

The TUBE NEWS

R. B.

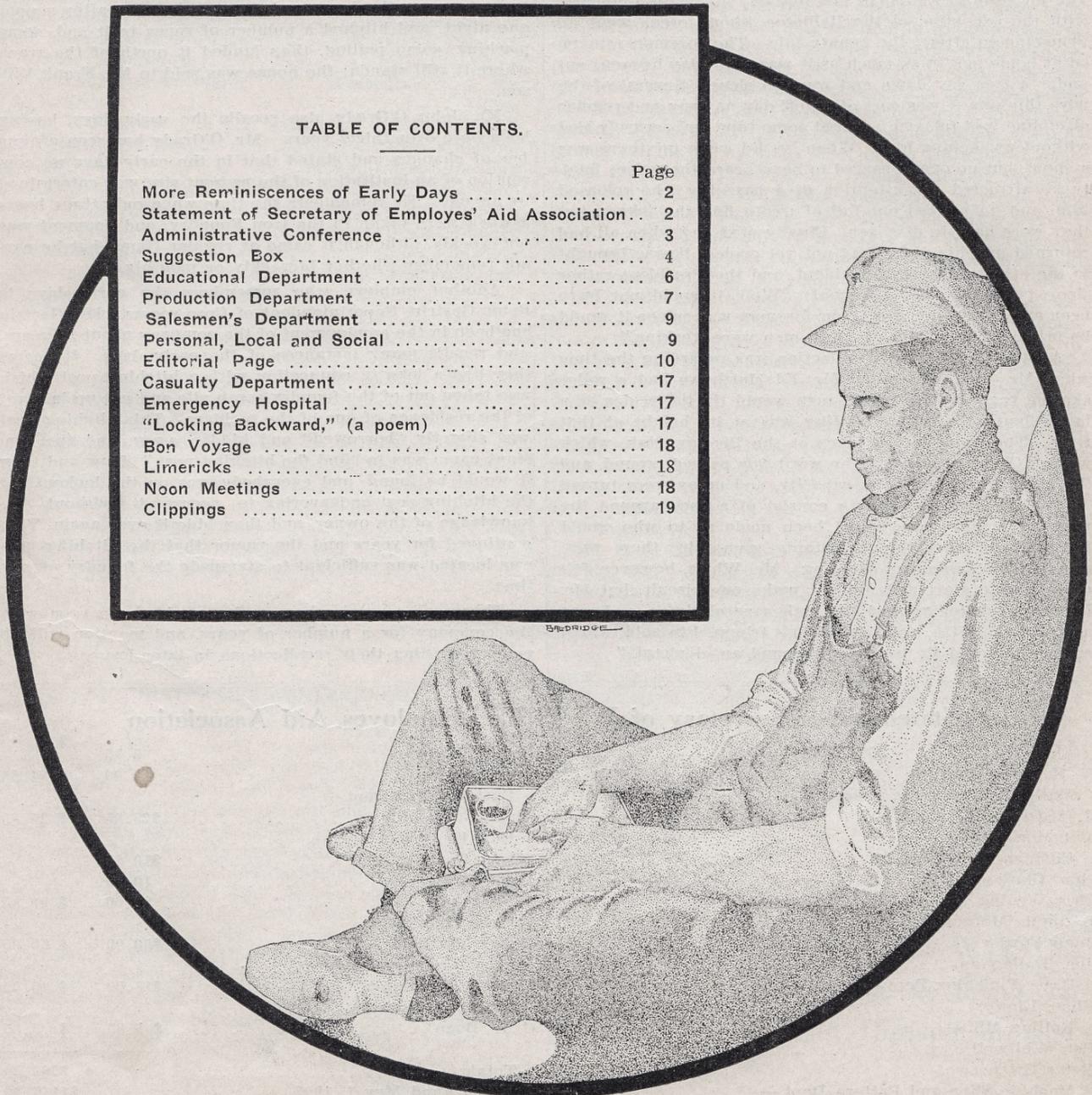
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More Reminiscences of Early Days

The reminiscences published in the last issue of the "Tube News" have stirred the memories of a number of other employes who have been here a considerable length of time, and other circumstances are recalled in connection with the early history of the institution. Among the old employes of this company, may be mentioned Mr. Ed Matthews, who first started work for the company something like thirty years ago. At that time the company only had a few employes, and Mr. Matthews found work in the Radiator Shop. At that time the wrought tube radiator was just being put on the market in connection with the steam heater, which the company was manufacturing.

A rather amusing instance is recalled of those days. The institution was small and one day all of the employes with the exception of the Radiator Shop force, went to Princeton to attend the county fair. The foreman remained at home and in as much as it was a hot day he went out under a tree, lay down and went to sleep. Several of the boys thinking it was sort of an off day anyway and regular discipline was relaxed, secured some rope and securely tied without awakening him. When he did wake up, there was a shout, but no one appeared to have heard the noise; finally he attracted the attention of a passerby who released him, and he started out full of ire to find the jokers, but they were hard to discover. Finally next day when all had returned and his anger had not yet cooled, it was brought to the attention of the President, and the President rather floored him by the statement: "Well, it could not have been any of our men, for if our foreman was asleep it would be prima facie evidence that no men were working."

Another interesting recollection was regarding the time when Mr. Tom White and Mr. Ed Matthews had a roller skating race: both of these men would tip the scales at a large figure, and roller skating was at its height at that time. The contest took place at the Bigelow rink, which was on Chestnut street. The word was passed around, and the place was filled to its capacity, and many were turned away. The contest was to consist of a race around the rink, and many wagers had been made as to who would fall first and when the contestants came in they were greeted with prolonged cheering. Mr. White, however, fell down at the start and did not make one circuit, but Mr. Matthews skated around the rink several times, and was awarded the prize, a red velvet belt trimmed in gold, which as he expressed it, "would go around an elephant."

Mr. Edward (Micky) McGuire, of the Brass Foundry, is another old employe whose recollection goes back to the early days; he started work about 1879, and there are only a few of the present employes who were working here then. Mr. McGuire has seen many changes about the institution and recalls the time when the old office was moved. It appears the institution was growing and required a larger office, hence, purchased a residence, which is a part of the present building occupied by the Employment Bureau and Emergency Hospital. The old office which consisted of but one room, was sold but there was some difficulty in moving it, and after it was up on wheels the word was passed around among the boys, and they came down after supper one night, and hitched a number of ropes to it and, some pushing, some pulling, they landed it north of the track where it still stands; the house was sold to Mr. Frank Wilson.

Mr. John O'Grady also recalls the early days, having been here over thirty years. Mr. O'Grady has seen a number of changes and stated that in the early days no conception of an institution of the present size was entertained by anyone. He remembers the time when only three heats a week were taken in the Iron Foundry, and payment was not weekly, although it came at regular times, but he cannot remember whether bi-weekly or monthly.

Another employe who remembers the early days is Peter Gestrin, Superintendent of Core rooms. Mr. Gestrin has been in the employment of the company about 27 years, and recalls many instances of the early days. It seems they had a joke in connection with a hitching post which was taken out of the foundry scrap pile and put up in front of the residence of one of the molders. This hitching post was secretly "borrowed" and hidden away, and the constant game was to "find the hitching post." Now and then it would be found, and everybody was on the lookout for the hitching post endeavoring to secure it without the knowledge of the owner, and then hide it over again. This continued for years and the rumor that the hitching post was located was sufficient to stampede the foundry at any time.

There are several other employes who have been with the company for a number of years, and mention will be made regarding their recollections in later issues.

Statement of Secretary of W. T. Co. Employes Aid Association

MAY, 1907.

T. H. Jones, services	\$ 12.50		
Malleable Annealing Dept.—			
J. A. Olson	\$ 5.00		
Pat Moriarity	15.00	\$ 20.00	
Fittings Dept.—			
Geo. Clark	\$10.00		
Eric Weding	9.15		
Kenneth Morgan	24.15		
John Fowler	20.00		
Jas. Dallaghan	2.50	\$ 65.80	
Brass Finishing Dept.—			
Chas. Linn	\$ 6.65	\$ 6.65	
Rolling Mill—			
Ben Whitwell	\$ 6.65		
Peter Swanson	22.50	\$ 29.15	
Machine Shop and Pattern Dept.—			
Clemen Boyle	\$ 9.15		
S. W. Turner	15.00		
W. L. Turner	1.65		
Knute Ekstrom	5.85		
Jas. Hogan	50.00	\$ 81.65	
Butt Welding Dept.—			
Chas. Goodrich	\$25.85	\$ 25.85	
Butt Finishing Dept.—			
Albert Fortman	\$10.85		
Louis Terry	10.00		
Fred Lutke	30.00	\$ 50.85	
Carpenters' Dept.—			
Henry Bertholf	\$50.00	\$ 50.00	
Brass Foundry Dept.—			
William Cummings	\$15.00	\$ 15.00	
Malleable Foundry—			
J. W. Bean	\$ 5.85	\$ 5.85	
Totals		\$363.30	
Cash on hand May 1, 1907		\$1117.20	
Receipts for May 1, 1907		17.85	
Total		\$1135.05	

Disbursements\$ 363.30

Balance\$ 771.75

The Association has skipped the following assessments since Jan 1, 1905, January, April, September; in 1906, January, May, June and November; in 1907, January, May, thereby reducing the assessments to the lowest possible limit and still carrying a surplus sufficient to cover all ordinary needs.

About 75 members have been added to the Aid Association through the publicity given it by the Tube News, making about 1020 members at the present time. The fact that no assessment was taken last month makes it impossible to give exact figures.

The balance of \$771.75 does not show the June assessment, now due, which will be about \$350.00, making our surplus \$1121.75, showing a healthy working margin.

T. H. JONES, Secretary.

The directors of the Western Tube Company Employee's Aid Association are as follows:

- Samuel Bradbury, PresidentGrey Iron Foundry
- Oscar Rogers, Vice President.....Malleable Foundry
- T. H. Jones, Secretary Butt Welding
- C. E. McCullough, TreasurerTreasurer W. T. Co.
- C. L. Rowley Office
- Andrew T. Peterson Rolling Mill
- Fred Brown Butt Finishing
- Louis Breems Malleable Annealing
- Louis Odell Machine Shop
- Henry Seifert Fittings
- Pearl Bowen Brass Foundry
- Swan Swanson Brass Finishing

New members have been added to the Association during the month of May as follows.

- Malleable Foundry 19
- Brass Finishing 11
- Wood Pattern 11
- Grey Iron Foundry 9
- Butt Welding 7
- Metal Pattern 5
- Iron Machine Shop 3
- Butt Finishing 3
- Fittings 2
- Brass Foundry 1
- Brass Core Room 1
- Boiler Shop 1
- Malleable Core Room 1

Total 75

* * * *

ADMINISTRATIVE CONFERENCE.

The second conference of the administrative force of the Western Tube Company, was held in Western Tube Co. hall on Monday evening, June 10th. The meeting was called to order by President Hewlett and the minutes of previous meeting were read by Secretary McCullough. No corrections or amendments were offered and the minutes as read were therefore declared to be approved. There being no unfinished business from previous meeting, the regular order was followed and the question of casualty matters was presented. Casualty Manager Rowley read a short resume of the special points which had come up during the month and in closing made the following statement: "More accidents are caused by carelessness than all other causes combined," and he urged upon the superintendents, foremen and sub-foremen, the great desirability of using all the care possible for the prevention of accidents.

The question of eye glasses was mentioned and Superintendent Gamble advised that there was a supply of eye glasses at the General Store Department and any foreman could secure one for any operator on an emery wheel, the

first pair to be supplied free of charge. The question of a special form of glass protection for emery wheels was mentioned and President Hewlett appointed a committee consisting of Messrs. Colton, Wirth and Berg, to investigate and, if possible, adapt this particular method to the various emery wheels about the plant.

Under the head of improvement in quality and in quantity, Superintendent Granlund of the Tapping Department, gave a very interesting talk and went into the history of his department to some extent. He gave figures to evidence his statement that there has been a distinct improvement in the quality of the output from the Tapping Department. His remarks were liberally applauded, and President Hewlett stated that he desired to confirm Mr. Granlund's position, for there has been a very appreciable advance made in the Tapping Department along the lines indicated.

