
Richard E. Atkinson
Gilbert Bair
Ralph E. Banes
Walter Beatty
Kenneth Bidlack
Royal N. R. Biggs
John Bowers
Jack Bowers
Lynn Bowers
William Brannon
Ray Bray
Kenneth Brown
Sophia Burkhart
Homer L. Byrd
Lewis Carswell
Kenneth Clark
Chester C. Crumrine
Charles A. Davis
Eldon Eberly
Joseph Faker
Grady Faulkner

Enoch Fetter
Roy E. Fishburn
Milford T. Gardner
Richard Gildner
Mary Golba
John A. Goss
Stanley M. Hes
Arvilla Hummel
Ray Hutchins
Denver Johnson
Harry Keefe
Lester Lee
Lewis Mark
Lawrence Metcalf
Frank J. Morin
Henry C. Miles
Frank D. Miles
Violet Nielsen
Lester Neddeau
Harold Null
Nollon Renner

Cecil H. Rice
Dillon Roebuck
Wilbur B. Sawdon
Margaret Sawyer
John M. Scarbear
Charles C. Schlicker
John Schuell
Lewis Shidaker
William Shultz
Archie E. Schoff
William C. Snyder
William Simms
Gladstone Smith
Sam Snodgrass
Don E. Squibb
Cleland Stoddard
Joseph Turnock
Horace Wilfret
Marcellus Wachs
Ernest E. Webster
Dorothy Whitmer
Earl Winslow
Ernest M. Young

My Congratulations are extended to the year-end Suggestion Winners, Mildred Fore, George Tharp, Vern Valentine to the growing number of members of the 5 Club—in fact, to all of our employees who have contributed to the success of our suggestion system.

I also want to make special mention of the quality and value of suggestions that have been made over recent months. With the experience of the past two years our employees have a better understanding of the character of suggestions that are winners and our Committee is able to function more effectively in their investigations and awards.

I feel that you will all join with me in extending our appreciation to the Committee for their fine work in developing the suggestion system as an important factor in our operations.

We are all banded together as a group of average humans—we don’t claim any super brains—and we represent the American Foundry Equipment Company. Our success or failure, or how good an institution we make AFFECO as a place to work, is up to all of us. The employee pride and interest that motivates improvements in the Company’s products, manufacturing and business methods will, through such channels as our suggestion system, contribute greatly toward the continued success of AFFECO.

You have blazed the trail of inaugurating and making work a suggestion system having great possibilities. Don’t hold back your suggestions for any reason. Make this year a great success.

Pres. and Gen. Mgr.

American Parade

RECENT SUGGESTION WINNERS

ELDON EBERLY: Assembly guards be rolled on press brake.

EUGENE HEIGHWAY: Make change in valve stem assembly on pressure tanks.

DENVER JOHNSON: Eliminate two unnecessary holes from frame of the Model "M" Sandcutter.

WILLIAM SIMMS: Fabricate in our own shop the cyanide pots used in blacksmith shop.

E. M. YOUNG: Sales department to include HP ratings of magnetic starters on sales orders.

FRANK RENDEL: Use cheaper limit switch on "M" Sandcutter.

GEORGE SIMMONS: Part numbers be given to machined parts.

SOPHIA BURKHART: Install a pedal brake on the impeller inspection machine.

HARRY KEEFE: Changes in experimental Wheelapeening machine to facilitate changing rubber curtains.

RALPH BANES: Install guard over trolley wires on small crane at main door ways.

Dust Collector Reduces Employment Turn-Over

The dust created from the manufacture of copper fungicide and copper carbonate insect control powder processed by The Tennessee Copper Co. at Copperhill, Tennessee, is poisonous. When breathed by a worker he suffers from loss of appetite, headache, chilling and aching of the limbs. As a result of this unhealthy condition, the company had considerable trouble in keeping men at work in their plant.

The powder contains from 13 to 56% pure copper in combined form and is approximately 25 microns in size. It is not free-flowing and has a tendency to pack, making it a very difficult material to handle. But AFFECO Dustube Dust Collectors are successfully handling this copper insecticide.

