MINIATURE AND PRECISION CAMERAS
by J. LIPINSKY
A detailed and thorough study from an engineering point of view of the mechanism and problems involved in the design of modern precision cameras. A technical work for those whose work requires unconventional uses of their cameras. Of particular interest to manufacturers, as well as professional photographers, camera repair men, etc. 300 pgs. 8¼ x 5½”. 344 illustrations.

$7.95

MINIATURE AND PRECISION CAMERAS
by J. LIPINSKY

CAMERA CRAFTSMAN
VOL. 3 Published for students, graduates and friends of the National Camera Repair School NOVEMBER DECEMBER 1957
No. 4

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THE MONTH'S COVER:
The cover of this issue expresses the wish for a joyous Holiday and a prosperous New Year from the staff of NCRS.
No Sept-Oct. issue of the Craftsman was published.

STAFF
CLAIR H. SCHMITT ...............EDITOR
THOMAS SHEVLIN .............ART DIRECTOR
FRANK H. CURTIS ...........ADVERTISING MANAGER
GLENN M. WALTERS ........PRODUCTION MANAGER

2 THE CAMERA CRAFTSMAN, NOV.-DEC., 57
The Director's Viewpoint

By SAMUEL L. LOVE

As recently as 50 years ago, the craftsmen in almost every field regarded their skills as the sort of prized possession that should be guarded with miserly fervor. Having acquired the "secrets" of his trade, the idea of passing them on to others, indiscriminately, was regarded as a foolish way to place one's earning power in jeopardy.

Contemporary trade unions operated on the same premise as the original "guilds" of centuries ago. One of the most important functions of the group was to harbor the cherished secrets of the craft.

Then began a rapid surge in the growth of American Industrialism, with the need for more and more skilled craftsmen. Gradually, over a period of many years, a major change has taken place in most skilled crafts. As much attention has been placed on the problems of disseminating information as was earlier placed on keeping secrets. Today, most people recognize that they would indeed be old before they wrested all of the secrets of their craft from experience. Progressive men and women have always searched eagerly for new ways to learn more from the experiences of others. Having graduated from a school or emerged from an apprenticeship or otherwise acquired the basic knowledge of a trade or profession, actual experience must still be coupled with more or less formal learning in order to be most effective.

Whether it is a medical association, an engineering society, a trade union, a management club, or a craftsman's organization, today you find more and more groups of individuals having a common interest gathering together in order to share ideas, plot future progress, and provide collective benefits to each other.

No one questions the value to the individuals who thus share their experiences for mutual benefit. Often it is difficult, especially in a budding craft, to establish such a useful organization. Since the primary purpose of any such organization is to share experiences, and the sole purpose of a school is to spread knowledge and experience, the professional or trade society often is a natural successor to schooling.

The important feature of any association is that it be founded on the idea of sharing information and not hoarding it. In this respect, the National (Con't Page 4)
SPECIAL TOOLS
FOR YOUR SHOP

Z-1 SOCKET WRENCHES
are easy-to-use wrenchof light weight aluminium for hand
work. Non-slip and non-siware for men's
size. Design permits reaching hard-to-get-at
places.

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STRAIGHT DRILL BITS
are specialists in small tools, we offer the hobbyist and inter-
cests motor which delivers on high quality material in
small drills in small lots. The drills are available in all numbered
sizes from 00 to 80. Other small drills are available in con-
cluded and available sizes and can be repaired at

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Director's Viewpoint (con't)

Camera Service Men, established as an organization
for Camera Craftsmen and open to all students and
graduates of NCRS welcomes any camera repairman
who has a desire to share ideas with other members
of his profession.

ROCHESTER PHOTO SALON
SCHEDULES 22nd SHOW

Photographers in over 40 countries plan to
submit pictures for the 22nd Rochester International
Salon of Photography, Inc., the world's largest urban
photographic exhibition, opening March 1, 1958, at
the Memorial Art Gallery in Rochester, New York,
USA.

Closing date for entries in the Salon is Febru-
ary 9, 1958. Data and entry forms are available
from:

Mr. Norton Brownell
298 Lettington Drive
Rochester 11, N. Y., USA.

Acceptances in the Rochester show will be on
exhibit through March 30, 1958. The salon has five
sections: PICTORIAL COLOR SLIDES, PICTORIAL
PRINTS, NATURE PRINTS, NATURE COLOR SLIDES
and STEREO COLOR SLIDES.