Mr. Peter Gestrine, superintendent of the Core Department, gave a very interesting talk in connection with the improvement which is being made in the methods of core making and outlined some of the changes which have been put into effect, and which had resulted in the improvement of both quality and quantity. His remarks were also received with applause. Mr. Henry Waldorf was then called on and he outlined certain changes and advanced methods with which he had been connected for a number of months and gave figures to prove that a distinct advance in core making methods has been made. He rather humorously referred to the fact that young ladies in the core room are able to make higher wages than heretofore by reason of improved methods and stated he rather thought there would be less fellows coming along and persuading some of our girls to leave a position when the girl was making more money than the young man who made the offer.

Under the head of general business, questions, etc., Mr. Wm. Nokes, of the Brass Foundry, brought up the question of the possibility of changes on molding machines to take care of certain special work, and which matter was referred to a committee consisting of Messrs. Bannister, Wirth and Gamble. Mr. Granlund gave a few figures supplementing his previous remarks. The list of absentees was then read, there being twelve on this list. The meeting was then turned over to the Social Committee and the Tube Quintet rendered a selection, "The Catastrophe." They responded to an encore by singing "Farewell, My Own True Love."

Mr. P. C. Hankins then gave a reading, "Jimmy Butler and the Owl," which was very much enjoyed as evidenced by the liberal applause. The Tube Quintet was again called on and rendered an original selection "Bon Voyage," the words for which appear in another column, same being written in honor of President Hewlett's contemplated trip across the ocean. The tune was quite catchy and inasmuch as all in attendance had been supplied with a copy of the words, by the time the last chorus was sung, practically every one present joined in and the chorus was sung the second time enthusiastically. The meeting then adjourned to meet the second Monday in July.

* * * *

Fill in application blank for W. T. Co. Employees Aid Association as found on back page and give to Director in your department.

SUGGESTION BOX

In this department will be given from month to month items concerning the Suggestion Box, notes regarding suggestions made, and articles showing how suggestions that have been accepted have proven successful in operation.

C. D. TERRY, Associate Editor.

In the consideration of suggestions there are a number of points which count in the award of prizes, and they may be enumerated as follows:

1. Increase in production.
2. Decrease in cost of production.
3. Improvement in quality of product.
4. Safety of employes.
5. Improved working conditions and sanitation.
6. Mental improvement of employes.

In the award of prizes it is necessary to weigh all of the above points, one against the other, and to ascertain as carefully as possible the relative merits and values of each suggestion.

This the committee has endeavored to do in as careful and as just a manner as possible.

Each time the suggestion box is opened, which usually is the first Wednesday of each month, Mr. A. M. Hewlett and the entire committee are present. Then each suggestion is read by Mr. Hewlett and he appoints two or more members of the committee to act as a special committee to investigate the merits of the suggestion.

Later, perhaps a week, or a month or whatever time is necessary, the special committee makes a report to Mr. Hewlett and the general committee. If it has been found that the suggestion has proven worthy of consideration or has been adopted or installed, that suggestion is placed on the list of possible prize winners.

At the end of the six months of the series, another report is made of each of the possible prize winning suggestions and then the debate as to the relative merits begins.

In a plant such as the Western Tube Company with so many different departments and with such a great variety of work, it is no small task to decide the order in which good suggestions shall receive prizes.

For instance, the sixth prize of the third series, awarded to Oscar Bergren of the brass finishing department, for "Hooks for nickel plating," very materially increased the production of that department and was an excellent suggestion.

The first prize of that same series was awarded to F. A. Strickland of the butt welding department, for "Change of drive of buggy carrier, butt welding department."

A careful examination of the past records showed that while this suggestion did not materially increase the production of the furnace in its operation, it did eliminate about fifteen minutes of lost time during each twenty-four hours that the department was making pipe.

Now it is obvious that if fifteen minutes time are gained each day, with an expensive equipment and as a large number of men as are employed on a furnace, the saving to the company is quite an amount, and this proved to be more than that of any of the other suggestions of that series.

So while the sixth or other suggestions were very good suggestions for their respective departments, in the final test, the total gain for the company from the suggestion of Mr. Strickland was found to be more than that of any of the others and consequently he was awarded first prize.

It is not always necessary that the suggestion be adopted in its original form. The suggestion awarded to Patrick W. Moriarity for "Improvements for weighing in malleable annealing department by means of electric cars, weighman, and crane," was not installed in the form which

he suggested. But his suggestion led the operating and engineering departments to consider a re-arrangement of the annealing department which was carried out and which was found to be a more economical arrangement.

Mention is also made of the fact that sometimes a prize winning suggestion is not always immediately installed, as for instance the first prize suggestion of the second series, awarded to Chas. Pittman for "For delivering coal to the furnaces in rolling mill by means of conveyors."

This was a valuable suggestion, but of course involves a large amount of careful and thoughtful work before a practical installation can be worked out, and it may be some time before the engineering department has completed the final plans and is ready to start in with the installation.

We should all keep in mind the fact that Mr. A. M. Hewlett and the judges are endeavoring in as fair a way as possible to determine the relative merits of the various suggestions, and we believe that on a whole their decisions have been satisfactory.

The interest in the suggestion box is increasing as is shown by the number of suggestions already submitted on the fourth series (143), which is about twice the number received during the previous three months.

A list of these suggestions is given below:

Fourth Series.

Suggestion Box Opened May 8th, 1907.

1. Brass throttle cock valve for piston air drill.
2. Magnetic separator for nails from cores.
3. Sand conveying elevator for core machines.
4. Notification of prompt delivery of finished material.
5. Larger machine for small sockets.
6. To appraise foremen of employe's wages.
7. Improved chuck blocks for union rings.
8. Thickness planer for pattern shop.
9. To use termint for casting repairs.
10. Safety appliance for pipe trough.
11. To distinguish master patterns by monogram.
12. Shield for man taking off tongs (B. W. Dept.)
13. Larger cars for nipples to machine shop.
14. Small conveyor under hot sand conveyor (M. I. Fdry.)
15. Trolley from packing room to core room.
16. Combination tool for tops of Ex. Hy. cocks.
17. Conveyor for plates from packing room to core rooms.
18. Convey blank fittings to bins 2nd floor (Malleable.)
19. Elevator for chips from basement to cars. Mach shop.
20. Extend ventilators on M. I. Fdry. to extreme east end same kind for G. I. Foundry.
21. Improved tool for check patterns (M. P.)
22. Chute from G. I. Fdry. core room to waste sand conveyor.
23. Iron, instead of wood, bushings in core boxes—fastened with screws.
24. Lowering bridge wall in brass melting furnaces, and putting tile in roof of furnace.
25. Another magnetic separator (like No. 2, but no sketch.)
26. Grinders to sort out hard iron scrap (instead of sorters on conveyor.)
27. To reverse laps (on stacks) in joints.
28. Stack from tempering furnaces (Mach. shop) to top building.
29. Coal and ashes conveyor for scrap mill furnaces.
30. Portable conveyor and elevator for sand, ashes, etc.
31. Merry-go-round conveyor for Brass Fdry. core room.
32. Steam cylinder instead of crank motion of reciprocating conveyors (M. I. Fdry.)
33. Mule stand instead of level grass (East drive M. I. Fdry.)
34. Extend elevator track from No. 1 B. H. to gas battery.
35. Portable conveyor from sand shed to core room (M. I. Fdry.)
36. To make thread chamber in core boxes.
37. Two story pattern storage bldg. south of G. I. Fdry.

38. Conveyor with revolving holders for sand blast work.
39. To save mild steel from scrap—for forgings.
40. Conveyor for blooms from steel hammers.
41. Improved hook for attaching tackle to stacks.
42. Improved core packing boxes.
43. Exhaust head on boiler shop.
44. Portable jib crane on motor car for handling larger castings.
45. To adopt 13 (instead of 12) threads per inch on ½ inch rods as standard.
46. Elevator at N. W. Cor. Socket Dept. to handle refuse into cars.
47. Chute to check fall of nipples from 2nd floor nipple shop.
48. To mold Kewanee Union threads double.
49. Shield for 100 ft. crane at south end to protect wiring.
50. Crank to reverse motor shaft on tong carrier.
51. Drilling table, when drilling larger pieces of steel.
52. Separator (magnetic) for iron from scale—scrap mill.
53. (G. I. Fdry. Core room) same as No. 22 but more comprehensive.
54. Breaking in machines for taps and dies in tool room Pr. Fin. Dept.
55. Improved hooks for nickle plating.
56. To put lugs in special core boxes for brass Kewanee Unions.
57. Ditches and cisterns in basement floor to save oil and water.
58. Cover over viaduct to prevent accidents on slippery days.
59. Same as No. 17.
60. Marking fluid for boxes—recipe.
61. Drain for water from iron chips.
62. Ice factory.
63. Installation of washer making machine.
64. Air compressor, 2nd floor machine shop.
65. Move gas producers north of R. R. track.
66. Iron fastening of branch core boxes.
67. Railing around No. 6 machine pulley.
68. Publication of pay day bulletin in Tube News.
69. Central Air Compressing plant.
70. Shields on gears of tapping machines.
71. Motors for certain repair tools.
72. Re-slotting old National rings for case die rings.
73. Snap-off die instead solid on large bushing machine.
74. Central stack for gas producers.
75. Outside collars on countershafts.
76. Device to replace middle man, butt weld department.
77. Clutch pulleys for square pipe saws.
78. Annual outing of employes.
79. Automatic nipple reaming machine.
80. Protection of stairways.
81. Guard around dust collector.
82. Removal of electric wires from vicinity of fire escapes.
83. Protection of viaduct.
84. Change of working hours of main office for Saturday.
85. Safety device at floors at elevator openings.
86. Motor car for butt welding department.
87. Netting under ladder to roof of machine shop.
88. Shield at roller welding machines.
89. Automatic hold up at scrap mill hot shears.
90. Magnetic fitting holder for chucks.
91. Magnetic scrap unloader.
92. Metal letters for patterns.
93. Conveyor for loading iron chips.
94. Protection of Automatic cut offs.
95. Cleaning all machines before sending to repair shop.
96. Reorganization of Nipple Dept.
97. Safety device for waste sand spout G. I. Fdry.
98. Suggestion for catching brass dust.
99. Device for seating gate valves.
100. Scale conveyor under scrap mill rolls.
101. Skelp turner.
102. Skelp turner.
103. Self dumping scrap pipe car.
104. Improvement for cock grinding machine.
105. Safety device for second pass roll machines.
106. "First aid to injured" package.
107. Disposal of shavings from wood pattern dept.
108. Trolley in butt weld machine shop.
109. Stronger counter shafts in union dept.
110. Safety device for countershaft pulleys.
111. Guard under No. 8 conveyor.
112. Additional drinking fountains.
113. Additional membership on awarding committee.
114. Bending Rolls for Sheet Metal Dept.
115. Soldering drive well points.
116. Octagon fitting.
117. Paved floor in butt finishing mill.
118. Enlarging opening in cock wrenches.
119. Automatic feed for drive point punch.
120. Hand cut-offs instead of automatic cut-offs.
121. Change in amount of prizes.
122. Oil catching device for tong carriers.
123. Change of guy post of G. I. Foundry stack.
124. Pipe for male end of ball joint union.
125. Plan for saving oil, butt finishing dept.
126. Track for delivering socket iron.
127. Double head nipple machine for Saunder's heads.
128. Suggestion for grinding die chases with emery discs.
129. Gauge for countersinking well points.
130. Unloading scrap with magnet.
131. Premiums for clean benches and machines.
132. Department to make hammer and sledge handles.
134. Printing department.
135. Conveyor for core plates.
136. Conveyor for bends at scrap mill bender.
137. Scrap car for socket department.
138. Conveyor for squeezer scale.
139. General lunch room.
140. Waste sand conveyor under dumping conveyor.
141. Setting of galvanizing pot.
142. Guard for tong carrier.
143. Helper for planer hand.

