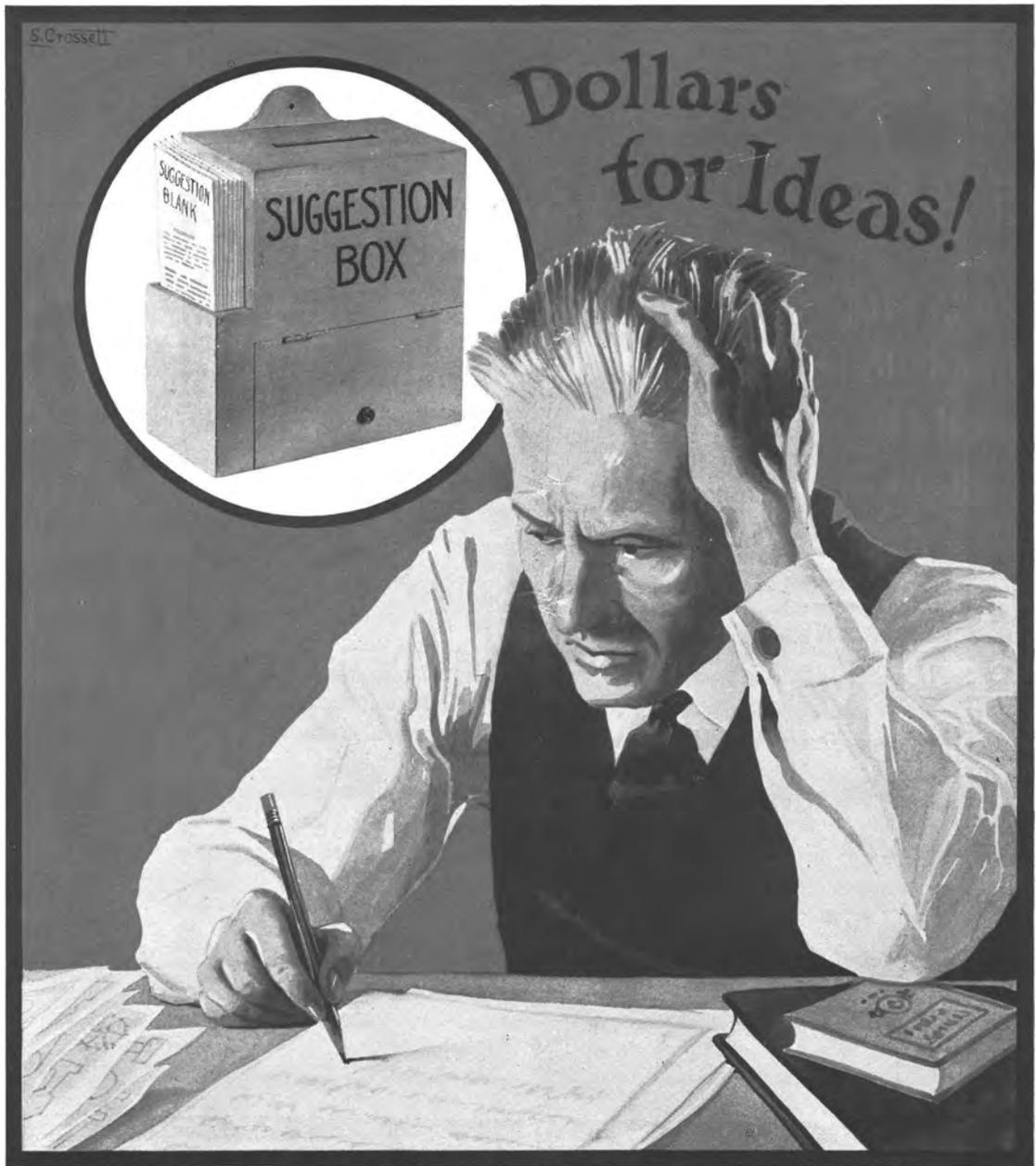


The Reflector



SUGGESTION NUMBER
SEPTEMBER **1924**



What Mr. John J. Bausch Has to Say--

FOR many years I have thought about the hundreds of good constructive ideas that the combined number of people in this big organization must have, which, if discovered would mean so much to the general good of the business. I have for a long, long time felt that it would be a wonderful thing for both the employees and the management, if these ideas could be gathered and put into effect, and the originators of them given recognition and reward for their interest and effort. After much careful thought and study, I think we now have, in the new Suggestion System which will take effect October first, a good, sound, workable plan that will make all this possible. The Suggestion System is so planned that at no time will the name of anyone entering a suggestion be known, excepting to himself and the Secretary of the Suggestion System, who must have that information in order to keep the necessary records and make the payments of the awards. This fact considered with all of the other good features of the plan cannot fail to insure justice for both the employees and the business and insure its popularity. I am enthusiastic about the Suggestion System, because it offers every employee a standing opportunity to turn into value for both himself and the management any ideas he might have on any phase of the business. It is my sincere wish, therefore, that every employee will welcome the Suggestion System in the spirit it is offered, will give it every cooperation and, above all, will avail himself of the opportunities it presents.

John J. Bausch



Bausch & Lomb Adopts Suggestion System

WITH the idea of presenting to each employee an opportunity to express his or her ideas, and offering reward and recognition for those suggestions that prove themselves to be of value to the business, a comprehensive suggestion plan has been prepared and adopted by the company and will take effect on October 1st, 1924.

Suggestion systems are not new. In any number of industries throughout the country suggestion plans are in effect and have been in effect for a number of years. Many of the best of these plans have been very carefully studied in the preparation of the one adopted for Bausch & Lomb, and the best that they contain has been embodied in our own. It is felt that the plan, which *The Reflector* has the pleasure of presenting in detail below, is a very practical one, particularly adapted to our organization, and one which ought to operate to the very great benefit of both the employees and the business.