The 22nd Rochester Salon will award 18 med-
als. Fifteen Rochester Medals in bronze will go to
the best three photographs in each of the five sections.
Two silver Photographic Society of America Nature
Division Medals will be given, as well as one PSA
Stereo Division Medal for the stereo slide showing
most originality in application of stereo techniques.

If either print section is entered singly, the
entry fee is $2.00. If both print sections are entered
the entry fee is $3.00. The fee for each slide sec-
tion is $1.00.

Where currency restrictions make dollar re-
mittance impossible, ten International Reply Coupons
should be forwarded for every dollar of entry fee.

The 22nd Rochester International Salon of Photo-
graphy will be conducted according to the recommend-
ed practices of the Photographic Society of America.

The Salon aims to advance photography as a
medium for artistic expression. Exhibits in the Salon
illustrate new practices and contemporary techniques
of photographers throughout the world.
This is one for the book (Camera Craftsman) and maybe someone will want to top mine, or offer lots of criticism. Nevertheless, here goes:

One of our local Camera and Pawn Shops had the misfortune of a fire which made it necessary for most of the cameras to have a complete checkup before they could be sold to a customer. This definitely was an advantage for me. Not that I appreciate anyone having a fire, but that I was in a position to be of service. I immediately contacted the managers and it meant a lot of work thrown into my lap. Or maybe to put it correctly -- about four bushels of cameras at once (130 cameras in all) which kept me busy for the past month.

Also the Pawn and Camera Shop made a deal with me for about $2,000 worth of cameras which needed to be serviced. I have so many cameras now that I will have to build more shelves to take care of them until they are all ready for market again. I do not have to rush anything but can spend as much time with each camera as necessary and believe me it will be a good education in camera repairing by the time I am finished.

Earl F. Donaldson
Corpus Christi, Texas

Since I sent in my last lesson quiz I have moved my residence and shop. This move has kept me very busy this summer. First I had a lot of work to get the new place ready to move into and then get the old one ready to rent out. All of this extra work along with a very good amount of camera and projector repairs has not left me with much time to devote to my lessons.

I have been appointed by Geiss-America to operate a Gauthier Shutter Service Station, and in the past two weeks I have had six Prontor SV and SVS shutters to go thru and clean.

Howard B. Myers
Tucson, Arizona

Considering our most recent start in this area where there is a lot of competition business is good. Not getting rich yet but I am getting started.

You might push the flexible shaft motor to all students for it is something I use everyday and I'm glad I have it.

My present headache is a --- projector which loses its lower loop. Hope I can work it out for the (Con't Page 8)
HIGH-VACUUM COATING

Charles Chopnick
Pacific-Universal Products Corp.

Low reflectance coating of the surfaces of lenses, whether glass, plastic or crystal, reduces reflection to a minimum and thus increases useful light transmitted to the image. However, elimination of stray light is often more important than increased light transmission. This is because light traversing an uncoated optical system suffers a reflection loss of from 4 to 7 per cent for each surface. The reflected light which is "bent" and "bounced" among successive lens elements often produces "flare", dims contrasts and results in ghosts and shadows.

In photography, whether amateur or professional, home movie fan or cinematographer, this is very damaging to clarity, contrast and color fidelity. Coated lenses give their user a freedom of subject selection and lighting with less concern about backlighting, highlights and "kick" from flash bulbs. This, plus added speed from the lens, saves many an otherwise impossible shot. When coated filters are used with coated lenses, they become a part of the optical system as inter-reflections are eliminated and increased light transmission is gained.

Binoculars, telescopes and microscopes are greatly improved by lens coating. Freedom from multiple images and degrading contrasts is obtained and visibility is greatly enhanced. In the Armed Services, this is not only highly important in binoculars but also with fire control instruments, range finders and other devices. Rifle spotting scopes are also improved with lens coating, which free them from flare and masking shadows. The increased light-transmitting and contrast-rendering ability of the coated lens permits shooting or spotting under adverse conditions of visibility, as at dawn or dusk, which would not be possible with uncoated lenses.

Metallographic apparatus and other scientific instruments are now being supplied by the manufacturers with coated lenses. Ophthalmic lenses, when coated, provide better sight and greater comfort. They improve appearance, reduce eye fatigue, eliminate ghost images, make for safer night driving, and enhance visual acuity.