In going through the above suggestions the committee has noted the fact that a large number of the suggestions are turned in without very much thought having been put on them, that they are not definite enough in the statement as to how the suggestion is to be worked out. This throws a large amount of work upon the committee, and they would state that the more fully the suggestion is worked out and the more details of construction that are given with the suggestion, the more apt that suggestion is to receive a prize.

Suggestions that are not altogether worked out are also desirable, but the more fully the idea is worked out, the easier it is for the committee to determine the value of the suggestion.

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The Suggestion Box offers prizes for best suggested improvements. It is to your advantage to make use of it.

Educational Department

It will be the purpose of this department to give to the readers of "The Tube News" some knowledge of the present state of the arts which have a bearing on manufacturing generally, and on such manufacturing as carried on by The Western Tube Company in particular.

Unless in answer to some specific question, purely scientific or mathematical discussions will be avoided.

New discoveries in science, or new applications of mechanical principles, as far as possible, will be touched upon according to what is considered to be their practical local value.

Proper questions, having reference to some problem or difficulty actually encountered in the works, or in the studies of a workman will be gladly received and answered if possible.

All communications and questions should be addressed to the Editor, Educational Department, Tube News, and dropped in box provided for that purpose, at the corner of Employment Bureau Building.

J. C. BANNISTER, Associate Editor.

The Editor of this department finds himself entirely without any indication of what matters would be of interest if discussed in these columns. That is to say, that the operating departments have so far failed to indicate, by question or otherwise, that a single problem has arisen during the past month. It can hardly be credited that not a single individual in this entire plant has had a difficulty arising in the course of his work, involving some technical point not clearly understood. It is also hard to believe that every foreman or superintendent has been able to answer the thousand and one questions which are sure to come up, both to his own satisfaction and that of the operative who appeals for information. It is not meant to be implied that this department is encyclopedic in its ability to answer questions; but there is no question to which there is not an answer, and if the answer cannot be found from the sources at hand, we will scour the world for some one who has it. In the meantime, it would be of great assistance to know what subjects are of interest to departments or individuals, so that such matters may be taken up for general enlightenment.

One question only has been submitted, and that comes from the office.

Question:—Kindly advise how to arrive at the thickness of a pipe of given size and weight. For instance, a customer inquires for some 1 in. pipe to weigh 2 lbs. per foot, and I am at a loss to know how to arrive at the thickness. Please state reply in the shape of a formula.

Answer:—In this problem, let W equal the weight per foot as given; w equals the weight per cu. in. of material of which pipe is to be made; D equals the external diameter of pipe as specified; and t equals the required thickness.

If D equals external diam., it is evident that $D-2t$ equals internal diam.

Then the sectional area of the pipe will be

$$.7854D^2 - [.7854(D-2t)^2]$$

and the weight per ft. (W.) will be

$$[.7854D^2 - [.7854(D-2t)^2]] \times 12 \times w$$

if D, t and w are expressed in terms of inches.

As an equation this becomes:

$$W = 9.4248w [D^2 - (D-2t)^2]$$

in which all quantities are known except t. Resolving this equation, we have:

$$t = \frac{1}{2} \left[D - \sqrt{D^2 - \frac{W}{9.4248w}} \right]$$

which would be true of any hollow cylinder. In the case of wrought iron or steel pipe, w may be assumed as .27779 lbs., in which case

$$t = \frac{1}{2} \left[D - \sqrt{D^2 - \frac{W}{2.619}} \right]$$

Then, in the case proposed, of 1 in. pipe weighing 2 lbs. per ft., we may substitute 1.315 for D, and 2 for W, and the equation becomes

$$t = \frac{1}{2} \left[1.315 - \sqrt{1.73 - .753} \right]$$

$$t = .166''$$

--:--:--

Quoting from an address delivered by Dr. James Douglas at Columbia University, the Iron Trade Review prints the following in its issue of May 16th:

We can best appreciate the part the railroad has played in the industrial progress, made by this country, by comparison with one of our industrial rivals—England, for example. The railroad, as a factor in commercial life, came into existence on both sides of the Atlantic in 1830, when the Liverpool and Manchester railroad ran its first train, and Peter Cooper's "Tom Thumb," the first locomotive built in America, drew a car upon rails out of Baltimore. We have no record of the miles of track in 1830, but several short sketches of railroad in New York, New Jersey, Pennsylvania, Vermont and North Carolina, in 1831, added together, gave a length of only ninety-five miles.

But mining and metallurgical operations were much more active on the little island than on our big continent. When the railroad arrived to assist in reversing the industrial status, the insular position and the configuration of Great Britain enabled her to take advantage of her mineral resources; while our population, scattered even then over almost half our section of the continent, with a few canals or no really cheap means of intercourse or transportation, could not have built up any large metallurgical enterprise, no matter what the natural resources might be.

England's production of pig iron was then 677,417 tons, but the success of the Liverpool and Manchester railroad created a railroad building mania so acute that before 1840, 299 acts, authorizing the construction of 3,000 miles of railroad had been passed by, or were before, parliament; but the 3,000 miles had not been actually built. The stimulus thus given to the iron trade was, however, such that the production of iron rose in 1840 to 1,396,400 tons. We thus get the first example of the tremendous reciprocal influence which railroads have exerted upon the iron trade.

Here, once started, our progress in railroad building was rapid, for by 1840 we had 2,818 miles of road in actual operation, or more than England. But in 1830, when neither country possessed facilities for inland transportation, England far surpassed us in metal production. There were, as I have said, produced in Great Britain 678,417 tons of pig iron. She mined about 50,000 tons of coal, made 11,500 tons of copper, about 58,000 tons of lead, and 4,400 tons of tin. Since then her railroad mileage has increased to 22,700, her production of pig iron to \$,000,000 tons, her lead production, however, has declined to 20,000 tons, her production of copper has become a negligible quantity, and her tin production has not increased.

Meanwhile our railroad mileage has grown to 212,000, as against 23 miles in 1830; our pig iron production (1905) from 135,940 tons to 22,992,380 tons; our coal from 209,000 to 314,562,880 tons; our copper from nothing to 462,000 tons, and our lead from 10,000 to 322,886 tons.

* * * *

Some time ago one of the firemen in a boiler house of this company suggested seriously that a great saving could be effected by putting the ashes from the furnaces back into the fire.

On this subject the June issue of Power says:

If one wanted to think out an expression which would suggest the absolutely ridiculously impossible, what better could he hit upon than "burning ashes?" Ash represents the acme of incombustibility, the dross of the coal pile

which is left when everything combustible has been burned out.

To talk of burning ashes is as absurd as to talk of burning water, or shoveling smoke, or eating air.

And yet since our article upon the subject under the title of "Bread from Brickbats" in the last issue appeared the country seems to have gone crazy upon the subject. An Altoona cobbler announced that after a lifetime devoted to the development of an idea bequeathed to him by his father he had discovered a combination of chemicals which, sprinkled upon a mixture of one part of ashes to two parts of coal, would endow the mixture with heat-producing properties exceeding those of an equal amount of pure coal. The magic compound was afterward announced to consist of common salt, oxalic acid and water; and the number of engineers, who, with affectations of skepticism but still with a sufficient credence in the possibilities or the thing to try it out, have cleaned out the kitchen salt box and exhausted the corner druggist's supply of oxalic acid, would make an astounding list if they could be known. One of them, when asked how he came out, replied that it made "hell's own fire," but it took him all the afternoon to chip the clinkers out of the grate.

Production Department

The object of this department is to chronicle all increases in the output which may occur from time to time in the various departments of the company—the aim being to give credit for achievement in this line wherever it is due.

F. L. PINKHAM, Associate Editor.

During the month of May five new high records were established, and eight other departments show efficiency ratings of over 90.

This showing is quite gratifying to the management indicating, as it does, good work on the part of the productive force, also that the possibilities of our equipment have by no means been exhausted.

LIST OF PRODUCING DEPARTMENTS RANKED ACCORDING TO THE PRODUCTIVE EFFICIENCY DURING THE MONTH OF MAY:

Departments, Etc.	Rank.	Rating.
Malleable Annealing Department	1	113.09
Scrap Mill	2	102.64
Butt Welding Furnace No. 1	3	102.51
Re-treating Plant	4	101.95
Skelp Finishing Mill No. 2	5	99.73
Skelp Finishing Mill No. 3	6	97.57
Galvanizing Fittings, Etc.,	7	96.89
Tapping Department	8	95.82
Malleable Iron Foundry	9	92.82
Skelp Finishing Mill No. 1	10	92.60
Japanning Department	11	91.48
Iron Body Valve Department	12	90.38
Butt Welding Furnace No. 3	13	84.67
Galvanizing Pipe	14	83.48
Erass Foundry	15	83.18
Socket Department, Welding	16	82.35
Nipple Department (Finishing)	17	82.21
Brass Finishing Department	18	81.93
Drive Well Point Department	19	81.09
Fagot Department	20	81.03
Butt Finishing Mill	21	80.47
Union Department	22	79.41
Socket Department, Finishing	23	76.74
Forge Department	24	74.78
Nipple Department (Blanks)	25	73.63
Grey Iron Foundry	*26	72.05
Butt Welding Furnace No. 2	*27	70.07
Butt Welding Furnace No. 4	*28	65.55

Socket Department, Bending	29	59.43
Iron Cock Department	30	57.37

*Output affected by causes beyond control of operating force.

The above ratings show how the production for the month compares with the best previous record in the same department, and the department making the best showing as against its own previous record stands at the head of the list.

Under this scheme the smallest department has the same opportunity to head the list as the largest one, since the comparison for the month is based on a standard established by the department itself.

Ratings of over 100 will, of course, indicate the establishing of new high records by the departments securing the same.

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ANNEALING DEPARTMENT.

The Annealing Department heads the procession taking first rank as the department making the best showing as against its own previous record. The new record established is over 13 per cent in advance of the former high record.

* * * *

SKELP FINISHING DEPARTMENT.

The Skelp Finishing Mills show a combined production of over 1 per cent greater than the record established in April. It will be noted that while none of these mills broke individual monthly records each one came very close to its best previous record indicating a high degree of efficiency throughout the department.

Skelp Finishing Mill No. 1 established a new 24 hours record on May 23, breaking the old record by over 9 per cent.

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BUTT WELDING DEPARTMENT.

A new monthly record has been established by the crews of Pipe Welding Furnace No. 1. Welders—Whitney and Ameter, and Cox and Forrest. This furnace shows an increase of more than 2½ per cent over its best previous output.

On May 1st No. 1 Pipe Welding Furnace established a new 24 hour record. Welders—Whitney & Ameter and Cox & Forrest.

The same furnace on day turn of May 2nd established a new record on 2-inch pipe—beating the old record by over 3 per cent. Welders—Whitney & Ameter.

The same furnace on May 2nd established another 24 hour record by beating the record established on the 1st by over 5 per cent. Welders—Whitney & Ameter and Atkinson & Hayden.

The same furnace on May 3rd again broke the 24 hour record, establishing on the 2nd, by over 10 per cent. Welders—Whitney & Ameter and Atkinson & Hayden.

The same furnace on day turn May 3rd established a new record for 2 inch pipe, breaking the best previous record by over 1 per cent. Welders—Whitney & Ameter.

The night crew on the same furnace broke the record established on day turn by nearly 2½ per cent. Welders—Atkinson & Hayden.

Following is a list of the five turns in the Pipe Welding Department making the smallest percentages of scrap during the month.

These turns are ranked in the order of merit, for instance—Behnke & McBeth having made the smallest percentage of scrap, rank first on the list.

Welders.	Furnace No.	Rank.
Behnke & McBeth	2	1
Atkinson & Hayden	2	2
Cox & Forrest	1	3
Bryner & Smith	4	4
McKinney & Agnew	4	5

SCRAP MILL.

The Scrap Mill established a new record over 2½ per cent in advance of the former record output.

The following mentioned are the five bushelers showing the smallest loss in iron during the month.

Name.	Rank.
Bailey Reese	1
Emil Landus	2
Jake Schroeder	3
Bert McFaddin	4
Robert Hodge	5

RE-TREATING PLANT.

