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AMERICAN

Parade





AMERICAN PARADE

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Mildred Fore, Office
Harold Groh, Sports
Arvilla Hummel, Shipping
Paul Kizer, Steel Shop
Robert Mow, Heater
Walter Tava, Steel Shop
Jean Tracy, Exp., Demonstration

THE COVER

PRAYER OF AN OUTDOOR MAN

With the leafy branches of the forest trees,
I lift my arms to pray
With the babbling brooks and singing birds,
I raise my voice in praise
I thank Thee for the out-of-doors
I thank Thee for my dogs, my gun, and the
flaming colors of the autumn woods
I thank Thee for wild ducks flying south
against a dull grey sky
I thank Thee for the drum of the partridge,
for squirrels, the aroma of pine needles,
sunshine through the leaves, and all the
other eternal miracles of the out-of-doors.

★ ★ ★

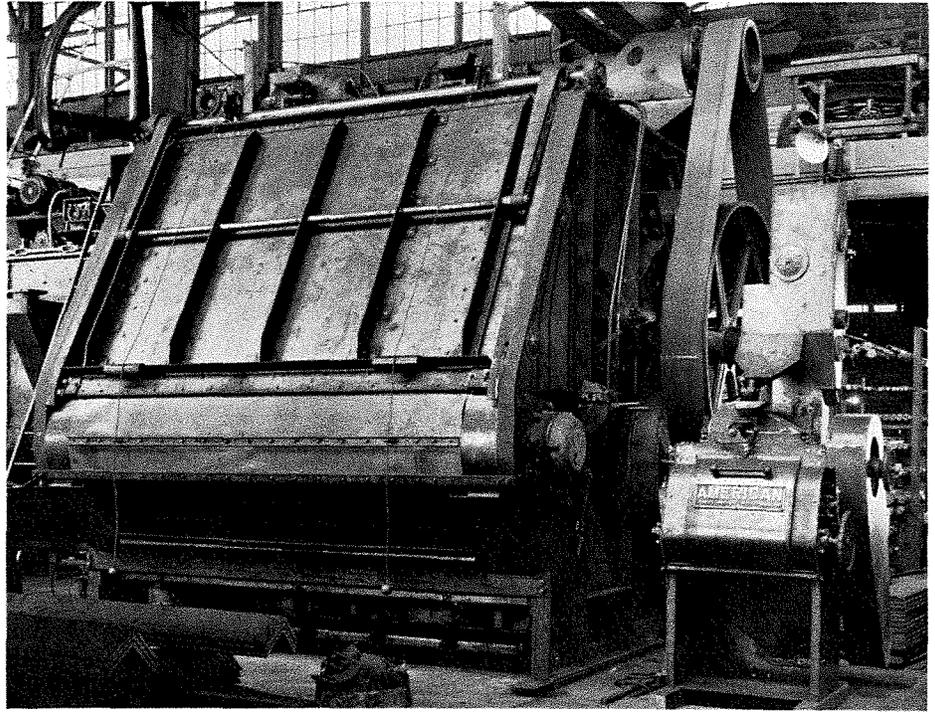
SHOWING THE RED FEATHER



The workers at AFECO heeded the plea for contributions to the Mishawaka Community Fund and War Chest by contributing \$6,000 during the recent drive.

One-third of this amount (\$2,000) will be given to the Red Cross to help them carry on their work, and the other two-thirds (\$4,000) will go to the Community Fund and War Chest to be distributed among the various participating agencies.

Mutt and Jeff



Here is the long and the short of it—meaning the Wheelabrator Tumblast line. What is the reason for such a difference in the size and capacity of the two Tumblasts pictured? The simple reason is that metal cleaning requirements of industrial plants differ both as to size of pieces to be cleaned and production capacity required. Consequently, the Wheelabrator Tumblast is built in eight standard sizes to handle the individual demands of these plants. Each of the machines employ the same exclusive American features differing only in construction details.

The comparison between the king size 60" x 96" Wheelabrator Tumblast with its 63 cu. ft. cleaning capacity and the 15" x 20" Wheelabrator Tumblast with its one cu. ft. of cleaning space, can easily be seen in the picture above.

The 60" x 96" Wheelabrator Tumblast is so immense that the 15" x 20" machine can almost be placed in the cleaning chamber of the mammoth Tumblast. The small machine handles parts weighing a few ounces, up to several pounds. The 60" x 96" Tumblast, as it is performing at Dominion Foundries & Steel Ltd., Hamilton, Ontario, Canada, is cleaning loads of large steel castings weighing as much as 6,000 pounds.

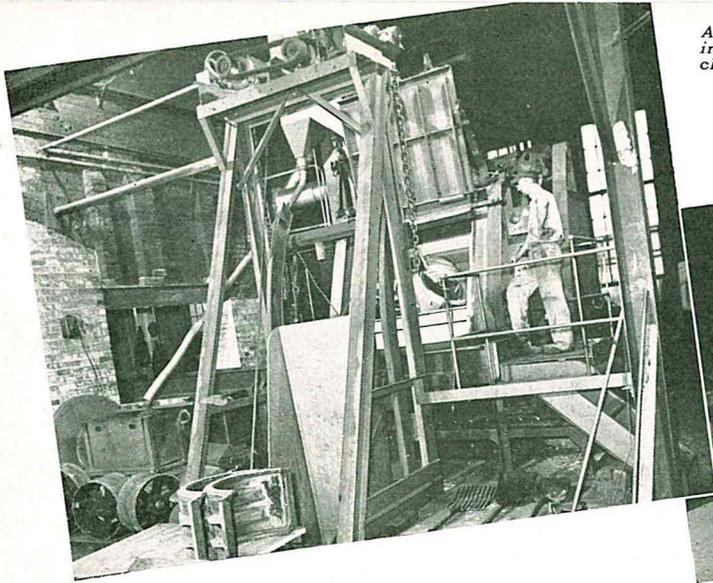
HAVING A GOOD TIME?

Having a good time? Well, just what is a good time? It varies with the person and the time. Having a good time may mean any activity or absolutely no activity—a good time results when you are doing something that at that minute you would rather do than anything else.