The customer installed two No. 55 Knocked-Down Type Dustube Dust Collectors making the operation safer and considerably reducing their employment turn-over. The company also found that the material caught in the collector was a satisfactory finished product, requiring no further processing.
Metal working has for centuries been an "old Swedish custom." Swedish steel has long been synonymous with high quality, and Swedish craftsmen are famous for their working of it, although of course they have had no monopoly of the art.

Many American metal working plants owe their origin to Swedes who emigrated to this country and set up shops. One of these was Charles A. Kropp, whose grandfather and great uncles established the Kropp Forge Company at Annefors, Sweden, in 1837, using water power hammers. Charles A. Kropp established the Sundbert-Kropp Company in Chicago, after experience as a journeyman hammersmith. The company name was changed to Kropp Forge Co. just previous to World War I.

Kropp Forge made a good record on armament production during World War I, and continued to expand afterwards, by enlarging the plant and installing the most modern new equipment. (Kropp installed its first WHEELABRATOR in 1940.) When America participated in World War II, Kropp set up the Kropp Forge Aviation Company, for the production of airframe forgings. Other materiel production includes parts for guns, tanks, engines and ships.

**MANY PROBLEMS SOLVED**

The success of Kropp Forge is largely due to two things: ingenuity in solving complicated forging problems . . . and "survival insurance" achieved by the installation of the most modern, high speed, cost-cutting equipment.

Important among the modern cost-cutting equipment at Kropp is a battery of three Wheelabrator Tumblasts—a 48"x72", 36"x42" and a 27"x36"—installed in the cleaning department.

The Wheelabrator Tumblasts not only do a fine job of cleaning on various sizes and types of forgings from an ounce to over 250 pounds each in weight, but greatly improve the machine-ability of the forged parts.

After the first Wheelabrator Tumblast, a 27"x36" machine, was installed at Kropp, a 31% reduction in cleaning costs was reported. This can be attributed to the amazing speed at which all forging scale was removed from the pieces in comparison with the time formerly required with air blast equipment.

**POST-WAR DEVELOPMENT**

The Kropp Forge Company is actively engaged in a program of post-war development. Already designs are being drawn up for the manufacture of parts and equipment in the world's largest job forging shop for civilian use after the war emergency has passed.

* * *
It Could Have Been Worse!

Denver Johnson, steel shop welder, might be laid up with a smashed foot today had he not been wearing a pair of steel capped safety shoes. Fortunately, he was sensible enough to know that it’s cheaper to take ordinary precautions than suffer painful injuries.

While Denver was moving a 1200 pound steel fabricated member into position preparatory to welding, the hoist chain caught on the piece causing it to drop upon Denver’s shoe. Hitting the steel cap in the toe of the shoe, the piece slid off the protected area onto the side of the shoe where it slashed through the leather upper and half-inch thick sole. Not even a scratch resulted to the foot.

Safety work shoes may be obtained without the surrender of a shoe ration stamp through the AFECO Transportation Committee (Chief Harold Whitmer or Clair Wilson). It will take only a minute to fill out the necessary forms—so see either of these men today. Bring War Ration Book No. 3 with you.

Denver Johnson was prepared with a pair of safety shoes. Will you be as lucky should an accident occur to you? Get Your Safety Shoes Before It Is Too Late!

THE FAMILY ALBUM  *  *  Art Murphy

Art was a farmer until inducted for military service during the first World War. At the close of the war he obtained a job at Culver, Ind. with his brother-in-law who was a contractor. From him he learned the carpenter trade. Among the more important of his jobs was helping construct some of the buildings at Culver Military Academy. Leaving Culver, he came to South Bend and was employed by the Christman Construction Co. He has worked on such big jobs as the Odd Fellows, Colfax and Studebaker Buildings, Granada Theatre, and some of the halls at Notre Dame.