This department has also established a new record by producing almost 2 per cent more than in any previous month.

* * * *

MALLEABLE FOUNDRY.

The following new records were established in the Malleable Foundry:

No. 1 Machine on May 6th showed an increase of over 6 per cent better than the best previous record.

Operator—Alfons Dankart.
Carrier—Camille Simmons.
Carrier—Edward Johnson.
Core Setter—Peter Kaufman.

No. 1J Machine on May 22nd established a new record, 15 per cent in advance of the best previous effort.

Operator—Albin Redin.
Carrier—Dominick Chilowsky.
Core Setter—Clifford Barton.

No. 13 Machine on May 8th also established a new record by a small margin.

Operator—Edward Dierecke.
Carrier—Michael Rick.
Core Setter—Frank Miller.

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TOOL MAKING DEPARTMENT.

The Tool Making Department, under Oscar Berg, made several new records. August Gross holds the record for Hobbing dies, having beaten the best previous record by 13 per cent.

Franz Szabo holds the record for relieving 3-4 inch taps, having broken the best previous record by about 40 per cent.

George Jackson holds the record for Milling 1-4 inch taps by beating the best previous record over 8 per cent.

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OFFICE.

The Sales, Order, Shipping, Billing and Bookkeeping Departments displayed some good team work during the month with the result that all the invoices for the month were completed at noon, June 1st, and statements were ready to mail customers on the evening of June 4th.

A comparison of the number of errors made by the Billings Department in May, with those made in March shows a 20 per cent improvement and as compared with April, an improvement of over 1 per cent.

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NEW COOKER IN NIPPLE DEPARTMENT.

Mr. Granlund reports that the new cooker recently installed in the Nipple Department is a great relief to the Tapping Department.

The new cooker is turning out nipples in fine condition and their improved appearance is being quite favorably commented on.

ECONOMY IN PRODUCTION.

Production in the metal industries, and the term applies equally to the output of the Blast Furnace, the Rolling Mill, the Foundry or the Lathe, naturally falls into three great divisions—these are:

The production of the crude material by smelting or reducing ores to a product advanced one step from its natural state, such as Pig Iron, Pig Copper, Pig Lead, Pig Tin, Spelter, etc., etc.

The intermediate processes, which consist of fashioning this crude material into forms such as Sheets, Plates, Bars, Tubes, Castings, etc., which are to undergo further finishing operations.

The finishing and fabricating of these forms into finished articles of commerce useful in the arts and sciences.

In these processes many manufacturing losses occur, and these may be conveniently grouped under the following headings:

First—Those caused by subjecting materials to high temperatures to melt or render them plastic.

Some metals when subjected to high temperatures throw off impurities which were held in combination with the metals, and indeed this refining process is often induced by bringing the molten metal in contact with materials for which these impurities have a greater affinity than they have for the metal with which they were originally in combination. This is one reason why the foundryman is unable to get as many pounds of molten metal from the melting furnaces, or cupola, as there has been pig iron charged into it.

Other metals, such as zinc, when subjected to high temperatures are oxidized and disappear in the form of vapor. You will observe an instance of this in the white "smoke" arising from the stack at the Brass Foundry, and at the same time you will realize that this "smoke" represents so many pounds of zinc "gone up the flue."

Wrought Iron and Steel in the shape of Bars, Plates, Billets, Scrap, etc., suffer a surprising diminution in weight when subjected to the temperatures necessary to prepare them for the rolls. This loss in weight is, of course, largely accounted for by the iron shown by chemical analysis to be contained in cinder from the furnaces, but this by-product, while containing possibly 50 or 60 per cent metallic iron, is of very small commercial value and the amount received for it is very little in excess of the cost of loading into cars for shipment.

All of these materials when reduced to a molten, or plastic state, freely combine with oxygen from the air and form oxides, of which common examples are roll scale and zinc oxide, and those must undergo another smelting in order to again become the Pig Iron and Spelter of commerce.

These wasting losses inherent in various heating processes, cannot be entirely prevented, but by careful attention they can be kept down to the minimum and if this is done, the manufacturer knows he is no worse off in respect to them than is his ablest competitor.

Second.—Those losses, due to wasteful use of materials, resulting in large percentages of "crop ends", "gates and sprue", and "borings and turnings", the workman has little or no control over, as the size of the billet or the design of the casting are matters usually outside his jurisdiction, but proper interest in his work and consideration for his employers' interests will cause him to call the attention of his superintendent to any instances of apparent wasteful use of material which may come to his notice and thus assist in stopping what might be a serious leak.

Third—Those losses due to defective material and bad workmanship, against which a constant warfare is, or ought to be, waged by the entire producing force of the factory. We give below some of the heads under which defective material is classified, in the attempt to locate and remedy the causes which tend to reduce production by relegating

to the scrap pile, material which otherwise would be a source of profit:

Sliders	Cut from Metal
Bad Edges	Crooked Core
Cobbles	Scraped
Burned	Crooked Thread
Stickers	Rough Thread
Seams	Wide Thread
Bisters	Cross Thread
Splits	Flat Thread
Rough,	Rotten Thread
Sand Holes	Broken Thread
Core Blow	Unclear
Crushed	Seated Deep
Blowed	Mutilated
Run Out	Bad Boring
Shifted	Faced Crooked
Cracked	Cut Large
Scabby	Leaky
Core Cut	Laminated

A decrease in the percentage of scrap arising from these causes affects the factory doubly:

First: It means a reduction in costs.

Second: It means a greater output of saleable materials on which to make a profit.

Obviously the factory which will run in good times and bad times, the factory that will keep its workmen busy when other factories are closing their doors, the factory that will expand and cause the city about it to expand with it, the factory that will offer greater opportunity to its employes will (other things being equal) be the factory that has the smallest percentage of its output classified under these headings.

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SALESMEN'S DEPARTMENT.

Notes Regarding the Coming Salesmen's Conference.

A LA TOWN TOPICS BY "JOSS".

There is a rumor that Mr. Olin will be able to surprise the natives by a display of New York hosiery and a change of apparel three times daily and Kewanee will do him proud. Some jealous citizen has claimed that he is going to wear a toupee and also an eye glass, but these last two items, the editor doubts, as he knows, with the usual activity of Mr. Olin's grey matter, he could not keep a toupee on straight and his cherubim smile would cause him to drop the eye glass.

Good old Burke claims that Whitehead arranged for his room and "Bath" last November for the June meeting and we further understand that Mr. Burke has made several alterations for our good Edgar's convenience; taking out several walls and putting in several brass fans, so that Edgar may rest at length and in peace. We, however, feel that this unusual degree of comfort may culminate in Edgar's having a continuous bath and neglecting the importance of the meeting.

We understand that Mr. Higinbotham is coming from the East with many shining medals, as to specialties though, judging from the bright eyes turning toward New York from Kewanee, we will have but fleeting views of him.

We have heard our dear friend, Mr. Cramb, got into serious trouble in Cleveland; while visiting a nice family, seated on the sofa with a very pleasant young lady, he, for the moment, forgot himself and said something about "our union;" the lady at once said, "this is so sudden," and Cramb hardly knows how to get out of it.

There is a report that the department of publicity, from its head, is likely to make a very important speech; this may tie us over another day.

Mr. Carr, of the Claim Department, we understand, is going to have charge of the moving picture exhibit and has got up a fine line of films showing, from the earliest days, the various forms of knockers down to a push button.

Naturally, poor Butler waits.

We learn that there has been a complaint from the delegation to Jamestown that they could not see the bay, owing to the high stakes.

Henry Nelson is due with his usual amount of erudition and we may only warn him that at the last meeting his association with Edgar looked to some people to be like a slight flirtation.

Understand Campbell, the pessimist, will also attend.

We understand Ed Orr is having a waistcoat built that will deceive the inhabitants into a belief that at last the Kewanee Boiler Company have competition.

A number of Bob Wolcott's old friends have formed a little club for the occasion of his visit, when Bob will talk at some length, his subject being, "My first six months on the road," and it has already been definitely stated that reporters will be excluded.

It is reported that Sales Agent Fowle will be present. The rumor had not been confirmed up to the time the "Tube News" went to press.

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 * **Personal, Local and Social** *
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HARRY ELLIOTT, Associate Editor.

BRASS FINISHING DEPARTMENT.

Perry Hott, Reporter.

Mr. Charley Cotton returned to work May 13th after a few days of sickness.

Mr. Clinton Martin returned from Chicago May 22d and went to work the next day at the same job he had before leaving the Brass Finishing Department.

Mr. Charley Metzker was sick for a few days, but is able to be at work again.

This department has added a new shaper to the machinists corner.

Mr. Chas. Numrally, who went to Texas about two month ago returned the middle of last month and is working on the conveyor in this department.

Mr. Perry Hott and family, returned May 28th, after spending a few days visiting with relatives near Bushnell, Ill.

Mr. Elvis Engle was transferred from the monitor machine to stock keeping under Jack Corcorn in this department.

Mr. Peter Monson is to be found employed oiling in this department again.

Mr. Fred Exby spent a few days of last month visiting at Altona.

Mr. Gotfried Johnson and his brother arrived here from Sweden the latter part of last month and are both employed in this department. Mr. Johnson states that he would not have come back to this country, but for his brother, who wanted to see America. Their intentions are to stay here for about two years.

The line shaft on the north side of this department did not start until ten minutes of eight the morning of May 31. The trouble was due to the clutch on the jack shaft being broken.

A little bird whispers the specialty agents have in preparation for the entertainment of officials, etc., a short one act sketch suggested by a well known novel of last century entitled "Great Expectations."

THE TUBE NEWS

L. F. HAMILTON Editor-in-Chief
 ASSOCIATE EDITORS.

J. C. Bannister Educational Department
 C. D. Terry Suggestion Box
 F. L. Pinkham Production Department
 Chas. L. Rowley Casualty Department
 Harry Elliott Local, Personal and Social Department

Published monthly by The Western Tube Company in the interests of employes of the company for the reason that the company believes whatever is for the interests of the employes should be and is of interest to the company. One copy is given free to every employe of the company.

A "Tube News Box" has been placed at the corner of the Employment Bureau building in a very accessible position and in it can be deposited all communications including news from departments, questions for the Educational Department and in fact any matters pertaining to this paper. It is hoped that all will make free use of the box.

The "Suggestion Box" is growing in favor as evidenced by the fact that when last opened there were about twice as many suggestions found as during the previous period. This box offers the opportunity to all employes to suggest such changes as might in their opinion appear advantageous to the company. Familiarity with any line of work or machine undoubtedly will enable one to suggest certain changes which can be made with advantages, many of which might not occur to a person not in close and intimate touch with the work. The prizes are given as an incentive to make such suggestions and the increasing number indicates a growing interest in this method of mutual benefit to the employes and the company.

Elsewhere in this issue is noted the present status of the Western Tube Co. Employee's Aid Association and the Directors certainly can feel a pardonable pride in the present condition of the Treasury of that organization. About 75 new members have been added to the rolls during the month of May making a total of over 1,000. The Association offers insurance at net cost and it will be noted for the last few years the full 12 monthly assessments have not been made. When the treasury contains more than \$1000 it has been customary for the directors to pass a monthly assessment and during 1905—three monthly assessments were passed, during 1906 four and during 1907, two have been omitted already—namely, January and May. The dues, 35c per month, are very low, and when it is remembered that the association gives sick benefit insurance at net cost all employes should make this insurance their own. Among the new members enrolled this month, one became a member because his father (not an employe of the Western Tube Co), had read in the "Tube News" regarding the Aid Association and wrote a note to the department foreman requesting that the boy be enrolled. This indicates a recognition of the merits of the association on the part of non-employes (for only employes are eligible to membership.) We therefore urge upon all who are not members that they read the article in another column giving the present condition of the treasury and fill out the application blank printed there and hand it to the director in their department.

The Malleable Foundry with 19 new members heads the list for May. What department will head the June list?

ROLLING MILL.

Leslie Howe, Reporter.