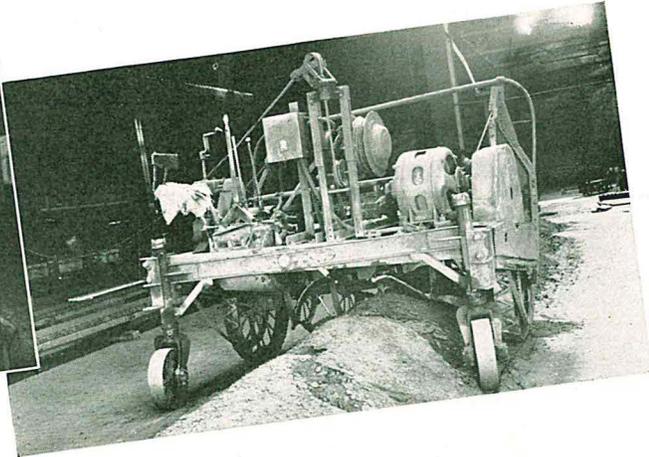
Having a good time requires no effort—that's the test—if you make an effort—part of the joy is lost—good times occur when one is willing to accept the existing conditions and feel that those conditions were made especially for one's enjoyment.

Sometimes a lot of planning and effort go before a good time arrives and usually one enjoys the planning and effort.

Having a good time relaxes one, no matter how much energy is expended in doing it—whether it is repairing the wheel of Junior's bike, transplanting the rose bushes, reading a technical article or that wonderful feeling resulting by lying on the beach on a hot day after a swim. A good time can involve creative or constructive effort or absolute passiveness—you will enjoy doing it—so have fun!



At Left: In January of 1944 the Dodge Mfg. Corp., Mishawaka, installed this 48" x 48" Wheelabrator Tumbler to increase their cleaning room production.



Below: The Studebaker Corp., South Bend, uses this type "K" Sandcutter in their foundry.

Patronize the Home Industries

If you want to visit Wheelabrator and other American equipment installations, you need go no further than your own community. Local industrial plants with metal cleaning, sand conditioning and ventilating problems have been quick to recognize the efficiency and low cost operation of American equipment and have selected it as the answer to their problems.

Here then has been disproved that old Biblical quotation "No prophet is accepted

in his own country". Or possibly you have heard it in these words, "A genius is never recognized in his own home". Unfortunately that is too generally true, but AFECO's reputation has been maintained in its own vicinity.

Listed below are industries in Mishawaka, South Bend, Elkhart and Bremen which are satisfied users of American equipment. Practically all of the major industrial plants are included in this listing:

MISHAWAKA

- Ball Band Plant
Dust Collector, Air Blast Cabinet
- Dodge Mfg. Corp.
48" x 48" Wheelabrator Tumbler
Rod Straightener, "M" Sandcutter
Assembled Type Dust Collector
- Kamm and Schellinger
Pressure Blast Tank
- City Water Works
Suction Blast Cabinet

- 48" x 42" Wheelabrator Tumbler
Special Wheelabrator Cabinets
Rod Machine, "K" Sandcutter
Dust Collectors

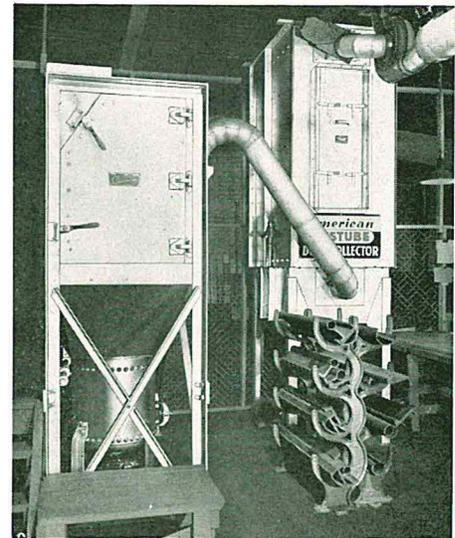
- Torrington Co. (Bantam Ball Bearing)
27" x 36" Wheelabrator Tumbler
- Triangle, Tool, Die & Eng. Co.
No. 1 Suction Air Blast Cabinet
- Wheeling & Hamilton Welding
and Machine Shop
Pressure Blast Tank

SOUTH BEND

- Bendix Products Corp.
36" x 42" Wheelabrator Tumbler
20" x 27" Wheelabrator Tumbler
Three 6' Plain Wheelabrator Tables
7'6" Plain Wheelabrator Table
8' Plain Wheelabrator Table
Nine Dust Collectors
Suction Air Blast Cabinets
Pressure Air Blast Cabinet
6' Special Suction Type Humane Air
Blast Cabinets
- Bendix Aviation Corp.
Humane Air Blast Room
"K" Pressure Blast Cabinet.
- J. D. Martin Machine Co.
No. 1 Suction Air Blast Cabinet
- Mastic Asphalt Corp.
Dust Collector
- Oliver Corp.
Four 36" x 42" Wheelabrator Tumblers
Three Sandcutters, Dust Collectors
- Sibley Mach. & Fdry. Corp.
Two Sandcutters, Dust Collector
48" x 72" Wheelabrator Tumbler
20" x 27" Wheelabrator Tumbler
- South Bend Tool & Die Co.
Dust Collector
- Studebaker Corp.
No. 1 Wheelabrator Table

ELKHART

- Chicago Hardware Fdry. Co.
Sandcutter
36" x 42" Wheelabrator Tumbler
- C. G. Conn, Ltd.
Pressure Blast Tank
- Elkhart Brass Mfg. Co.
27" x 36" Wheelabrator Tumbler
- Elkhart Fdry. & Mach. Co.
Rod Machine
- Elkhart Monument Co.
No. 1 Wheelabrator Table
- International Detrola Corp.
Airblast Room
- New York Central R. R.
Dust Collector
- Monteith Bros., Inc.
No. 1 Wheelabrator Table
- Northern Indiana Brass Co.
36" x 42" Wheelabrator Tumbler
- Sterling Foundry
No. 1 Gravity Barrel
- Strom Brass Foundry
36" x 42" Wheelabrator Tumbler
- Superior Foundry
No. 1 Gravity Air Blast Barrel
- Williams Bros., Inc.
27" x 36" Wheelabrator Tumbler



No. 45 Assembled Type Dust Collector at Mishawaka Rubber and Woolen Mfg. Co., Mishawaka, Indiana, collecting dust from the American Sand Blast Cabinet also installed there.