The Bausch & Lomb Suggestion System has been adopted for the express purpose of encouraging and receiving good constructive suggestions from the people in the plant for which the company will make awards. By the word "suggestion" we mean a written proposal that will be of real value to the conduct of this business, and a good method by which the thing proposed may be accomplished. For example, if you see something which you believe ought to be improved, don't merely state that "it ought to be improved," but definitely state just *how it can be improved*.

The type of suggestion wanted can roughly be summed up as follows:

1. Those that will improve in any way our manufacturing methods.
2. Those that will reduce the operating expenses of the plant.
3. Those that will improve any of the products made here.
4. Those that will increase the sale of any of our products.

5. Those that will improve the safety and sanitation conditions in the plant or prevent fire.

6. Those that will improve the general maintenance of the plant.

We might go more into unlimited detail under any of these general headings. To give an example of miscellaneous specific instances, we might mention the following subjects in which there is always a chance for improvement.

- a—Improve methods of manufacture.
- b—Improve machinery or other equipment.
- c—Increase efficiency and production.
- d—Increase office efficiency or decrease office cost.
- e—Improve working conditions.
- f—Eliminate waste of any kind—time, effort, material.
- g—Prevent fire and accidents.
- h—Improve the quality of work.
- i—Decrease the cost of production by new methods of manufacturing without lowering quality.
- j—Eliminate work which is duplicated.
- k—Better plans for shop work.
- l—Use of less expensive tools and operations to accomplish the same results.
- m—Improve design of product.
- n—Improve storage of raw material and finished products.
- o—Improve present system and methods.
- p—Eliminate waste, in power, light, water and compressed air.
- q—Improve methods of handling work.
- r—Improve quality of product.

But don't confine yourself to these. Remember this; the company wants any ideas of whatever nature that are of value to the management of any phase of this business from the suggestion of new products to sweeping the floors. The more completely your suggestions are worked out the more value they will have and the more your reward will be.

To properly make out and hand in a suggestion, secure a regular suggestion blank. A supply of these blanks and envelopes will always be found in a little compartment at the side of the suggestion boxes, the location of which will be described in this article. You will find that the suggestion blank is divided into three parts. Part No. 1 is designed to carry the suggestion you wish to enter, so do not use this space for anything else. Part No. 2 is the part which is detached by the Secretary and placed in his file under lock and key. No one will, under any circumstances, be shown this part of your suggestion blank, because it is the part that contains your name and department number. In connection with this part of the blank, it is of utmost importance that you sign your name clearly and correctly, because if any award is made, the check will be made out accordingly and your name must be correct. Part No. 3 is the part that is detached by the suggestor just before he places the suggestion in the envelope to drop in the box. It is very important that the suggestor keep this part of the suggestion blank and take care not to lose it; for all parts of the suggestion blank are identified by number, while only one part bears the name of the suggestor. From the time the suggestion is received by the secretary, the suggestion is known by number only, therefore, the suggestor must keep part No. 3 of the suggestion blank as his identification mark when his award is made, and also to keep track of his suggestion.

From the above then it will be seen that the suggestion blank will contain the following when it is properly filled out: Suggestor's name and department; his suggestion; a description of the existing conditions and a description of how his suggestion will better them; how his suggestion can best be accomplished, accompanied by sketches if any are required. The more complete the information is given the more valuable the suggestions will be to the company and, therefore, to you.

After you have made out your suggestion, read it over again to make sure you have left out nothing of importance, then put it in its envelope, seal it, and place it in any one of the suggestion boxes. These boxes will be found in the following places:

- 1—Lowell St. Porter's office.
- 2—Smith St. Porter's office.
- 3—Glass Plant Porter's office.

- 4—East end of tunnel.
- 5—Stairway to Dining Hall.
- 6—Doorway—entrance to Building 1 from courtyard.
- 8—North entrance to Lens Grinding.
- 9—Dining Hall.

The boxes, of course, will be kept locked. The suggestions will be collected daily under the direction of the secretary and opened by no one but him. Immediately upon the receipt of a suggestion he will detach the part upon which the suggestors' name appears and place it securely in a special file, which will be open to no one but himself and which will continually be under lock and key.

Thus no one, either connected with the suggestion system or not, will know the name of the party making the suggestion. To further guard against the possibility of anyone knowing who entered the suggestion, the original suggestion with all drawings, etc., will be copied and the original suggestion also filed in a special file. Thus, from the time the secretary receives the suggestion, it will be known by its number only and a copy (not the original suggestion) will be passed on to the General Committee for its decision. After he has received the suggestion the secretary will arrange to have the suggestor notified through a note slipped in his pay envelope.

After the secretary performs his work in connection with the suggestion, he sends it on to the General Committee, consisting of the following men:

M. H. Eisenhart	P. Lemke
(Chairman)	H. S. Moody
C. Bahn	Wm. Patterson
C. Bausch	B. Ramaker
T. B. Drescher	F. Saegmuller
C. S. Hallauer	G. M. Saegmuller
J. Hammele	J. F. Taylor
E. Hart	J. W. Welsh
E. Kandler	Wm. Wishart
Dr. Kellner	A. J. Zimmerman
J. C. Kurtz	Secretary

This Committee will formulate any policies necessary to govern the Suggestion System. It will receive and consider all suggestions submitted and make re-considerations whenever there is proper cause. Most of the suggestions submitted will require detailed investigations. The General Committee will conduct these investigations through an individual or if the suggestions warrants through a committee from its own membership, so as

to insure an impartial, intelligent and fair consideration of the merits of the particular suggestion. After the investigation is completed the General Committee will take action on the recommendations referred to above.

If the suggestion is accepted, the committee decides its value and the award that will be made to the suggestor. All the way through these various investigations, etc., as has already been stated, no one of those considering the suggestion will know the name of the party who made the suggestion, because it will be known by a number only.

In case, however, a suggestion is rejected, then the name of the suggestor is made known, but only to the superintendent who has the particular work in charge with which the suggestion has to do. This is done so that the superintendent concerned may call in the suggestor and go over the suggestion with him, explaining why the suggestion was rejected and helping the suggestor to revise and improve the suggestion so that it may be re-entered if sufficient improvement is made. It will be noted from this that the spirit of the Suggestion System, as the company has adopted it, is to cooperate with the suggestor and to help him perfect his suggestion.