In 1926 he was sent by Sollitt to AFECO, to do some construction work—the job stretched out for two years. During this time he came to know and like the workmen and management so well that in December, 1927, he accepted an offer to work for AFECO as a carpenter.

During the seventeen years Art has been at AFECO, he has seen and helped in the many building improvements which have taken place. In 1927 beautiful green lawn covered most of the ground now occupied by our plant facilities.

He likes to hunt game birds such as quail or pheasants and he also has the patience to sit in a blind for hours in order to get a good shot at a duck. When Art lived in Culver many years ago, he did a lot of swimming and it was not unusual for him to swim across Lake Maxinkuckee.

Art has an enviable attendance record—he can count on his fingers the days of work he has lost since coming to AFECO.

AFECO Servicemen Receive Gift Packages

Although AFECO Servicemen were not able to have their Christmas dinner "on the company"; nevertheless, the $10.00 Christmas check was sent to all former employees in the services to add a little more joy to their Christmas celebration.

In addition to this all men now overseas were mailed a personalized Christmas greeting containing ten razor blades and an abridged size Saturday Evening Post.

Servicemen in this country will soon receive a gift package containing candy, a useful sewing kit and the Post booklet.

These periodic gifts to our men in the Armed Forces are made possible through the Servicemens' Gift Fund which is dependent upon your contribution for continuation of the program. Sale of Christmas candy netted the Fund nearly $100.00. In addition to the regular monthly contributions of $100.00 by the company and donations by the Athletic Association and Union, a few individuals have added to the Fund.

Christmas Parties Enjoyed By Many

Christmas parties were a feature of the holiday season for many AFECO employees. One of the first of the many was the Julianna Club annual Christmas dinner party held in the Hotel LaSalle. Lucille Simcox and Margaret Sawyer were co-chairman and with their committee made this affair a memorable occasion.

Entertainment was provided by the girls' glee club with solos by Attea Bronzetti and a play, "Bundles for Christmas" with the roles taken by Ellen Heaton, Rosemary Goossens, Hope Marvin, Jean Seybold, Marjorie Frazee, Cathryn Cruise, Tweet Harris and Natalie Wishon. Marie Davis directed the play, costumes were by Ann Sawyer and properties by Mary Helen Driver.

The largest party was the dance for all employees given by the Athletic Association December 16 in the Union Hall. The Glee Club made their first public appearance—and an excellent appearance too—singing the lovely, traditional Christmas songs. The Julianna Club presented their play before the dancing started.

Other parties were the dinner for the Advertising department at the Lincoln Highway Inn and the party at the Hotel Mishawaka for office and supervisory personnel.
In There Punching!

To facilitate the assembly of steel sheet and fabricated pieces, a battery of punch presses and combination machines are available in the steel shop for punching, coping, cutting and other related operations. These machines are used both on regular production items and for the frequent demands of the steel layout men.

JOE TURNOCK (1) uses the wide throat punch press on an abrasive separator plate. The layout men have indicated the hole positions on the steel sheet therefore, it is necessary only to guide the large sheet under the head of the machine. The punch press is operated by foot control.

Probably the most versatile machine in the plant is the steel plate slitting, shear, punch and bar cutter shown in picture No. 2. Three distinct operations can be performed simultaneously. With the aid of the small crane, bolt holes or slots are punched in the 3/4" thick steel plate held by Tom Fisher and an unidentified worker. An attachment at the back of the machine makes possible the cutting of corners from steel plate or stock. In the middle section, plate, bar or rod stock can be sheared straight or at a mitered angle.

FRED RICE and JACKSON SNYDER (3) are shown placing a large dust collector side sheet under the multiple punch press. On this machine 16 holes with 3" spacing or other combinations can be handled. The guides on the punch press eliminate the necessity of time consuming layout formerly required.

Another versatile machine is the small punch, shear and coping machine which CECIL RICE (4) is shown operating. Almen test strips used in the Wheelapeening process are cut to size (3" x 3/4" x .0510") with this machine.