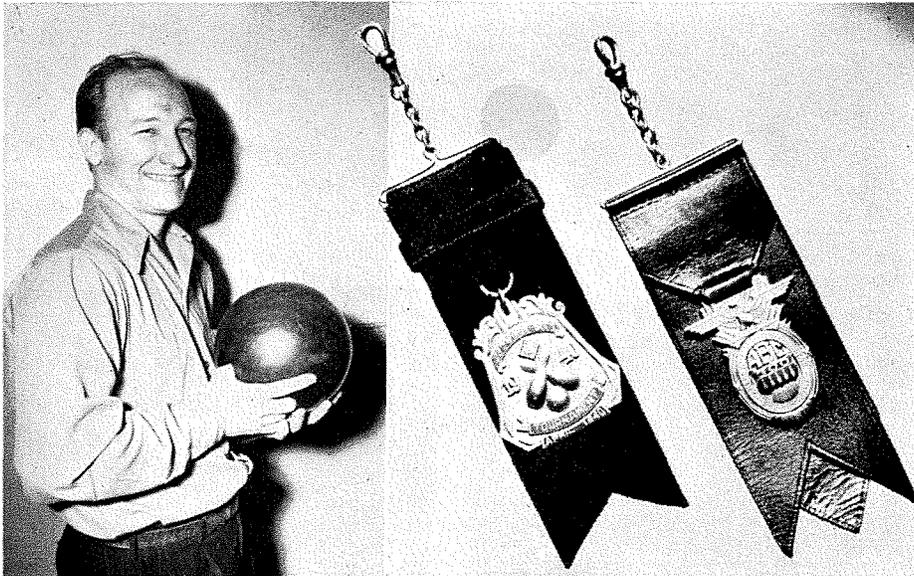


Open end view of Airblast Room installed at International Detrola Co., Elkhart, Indiana.

BREMEN

- Bremen Gray Iron Fdry. Co.
36" x 42" Wheelabrator Tumbler

THE FAMILY ALBUM



Robert Gibbens

Robert E. Gibbens, foreman of the receiving department is an unusual individual. If you don't believe it, Gibby will show you the gold medal the American Bowling Congress presented to him when he bowled 300—the only time a perfect score has ever been bowled in Mishawaka during tournament competition. The odds against bowling 300 are about 5550 to 1. The ABC has been able to present only about 2500 of these medals in the last 40 years.

Gibby was a Mishawaka high school star, then attended the University of Notre Dame for two years where he majored in physical education. During this time he managed to equal the world's record for the 40 yard dash—4.4 sec., as a member of the Notre Dame track team. Other events in which he participated were the 100 yd. and 220 yd. dashes.

Forsaking college, Gibby came to AFECO in 1937 to write receiving reports and later was transferred to repair parts shipping. In 1941 he was placed on the night shift and six months later made supervisor of the grave yard shift, working from midnight until 8:00 AM.

This was followed by about a year of "stock chasing," working with expeditor Jim Bostick, in assembling all material for a particular job. Back to receiving in May of last year as foreman of the night shift—then last September he was promoted to foreman of the day shift.

In his leisure time, Gibby injured his knee so severely playing basketball with the league-leading AFECO team that he couldn't pass the physical requirements for the armed forces, won first place in the 1940 Windy City All Events Bowling Tournament—for which he received a diamond studded medal, took second place in the 1943 Indiana State Doubles Bowling Tournament at Muncie, (missing first place by two pins), played center field on the AFECO softball team, served as a member of the Athletic Association Board of Directors, and bowled on the Eagles team.

He was married to Betty Bishop in 1941 and has a daughter Patricia Louise, born November 9 of this year.

HORRORSCOPE ★ Scorpio ★ October 23 to November 22

Scorpio the Scorpion is your astrological sign if you were born in November. Your outstanding characteristics are your enthusiasm and love of all things beautiful. Of course, this idiosyncrasy includes your appreciation for beauty or handsomeness in the opposite sex.

Now that you have the idea that you are some "punkins" as a judge of beauty, we are sorry to inform you that this achievement of yours is purely one-sided—anyone

attempting to judge your beauty would, unfortunately find themselves without anything to judge.

You may think this observation a trifle harsh, but planetary vibrations are planetary vibrations and no sensible person ever questions astrological findings. In your case this may not apply.

You are self-reliant with perseverance and stick-to-itiveness as mainstays in your

nature. A Scorpio person will never give anything up once they start and they are tireless in their efforts to gain their objectives. This trait is the direct reason for the great number of "ship-in-bottle" and "match-stick house builders" born in November, not forgetting the multitude of whittlers of all kinds, peach stones, wooden whistles and totem poles, to name just a few.

You are very particular in your choice of friends, usually choosing to associate with people from whom you can learn. This gives you quite a wide area to choose from, as a matter of fact, the entire world.

To insure a happy married life, choose a partner who will share your love of the beautiful. It won't be difficult to find someone who loves beautiful things, but to get them to spend the rest of their life with you—that's a horse of another color. There's an idea, why not marry a horse? It would be cheaper, work harder and never "nag" you. January and June are your lucky months, Friday your lucky day and Mars your ruling planet.

★ ★ ★

3% DIVIDEND DECLARED BY AFECO CREDIT UNION

The AFECO Credit Union, at its meeting held November 13, 1945, declared a 3% dividend as of November 30, 1945. The dividend will be paid on fully paid shares owned at the end of November which are held until December 31, 1945. Pass books should be turned in to the treasurer, secretary or personnel office as soon as possible after January 1, 1946, so that this dividend can be recorded.

Last year the investments in the Credit Union paid a 2% dividend, this year it has been increased to 3%. The Credit Union is a good place to save money or to borrow money at a low rate of interest.



"Why is it that you never make Clarence look quite like your advertisements?"



AFECO To Exhibit At Prominent Industrial Shows

In 1946 AFECO will be represented at four of the nation's largest industrial shows with operating exhibits featuring the latest developments in metal cleaning and dust collection equipment.

More than 50,000 industrial men, who normally attend these expositions, are thus given the opportunity to watch AFECO equipment in operation. Our representatives at the shows are able to demonstrate the machines and explain their many features to many men who ordinarily might never be contacted.

The first of the Shows will be the Exposition of Chemical Industries to be held from February 25 to March 2 in Grand Central Palace, New York City. This show is of the utmost importance to AFECO since our new Dust and Fume Control Division will be able to contact all of the important chemical processing industries, such as cement, clay products, rubber, glass, etc. At this show AFECO will display the high efficiency Dustube Dust Collector.