Each month on page 15 of *The Reflector* will be published the results of the General Committee meeting which will take place about the 15th of each previous month; also a general report will be made of all suggestions handed in for the month, designating their numbers. The numbers of all suggestions accepted will be given accompanied by the amount of the awards made; and the number of all rejected suggestions will be given. In many cases it is expected that the suggestions will be held until the suggestor can be notified by the secretary that additional information is required from him to complete his suggestion. The number of all such suggestions will also be published in *The Reflector*. In many cases there will be suggestions entered which have eventual value, but which cannot be finally acted upon because of the fact that some present conditions make its immediate adoption impossible. The numbers of such suggestions will also appear monthly. Thus all suggestors will be kept in close touch with the action taken on their suggestions, but they will have to keep track of them by their suggestion number, since no names will appear in connection with them.

After the accepted suggestions are thus published in *The Reflector*, the secretary will arrange for the payment of the award, which will be done by check. Naturally the suggestor's name will be known at this time, because the check must be made out to him personally. However, while the name will be known to the person making out the check, the number and the nature of the suggestion will not. Thus we see again that the suggestor is fully protected from having his particular suggestion known unless he, himself, cares to do so.

All employees in good standing of the Bausch & Lomb Optical Co., are eligible to participate in the Suggestion System, excepting superintendents and a limited number of others who, for obvious reasons, will be eliminated. In case an employee is "laid off" or out sick after he has entered a suggestion, the award will be made regardless; if he has left the employ of the company before the award is made, it will be forfeited. In case two or more suggestions are entered covering the same thing, the first one received by the secretary will be considered and the others dropped. Since every suggestion is stamped by a special time clock, and no two suggestions can be stamped at the same time, it will be very easy to determine which was the first received. In making your suggestion use but one serial numbered blank for each suggestion with plain paper for your necessary additional sheets.

Twice annually all suggestions that have been put into operation will be reviewed and, in case a suggestion has proved to be of greater value than the General Committee contemplated at the time the original award was made, the suggestion will be again considered and a re-award will be made. At the first of each year and again about the first of July all re-awards will be published in *The Reflector*. At this time, also, the names of those who have made the ten best suggestions of the six months period will be given honorable mention, in conformity with the policy, but the suggestions made by them will not be made known.

There are little items that might come up from time to time that our suggestion system as it has been outlined does not cover. It will be the duty of the General Committee to make these proper adjustments, and the company

(Continued on Page Nine)

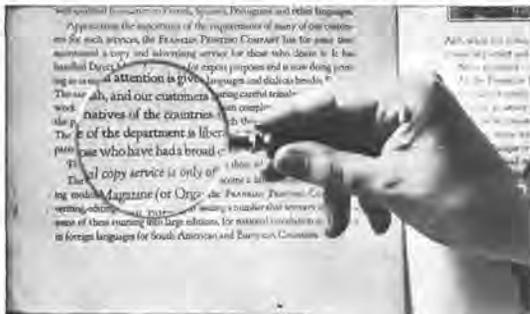
• When a girl has pretty ankles her short skirt is her long suit.—Curtis Folks. •

The Principles of Punktal Lenses

By Scott Sterling

TAKE a reading glass, and hold it in your hand a few inches away from a printed page. Look through the lens at the printing, and tilt the glass back and forth.

The printing will appear sharp and distinct through the entire area of the lens only when the reading glass is held straight in front of the eyes, so that the line of vision goes straight through the glass at right angles to the plane of the lens as shown in the photograph below.



Lens held at Right Angles to Line in Vision

When the lens is tilted, the printing will appear blurred and distorted and the more the lens is turned, the more blurred the page will appear. When the light passes through the lens obliquely, the image appears very different from that which is seen when the lens is held straight, and you will notice that it does not appear symmetrical—the type appears to be drawn out or elongated, more in one direction than in the other.

This illustrates a characteristic property—a defect if you wish to call it such—which is very generally found in single lenses. It is caused by the oblique incidence of the light on the surfaces, and the diagonal path of the light through the lens. The power at the surface is different in the vertical and the horizontal directions for oblique rays and as a result, the magnification due to the lens is different in different directions. This is astigmatism. For oblique rays of light, any spherical surface shows astigmatism.

If you will take an orange, or any other spherical object, and cut it through the center,

circle, whose diameter is the same as that of the entire sphere, as shown on the next page.

If now you will cut a slice off the end of the orange, you will notice that the circle made by the knife is not nearly as large as the one through the center.

Imagine now that the orange is replaced by a spherical surface on glass, and that the knife is replaced by light rays that travel to the glass surface and enter it just as the knife cuts



Lens Tilted with Respect to the Line of Vision

the orange. It is apparent that all the rays that travel straight toward the center of the sphere will cut the surface on its largest diameter. For other rays that strike the surface obliquely the curvature of the surface is different in different directions, and therefore, the light will be bent differently in the different meridians. Astigmatism is the result.

When a spectacle lens is placed in a frame before the wearer's eye, the lens is held fixed with reference to the face, but the eye is free to turn in its socket independently of the lens. The eye uses the exact center of the lens when looking directly forward, but at all other times the line of vision passes obliquely through the lens.

The line of vision is an imaginary line connecting the object which is being seen with the macula of the eye. This line passes through the center of the pupil of the eye. As the eye moves in its socket to change the direction in which it is looking, the line of vision moves with it. The pupil of the eye and the macula itself move also. When the gaze is directed upward, the pupil of the eye

☛ Before you fool with a fool be sure you have a fool to fool with. ☚



Through the Center, the Cut Is the Full Diameter of the Orange



Away from the Center, the Cut Is Smaller than the Diameter of the Orange

moves upward, but the macula, being on the opposite side of the eyeball, moves downward.