Pfc. EDDIE V. BYRD says he would like to see some Indiana now for it is hot where he is, only five degrees off the equator... S/Sgt. LAYTON WICKIZER is back in the U. S. at Lowry Field, Colorado... T/4 JOHN PAWLOWSKI says he is spending a few months “at leisure” in New Guinea. Pfc. FRANK MOHACHEK thanks us for the birthday gift, writing from somewhere on the Pacific Ocean.

DALE N. MARTIN, A/S, Berkley, Calif.

"Wayne Thomas, who worked on the same shift as I, was stationed at Treasure Island for about three months and of course we had several swell visits. Now he is at sea in charge of the gun crews of the S. S. Fallen Timbers.

“I am due to be transferred to midshipmen’s school at the end of this semester so I’m hoping that March 1 will see me back in the midwest somewhere, preferably Notre Dame.”

ROBERT WILLIAM HOERSTMANN who has been hospitalized in France has been awarded several decorations including the Purple Heart, Combat Infantryman’s Badge, Bronze Star and four battle stars.

T/5 FRED W. HAWKINS is with an ordnance repair company in Italy. He says the man who wrote about “Sunny Italy” didn’t stay there all winter.

LEWIS CARSWELL, S 2/C, Virginia Beach, Va.

“This radar training is very interesting even though you don’t learn much... it is very confidential so they don’t tell you any more than is necessary.”

CPL HANK MOORE — New Guinea

“Our G. I. home is here on the island of New Guinea, now.

“Have been to some other outfits lately, and met three fellows from the home town. Ran into Harry Hixenbaugh last Sunday morning with Bob Hildebrand. He is a rugged looking soldier. I hardly recognized him since he has changed so much.

“ Took a trip over to my old outfit a few days back and met Marion Loucks. He’s a radio operator in the artillery now. Those boys have a sweet set-up over here compared to some units. They play a lot of ball and spend a lot of time making bracelets, weaving skirts, etc.

“We’re attached to an infantry outfit, so we do plenty of marching. When we left Fort Ord we were supposed to be polished soldiers—then we land in New Guinea and take basic training! You can’t win. We have the best drill team in New Guinea so we’re training for that victory day parade back in ‘Frisco’.”

JOE WARNER paid a little visit to the shop. He has completed torpedo school and is now stationed at sub school in New London, Connecticut. BOB BORTON, who is now stationed in Florida, was also in for a short visit.

CHARLES W. COLE, MM 3/C — Seabees

“My outfit is now attached to the Fourth Marine Division. They are a very friendly group with us, but very rugged on the battle field. I’m glad that I can say we are included in their unit.

“I was very glad to read about Joe Acsai getting his commission. I feel that he deserved it for something he did and not because of going to college. He can’t be called another 90-day wonder, anyway.”

ROBERT B. QUALLS, F 2/C

“Received your gift letter with the razor blades, thanks a lot. It makes a fellow feel good to know the folks back home haven’t forgotten us. I still get the Parade and enjoy reading it.

“The AFECO is still on the job. I notice the suggestion winners list seems to be growing so you folks are using the ‘old bean’ as well as turning out lots of equipment.”
Voices in Song

After several months of diligent practice, the newly formed AFECO Glee Club made its first public appearance at the Christmas Party on December 16. Their program of Christmas carols was enthusiastically received by the audience. They also appeared at a party held in the Moose Hall on Friday, December 22.

Karl Knorr, director and Miss L. Koch, accompanist, have worked hard with this willing group of singers and the results and future prospects are very encouraging. Practices are held weekly and regular attendance by all members is urged.

New Department In 1945 Parade

PARADE, in continuing to live up to its avowed purpose of proving the American Way of Life, has gone to a great deal of trouble to have horoscopes prepared for each AFECO worker. The horoscopes, written by A. S. Trollope are scientific, accurate and completely unreliable, but who cares, we don’t?

Here is the first horoscope, written for those whose birthdays are between December 21 and January 20. There will be one each month during the year—watch for yours!