The second industrial show will be the 50th Annual Foundry Convention and Exhibition in the Cleveland Public Auditorium, Cleveland, Ohio, May 6 to 10. Thousands of foundrymen will attend this mammoth show to see new and improved foundry equipment, materials and supplies and to attend the technical sessions and discussions. AFECO will be one of the largest exhibitors at this show in displaying its complete line of foundry equipment with the emphasis upon Wheelabrator blast cleaning equipment.

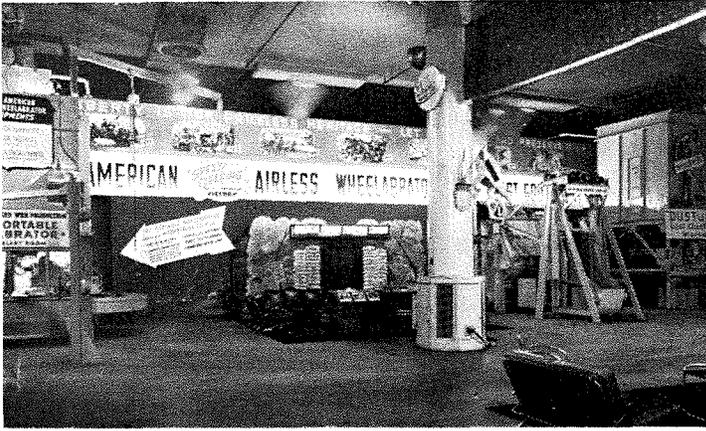
October, at a place yet to be announced, will be the time of the third industrial show in which AFECO will display its equipment. This will be the National Metal Congress and Exposition which is annually attended by more than 25,000 executives, engineers and production men.

In addition to the shows listed above, AFECO will, this year for the first time, promote wheelapeening equipment at the American Society of Tool Engineers' show to be held April 8-13 in Cleveland. Tool engineers are major influences in the purchase of shot peening equipment.

In conjunction with the exhibitions, many of the leading technical societies hold their annual conventions. These men, who influence the purchase of industrial equipment, obtain a first-hand demonstration of all of the latest developments in their industry at these shows and are in a receptive mood for new ideas and practices which they can carry back to their own production lines.

Operating displays at the major industrial shows are an important portion of AFECO's sales promotion program. Many sales are directly traceable to the interest created at these expositions and plans are already underway to capitalize on industries' heavy demands for equipment through participation in the 1946 shows.

Shown on this page are photographs of a few of the operating displays AFECO has shown at industrial expositions in the past.

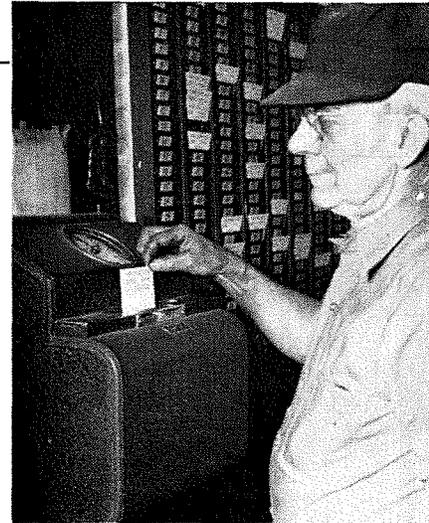


Pay Day

Pay day for most of us is Friday morning when we are handed a check paying us for the work we have done—less the deductions—all listed on the check's stub. You probably know the work is done in the payroll department, but have you wondered how these checks are calculated and made up and who does the work? All the operations of this department are not mentioned here—such as the tax reports, which require a lot of time—this is just briefly the operations involved in making up the checks each week.

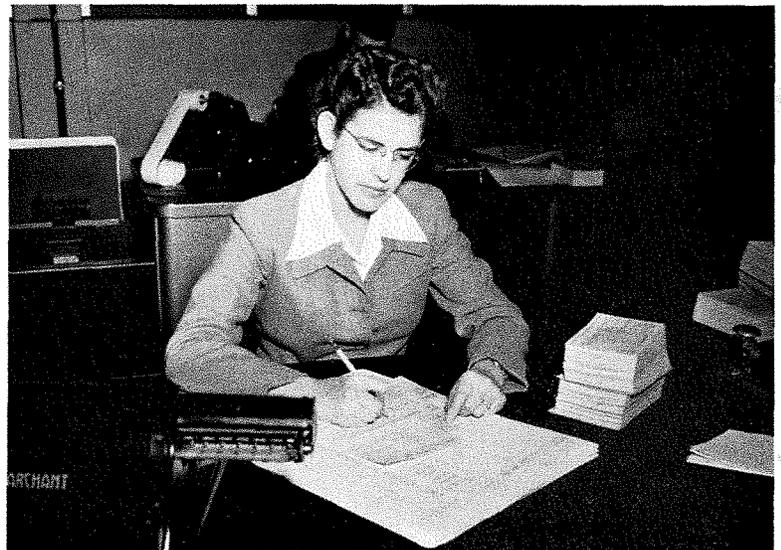
The work on a pay check begins when the pay roll sheets, the checks and the attendance time cards are printed on the Addressograph machine. On these sheets the names of 23 individuals, their social security and clock number, pay rate, group insurance amount and bond deduction rate are printed. The same plates are used to print the time cards and checks, but on these the last three items are blocked out so as not to print.

1. Arthur Lovell of the machine shop, punches his attendance card upon reporting for work in the morning, also at his lunch period and when he quits work at the end of the shift. All factory, office and engineering workers (with the exception of the executives) punch similar cards in accordance with federal laws. It takes 5 time-clocks to record attendance time. When Art starts to work he will fill in a job time card that will be punched on one of the seven job clocks in the factory.



3. Betty Weaver is doing the first operation on the blue piece work cards—marking the rate on the cards. Every piece work rate is listed on this file.

Next the piece work amount earned is figured and posted on the pay roll sheet. The procedure for paying office, engineering and factory workers is practically the same, except that salaried employees are paid a straight salary for 40 hours, then time and a half for any additional hours. The only figuring in the case of salaried workers is the payment of overtime and deductions.



4. There is a job card for each piece of work done, whether on day rate or piece work rate. The amount earned on the white day work rate cards is also figured and posted to the pay roll sheets as Dorothy Hollingsworth, senior pay roll clerk, is doing.

When the end of the week is reached, the hours and amount are totaled and the deductions—withholding tax, social security, group insurance, war bonds, accounts receivable, etc.—are figured and posted on these same pay roll sheets. After the job cards are posted they are sent to the cost department where they are sorted according to the job, then the totals for labor cost are computed.