The point at the center of the eyeball about which it turns is called the center of rotation. The position of the center of rotation is fixed with relation to the eyeball and to the head, and does not change as the eyeball turns in its socket.

The line of vision goes through the center of rotation, hence the center of rotation may be regarded as the one fixed point which is common to all possible positions of the line of vision.

Although the eyeball itself is movable with respect to the correction lens worn before it, the center of rotation of the eye is fixed with relation to the correction lens. It is located at a distance of about 25 mm behind the vertex of the correction lens. When the line of vision does not coincide with the axis, it must pass obliquely through the lens.

Due to the oblique incidence of the light on the two lens surfaces, astigmatism is present. Fortunately, when the two surfaces bear the proper relation to each other, the astigmatism due to one surface may be overcome by an opposite astigmatism due to the other surface.

When the curves for the two surfaces of the lens are exactly right, the astigmatism that is set up at one surface is exactly neutralized at the second surface, and the lens is said to be anastigmatic, *without astigmatism*.

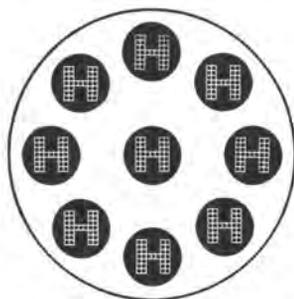
To design an anastigmatic spectacle lens, it is necessary to take into consideration the center of rotation of the eye, through which

all of the image forming rays pass; the thickness of the lens, the refractive index of the glass and other factors.

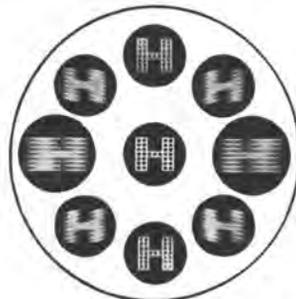
The Punktal is such a lens.

Punktal lenses are made with a spherical or a toric surface on the front and with a sphere on the inside surface of the lens.

The task of calculating a series of spherical Punktals is comparatively simple. It is necessary merely to find two curves which will yield the proper power for the lens, and at the same time correct the astigmatism in one meridian. It is a far greater achievement to calculate a compound Punktal (sphero-cylinder combination). In the case of the compound lens that spherical curve has to be found, which, when combined with the two unlike curves of the toric surface, corrects the astigmatism in the two meridians of the two axes of the toric surface, and at the same time gives the lens the proper powers in both meridians.



Images as seen through Punktals. Photographs taken through a Punktal lens, at the center and at eight positions each 30° from the axis.



Images as seen through an ordinary lens. Photographs taken through a sphero-cylinder lens of the same power and in the same position.

Every Punktal lens is corrected so that vision is as distinct through the edge of a Punktal as it is through the center.

• The beauty about a thirst for knowledge is that there is no morning after. •

Home from Olympic Games



Commander Osburn and Trophy Presented by Italian Government.

THE REFLECTOR extends the warmest welcome on behalf of the entire plant to Commander Carl T. Osburn upon his recent home-coming from the Olympic Games. We are proud to have him as an associate here in the plant. Commander Osburn is Naval Ordnance Inspector in the U.S. Navy Office maintained in the plant by the government.

In the recent International Rifle Shoot, which was held in France and from which he has just recently returned, Commander Osburn tied with the renowned Marine, Morris Fisher, for first honors and contributed the spectacular finish that brought the American Rifle Team through with supreme victory over all other nations.

To give a more vivid picture of the thrilling match, and to give a clearer idea of the part played in it by our Commander, we are quoting *The American Rifleman Magazine* as follows: "After a half-dozen kneeling scores were in for each team it was seen that the team record for the position was in danger. By mid-afternoon this probably had become

almost a certainty. Both Swiss and American were literally 'shooting better than they knew how'—that is, they were performing well above their practice averages. A tremendous crowd packed the great concourse behind the firing line, and all eyes were bent in fascination on the Swiss-American duel.

"The Swiss finished at a terrific pace which cut the American lead to a whisper. Their last man fired his final shot just as Commander Osburn began his last string. The American lead was but four points, and Osburn faced a 90, by Zimmerman the last Swiss shooter. He knew how the scores stood, and knew, too, that a new world's record hung in the balance. Always a slow, careful shooter, he began getting his shots off with that cool deliberation that has made Cy Osburn famous as one of the greatest 'pinch hitters' the rifle game has ever known.

His string ran 9-7-10-8-10-9-9-9-7- then a nine needed on the last shot for an American victory. As he raised his rifle for that decisive last one, the tension in the crowd was beyond description, as every spectator held his breath with the shooter. A long aim, and down came his rifle for a short rest; again he aimed long and carefully, and again came down; a third and a fourth time his rifle was up and down. At last on the fifth aim the gun whipped up and back with the crashing report of the final shot. Down raced the target and instantly sailing up from behind the butts came the campaign hat of Grier, American pit representative. In half a second the target was back up, flag wildly waving to signal the last hit—a ten!

"So ended a perfect day for the American riflemen, and one that will long remain in the memory of Cy Osburn, seasoned veteran that he is."



His Target!

☛ When you have got into danger it is too late to seek advice. ☛

Bausch & Lomb Adopts Suggestion System

(Continued from Page Five)

reserves the right at all times to make any changes in the system as may seem advisable.

We will be very glad to try to answer any further questions regarding the operation of the Suggestion System, although we have tried to cover it as thoroughly as space will permit in the above. Send your questions into the Industrial Relations, addressed Suggestion System Secretary.

In closing, we wish to impress upon everyone the wonderful opportunities that the Suggestion System offers, and hope that not only will we all cooperate to make it a distinct success but that we will all gladly exchange our ideas for the dollars that are waiting. Suggestion boxes will be open October 1st, get your suggestion in early before the other fellow beats you to it! Good luck!



Visit B. & L. Booth!

MONDAY, September 1st, will be Labor Day and, therefore, the entire plant will be closed, including both factory and offices. The Balco Store and Garage will also be closed as well as all other plant activities.