Mike Clifford is enjoying a two months' vacation in the old country, he writes back, "There is nothing too good for the Irish."

Fred Bartlett lost two turns last week, owing to a bad flash in the eye.

Well I guess No. 1 Mill didn't crack it to that 4 1-2 steel billet for a couple of turns, eh?

Van on No. 1 Mill has got "Bat" Nelson skinned a hundred ways on writing base ball news.

The boys are all glad to get back on the ten hour system. Too much work is a plenty.

The Rolling Finishing Mill Base Ball team put the power to the Muck Mill team so strong that they wouldn't ride home on the same car with the finishers.

The Hammer Furnace started work Monday, 9th, after being off a week for repairs.

The report comes from Mt. Pleasant, Iowa, that Walter Thompson, a former employe of the Western Tube Co., was severely injured in a ball game, as a result of a collision between himself and another player on the diamond. The doctors state that there is a concussion of the brain and it may be some time before Mr. Thompson is able to be up.

In an exciting game held across the track on the Boss diamond, the rolling mill team met defeat at the hands of the Boss boys. At the most exciting moment of the game, score 2 to 2, Bunk, the hard hitting office boy of the Rolling Mill aggregation, came to bat for the last time. The fans breathed easily for the first time in the game. Bunk became the cynosure of all eyes, each loyal supporter expecting him to win the game then and there. But alas, poor Bunk but feebly fanned the air three times. Great gloom in the ranks of the Rolling Mill office boys, but cheer up, Bunk, for we know you will show them the goods the next time.

No. 2 Mill, which has been off for some time owing to a defective crab, started up again Tuesday.

Walter Jackson, who has been down with the rheumatism for the past three months, has returned to work in the mill.

The Rolling Mill have organized a new base ball team and have ordered new suits. On Saturday, the 9th, they met the Muck Mill aggregation and defeated them by a score of 18 to 9, after a hotly contested game.

Flashes From the Rolls.

Old age should always haf our respect mit der eggsception of a spring chicken.

Der meaning of vorry is to go through a lot of troubles vich nefer happen.

Clothes doan'd make der man, but dey help der man to make his bluff.

If ve all receife vot ye dink ve deserf dere would be nudding left for der udder fellow.

Der trouble mit der man mit too much "go" in him is dot he nefer stops ven he gets dare.

Der man dot has so much money he doan'd know vot to do mit it chenerally does it.

Der man dot hits tis t'umb und says "Much obliged?" mitoud swearing is a good choke on der recording angel."

* * * *

PIPE FINISHING.

Orley Wilde, Reporter.

Rosco Stocker, who has been employed in the Pipe Finishing mill took his time and left for Jamestown where he will spend a couple of weeks, and then go to his home at Fancy Gap, Va. He probably will return.

R. McCraw, who was injured some time ago on the street car, has recovered and is again at work. It is needless to say that we are glad to see him back.

BUTT WELDING DEPARTMENT.**Frank Strickland, Reporter.**

Saturday, May 18th, the Butt Welding ball team, were the winners in a game with the Machine Shop. Score, 4 to 2.

Rollie Hicks commenced work making gas for this department May 27th. He has been employed until a short time ago at Streator.

Married, May 25th, Miss Lizzie Baker to Mr. Fred Osgood. Congratulations are extended.

Thomas Bagsby, who has been on the sick list the last three weeks, is improving.

Geo. Perkins, who recently resigned from this department on account of his health, has returned to work again.

Jesse Williams, formerly driver in this department, has been promoted to the position until recently held by Arthur Teece.

The ball team representing this department, have played several games since last writing. Following is a list of the teams played and the score: Decoration Day at Bobtown, the score 22 to 5 in favor of the Butt Welding team, shows the ease with which our boys won. Sunday, June 2nd, at Arlington, our boys went down to defeat in a hard fought game, the score being 4 to 0 in Arlington's favor, indicating a good game. Sunday, June 9th, the boys played the second game with the Bobtown team and defeated them 17 to 9. Several games are scheduled to be played in the near future of which we will write later.

Several of the boys in this department, have been added to the Welders' list on account of doubling up for the summer crew. Following is the list of those benefitted by the change, Ralph Larson, Atlee Wood.

Ollie Ashley, the bell man, is on the sick list at this writing.

The percentage column for the Ymmietdrah base ball league reminds one very strongly of a quick change artist, some of the supposedly weaker teams are showing better form, and on the sliding scale are steadily moving upward.

Married, Saturday, May 8th, Frank Baker and Emma King. Mr. Baker is employed as a welder in this department. Congratulations are extended by all the boys.

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STOCK HOUSE.**Jesse Eyer, Reporter.**

J. Eyer spent Sunday with his mother at Annawan.

Ray Clong was absent from duty yesterday on account of sickness.

We are glad to see Chas. Hamilton back to his place after a short spell of sickness.

Vacation season has opened up, with Harry Hassinger as the initial participant, having returned to his work Monday morning.

May 26th Fred Van Hecker and family, together with his brother, Frank, made an overland trip to Annawan.

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UNLOADING DEPARTMENT.**Napoleon DeClercq, Reporter.**

Emil Ver Hulst's smiling face can again be seen in the unloading gang, having returned to work the 1st of the month.

The boys all had Decoration Day to themselves as a day of rest and by the looks of several of them the rest must have gone wrong with them.

Oscar Bekaert has taken a transfer from the unloading department to the Muck Mill. Good luck to you Oscar. We all hope you succeed in your new labors.

Cyriel Delbeke, a former employe of the unloading department, can again be soon among the gang after having spent the winter in Kansas City, Mo.

John Boos and Chas. Antheunis, of the scrap gang, are talking of starting up a chicken farm. We all wish them success in their new venture and hope they will not fight over the division of the profits.

Henry Bernard says that single life is not what it is cracked up to be, so he has taken unto himself a partner for life.

The four men unloading coal for No. 1 boiler house were off a day last week on account of small wreck in the east yards of C., B. & Q. Ry., so while taking the rest, Jonas says he hoed all of his potatoes.

Emil DeBunk was off one day last week spending the time with some friends visiting him from Rock Island. Emil says he had a good time.

Emil Snook says that water drinking is dangerous on account of so much rust being in it, so he is going to drink nothing but Peruna after this, which he says is good for everybody's health.

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DRIVE WELL DEPARTMENT.**J. E. Hart, Reporter.**

John Seyler, our punch operator, was absent the last few days on account of his wife being ill.

Mr. Fortman is able to be back to work again and will take up his former duties of punching pipe.

Allie Graham, who was our trucker, has taken the place of Mr. Olson behind our gauze and jacket counter and seems to fill the bill very nicely.

Mr. Fredewick was out on May 17th.

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STRUCTURAL AND SHEET STEEL SHOP.**Albert Griggs, Reporter.**

Dave Rogers, who has been spending a few days in Fulton county, his old home, returned to work again May 11. While gone Dave paid a visit to the mines of the Big Creek Coal Co., and he says it is the most up to date institution of its kind he ever saw. By the way, this is the first vacation (if you could call it one), Dave has taken in three years.

We hear with much pleasure that the new addition to the Boiler Shop for which Supt. Terry and Foreman Wells have labored so hard, is at last going to be erected. It will extend west of the present building 60 feet and north 50 feet, and will aid greatly in getting out the work.

As warm weather approaches our tinnners' troubles commence as wind pipes will be in great demand all over the plant.

We notice in the Tube News, almost all the departments in the west end have a base ball team. I wonder what's the reason some of our young timber doesn't wake up. How would it sound to announce a game between the Boiler Shop and Galvanizing Department.

Jake Lewis was off recently moving from Grace avenue to corner First and Vine.

Judging from the way the boys received the first issue of the Tube News, it sure made a hit. May it live long and prosper.

After an absence of a year or more, Geo. Stephens has returned to work in the Boiler Shop. He says there is no place like home.

Geo. Gross showed up one morning not long ago armed with a new pipe and a package of tobacco, and gave us to understand he would neither borrow nor lend from henceforth. Imagine at noon when he discovered his tobacco gone. George was forced to come up with a good cigar in order to recover it.

BRASS CORE DEPARTMENT.**Miss Elizabeth Jones, Reporter.**

Miss Eva Atkinson, the forelady, was absent several days owing to the death of her cousin, Mrs. Joseph Steimle. Misses Mabel Gilkey and Leona Lindburg returned to work this week after visiting friends and relatives of Peoria.

Miss Anna Stultstatz was a Sheffield visitor Decoration Day.

Miss Pearl Reeder, who has been confined to her home with the measles, is rapidly improving.

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CARPENTER DEPARTMENT.**Dave Nance, Reporter.**

The carpenters are preparing to begin work on the proposed addition to the boiler shop.

The department, aided by the Painting Department, has just completed the additional room of Supt. J. N. Gamble's office.

Jesse DeWolf, formerly of the Carpenter Department has been transferred to the pattern shop.

I wonder which one of the carpenters it was that was caught on the roof of the Malleable Foundry and had to be rescued by means of a rope.

Checkers seems to be quite in vogue with the carpenters. Any one coming to the shop at the noon hour will see an exciting game in progress. Each party generally has its component of lusty adherents.

* * * *

TEAMING DEPARTMENT.**Plummer Culp, Reporter.**

Emergency Hospital work was materially bettered recently by the purchase of a fine new ambulance. The vehicle is large and roomy, as well as light and easily managed. Emergency calls can now be more quickly handled to the greater comfort of the sufferer.

The barn for the emergency ambulance, which has been in the course of construction, is now completed.

Mr. Culp has returned from Princeton and vicinity, where he went to purchase a suitable horse for hospital use. He was fortunate in securing a handsome black, which is both gentle and strong—a fine combination for the proposed work.

The building of the addition of the boiler shop necessitates the closing of the gate near the Galvanizing Department, and makes the fifth street gate the nearest entrance to the barn. The Teaming Department has just begun the operation of "cinderling" that portion of Grace avenue, which must be passed over to reach this gate.

* * * *

GENERAL LABOR.**K. Bannister and F. Rash, Reporters.**

Cur men have, since June 1st, moved the wagon shed from its old position to a place on the Porter lot, east of the barn.

June 3 they excavated for, installed and paved around a new brass melting furnace for the Brass Foundry.

We recently excavated pier-pits for the new addition to the boiler and tin shop.

We have taken on in the last few days about thirty new men for the inventory in Stock House.

Melvin Clevitt of the inventory crew, is laid up at his home at 1025 W. Prospect street with a slightly bruised knee, but will report for work again in a day or so.

Kimball Bannister has accepted a position with the Tube Company as timekeeper and assistant foreman of general labor gang.

Alphonse Vannenlen and Adolph Gyssner, who have been employed in the General Labor Department, have been promoted to the Butt Welding Department.

Owing to the break down of the conveyor between An

nealing and the Malleable Foundry, June 6, a large force of general labor men were needed to take care of the hot castings.

John Manch, the pavement sweeper of this department, was absent on account of sickness for two or three days this week.

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IRON VALVE DEPARTMENT.**Frank Wilson, Reporter.**

May 17th Harry Ceder had the misfortune to cut his finger requiring the attendance of the nurse for a few days.

May 18th Gust Ax bruised the first finger on his left hand while moving some Ex. Hy. flanges.

Al Johnson of Cambridge, has started to work in the I. V. Department as machine operator.

John Swedeman left for Nome, Alaska, May 23, having resigned his position as assistant foreman, which he has capably filled for the past year. Before leaving the boys of the I. V. Department gave him a fine gold ring as a token of friendship, all wishing him success in his new undertaking.

May 24th Frank Anderson was promoted from Seating Ex. Hy valves to be assistant foreman, filling John Swedeman's place.

John Mortinson has been promoted to Seating Ex. Hy. valves.

John Ring was promoted to Seating the large Std. valves.

Chas. Carlson returned to work after a short vacation.

Pete, after suffering with sore feet and trying a good many different remedies and failing to get any relief, has discovered a new cure in the way of a pair of wooden shoes, which he wears while at work. He says if you don't believe in the cure just try it for yourself.

May 25th Clyde Smallwood returned to work after a week spent at his home in Yates City.