LOOKING IN ON THE OTHER FELLOW'S JOB

2. Every other day the attendance time cards are collected and the hours worked entered on the pay roll sheets opposite each worker's name as Elsie Eminger is doing. There are spaces for every day of the week. The pay week for factory employees begins on Sunday and ends at midnight Saturday night. Every day the job time cards are sent from the various departments to the pay roll department.

When all the job cards are received for a day, they are checked to see that the time on them agrees with that posted from the attendance cards. If it doesn't, the pay-roll department checks with the production office, the foreman, or the worker to account for it—making sure he is paid for the correct number of hours worked.



5. The checks, which have previously been imprinted with the worker's name, social security and clock number, are now ready for writing. The check and pay roll sheet are put into this Underwood-Elliott-Fisher machine. The operator, Zola Lechlitzner in this instance, manually puts into the machine the figures for the worker's gross earnings, including overtime, and the various deductions—then presses a key. The machine automatically prints, in addition to these figures, the amount of the check, having made the subtraction of the deductions from the gross figures, and the check number. These same figures are also printed on the pay roll sheet while the check is being written. The checks are now ready for signature.



6. PAY DAY! Happy Day! At AFECO, for most of us it is Friday morning (Thursday evening for the night shift). Wayne G. Myers, furnace and oven tender in the foundry, receives his check from Paul Davidson, head of the department, while Ray Steele of the personnel department looks on. It takes Paul and Ray about two hours to distribute the checks to the factory and about an hour for Paul to distribute them to the office and engineering workers.



Red-headed Marilyn Sprague of the engineering department. Marilyn plays the piano, sings in the glee club, and belongs to Rainbow, the Junior Women's Club and the Servicemen's Lounge.

* * *

Virginia Moore of the purchasing department (daughter of machine shopper, Unc Moore) had lunch November 6 with Tommy Bartlett and Herb Evers, star of the stage play "Dear Ruth". The three persons asking the most interesting questions of the guest star on Tommy Bartlett's radio show each morning are guests at lunch with that star and Bartlett in the Pump Room of the Ambassador East Hotel, Chicago.

* * *

John Foster has some pictures of his cute Chow dogs. If you want to see his blue eyes twinkle, just listen to him tell about the pups.

* * *

Chief Whitmer took advantage of ration-free shoes and has a pair of fancy hunting boots. He plans to have pheasant for his Sunday dinner.

* * *

It's a girl for the Robert Gibbens—Patricia Louise, 8 lbs., 4½ ozs., born November 9. It's a boy, Bruce Manson Sutherland, for the Bill Sutherlands, serviceman in the New England territory. He weighed in at 5 lbs., 11 ozs.

* * *

H. Null of the machine shop acquired a steer—but needed some help to obtain possession of it. Dean Brugh came to his rescue, roping "Ferdinand" in true western fashion (or a reasonable facsimile).

* * *

Kenneth Morgan will probably remember for some time the morning he came off the night shift and found a dummy in his car. This same dummy was also found in the Ernst girls car one night after work—Norma Stanton and Lillian nearly raised the country side with their screams, but it's a good joke now.

Bits About Us

The heater department has had eight servicemen return during the past three weeks. A hearty welcome is extended from all of us to each and every one of them. And this goes double all over the organization, for "our boys" are coming back and we are glad to see them.

* * *

Woody Stoddard recently entertained a group of his friends at a basement party. The party was different than the usual type as the object was to excavate a basement with the reward of a chicken dinner. Representing AFECO on the shovels were: Claude Wiseman, John Woodruff, Slim Stoddard, with George DuBois acting as assistant chef.

* * *

Overlooked in our group of former street car motormen is Frank Burkett who had 20 years experience on cars and busses.

* * *

Bernard Fleming had the good fortune to accidentally raise a thornless rosebush. The bush has reached a height of six feet and last summer had blossoms which were somewhat smaller than the regular variety, but more highly scented.

* * *

Electrician's Mate 2/C Richard LeRoy Stevenson, former steel shopper, and now a submarine sailor, was married November 3 to Miss Claire Sikorsky of New Haven, Conn. The wedding took place in the First Evangelical Church of Wolcottville, Ind.

Claude Wiseman is a competent barber, having spent 16 years at barbering before coming to AFECO to work in the steel shop.

* * *

We have a bubble dancer amongst us. Or at least a fair facsimile of the same. George MacNeile of the Research Department was actually seen blowing big, beautiful bubbles in the parking lot at noon hour recently. His face turned scarlet when he became aware of the crowd that was gathering to watch his art. George had bought the bubble set for his daughters and just had to try it out, to make sure it worked.

* * *

Congratulations to Mr. and Mrs. Joe Arata upon the arrival, November 7, of Tiny Tim.

* * *

Dim Soviak read the notice for the Juliana Club Christmas party and commented: "\$2.20 for dinner? Whatcha gonna have? The hotel manager?" Nope—turkey—and the invitation is limited to ladies only.

* * *

The engineering department has a set of theme songs for each of its members. They range from "A Whistler and His Dog" for J. K. Davidson through Julius Vander Bruggen's, "You Gotta Do Right".

* * *

Sam Hearrell, machine shop superintendent, suffered a skull fracture when he was involved in an automobile accident Sunday, November 11. Sam is in St. Joseph Hospital, South Bend. While visitors are limited, cards, notes and letters aren't and would help in his convalescence.



The office girls crowd around Cathryn Cruise to watch her open their gift to her—a rose colored blanket. (Later that day she was entertained at lunch in the Royal by a number of the girls.) Cathryn, for several years, secretary for L. L. Andrus, recently quit to be married. She and Bert Andrews of Cleveland (brother of Ed and Jim Andrews and Marie Davis) were married November 24 in Holy Cross Catholic Church, South Bend.



All Aboard!

Railroad fans are divided into three classes—the first group likes to watch the 20th Century speed by, the second group appropriates Junior's toy train, and the third group builds to scale, miniature locomotives and other related railroad equipment. It is to this latter group that Don May of the Experimental department belongs.

Don is building a model locomotive. Like the majority of model builders, Don purchased a kit of parts already made to scale. It will take him about 150 hours to drill the necessary holes, assemble and solder the various parts into place. The locomotive will be 13" long when completed. It is "HO" gauge, the smallest gauge in popular use.

With this kit, Don received 5 sheets of blue prints and 7 sheets of written instructions to guide him in the building of his piece of rolling stock. The locomotive is made of brass and will be painted black when completely assembled. It is a model of a "Baltic" type engine, similar to the "Hudson" type we see pulling New York Central passenger trains by our plant every day.