It doesn't seem possible that the summer has just about passed and autumn is upon us, but the fact that Labor Day is here tells the irrefutable tale. There is perhaps one consolation that comes with this holiday that so fittingly closes the summer's activities, and that is that it is the opening of the celebrated Rochester Exposition which we folks here in town so thoroughly enjoy each year. The closing of the plant for the first day of the Exposition gives everyone a splendid opportunity to visit Edgerton Park and spend the day there, enjoying the booths, pageant, concerts, midway and the many other attractions that enthrall.

And while you're at the Expo look up the Bausch & Lomb Booth. It's in the Industrial Building. Make it your headquarters. Go in and feel at home.

Have a good time, wherever you go and be back at work smiling, right on the minute Tuesday morning!

B. & L. Sends Men to Citizen's Training Camp

IN the Citizens' Military Training work that has been carried on so extensively during this past summer, Bausch & Lomb has cooperated with the government by assuming a part of the burden in sending young men to the Plattsburg Camp.

The men in the above picture were sent to Plattsburg by the company and, according to the story of the men, they had a glorious time as well as acquiring a very good intensive grilling in the fine art of military science. The men in the picture are, reading from left to right: Harold W. Schwonke, IF Dept., and Donal L. Woodruff, Stk 18, standing, and seated are James R. Orlebeke, Order Dept. and Fred F. Deutschbein, Purchasing Dept.

These men attended the camp throughout the month of July, and worked in with it a very nice vacation while they were at Plattsburg, on the shores of Lake Champlain. The purpose of these military camps is to train young men for the Reserve Officer's Corps of the U. S. Army. *The Reflector* wishes these lads all luck in their undertaking.

☛ The most profitable business in the world is the business of keeping well. ☛

The Reflector

Managing Editor, SIDNEY M. CROSSETT
Printer Foreman, LOUIS J. TETAMORE



Staff Photographer, CHARLES H. CROSTON
SEPTEMBER NUMBER—1924

Here's Your Chance

AS we look back now, we can remember that, in the first job we ever had, we used to hear that exclamation, "Why don't they do it this way or that?" In almost every discussion that came up about what was done in that little factory, where we had our first taste of industry, someone would wonder why the boss did it this way or that way and suggest that he should have done otherwise.

And then we went into the army. It was the same there, but the language was generally a little bit stronger. Right and left, from the doughboy to the generals, (we suppose), it was the same old story. Everybody had a better way to do any given task than the one adopted.

And then we came to B & L. We thought it would be different here, but it wasn't. There was an unlimited number of suggestions for every one thing that was being done. And we came to the conclusion that it's the same no matter where you may go.

Perhaps the reason for this can be found in the fact that there are many, many ways to do a thing. Everybody has their ideas as to just which is the *best* way. Herein, we believe, lie the wonderful opportunities offered by the Suggestion System just adopted by the company,—wonderful opportunities for the business and the wonderful opportunities for every employee. Since we all have our own ideas as

to the best way any given thing can be done, we can, through this system, pool our suggestions and let the *best* of the best be adopted. The Suggestion System places all of us in the position to help supply good constructive ideas and suggestions and to collect reward for our efforts. Here's *your* chance!

And just a word about our *Bausch & Lomb* Suggestion System. There are all kinds of Suggestion Systems. We are very fortunate to have had the company adopt this particular one. In preparing it, a number of the best suggestion systems in the country were studied. The most desirable features of all of these were incorporated in our own and yet our Suggestion System in its finished state is particularly adapted to this organization. One of the biggest and best features, we believe, is the fact that at no time throughout the life of a suggestion is the suggestor's name disclosed in connection with his particular suggestion, unless he, himself, discloses it. Everything that can humanly be done has been done to keep the suggestor's name concealed. This one fact, plus the many other favorable features, cannot fail to make for intelligent and just awards, and we believe give the Suggestion System the popularity it deserves from the people in the plant.

The Reflector wishes you luck on your first suggestion. May it be accepted and your award be bountiful.

On "Washing Up " During Working Hours

DURING the past months a general misunderstanding seems to have developed as to what relation preparation to leave the plant has to the quitting signals. The majority of our departments seem to be clear on the matter, but there are some of our folks and departments who consider the quitting signals as meaning that they should be all washed up and dressed, ready to dash out of the department door as soon as the first note is sounded. Let us quote the plant regulations on this matter:

Signals for Work

Signals will be sounded for beginning and leaving work. Preparations to begin work must be made before, and preparations to leave work after the signal is given.

Signals to quit work will be as follows except where special permit is granted and posted.

Girls (working factory hours)

11:55 A.M. and 5:10 P.M. all days except on Saturdays when quitting signal will be sounded at 11:40 A.M.

Girls (working office hours)

Same as above except on Saturdays when signal will ring at 11:55 A.M.

Washing up and preparations for leaving must be accomplished after these signals are sounded.

Men (working factory hours)

Signal will be sounded at 12:00 noon and at 5:15 P.M. on all regular working days except Saturdays when it will ring at 11:45 A.M.

Men (working office hours)

Same as for men on factory hours except on Saturdays, when signal will ring at 12:00 noon. All men must wash up and prepare to leave after their quitting signal is sounded and not before.

There ought not to be any question about the above. It is very clearly stated. If one person or department is allowed to deviate from this rule, all must be allowed to do so. The business cannot and should not be expected to pay for time that is not given. Our employment contract with the company definitely calls for so many hours of work; there is no reason why anyone should knock off five, ten, fifteen or twenty minutes after the starting signal or before the quitting

signal daily.

The rule applying to washing up, etc., has not been very rigidly enforced in the past, but it will be in the future, since now it has been called to the attention of everyone. Each employee is expected to actually be at his or her place when the signal is given to begin work, with preparations for the day already made, and everyone is expected to remain at their places at work up until the time the signal is given to stop work. Washing up and making other preparations to leave the plant must come after the signal.