Horrorscope

CAPRICORN—Dec. 21 to Jan. 20

If your birthday is in January, you were born under the sign of Capricornus, known as the Goat sign. This doesn’t mean that you must necessarily be the goat at every party, but it helps. Your ability to “take it” can have a lot to do with your popularity.

You are of a nervous temperament and to be happy must be constantly busy. For this reason you will be known by your friends as a busy-body, an expression of their affection, no doubt. With a mind naturally lured by investigation and experimentation you possess a vivid imagination which is likely to run away with you at times unless controlled. Of course, if you do this you’ll miss lots of fun. Someone born in Sagittarius or Hoboken will make the most congenial mate for you, but being of a restless nature you should not consider marriage until you have satisfied your natural desires to roam. Even then, perhaps, you shouldn’t consider it.

Your friends will form a most important and necessary part of your life, providing you still have a friend after they get the lowdown about you from your Horrorscope. You are particularly well equipped for a literary or educational career. Naturally this means after you have learned to read and write.

March and September are usually your best months, therefore, to avoid trouble we suggest that you stay in bed the rest of the year. This should give you ample time to think and plan activities for the following March and September.

Some of the prominent personalities born during the month of January are Lassie of “Lassie Come Home” fame, Man-o-War, the track celebrity, Leo, the MGM movie star, and Gargantua, of Barnum and Bailey, just to name a few. You can readily see that your birth in the month of January places you in exclusive company.

Follow the advice of your Horrorscope and be assured of health, happiness and a life full of laughs.

Skating is Fun

. . . . as long as you stay off thin ice. Spending is fun—that is what money is for—as long as you have a reserve fund for emergencies and a convenient, economical source of loans.

MORAL: Join your Credit Union, deposit savings in it regularly, and come to it when you wish to borrow money. It is operated by and for its members—not for charity—not for profit—but for service.

CORRECTION PLEASE

Under Union News in the December issue of PARADE the following sentence appeared: “If you are a Union member and have worked less than four hours in any month, due to illness, you may receive exemption from dues by contacting the Financial Secretary, Bernard Fleming.” The number of hours should have read FORTY.
Bits About Us

On the other hand, we are glad to know Joe Henderson is home from the hospital.

Bob Martin's pale countenance was the result of the floor creeking when the jeep was trying to move a lathe.

SHIPPING TAGS  Arella Hummel

The shipping department has a little more space since the four-car load Russian job has been shipped out...Alma Walters liked us well enough to come back and work with us again and we are glad she did...Among the first to buy bonds during the Sixth War Loan drive was Mrs. William Robertson.

VOICE OF ENGINEERING

Agnes Ernst and Chuck Baltinek

All the visits from the shop women were not because of the engineering department's magnetic personality, but because some bolts and nuts were left off some drawings. * * *

If Dot Whitmer and Kenny Rohleder don't stop their eternal feuding, we're going to lock them in the vault and let them battle it out with their choice of weapons.

STEEL SHOP STUFF  Ray Hutchins

Congratulations to: Daniel Miller on his marriage December 15 to Nell Shultz; Mr. and Mrs. Keith Gordon on the arrival November 12 of Robert; Mr. and Mrs. Keith Gordon on the birth of Rose Lynn November 25.

Glad to see Ollie Heyden back after his accident last June and Bob West after nearly two years in the Army.

Harold Groh modeled a new hat belonging to his wife at the Beiger School Fall Festival—just like "Breakfast at Sardi's".

MACHINE SHOP MURMURS  Irene Grams

Bob Bunch is the new president of the Michiana Kennels Assn.

The machine shop is breathing easier since the second story floor has been laid—we've all had a shampoo and lemon rinse.

We surely hate to see our nurse Leona Bidlack leave because she is not only an excellent nurse but a good friend.

Robert Gibbens proudly (?) modeling his Christmas gift which was presented to him by his coworkers in the stockroom. In case you are in doubt—it's an early model night shirt, complete with a tie-string night cap.