Don is a member of the South Bend Society of Model Rail Road Engineers. This organization, comprising some 22 members, has a room at 1702 West Washington Street, South Bend, where the members are erecting a complete model railway system over which to operate their equipment.

At present about 300 feet of the proposed 3,000 feet of track is laid, but in time all of the track, bridges, signals, switching yards, open country, cities, and stations will be complete. The track is laid on an open framework, about 3½ feet high, all around the room. This electric railway system belongs to the club, but the rolling stock is the property of the individual members.

Don estimates it would take him at least three years to build his engine if he had to machine, mold, scale and assemble the model.

The Sports Review

by Harold Grob

Sunday, November 11, in Chicago, Clay Fisher, Vern Valentine, Kenny Clark, Virgil Berger and I witnessed the National Professional League football game between the Chicago Bears and the Detroit Lions.

Detroit won the game by a 35-28 score. Since that game, I am of the opinion that high school and college football is much less exciting, and they have lost their color and spirit for me in favor of the more perfect playing of the professional teams.

* * *

At this time the chances for a basketball team are not very favorable, due to numerous reasons beyond the control of the Athletic Association and basketball manager.

* * *

Clay Fisher, Tom Hameline, Jim Bostick and Chuck Kwasny were among the cheering thousands at the Notre Dame-Navy game in Cleveland.

* * *

November 10 saw many AFECO workers hunting—but reports since have not been very favorable—game must be rather scarce.

* * *

Jack Metcalf, George McNeile, Virgil Pope and Tom Hutchison are going to take the place of Randolph Studios bowling team at Rose Recreation Alleys Tuesday nights at 9:00 P.M.

Tips For Preparing Your Holiday Bird

Here are a few refreshers for those holidays birds coming up: Unless he goes straight into the oven, chill all stuffing well before putting in the bird. Handsome drumsticks don't just happen. Tie a cord around the leg end and just above the joint it keeps the skin from drawing away from the bone.

According to *Better Homes & Gardens* magazine, topline protection is mighty important to your bird's golden-brown beauty. Cover the breast bone with bacon strips or body fat, then a strip over each thigh joint. Fat acts as a self-baster. To keep the rest of the skin moist dip thin white cloth in melted fat, press out and lay over the bird. It should hang down the sides but not touch the rack. If the cloth dries during the roasting, spoon melted fat over it. Don't add water, and don't cover the pan.

Twenty minutes before the timetable says your bird should be tender, protect your fingers with a clean cloth or paper napkin and press the thick part of the drumstick. If it's not very soft between your fingers, let it roast the full time then try again. Don't spear your bird with a fork it's not accurate and you lose flavorful juice. Keep heat low and constant. If drippings burn, the oven is too hot.

When Mr. Turk is out of the oven waiting in a warm spot, give him a shiny glaze, spoon drippings from the bottom of the pan over him several times. Let him loaf 10 to 15 minutes before he goes to the table, for extra goodness and easy carving.

Otto Pfaff Elected Vice-President of FEMA

At the 27th Annual meeting of the Foundry Equipment Manufacturers Association held on October 19-20, Mr. Otto A. Pfaff, president and general manager of AFECO, was elected vice president of this organization for the ensuing year.

The FEMA is an organization composed of representatives of the leading manufacturing firms engaged in the production of foundry equipment. This important industry-wide organization provides a media for exchange of ideas and concerted action on mutual problems.



Don't Watch Welders!

Welders at work seem to have a fascination for a lot of people who do not realize the danger. The closer you are to the job without taking proper precautions, the greater the risk.

The injury to the eyes is seldom serious or permanent, but it is extremely painful while it lasts. Experienced welders take no chances—they wear the type of goggles or helmet required for the job.

Wherever much welding has to be done curtains have been erected, so keep away from the welder and never look directly at the light. If you have to be around this work, get a pair of welding goggles and wear them.

Remember—ordinary dark glasses may be useless they may shut out the light but not the injurious rays. Only approved goggles should be worn.

Welcome Home!



Robert Newsom stopped in to see us and Ruth Baker hands him his bond. Bob said he had seen a lot of the world, in fact, on his first trip he went all the way around the world the high point being the stop over in Rio de Janeiro.

Omer Boembeke
Edward V. Coleman
Darrell Dimos
William Doty
Ernest Eaton
Fred Hawkins
Robert Heminger
Levi C. Himes, Jr.
James Hoerstman
Guerino Giacomini

Ernest Dickson
Andrew Fassett
Russell E. Hutchins
Edgar C. Mumby
Rex Neely
Jack L. West
Walter H. Williams
John L. Wilson
Max E. Whittaker

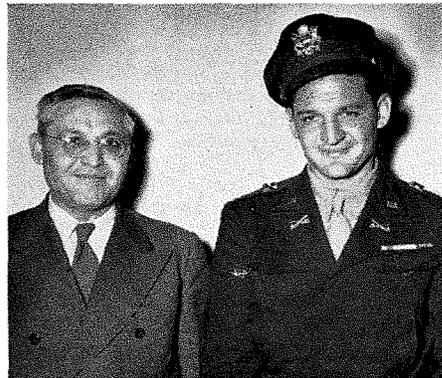
Our boys are coming home—and when they do, they usually stop in to see us. Those men who have been outside the continental United States 19 or more months, have a \$25.00 War Bond, a gift of the Servicemen's Gift Fund waiting for them. The presentation of these bonds by the girls in the office is a service supplied free by *Parade*. Many of these men have been discharged and are working again at AFECO.



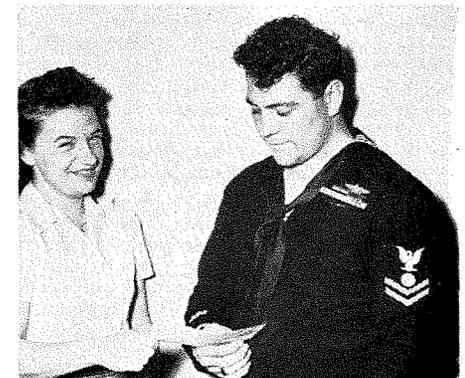
James Hunt, wearing a sleeve full of "Hershey Bars" accepts his War Bond from Betty Claeys. Jim spent most of his time in the European Theatre building bridges with the Army engineer corps. He has now been discharged on points.