On September the second the whistle will be blown along with the regular bell signals. Beginning with this custom, let's begin also to be right on the job every time it is blown, both when it is sounded for beginning work and when the bell is sounded to quit work.

Fire Whistle To Blow for Starting Signal

BEGINNING September 2, the fire whistle, which has hitherto been used only as a signal to empty our buildings in case of fire, will be blown at 7:30 A.M. and at 1:00 P.M. as the signal to begin working operations. The customary bell signals for beginning and quitting work will also be continued, and in case the one is out of order the other will be recognized.

Of course the fire whistle will continue to be used as the signal for a general exit from all our buildings in time of fire. In this case, the whistle blast will be long and continuous. When the whistle, however, is blown daily for the signal to start work in morning and afternoon, the blast will simply be a rather short one.

The blowing of this whistle as a starting signal will tend to familiarize everyone with the whistle, and when it is blown as a fire signal all will at once recognize it as the signal to orderly leave the buildings as laid down in our fire drill instructions. The regular sounding of the whistle daily will constitute two very good tests each day that will insure those in charge that the whistle is in good order and continually ready to properly signal the general fire alarm.

☛ Golfing adds to a man's physical assets. It also increases his lie abilities.—Curtis Folks. ☛



Frame Departments Hold Big Outing At Island Cottage

On the morning of August 9, the men from our frame departments motored into Island Cottage in a cloud of dust and singing, "Hail, Hail, The Gang's All Here!" One of the first things on the program was a grand chicken dinner, and the Rhode Island lads all said they missed the clams that would have come with it if they had been home.

E. Tetzloff, IE-5 Dept. made the arrangements for the party and Jim Welsh, superintendent, gave a brief talk at the close of the dinner, which brought everybody together and started off the afternoon events.

The results of the contests of the afternoon were about as follows: Bill Webster copped the prize of an electric light flash for the Baby Bottle Drinking Contest; Jim Welsh took away the silver pencil offered as a prize for the Egg Race; the Peanut Race was won by Bill Webster who received a pocket knife as prize; Elly Johnson is smoking a brand new pipe now, having won it in the Time Race; Bill Alson and Sue Weakly put on a Cracker bout, and Bill won the box of candy; The Smoke Race was a case of roll your own and was won by Frank Smith, who was awarded with a very nice cigarette case; Pedee Welch walked away with the safety razor set up as the prize for the 100-yard dash; Jim Welsh won the prize offered for the 100 yard walk; The Tug o' War was won by the "Gold Men" and was followed by the big baseball game that closed the day's activities. The teams were arrayed as the "Gold" team versus the "Shell" team, and the score was 19 to 14 in favor of the former.

We are glad to see the frame department men step out with so much pep and will be glad to hear from them in every issue.

Syracuse, Utica, Albany—Albany, that's it! We never can remember the name of that town until we think of what the train master yells as he announces the trains going east. Albany, that's where Adeline Hebel of ID Dept. went on her honeymoon. Oh, Yes! She was married July 19th to Nelson Owen of this city, and the girls of ID Dept. presented her with an electric grill as well as many, many wishes for happiness.

William Cole of ID-3 has very kindly composed and submitted the following bit of humorous philosophy, or prose or whatever you call those sort o' things: "Why don't the sun rise as early now as he did before prohibition?" Answer: "Because the cop has his moonshine all night."

"A horse! A horse! My Kingdom for a horse!" cried Edwin Hart, superintendent of Building 14, as his motor boat on Raquet Lake began to leak. But "Ed" stuck to the ship and finally got her parked on a handful of mud in the central part of the lake, where he lay marooned with the several men and women he had meant to take for a boat ride. Help came in its allotted time and so we have still with us again, by the kind hand of fate, our very good friend. That was a close shave, tho, Mr. Hart!

MG Dept. emptied two barrels of news into our office recently. Both wedding announcements at that! We are told that Mildred Bstry has changed her name to Mrs. Goodman, and that Anna Erhard has changed hers to Mrs. Begerle. We are mighty fond of these girls and they know that as they start out on the road to matrimonial happiness they have our best wishes for success and happiness.

Every so often some camera enthusiast comes in and says there is something the matter with their camera and it wont work. We have recently received a notice from the Photographic Division of the Sales Department to the effect that it will be glad to look over any camera that is brought in with the view of assisting the owner to locate his trouble. Very often the user and not the camera is at fault. We hasten to say that we were cautioned that the Photo Sales Dept. did not pretend to know everything about cameras nor their use, nor do the folks in there guarantee to locate or correct the trouble. All they can offer to do is help you to find out what's wrong. Next time you have trouble, drop in and talk to George Tschume about it.

Two detectives and four officers of the fourth precinct have tried in vain to find a clue as to where Nelson Crane goes on his evening trips in the vicinity of Norton Street. A new development in the case is to the effect that Nel's has heart trouble—and the air in that locality is more stimulating. The suspect when questioned answers in misleading statements, but, if we know him, when he talks he will say a mouthful. Herlock Schlomes is on the case.

☛ Don't expect your friends to do more for you than you do for yourself. ☚



A Scotchman was leaving on a fortnight's business trip and called back as he left home: "Good bye all, and Katherine, dinna forget to make leetle Donald take his glasses off when he's nae looking at neathing."

Here's the kind of spirit we cannot fail to admire! In reporting to us that II-2 department held a sausage roast at Round Pond at Ed Maier's cottage in July, the correspondence said, "We have a small department, but we had a very big time." That's the stuff! According to the dope, the party chef was Frank Sweeney who cooked up the hot dogs to perfection. It is also said that upon discovering that one sausage was left over, the "Sheik" of the department, Manuel Nevid, promptly called two pretty girl strangers who were passing and divided the dog between them. Due to the fact that we received this news item too late for the July number, we had to hold it over until this issue. Get your news in by the 15th of the month if possible, if not as soon after that as possible, Thanks!