John Pride resigned his place on the Standard Bench and went to ditching a few days ago.

Walter Olson went to work in the Iron and Valve Department as tool room boy, replacing Art Berquist, who goes to work in the machine corner in the Brass Finishing Department.

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ANNEALING DEPARTMENT.**Ray Jobes, Reporter.**

Robt. Cox was a Galesburg visitor Saturday, June 1st.

It is interesting to note that the Annealing Department broke its record last week, making a greater output of blank fittings than is shown by any previous record.

Arthur Utterberg was called to Princeton Tuesday, June 4th, to attend the funeral of his father-in-law.

Adolph Felton, of the hard iron conveyor, is confined at his home with the measles, but is doing nicely.

George Carlsen went to Rock Island Wednesday on a business visit.

Jno. Whalen has transferred from this department and may now be found at work in the Machine Shop.

Daniel Blackburn was a Chicago visitor recently.

Elmer Hankla severed his connection with the department Monday.

Clarence Murchison was off several days on account of sickness.

Jim Smith of the hot pipe mill, and Aug. Sholtz, of the Machine Shop, in company with Will Felton, Adolph Sholty and Ed Felton, spent Saturday night on Green River fishing. Although their catch was small, they all report a very enjoyable time.

A new guard railing has been placed around the engine and rattle trap which assists in the prevention of accidents in this department.

Philip Griggs, of the High School, commenced work on the hard iron conveyor. We are all pleased to see him back.

STOCK HOUSE—BRASS DEPARTMENT.**Allie Powers, Reporter.**

The past two weeks have furnished little news for the Brass Packing Department. The semi-annual inventory has taken up the time of the men and left few unoccupied moments for any comments on subjects outside the actual duties.

Al Rogers, who is considered the happiest man in the shops, is seriously settling down to the fixed idea of matrimony in the near future. We may say, the object of his affections resides not in Kewanee, but in far off Oklahoma, and a half section of good land goes with the bargain (in Al's favor, of course.)

Dody is yet considering his base ball offers and is only dissuaded from accepting the many offers on account of rheumatics. We have advised him to take a sweet oil bath mornings and a two mile run afterwards, before 5 a. m.

Ed Roberts, who was reported in the last issue of the "Tube News" as about to leave, has decided to remain with the "Tube Co." for the summer and is anticipating a large business in the export trade—Jim contemplates a two weeks' vacation when the weather becomes hot, as he has no use at present for the expensive summer apparel he purchased some time ago.

Fred is yet in a quandry as to whether he will forego the musical course his heart is bent upon, as mentioned in the last issue of "Tube News," or remain to discourse sweet notes to the many who visit Glen Oak and Windmont Parks.

Vic Johnson, of our our most industrious men, is stealing time from his theological studies, and devoting it to a scheme for placing a taper-tap on a "Kansas cyclone." We hope he will succeed.

Geo. Harris is working hard for the prize that goes to the person having the best kept lawn. George is well versed in horticultural matters and may be considered a promising landscape gardener.

Pete has been in statu quo for many days and cannot bring his problem to any definite solution, but in connection with Charley Harding is devoting his inventive genius to patent—a something—that will placate the man who hammers no, the foundry scraps at the pass on the conveyor to the Malleable Foundry.

It is quite evident to the casual observer who has taken any interest in the Western Tube Co., whether he is employed there or in other business, that the tendency has been to build up the town and help it progress in the same manner as the great plant. It is only proper therefore for the employes to fully appreciate the efforts of the company and its managers, to promote the welfare of those whom it employs.

Henry Holmslum and Frank Hamilton of the Brass Stock House office force, are in attendance at the Peoria Military Day.

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GALVANIZING DEPARTMENT.**Frank A. Castle, Reporter.**

Dan Griffin has been promoted from head fittings galvanizer to assistant day foreman.

Fred Vosberg, formerly night engineer, after visiting in the Dakotas for four or five months, has returned to the galvanizing shop.

Frank A. Castle has accepted a position as clerk in the galvanizing office.

John Gavalski stepped upon a nail that was extending through a board a few mornings ago and was forced to lay up for a few days as a result.

After being off for a few days Joe Tynna, who was burned by a flash of hot spelter, has returned to work.

Harry McCabe, ex-clerk of this office, is now working for Billy Wright, the chief store keeper.

New equipment has been added to the pickling department in order that transfer of acid may be made by gravity.

James Lowden was injured the last day of May by a 2-inch pipe falling on the instep of his left foot. We trust not seriously, however.

Harry Reed, pipe furnace fireman, is spending a couple of weeks in Peoria on business.

Gust Stroed is now to be found as one of the firemen on the pipe galvanizing furnace.

A new Bristol Recording Pyrometer has been installed in the department. The pyrometer registers the temperature of the pipe galvanizing kettle.

Allen Kreiter has been promoted to pipe pickler.

Joe Thompson, crane operator, was absent Monday night, the 10th. Frank Ehrig worked in his place during his absence.

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UNION DEPARTMENT.**Henry Cox, Reporter.**

We are sorry to learn that Dan Burrett, an old well known employe of this department, who was forced to go to Colorado for his health, died out there last week. The remains were interred there.

Earnest Beaston, an old time employe of this department, was married some time ago. The department all joins in wishing him success and happiness.

Floyd Whaley is to be found employed again in this department after an absence of some four years. During the greater part of this time Mr. Whaley was in the United States Signal Service employ.

Millard Brown has just completed a very enjoyable two weeks vacation, which was spent mainly in visiting friends and relatives in Macomb, Ill.

Oral Chandler spent the greater part of last week visiting relatives in Macomb, Ill.

Sam Saigh has severed his connection with the W. T. Co. and can now be found employed in one of the city fruit stores.

Supt. John Fowler, who after an absence of several weeks, returned to his work some time ago, was forced to withdraw again. We all hope Mr. Fowler will be able to be with us again in short order.

John Hodge was absent on account of sickness a few days last week.

Fred Goldstone intends to start for Denver, Colo., some time next week. He expects to go into the furniture business with his uncle.

Charlie Kolp was greatly pleased last week to get a duplicate check for the one he lost several months ago.

There was a great base ball game Saturday, the Union and Coupling Department being the participants. The game resulted in a victory for the Union Department.

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NIPPLE DEPARTMENT.**Jas. E. Hart, Reporter.**

Chas. Donaldson is out on account of a bruised thumb, which occurred while operating a cut off machine.

Mr. Jacob Meyers has been transferred to Boiler Department. He formerly operated No. 4 double head machine.

No. 5 double head machine is down and is now located at the machine shop awaiting repairs.

The boys of this department are very sorry to hear of the illness of Mr. J. O. Burch. He has been away from his machine for about a week.

Mr. W. D. Dunlap is also laying off for a few days on account of a gash cut in his right hand, which was done on No 36 cut off.

Walter Lamb, who has just graduated from the Kewanee High School, has taken a position in the department office as clerk.

Isaiah Lamb is nursing a bruised finger the last few weeks. Mr. Lamb is a good cut off machine operator and we would like to see him back soon.

Adam Martin has been bothered with rheumatism the last few days.

A new nipple threading machine has been installed, which will be known as No. 39 threader.

Ray Saylor left Saturday evening, May 25th, for Chicago, where he spent Sunday watching the Sox play ball.

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WOOD PATTERN DEPARTMENT.

George Requa, Reporter.

Lee Young has been quite sick with inflammatory rheumatism.

Coniche Phillips spent a couple of days in Bradford recently.

Ed Lundeen received a severe cut on his right hand while sharpening a plane bit, the last of the month. He is improving rapidly.

A new drill press has been added to our machinery.

Jesse DeWolfe was transferred from the Carpenter Department to our shop.

Several of our boys, members of Company K, went to Peoria Military Day.

Roy McGuire has been promoted to a bench, Charlie Van Brunt taking his former work.

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BRASS FOUNDRY.

N. E. Anderson, Reporter.

Anton Drummmond was called home May 17th on account of sickness.

Wm. Lizdiates was called home May 18th on account of sickness.

Wm. Cummings returned to work May 22d, after being absent on account of appendicitis and rheumatism for four weeks.

Chas. Nicols has been off the past week suffering from an attack of rheumatism.

Enid Anderson went to Bradford May 2d to play ball.

Joe Leninger was off May 24 and 25 attending court.

Walter Thomas went to Galesburg May 2d at noon to see his sister, who was very sick.

James Petty bruised his thumb May 23 and had to stay home the following three days.

George Johnson moved May 29th into the new house which he purchased in Wethersfield.

Aug. Godki was absent May 17th and 18th.

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CHEMICAL LABORATORY.

G. M. Thrasher, Reporter.

Mr. and Mrs. G. M. Thrasher and son Philip attended the convention of the American Foundry Men's Association, recently held in Philadelphia. Many practical sides of foundry practice can be gained through such a convention. While in the east they also visited Niagara Falls, Washington, D. C., the Jamestown Exposition, which made a very enjoyable trip. The exposition was found to be very incomplete as the exhibits are as yet in a chaotic state, although the buildings are almost ready for use.

Mr. George Van Brunt, Jr., who has been studying chemistry at the University of Illinois, is now employed in the chemical laboratory.

Mr. H. P. Washburn has returned from a visit with relatives in the south. Sh-h-h, Mr. Washburn is no longer a bachelor.

SOCKET DEPARTMENT.

A. J. Mack, Reporter.

Clyde McIntyre is the happy father of a bouncing baby boy; mother and baby are doing well.

Albert Donahue has been thinking of going in the chicken business, but he fears he will have to put the coop on top of the house as room is limited.

John Donahue, who has been employed as engineer in the Coupling Department, expects his wife, who formerly lived in South Bend, Ind., to come and they will make Kewanee their future home.

Henry Kircher took a transfer from the Socket Department and went to work in the brass shop.

Eugent Kirche was on the sick list last week.

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GREY IRON CORE DEPARTMENT.

Miss Myrtle McLaughlin, Reporter.

Jim Connory's men are taking the new core machine down to make some necessary repairs on it.

Miss Myrtle McLaughlin was absent recently on account of sickness.

The Girls of the Grey Iron Core Department presented to Miss Bessie Rocke, the timekeeper, a lovely gold locket, in honor of her birthday.

It is fitting something should be said of the weekly Bible class, which meets over Atty. Ladd's law office. The evening, which is generally conceded by all, to be a most enjoyable one, is spent partly in social games and partly in a most profitable study of the Bible. Pleasure is thus combined with profit in a most satisfactory manner.

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MEN'S GREY IRON CORE DEPARTMENT.

Grover Graham, Reporter.

May 5th Henry Dorgan was called to Galesburg by the death of his brother-in-law, John Sherman, of that city, who was the victim of a railroad accident.

May 23d Ernest Rockwell returned to work after being called to his home in Astoria some time ago by the death of his mother.

Any one desiring first class photography will do well to call on Vinton Rowley, as he won a fine camera on a raffle the other day. Although we have not seen any of his work, we wish to recommend it, for any one who knows Vinton knows he is an artist.

May 25th, the recently organized base ball nine of the Men's Core Department played their initial game with the Muck Mill nine. The game proved to be a warm one from start to finish. Eleven innings were played, the score being 7 to 8 in favor of the Muck Mill team.

May 30th, another exciting ball game took place at Terminal Park between the Core Room and Rolling Mill nines. Nine innings were played, the score being 7 to 8 in favor of the Core Room nine.

June 4th Fred Boy resumed his old position as core-maker in the department.

A much needed improvement has been made at the East End core room in the way of a storage apartment for core dryers and braces.

John Rockie was on the sick list last week, but has returned to work again.

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ELECTRICAL DEPARTMENT.

C. A. Barney, Reporter.

Lawrence Haer commenced work today, May 31, with the trimmers and construction men.

Merton Cleveft took a transfer from the charging machine to the Boiler Makers' and Tinnners' Department. George Perkins, an old time charging machine operator, takes his place.

H. C. Adams, operator on No. 1 charging machine,

takes charge as operator on the butt welding crane, a position formerly held by Robert Barnett, who goes to Davenport to work in the Electrical Department of that place.