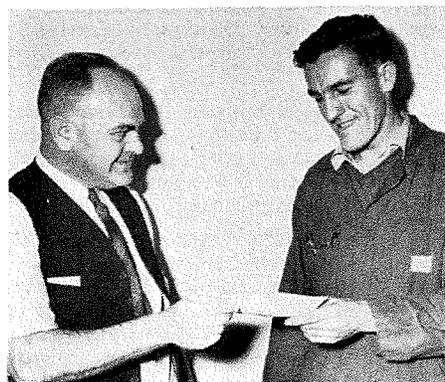
Richard Hathaway, a veteran of the African and European war theatres, now working in the steel shop, receives his war bond from Attea Bronzetti. Dick has a bronze arrow head for participating in the initial invasion of Southern France and Sicily.



Joe Acsai, Sr., and Lt. Joe Acsai, Jr. Although officers are not entitled to Good Conduct ribbons, Joe wears one he was awarded it when he was a Sergeant. He was commissioned a Lieutenant on the battle field in Italy.



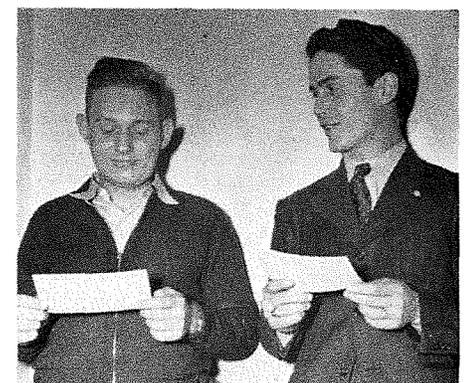
Richard L. Stevenson, EM 2/C, received his bond from Maxine Cary. Dick, who was a submarine sailor, served in the Pacific area. The submarine pin bears three stars denoting three successful engagements or operations.



Harold Garman, former Major in the Army Air Corps, hands a \$25.00 War Bond to Emile DeVreese. Both men have discarded their Army uniforms for working clothes. Emile served in the Asiatic Pacific Theatre and Harold fought the battle of Texas.



Albert Van Den Avyle relaxes after a hard day of seeing those with whom he formerly worked, by putting his feet on the desk. Mel Morris, Al's former boss, and Hope Marvin seem to be more interested in the camera than in Al's unusual position.



Robert Borton, who spent most of his army life with the Air Corps in the Caribbean area looks at his War Bond, while Walter Williams, a former infantryman in the European Theatre, holding his bond, makes a comment on these gifts.

What is That Ribbon For?

Every day many AFECO workers ask what honors and decorations our boys in service have been awarded. To answer these questions *Parade* has sent a questionnaire to all AFECO Servicemen asking them where they trained, with what outfits or divisions they served, the countries visited, and the awards, citations, area ribbons, and number of battle stars they were awarded.

Since our boys include those who are still in basic training camps, those still on active duty and men already discharged, this will make a very interesting story. If you did not receive a questionnaire, tell us and we will send you another one. If you haven't returned your filled-in questionnaire, please do so. It will be appreciated. We will print this information soon in *Parade*. Watch for it!

Julianna Club Notes

Put a red circle around December 18, all you Julianna Club members (all girls of the offices and engineering department) for that's the date of the annual Christmas party. This year it will be held in the Hotel Hoffman, South Bend, with Pat Greene and Margie Frisz in charge. Committees have not been announced yet, but will be soon. As usual plans for decorations and entertainment are a deep secret (but the whispering permits many leaks and the party surely will be as good as last year's, which is still remembered with pleasure.)

* * *

Attea Bronzetti has been elected to the office of Secretary-Treasurer of the Julianna Club. She will fill the unexpired term of Mary Helen Driver, who quit work now that her husband Paul, has been discharged from the Army.

* * *

The Club's Kid Party, held in the Gas Company Rooms, October 23, featured stunts, games and singing. As usual, the Club's version of musical chairs was played too—a very rough game it is, too. Maxine Cary and Jeanne Ellen Brenneman had charge of the party.

* * *

Ralph Austin of the shipping department celebrated his 60th birthday by serving a white birthday cake to his fellow workers.

* * *

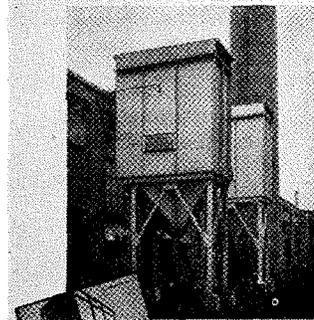
Thelma Biggs of the shipping department was sent a gift of roses from various workers in the factory.

* * *

Joe Velleman and Hank Beal went hunting—Hank got all the rabbits. Joe says the rabbits run toward Hank and away from him—but maybe it is Hank's superior ability with a gun.

* * *

Marvalynn Powell sold his doubled-barrelled shot gun at the beginning of the hunting season—because, after missing two shots at a fox, the gun jammed and the fox got away. The more Marv thought about it, the more disgusted he became—his old single barrelled gun has never failed him.



Dustubes are used by plants like these: Kaiser Industries, Remington Eand, Pratt & Whitney, Dodge-Chicago, National Malleable & Steel Castings Co., Walworth Co., Buick, International Harvester, General Electric, Link-Belt, Bendix, Ford, Wright Aeronautical, Tanken Roller Bearing, Kohler, Allis-Chalmers.

Write today for Dustube Catalog No. 72

You won't find a silver lining in a dust cloud. Not even if you turn it inside out.

For dust is one of the foremost enemies of American industry. Every year damage to expensive equipment and plant facilities by dust costs industry millions of dollars. And the additional money lost through impairment of production efficiency is beyond measure.

If dust storms are taking their toll in your plant let our engineers show you how to quell them inexpensively and thoroughly with a Dustube dust control system.

The Dustube is a simple, cloth bag type filter that combines the three-elements of a good dust collector—high efficiency; simplicity of installation, operation, and inspection; and low operating and maintenance costs. Dustubes are supplied in a wide range of sizes and in types for handling air volumes from 270 C.F.M. up.

Get the complete facts about Dustube Dust Collectors today—write for Catalog 72.

American **dustube**
 FOUNDRY EQUIPMENT CO. DUST COLLECTORS

808 SOUTH STREET, ST. ALBANS, VERMONT

NOT every cloud has a silver lining—especially not a dust cloud. For dust is one of the foremost enemies of American industry. This is particularly true in metalworking industrial plants.