We are all mighty glad to welcome back into our midst, Edmund Kandler, superintendent and his wife. He has just recently returned from an extended trip abroad. We are glad to see him looking so well and look forward to hearing many interesting details of the trip and the things he saw on the other side of the ocean. Again, we welcome him home!

We mortals have to swat and shoo
The flies from dawn to dark
'Cause Noah didn't swat the two
That roosted in the Ark.

Sod Bugs Burrow in the Sod At Island Cottage

Since the last issue of our *Reflector* the Sod Bugs have been busy enjoying themselves. On June 28th they motored down to Island Cottage and again on July 16th a fleet of fourteen autos took a trip down to Point Pleasant. As it is the aim of our organization to create a better field for sports, etc., it can readily be seen from the number of men who attend our outings and of the interest taken by them.

At Island Cottage Outing two teams were picked to play baseball, one team was captained by Bro. Bug Peronto, while the other was piloted by Bro. Bug Ted Case. What the score turned out to be is still a mystery but anyway we are convinced that as a third baseman, Frank Kowalski makes a fine glass-blower altho, Randall can play ball, he should never again attempt to play first base as all the baseballs were lost over in the swamp back of said base.

Herb Mailander has seen his days as a ball player and should be warming the bench to make room for some more aggressive players. Also Harry Catteau, in going after fly balls, should learn not to fall in swamps. It has been suggested that at our next game the bases be moved out further in the field as every time Elmer Quin hits the ball he just takes one step and he is on first base.

During the pastime two men were over yonder, playing quoits, Dean and Lofgreen, some say they are still wondering who won the most of the games, but one report has it that Bro. Dean claims he won by the score of 75 to 46. Right along

side of Bro. Miller who was getting the inside paraphernalia ready for the Bugs to eat-up was noticed Bro. Klinkert, Bro. Bauer, Bro. Chapin, and a few more Bugs eating as though the Bugs didn't have a feast for a month.

Down at Point Pleasant on July 16th a very enjoyable time was also had, even tho Bro. Catteau again got into trouble going after fly balls when he fractured the little finger of his right hand. The Bugs had some new faces among them at this outing, such as Geo. Zimmerman, Geo. Mears, Bill Wolfe, Harry Montgomery, Harry Bloss, Gus Zimmerman and a few others.

A splendid bean supper was furnished by the Sport Committee, and all were well pleased. Bro. Montgomery after partaking several plates of beans was convinced that he had finally eaten enough to enable him to play a few games of quoits. The Boys always have an umpire along to settle the hot arguments about balls and strikes, the said ump was none other than Bro. Zwierlein who handled the game in great fashion except when he found trouble with his cigar in his effort to see the home plate. Bro. Eddie Hall was the outstanding feature of the game his clever sliding to home plate with the aid of Bloss was a revelation to the spectators and gave them many good laughs. As the night came on several strolled over to see the mermaids doing some splendid diving and others went to play cards, all in all everyone had a good time and are now waiting for the next one to come. —Sports Committee.



Purchasing Dept. Has Frolic

Sunset Point at Durand Eastman Park was the spot selected for the Picnic and Sausage Roast of the Purchasing Department. The group picture is interesting inasmuch as

the group comprises brides and grooms and near brides and near grooms and one old Bach. It was hinted at the picnic that any number of announcements may be made soon.

The Balco Chess and Checker Club

THE Balco Chess and Checker Club was organized in the spring of 1920 with a membership of twenty-nine men. The object of the Club was to advance the knowledge and cultivation of the games of chess and checkers, to promote social intercourse among its members, and friendly relations among similar organizations, and to cooperate with them in all matters pertaining to chess and checkers.

At present the Club has a membership of twenty men who are all chess players, the question of checker playing being almost forgotten. It seems the general tendency of new members is to become chess rather than checker players, altho we most heartily urge all checker players to join us and revive this sport.

During the existence of the Club it has had challenges from the following clubs for matches.

Rochester Chess Club
Camera Works Chess Club
Kodak Park Chess Club

We have also had a challenge for a checker match, but due to the lack of competent men in the game of checkers, we were forced to decline the challenge.

You have probably noticed that during the lunch hour there are scattered throughout the dining room small groups of men who are earnestly engaged in a friendly game of chess or checkers, and from all appearances these men take a great deal of interest. Our supply of boards and chessmen and checkers are in great demand during this period.

One word to the men in our plant

who can play, or who would like to learn to play, chess or checkers and who as yet have not joined our Club. Don't you think it would be a good plan to join our Club and get the best men in our plant to represent it at future challenges? Let's show Industrial Rochester that the optical boys can also turn out as good a quality of chess and checker players as optical goods.

At this time I take great pleasure in extending to anyone interested a very hearty welcome into our Club. Our meetings are held once a month in the B & L Dining Hall at 5:30 P.M., and at this time a luncheon is served to all attending the meeting.

Anyone interested in joining our Club is requested to get in touch with any of our officers or the Industrial Relations department for further information.

The officers of the Club are:

President
Fred Gebhart, TE dept.
Vice-President
George King, IH dept.
Treasurer
John Gast, TA dept.
Secretary
Wm. Woerner, LD dept.

Signed: William Woerner,
Secretary.

The Frenchman: "You told me zat ze words 'sight' and 'vision' vair ze same."

His Friend: "Sure they are."

The Frenchman: "Well, non Dieu! Why did my girl give me ze—vat you call?—razzberries when I call her a 'sight'?"

Wedding Bells will ring out merrily on the 10th of Sept., alright! Our old friend Jack Roth is going to slip the ring over the dainty little finger of Gladys Kenter. Although we are all mighty sorry to see Gladys leave us, we are glad—under the circumstances. Be assured that you take with you, Gladys, the best wishes for health and happiness. This is just a little advance notice but we thought we ought to say something about the fact that we will all drop in to supper some evening after the event.

Lens Grinding HQ Party

Below is a miscellaneous bunch of broadcasting picked up during the IC Dept. outing at the Saegmuller cottage at Canandaigua Lake.

George Goetz—There's the green barn!