Lawrence Anderson recently assumed his new duties with the trimmers and construction men.

Ben Angell operator on No. 2 charger, has moved from Wethersfield to 310 North Main St.

Ed Bronson, operator on the west end crane, has gone for a week's visit with his folks in Missouri. During his absence, Clifford Cully will assume his duties on the crane.

Harold Siebold has returned to work in the Electrical Department as charger, taking the same position he formerly held.

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TAPPING TOOL DEPARTMENT.

Wm. Price, Reporter.

We are glad to note that Plem Buryle is able to be at work again after a long spell of sickness.

Frank Boose has returned to work after undergoing an operation whereby he had a large tumor removed from his neck.

Knute Eckstrand can now be found in his accustomed place in this department after a two weeks' illness. Tom Harwood filled his position during his absence.

It seems that Bob Ford, of the Tool Department, was the stellar hero of the ball game Saturday between the Baptists and the Primitive Methodists.

Ray Dixon and Bob Ford attended the high school athletic meet held in Galesburg recently.

Wm. Winters, who is visiting in Brookfield, Mo., is reported down with the measles.

Ira Early spent a few days recently in Missouri, where he was called to attend the funeral of his grandfather.

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IRON MACHINE SHOP.

Harry Mitchell, Reporter.

The Machine Shop sick list is gradually decreasing.

Jas. Hogan, after a three months' illness, is back at work on lathe No. 448.

S. W. Turner called on us for a few minutes Saturday. He is just getting about after six weeks of rheumatism. He hopes to be able to report for work in a few days.

Jesse Elliott, who has been off the past three weeks with pneumonia, is reported as being much improved. We hope to see him back at work soon.

Wm. Rebscher spent a week's vacation in Chicago. We are glad to see him back safe with nothing more than a stiff neck. The buildings are pretty high in Chicago, "Reb."

Geo. Peck is a new addition to the tool room, taking Dick Ray's place as errand boy.

Would you recognize "Charlie" in a new shop hat? He threatens to buy one, but old ties are always hard to break and the ancient one is still doing duty.

Bryant Bannister has joined the construction gang under "Bill" Hahn for a few months, and Martin Olson is helping on molding machine repairs.

Work is still being carried on toward the perfecting of the automatic nipple machine spoken of in the last issue of the "Tube News."

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GENERAL OFFICE.

W. H. Bruce, Reporter.

Orville and Joe Bond have returned from a week's outing in Wisconsin.

Miss Yula Ramsey has resigned her position and expects to leave for the Pacific coast early in July.

Miss Ruth Beede, who has been ill at her home in Princeton, Ill., is convalescing, but expects to rest for another

month before resuming her duties in the Chief Clerk's office.

Miss Irma Kent is a new employe in the Billing Department. Miss Kent will take the position vacated by Miss Ramsey.

Miss Emma Dresselhouse of the Billing Department, is substituting in Miss Beede's place during her absence.

G. L. Snyder returned Friday from a two weeks' vacation spent at his home in Fort Madison, Iowa.

Emna Meyer begins her two weeks' vacation Thursday, June 6th. She will spend a week at Des Moines, Iowa, visiting friends and the remainder of the time at her home at Peru, Ill. Miss Genevieve Kent will take her work while she is away.

Arthur Teece, timekeeper for the Galvanizing Department who has been very ill with pneumonia, died at his home Wednesday, June 12th. Sincerest sympathies are extended by all his companions to the bereaved family.

Miss Elizabeth Bauer is absent on a vacation and will spend two weeks in the east, taking in the Jamestown Exposition and other points.

Later—Miss Bauer returned Saturday and reports a very pleasant time.

Miss Amy Steer, of the stenographic force, is back in her place after four weeks in the hospital.

Many of the office force who have been putting in considerable over time and night work, will now hail with joy the advent of the vacation season when they will receive some of the benefits of the over time heretofore put in.

Miss Beulah Bradbury has returned to work again, after being confined to her home for some time with an attack of the measles.

P. W. Bauer is among the absent, enjoying his vacation.

Miss M. Handley was confined to her home the latter part of last month by a slight attack of the measles.

William Gutschlag, who will report for duty June 11th, left on his vacation May 26th. He is having a fine time in the country.

A letter addressed to Mr. Patrick R. Fitzgibbons, Chicago, Ill., in an envelope bearing the Western Tube Company return stamp, has, by the postal authorities, been returned, and same can be secured by the writer if he will see Mr. W. H. Bruce.

Mrs. L. C. Edwards, of the Advertising Department, in one day wrote 1050 lines on the Remington typewriter. Of this about three hundred were from dictation, and the balance copy work. This stands as a record in the Advertising Department.

R. I. Smith left on his vacation June 1st. He expects to spend the first part of it in Galesburg, and the remainder in Mt. Pleasant and other points in Iowa.

John Bauer spent Sunday, June 2nd, in Princeville.

John Yonkers leaves June 9th for a two weeks' vacation which he will spend in Spring Valley and vicinity.

Levi Magerkurth spent Sunday, June 9th, in Princeville.

Lawrence Johnson started as Order Department messenger boy May 20th.

Although it is still early in the season, the Order Department has shown that it is not lacking in followers of the national game. At least two of its members have made a great start. These are John Bauer and Levi Magerkurth.

John, who has given up base ball as a steady thing, has been on the coaching line for the Myers Bros. team this year. But at Princeville last week John could not resist the temptation to again show the people the twists that he could still put on the little sphere.

Levi, who is catching for the Clippers this year, has entered the field with a running start. He is catching a star game for the Clippers besides being among the top notchers in his batting. Out of the seven games they have played, he has been at bat twenty times and only fanned out twice.

Jake Fleming has been appointed assistant captain of the Congregational team of the Ymmietdrah League, and his work has largely to do with their present standing.

Graduates Work for This Company.

It is of interest to note that eight members of the 1907 graduating class of the Kewanee High School have identified themselves with the Western Tube Co. The fact that they have just completed one revolution of Life's wheel and are now ready to branch off into the more complex phases of their career, coupled with the fact that they have chosen this company to work for, is of interest to all.

Kimball Bannister has accepted a position as timekeeper and assistant foreman of the General Labor Department.

Walter Lamb is filling a position as clerk in the Pipe Finishing office.

Irma Kent is working in the Billing Department of the Main Office.

Bryant Bannister can be found with the machinists repairing crew.

Genevieve Kent is working in the time keeping department of the Main Office.

Arthur Lawson is helping with the semi-annual inventory of stock.

Edwin Lord is working in the Metal Pattern Department under Thos. Smout.

Maddra Hewlett has identified himself with the Advertising Department.

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MALLEABLE CORE ROOM.

Blanche King, Reporter.

The Tube Bible Class met Monday, May 27th, over Mr. Ladd's law office. The first part of the night was spent in luncheon and social enjoyment. Later one hour was devoted to the weekly Bible study. Great interest has been taken by the tube girls in this work.

Miss Laura Mason has moved to 108 South Vine St.

The Misses Hilda and Anna Hallsten spent a few days recently at Geneseo.

Amelia Leppens is confined to her home with blood poison.

Miss Alta Trout returned to work after a few weeks' absence.

Mr. P. Gestrine, with a few able assistants, entertained the foremen at their monthly meeting, May 16th, with a few vocal selections. Mr. Gestrine's vocal ability is well known to the musical people of Kewanee. He has a few selections to render at their next meeting, which will insure a pleasing occasion.

Miss Alta Busy left for a month's sojourn in Chicago. We feel sorry for the "loved one" left behind, but the "best of friends must part" you know.

Mr. Arthur Barger expects to leave soon for a short business visit in Chicago.

The retiring room and cloak room have been greatly improved by a new concrete floor.

Miss Laura Courtright has been promoted to the position of forelady of the machine girls.

Miss Edith Morris has been at home a few days owing to the death of her cousin.

Miss Nellie Brown, forelady and Miss Edith Clark, timekeeper, accompanied by their gentlemen friends, spent Decoration Day at the historical "Starved Rock" and also Deer Park.

Mrs. S. Young has entirely recovered from a very severe attack of neuralgia. Her many friends here were delighted to have her return again.

The Misses Ritter and Detroit entertained the girls at their lunch room Saturday, May 25th with several musical selections which were greatly appreciated.

Miss Blanch King and Miss Mary Packee spent a very pleasant time with relatives in Rock Island and Moline recently.

MALLEABLE FOUNDRY.

Roy Radford, Reporter.

John Stromberg was off a few days being on the sick list.

Harry Daline was off Tuesday attending the funeral of a friend in Galva.

George Bean returned to work Monday after a two weeks' illness.

Guy Rogers returned to work after being off a week on account of sickness.

Dan Horgan was off a couple of days on account of sickness.

Ed Gustafson, a core setter, left for a two weeks' visit in Jamestown and then will go to Minnesota to assist his father on a farm.

Pete Kaufman resigned his position as core setter and will accept a position with the steam fitters.

Frank Miller was promoted to a core setter on No. 1 moulding machine.

The foundry took a day off Saturday for repairs.

Theodore DeWolf had the misfortune to get a gash cut in his arm. He was taken to the Emergency Hospital where it was given careful attention.

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PAINTING DEPARTMENT.

Ivan Conrads, Reporter.

A cheerful good morning and a word of good will to the man working on the next bench or machine will go a long way toward making the day seem more bright and life more pleasant, not only to him, but also to you. Life is merely what we make it. Don't look at it from the dark side, it only makes you miserable; take your view from the sunny side; "get out of the rut."

As a coating for structural steel, graphite paint is found to be superior to most paints. In 1905 we coated a steel shaft with four different paints, namely, carbon, a lye preparation, an oxide paint and graphite. We find after examination that graphite paint, manufactured by the Illinois Steel Co., has stood best. This steel shaft is exposed to the smoke and fumes of the foundry and also to all kinds of inclement weather. This is the most practical way to discover the merits of a paint.

The large smoke stack of the brass foundry received a coat of paint on Decoration Day, the foundry being idle. The work was done by our most efficient stack painter, Wm. Oldfield, he having the work by contract. This stack is the highest stack in the plant, standing 125 feet from the ground. One has a good view of the city, but it takes a man of good nerve and clear head to do work from such a height.

James L. Ervin, employed in this department since the first of the year, has left and is going to work for the C., B. & Q. R. Co., at their shops in Aurora. He left for Macomb today (June 8th.) We wish him every success.

Geo. W. Ericson has been transferred to the wood pattern shop. We are sorry to see him leave this department as he has been a faithful worker and was well liked by all his companions.

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GREY IRON FOUNDRY.

Wm. Bennett, Reported.

Carroll Kennish visited in Davenport Sunday, May 26.

Ed Reece was off a few days with the la grippe.

Joe Hooker Ickes can be found in the Grey Iron Foundry again after an absence of three months.

Jno. Stead returned to work. He was kept home for three weeks on account of sickness in his family.

Wm. Taylor drew his time and left for Seattle.

Fred Hill was off for a few days with a sore arm.

S. A. Whitehouse, of Barberton, Ohio, was shaking hands with his many friends the first of the month. He

is well pleased with his new position, and wants to be remembered to all. His family went back with him.

Walter Arpie, a former Grey Iron Foundry timekeeper, wants to be remembered to his Kewanee friends. He is city salesman for the Republic Iron and Steel Co., of St. Louis.

Muns Thompson drew his time the first of the month and his wife and himself left for Sweden, after an absence of eighteen years.

A. J. Mather, superintendent of the Grey Iron Foundry, spent Sunday recently in Joliet, visiting with his parents.

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Casualty Department

CHARLES L. ROWLEY, Associate Editor,

Paper Read at Administrative Conference by Casualty Manager Rowley.

As regards the question of accidents occurring in the plant of the Western Tube Company, and the manner of dealing with the injured, I would say that it is the desire of the management to put forth every effort to lessen the number of accidents, and to care for the injured employes. The Company wants every employe to understand that it is manifesting a real interest in his welfare.