Since the number of dust creating devices in any foundry are many, a great deal of emphasis in AFECO's advertising is directed toward the promotion of Dustube Dust Collectors to that industry. This advertisement, for instance, appeared in a recent *Foundry* magazine, the most widely read publication among foundrymen.

This advertising has a potential audience of many thousands of foundrymen, many of whom will write for the complete facts about Dustubes as found in Catalog 72—which is offered in the ad. It pays to advertise!

Imagineers

WINSON HOUSOUR

Weld the cross piece of the 20 x 27" Wheelabrator Tumblast elevator motor bracket on the inside rather than on the outside. This will eliminate the necessity of grinding the weld.



KARL GERMANN

Make wooden boxes for all plug gauges, these boxes to be so designed as to fit on the machine or work bench. This will reduce damage occurring when the gauges are dropped on a hard surface.



MICHAEL OLIN

That the screw conveyor for the 20 x 27" Wheelabrator Tumblast be rolled in individual lengths. This will eliminate unnecessary welding and permit a better fit on the conveyor roll.



★ ★ ★

Was This Your Idea?

It's A Good One — But The Award Hasn't Been Claimed Yet

4628—Make a fixture so the slot on the locking plate of the Type "M" Sandcutter can be cut on the mill rather than on the shaper.

4700—Make items 2 and 3 on BM 35908 (door angle) out of one piece of bar stock.

5091—Change items 16, 17, 18 and 19 on BM 40905 (loader supporting frame of 48 x 48" Wheelabrator Tumblast) to mitre only, thus eliminating coping these angles.

★ ★ ★

TAKE A CARD

That "Post War World" is still bounded by a hospital bed for many wounded servicemen. Gray Ladies and hospital recreation workers find themselves more welcome than ever to help brighten the tedious hours of convalescence. Good fun are the simple card tricks which call for participation by the patients, but involve no slight-of-hand. Like to learn them? Write to the Association of American Playing Card Manufacturers, 420 Lexington Avenue, New York City 17, for their booklet, "Take A Card".

The Big Idea

With the ending of the war during which time practically every firm's production was sold to the Allied Governments to aid in winning the war, every organization is placed in a position of competing for business—and the organization offering the best product at the best price will be the one that does the business.

During the war suggestions were needed to produce material to place our country on the victorious side, now suggestions are needed to keep American industry in its place at the head of the world in producing more and better products.

Because of this situation, the handling of the AFECO Suggestion System is being changed so that more emphasis will be placed on suggestions that come under the following categories:

Simplification of design.

Simplification of machine operations.

Improvements in product design.

Remember, suggestions not only benefit the suggestor by making his work easier, faster and bringing him cash awards, but they also enable the Company to advance and produce better equipment faster.

What is your idea? Turn it in today.



Machine Shop

Bernard A. Gehl . . . Darrell Dimos . . .
Donald W. Ernst . . . Fred Hawkins . . .
John L. Wilson

Steel Shop

Richard E. Hathaway . . . Levi C. Himes, Jr.
. . . Edgar Mumby . . . Eddie V. Byrd . . .
Russell L. Wade . . . Luther W. Woods . . .
Jack F. Fitzsimmons

Heater Division

Albert Hamman, Jr. . . . Thomas R. Harris
. . . Russell E. Hutchins . . . Paul R. Driver
. . . Robert F. Borton . . . Walter H. Williams
. . . Betty Jean Jordan . . . Vernon Mansell . . .
Richard Kitson . . . Harold S. Holbrook
. . . Harold P. Flowers . . . Everett O. Jones
. . . Ross Billger . . . James F. Dawson

Inspection Department

Edward V. Coleman

Foundry

Fred Fulce

Engineering

George F. Fowler . . . Emile A. DeVreese

Office

Delia Frisoni

Miscellaneous

William A. Ross . . . Ernest G. Frankfather
. . . Jerome F. West

Stockroom

Alice E. Ray . . . Layton L. Wickizer . . .
Rex Neely

Experimental

Ivan C. Karr

WHEN IT IS GOING TO HAPPEN



IN DECEMBER

- 3 Local No. 995—UAW-CIO meeting
Day Shift—5:00 PM
Night Shift—2:30 PM
- 4 Glee Club practice, Hotel Mishawaka—7:00 PM
AFECO Bowling Team No. 1—9:00 PM, Rose Recreation.
AFECO Bowling Team No. 2—9:00 PM, Rose Recreation.
AFECO Bowling Team—6:30 PM, Bowlmore Alleys.
- 6 Athletic Assn. Board meeting—4:30 PM.
AFECO AA Bowling Team — 9:00 PM, Pastime Alleys.
- 10 Credit Union Board meeting—2:00 PM.
- 11 Glee Club practice, Hotel Mishawaka—7:00 PM.
AFECO Bowling Team No. 1—9:00 PM, Rose Recreation.
AFECO Bowling Team No. 2—9:00 PM, Rose Recreation.
AFECO Bowling Team—6:30 PM, Bowlmore Alleys.
- 13 AFECO AA Bowling Team — 9:00 PM, Pastime Alleys.
- 18 Julianna Club Christmas Party—7:00 PM, Hotel Hoffman.
Glee Club Practice, Hotel Mishawaka—7:00 PM.
AFECO Bowling Team No. 1—9:00 PM, Rose Recreation.
AFECO Bowling Team No. 2—9:00 PM, Rose Recreation.
AFECO Bowling Team—6:30 PM, Bowlmore Alleys.
- 20 Athletic Assn. Board meeting—4:30 PM.
AFECO AA Bowling Team — 9:00 PM, Pastime Alleys.
- 27 AFECO AA Bowling Team — 9:00 PM, Pastime Alleys.

WORK

Work!

Thank God for the swing of it,
For the clamoring, hammering ring of it,
Passion of labor daily hurled
On the mighty anvils of the world.
And what is so fierce as the flame of it?
And what so high as the aim of it?
Thundering on through death and doubt,
Calling the plan of the Maker out,
Work, the Titian, Work the friend,
Shaping the earth in a glorious end,
Draining the swamps and blasting the hills.
Doing whatever the spirit wills—
Rending a continent apart,
To answer the dream of the Master's heart.

Thank God for the world where none may shirk—

Thank God for the splendor of work!

—Angela Morgan.

Here's a suggestion for those Christmas Cookies you will be baking very shortly. You can dress up your favorite rolled cookies by pressing a piece of old-fashioned cut glass across the dough after it has been rolled. Then cut to desired shapes and bake.