Otto Albrecht—When do we eat?
Herman Gesell—Where is the Y.W.C.A. Camp?

Bill Bulau—It ain't going to rain no more!

George Gloor—Pass the plums (olives).

Kern Larkin—I don't have to be afraid of getting my hair wet.

Claude Nagle—Come on, Louise, let's go for a ride.

Louise Mandel—Alright!

Walter Last—There goes Claude and Louise!

Thelma Hoesterey—Sure, why not?

Everybody—Chester, get the ball!
R. Kolb—Wolf, I thought you were going bathing.

Wolf Buedingen—I forgot my bathing suit.

Rudy Kolb—Yeh, on purpose.

Carl Haering—Hey, fellows, help me get this bathing suit on.

Ruth Maibohm—I want to go home with Mr. Gloor.

Jeanette Jacobs—Then I'll walk.

Irene Guenther—Where will I put the dust?

George Saegmuller—Have you still got them on, Teddy?

Angie—Behave yourself, Jeanette.

Edna Heberger }
Dorothy Carson } Not
Clara Bott } broadcasting.
Chester Minges }

Foreman—Here now, Murphy, what about carrying some more bricks?

Murphy—I ain't feeling very well, guv'nor; I'm trembling all over."

Foreman—"Well, then, lend a hand with the sieve."

When you have got into danger it is too late to seek advice.

Precision Optics Team Wins First Half of Series

WITH the beginning of the vacation period, the first half of the Bausch & Lomb Indoor Baseball League drew to a close. When the smoke of battle cleared away, Precision Optics was seen to be at the head of the league, having registered 8 wins and 7 losses. They, therefore, cut themselves a piece of cake for the first half. Closely following them came the two teams that are tied for second place: namely the Reflectors and the Spectacles, both having won 9 and lost 8. These two neck-an'-neekers will play off the tie so that the winner will establish itself unquestionably in second place for the honors. As will be seen from the table given below for the first half of the series, the Microscope team ran amuck, coming in for fourth place. However, by their unfortunate standing in the first half, they may have picked up a few pointers and, during the second half of the series, will show the other fellows a thing or two.

There was a very gratifying point connected with the first half of the series, that was the fact that the interest in the league grew even greater and keener as the end drew near. The crowds got bigger every day right to the end, and the enthusiasm was at its pitch. We were glad to see it and look forward to exceptional interest at the close of the final half, which we have just launched.

The standings of the league for the first half was as follows:

Name	Won	Lost	Percentage
Precision Optics	8	7	533
Reflectors	9	8	529
Spectacles	9	8	529
Microscopes	7	10	412

And now the second half is on. The standings thus far are as follows:

Name	Won	Lost	Percentage
Microscopes	3	0	1000
Reflectors	2	2	500
Precision Optics	1	2	533
Spectacles	0	2	000

Although it is pretty early to boast, the start is very encouraging. The playing is good and the interest and crowds are satisfactory. From now on Fred Zollweg will take over the management of the Reflectors

and Joe Miller will jump into the umpire's shoes. We wish them both success, but Joe, particularly, will need wishes for luck, being as how he will endeavor to umpire.

This sounds like gossip, but we are told that the old apple and the old cherry tree out in right field have been cut down to give the fielders more elbow room for their profession of fly catching. With all these improvements, even the Rochester team ought to show some progress. Let's go!

B. & L. Quoit Tournament

BAUSCH & LOMB is going to have a quoit tournament. Too bad more of our folks this year haven't taken to the game to get in a little practice. However the fight is on!

All entries must be sent in to the Industrial Relations, address them to John Mayne, on or before September 3rd. There will be both single and double plays, and those who wish to enter the doubles may select their own partners. First come, first choice!

The tournament will begin at 12:15 noon, on September 8th. Two judges will referee. Entry blanks will be supplied at the Candy and Cigar Store. Prizes will be awarded the winners.

Below is given the list of rules that will govern the tournament:

- 1—Quoits hitting quoit boxes are counted out.
 - 2—A ringer counts five points.
 - 3—A huber counts three points.
 - 4—The nearest quoit or quoits to the post will count one or two points as the case may be.
 - 5—The best two out of three games will constitute a series.
 - 6—Twenty-one points will constitute a game.
 - 7—No player may step past his own box when delivering a quoit.
- Them's the rules, boys, go to it!

Tramp—Any rags, paper, old iron to sell?

Head of the House (irately)—No, go away; my wife's away for the summer.

Tramp (smilingly)—Any bottles?



Here they are or were last night on the old back porch—just sitting around awaiting for something to turn up. Reading from left to right ladies and gentlemen, we have George Frankenstien, Jake Brown, Teddy, the Flagbearer, Al Stutz and Paul Ebert. They're all B & L boys and spent their vacation days at Point Pleasant. Look 'em over for the wonderful tan they got, girls!

Well, we'll confess! We don't know just how to go about the writing up of this news item. We want to make just as big a thing of it as possible, but, gosh, after all it's such a little thing! Only six pounds. Anyway, Elmer House tipped us off the other day that the stork visited his home on August 7th and left the queen of all youngsters at his door. Taking the little child in, Elmer and his wife have christened her, Phyllis Dorothy House. Congratulations Elmer and thanks for the cigars!

Poet's Corner

It's great to be an editor,
To sit up late at night,
And scratch your wool,
And throw the bull,
And write, and write and write.

Whatever trouble Adam had,
No man in days of yore
Could say, when he had told a joke,
"I've heard that one before."

I went to a fountain with Mary
And met with an awful mishap;
For I awkwardly emptied a bottle
Of soda all over her lap,
But Mary was gentle and gracious
(For none is so tactful as she)
And smiling with perfect composure,
Said sweetly, "The drinks are on
me."

Passes His 94th Birthday

On Friday, July 25th, Mr. John J. Bausch, head of this organization, celebrated his 94th anniversary. As in the past the folks of the plant joined in wishing him many, many happy returns of the day and expressed their sentiment in a gift of 94 American Beauty Roses.