The Casualty Department wishes the co-operation of the Superintendents and Foremen of all departments in lessening in every conceivable manner the liability of casualties and in reminding their men to be ever careful and avoid injury. If any one knows or sees anything that might cause an accident, he should report the same at once to the General Superintendent. To prevent accidents is the main purpose of the Casualty Department.

I have reported quite a number of places about machinery, belting, etc., where accidents might occur and the company have protected them by putting railings around and coverings over the same; these little things are noticed more by the casualty man whose business it is to look after them than they would be otherwise.

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THE EMERGENCY HOSPITAL.

There is an Emergency Hospital maintained by the company in charge of a competent graduate nurse. This hospital is located in the west half of the Employment Bureau building. The interior is fitted up with a cot, screens, disinfecting and other apparatus suitable for the purposes needed. The painting and furniture are all in white enamel and the place presents a neat, cool appearance. The hospital was intended primarily to dress slight wounds and take care of small injuries which a workman might incur and should receive attention, but which he might neglect, but the scope has been increased somewhat and now the nurse in charge gives additional dressings to various injuries and for the convenience of all an easy riding ambulance carriage has been secured, which is used to convey injured employes to their homes and to bring them to the emergency hospital for additional dressings of their injuries. There are no assessments, fees or charges of any kind or sort for hospital service—it is all free to Western Tube Co. employes. All that is necessary is for an employe to apply to his superintendent and secure a "hospital card"—and this is only done for purposes of identification and to prevent other than Western Tube Co. employes receiving the privileges of the emergency hospital. Employes are particularly requested to make use of the hospital equipment for slight injuries—those that may appear small and to which no notice might be given. Every bruise or wound from which blood flows should be given an antiseptic

(tic dressing by the nurse in charge of the hospital. As above noted there are no charges of any kind for hospital service and the company is desirous that all on the rolls should avail themselves of the privileges to the fullest extent.

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TIME FOR PAYMENT OF NIGHT MEN ON SATURDAYS.

Clock Numbers.	Departments.
	12:45 to 1:00 P. M.
3290, 3000, 3400, 3500.....	Butt Mill Welding
	12:50 to 1:00 P. M.
	McDermott & Hodge, Tonnage Men.
	1:00 to 1:30 P. M.
4700, 4800, 4900	Rolling Mill
	1:30 to 2:00 P. M.
4600, 5600	Scrap Mill
	2:00 to 2:30 P. M.
4800	Engineers
6000, 6100, 6200, 6300	Tonnage
	2:30 to 3:15 P. M.
2400, 2600, 2700, 2800, 2900, 3100	Butt Mill Finishing
2500	Galvanizing
33000, 5500	Nipple and Drive Point
	3:15 to 3:45 P. M.
800	Union
300, 400, 500, 900	Tapping
4075 to 4100	Cast Iron Blank Stock
	3:45 to 4:15 P. M.
1900, 2000, 1551 to 1575	Annealing
2200	Stock House
1100, 1200, 1300	Brass Finishing
1600	Iron Valve
	4:15 to 4:45 P. M.
5300	Molding and Carpenters
4600, 4100, 4200, 4300, 4400, 1501 to 1550	Core Rooms
3700, 4500	Brass Foundry
1700, 1800, 1576 to 1600	Malleable Foundry
1, 100, 200, 3900	Grey Iron Foundry
3800	Socket
5100	Wood Pattern, Watchmen and Coopers
5000.....	Pipe Fitters, Boiler Makers and Tanners, Masons
5400.....	Stable, General Labor, Painters and Radiation
600	Metal Pattern
700	Machine Shop
1400	Tool Department
	4:45 to 5:00 P. M.
5200	Electric Light and Steam

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LOOKING BACKWARD.

"Oh, a "one-horse" concern is the W. T."
 Cried a Knocker who tries to sell these
 "Well advertised unions whose brass rings drop out,
 Or corrode in the thread; "There's never a doubt,"
 So he said, "Sure, they're mighty small peas."

"A one-horse concern!" said a by-stander there,
 "Oh no, you're mistaken my friend,
 The year they began to make Cookers, the steam
 Was raised by a mule, a horse was a dream
 Of a gift that good Fortune might send."

"But in those one-mule days they practiced the same
 Square dealing on every hand,
 The mule's given way to seven-thousand H. P.
 But the rule is unchanged, for it pays you must see,
 To make stuff that is TESTED TO STAND."

The Knocker skiddooed, for he knew nothing worse
 He could say of "Kewanees" that day,
 A business built up from the "power" of one mule,
 To a great corporation, on one golden rule
 To give only the BEST, sure will pay.

BON VOYAGE.

As sung by the quintette at the meeting of the Administration Conference, June 10th.

Tune—"I Don't Like Your Family."

Come hear the last news, it has made us all muse,
And think of the long days to come;

Our President sails, unless his heart fails,

(At the last sad moments he's dumb.)

But our President's 'grit,' will stand him, so quit

Looking mournful, howe'er sad your heart,

All the W. T., say bravely, "Oh Gee,

Go soon, and come back ne'er to part.

(Chorus)

We don't like to see you go,

You will be so sick you know,

For that bad old ocean will be sure to take a notion,

To turn your "tummy" upside down.

Oh, how you will long for land, where it is no trick to stand,

When you recl and turn, and your brain seems like to burn

For the solid land.

When o'er the ship's side, he leans gazing to hide

That feeling one don't like to name;

He'll think of those here, who on fair Windmont mere,

Seek nautical knowledge, and claim

The waves run so high, they can feel, with a sigh,

How our President longs for a whale,

To carry him fast, and like Jonah be cast

Safe ashore where he'll cease to feel pale.

When our President is no longer content,

With the Dutch, French or English, you see

He'll gladly come home, and he never will roam

From our own little dear Kewanee.

It's true that our town has no ancient renown

But we're sure we have what is best,

The Western Tube Plant, we know you will grant,

Beats old castles, and all the "old" rest.

* * * *

Limericks With Some Explanations.

—:—:—

There are many young ladies so clean,
Who it seems would just scorn to be seen

With a speck on their hands

So their labor demands

Many trips to the wash-room, I ween—

("Ween" is a nice handy "poetry" word).

There are a few persons whose habits

Seem to make them as thirsty as rabbits,

Like Bunnie they need

Very frequent indeed

To cool down with water their palates.

(No need to be shocked—only the result of "salted peanuts.")

The Supts. should be "onto" a scheme
Of some clever young chappies who dream
Of a nice little smoke

For which they near choke,

So they rush out to measure a beam.

(Or any old thing.)

Don't you know of some people who work
So awful hard trying to shirk,

If they used the same brains

With their work to take pains,

We are sure they would not stay a clerk.

(This is too self-evident to require explanation.)

Don't you hear the deep groans which proceed
From the office that's always in need

Of more stenos good ncte
To help "Ham" to float
The "News" of the Sales Agents' deed.

Are you one of a ball team, you guy?

Sure you're not, I see now that black eye,

Which you got from a ball

Standing where you'd no call,

Next time perhaps you'll catch a hot fly.

I know a young maiden whose chin

Resembles the point of a pin,

She's to get it made sharp,

Then will purchase a harp,

And learn to play tunes with her chin.

(Great scheme for "chin music".)

The Western's a plant I may tell,

Has jewels enough for a belle,

For you know it is true,

We have more than a few,

Of "Opals," "Pearls,"—"Garnettes," as well.

(Boys—Don't try to steal 'em.)

The office where rest is profound,

Where there's not enough work to "go round,"

Is that one next "the Files,"

Where the work never "piles,"

And all may enjoy their sleep sound.

(The above may be used as an example of sarcasm.)

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NOON MEETINGS.

For the past seven months, a most interesting digression from the usual routine of shop work has been made in the form of a weekly noon day prayer meeting, led by prominent men of the city and elsewhere. These meetings, which occur every Friday noon from 12:30 to 12:55, are well attended and very instructive. The meetings are held on the second floor of the new stock building and are under the supervision of the local Y. M. C. A., by whom the speakers are provided.

Leaders of Friday Noon Meetings.

Dec. 14.—J. C. Bannister.

Dec. 21.—Rev. S. R. Chubb.

Dec. 28.—Rev. W. A. Green.

Jan. 4.—Rev. J. F. Kieb, of Milwaukee.

Jan. 11.—John Griggs.

Jan. 18.—Rev. J. W. Nelson.

Jan. 25.—Testimony Meeting.

Feb. 1.—Rev. David Walk, of Chicago.

Feb. 8.—Geo. Litchfield.

Feb. 15.—Rev. E. L. Lord.

Feb. 22.—Rev. Alex. Smith.

Mar. 1.—Perry Stevenson, of Dixon, Ill.

Mar. 8.—W. A. Bowen.

Mar. 14.—Rev. J. V. Whiting.

Mar. 22.—Rev. C. W. Lyman.

Mar. 29.—Rev. Harris, of Sheffield, Ill.

Apr. 5.—Prof. J. N. Adee.

Apr. 12.—Rev. W. A. Green.

Apr. 19.—Perry Stevenson, of Dixon, Ill.

Apr. 26.—H. L. Sawyer.

May 3.—Rev. S. R. Chubb.

May 10.—Rev. E. L. Lord.

May 17.—Rev. T. H. Agnew, of Waverly, Ill.

May 24.—Rev. J. W. Nelson.

May 31.—Rev. C. W. Lyman.

June 7.—J. G. Oyler, of Freeport, Ill.

June 14.—Rev. Alex. Smith.

CLIPPINGS.

"Here a little and there a little."

A Test of Thoroughness.—It would pay most of us to be cranks on thoroughness for a few weeks, not toward others, but towards ourselves. There is hope for the man who stands off and looks at his own work and asks himself, "Isn't there a better way? Surely I have not exhausted the possibilities of this thing. How can it be improved?"—Hardware Bulletin.

* * * *

The Function of System.—No business, big or little, can get along without system. It is the second important element in the conduct of every successful industry or institution. It is subordinate only to managing ability and judgment the money-making factors in any business. Its function is to keep track of things—to codify results and thus back up initiative and keep the judgment of the men who bear the weight of the management up-to-date.—Threshermen's Review.

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Fruits of Optimism.—If you want your life to be happy, if you want to live up to the full measure of your capabilities or usefulness, if you want to leave a name that will be honored and respected among men, then be optimistic and find all these in believing first in God, then in yourself, and lastly in your fellow man, and you will add to the tangible assets of the institution with which you may be connected a surplus of good will that will withstand runs and yet increase as the years go by.—Commerce Monthly.

* * * *

Proper Pride.—Foolish spending is the father of poverty. Do not be ashamed of hard work. Work for the best salaries and wages you can get, but work for half price rather than be idle. Be your own master, and do not let society or fashion swallow up your individuality—hat, coat and boots. Do not eat up of wear all you can earn. Compel your selfish body to spare something for profit's sake. Be stingy with your own appetite, but merciful to other's necessities. Help others, and ask no help for yourself. Be proud. Let your pride be of the right kind. Be too proud to wear a coat you cannot afford to buy; too proud to be in company that you cannot keep up with in expenses; too proud to lie or steal or cheat; to proud to be stingy; in short, be a man of integrity and individuality.—Selected.

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The "Hustler" Wins.—When we see a boy who has secured a position, take hold of everything with both hands and "jump right into the work," as if he meant to succeed, we have confidence that he will prosper. But, if he stands around and asks questions, when told to do anything; if he tells you that this or that belongs to some other boy to do, for it is not his work; if he does not try to carry out his orders in the correct way; if he wants a thousand explanations, when asked to run on an errand, and makes his employer think that he could have done the whole thing himself—one feels like discharging such a boy on the spot, for he is convinced that he was not cut out for success. That boy will be cursed with mediocrity, or will be a failure. There is no place in this century for the lazy man. He will be pushed to the wall.—Selected.

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Kewanee, Ill., 190.....

W. T. CO. EMPLOYEES' AID ASSOCIATION:

Gentlemen:---I hereby make application for membership in the above Association, and do hereby agree to comply with the Constitution and By-Laws of said Association:

..... Dept. Name

Class Residence

Clock No.

..... Sec.

Fill in this application blank, then cut out and hand to director in department in which you work.