In metallographic equipment using vertical illumination, the light is caused to traverse the objective toward the specimen. Thus it is partly reflected toward the photographic plate by each surface encountered. Through coating, these reflections are so reduced that the plate receives primarily image-forming light and previously masked detail.
and contrasts are made apparent. Colorimeters, refractometers, contour projectors, spectrographic instruments and similar units are all greatly improved by lens coating.

Lens coating is essentially the depositing of a very thin hard coating of magnesium fluoride on the surface of the lens. When a camera lens, or binoculars, or other optical part is to be coated by Pacific Universal Products Corporation, it is first disassembled and the lens carefully removed from its mount, if practical.

This is not only a protection to whoever does the coating, but it brings the customer's attention to any shortcomings of his lens. If there is deep tarnish or fine scratches, these are removed when practical, by polishing. This is not done, however, unless it appears that the ultimate performance will be improved. Polishing, when necessary, is performed with precision factory type pitch tools fitted to the curve of the lens.

The lens goes through various cleaning operations depending on the nature of the lens and mount, to remove every trace of film, grease or dirt. It is then carefully placed in a bell shaped jar in which a vacuum is created to remove all the air which might interfere with the depositing of the evaporated magnesium fluoride on the exposed lens surface. This deposit is built up until the color changes to the desired hue, from straw to a deep blue.

The technician watches very closely as the color indicates when the desired thickness has been reached. This thickness (4/1,000,000) is so slight that it is necessary to determine it visually rather than by mechanical means. The coating is accomplished by evaporation of the fluoride at a temperature of about 2400 degrees F. and is actually fused to the surface of the optical part under a vacuum of 1/10,000,000 atmosphere yielding a very durable coating that is highly transparent.

Some automatic vacuum coating equipment use optical methods to measure the thickness of the coating. A collimated beam of light is reflected from the surface of the lens being coated. The reflection is then picked up by photo electric cell and at the actual point of minimum reflection, the vacuum coating process is stopped. This minimizes the human error that occurs in judging the color of the surface being coated.

After processing, the lenses are returned for assembly to the same technician who did the initial dismantling. Thus the responsibility is individualized. The lens or assembled unit together with the performance notes is placed in a dust-proof bag and packed in a suitable box or other container for return shipment.

(Con't Page 8)
Vacuum Coating (con't)

Over the past fifteen years, high vacuum coating has been transformed from a laboratory practice into an engineering science. Such work includes the deposition of conducting and insulating films on glass, plastic and ceramics to produce electrical components, special mirrors and many other coatings are produced utilizing the advantages of high vacuum deposits.

The thermosensitive elements of pyrometers can be applied by evaporation to certain surfaces to reduce heat transfer losses and thus reduce temperature errors to almost zero. The techniques of evaporation lend themselves to a production of sensitive elements in a variety of forms ranging from resistance elements of large area to those of thermocouples of microscopic dimensions.

One cannot complete this description of the important uses of coating without some reference to large scale applications, e.g. the aluminizing of cathode ray tube fluorescent screens to improve their light output, the metallizing of capacitor tissue, the aluminizing of automobile head lamp reflectors and decorative, industrial, electrical applications—especially with the demand for smaller and smaller parts as used in airborne and military services.

Reports (con't)

Dota C. Brown
Encinitas, California

At the present time I have one source of work here, and that is a retail outlet. The volume there had small beginnings, but has picked up to about $75 per month, and anticipate more once advertising commences.

I have set the "press" here up on a quarterly inspection of their cameras and will keep a service record of each camera. Too, I have been assured another outlet in Minnesota as soon as I "give the word." It would appear that the matter will present excellent opportunities.

R. J. Blesener
Minot, North Dakota

Since my visit to the School last June I have been literally swamped with work, which of course left me little time for study. With the vacationers tucking away their cameras until next year, perhaps I can get back to my studies once again. I still rate your course ace-high and would recommend it to any one.

Paul Ruminsky
Lorain, Ohio
HERE'S WHERE SERVISHOP CRAFTSMEN LEARN AND EARN
Made a change in your shop lately? Make a quick picture
or two and send them in. Share your ideas.

Frank Black
Barberton, Ohio

C.S. Koralewski Jr.
Toledo, Ohio

Paul Rumiensky
Lorain, Ohio

John L. Ellis
Corvallis, Oregon

John E. Selléw
Burlington, N.C.

Ellis Bundy
Detroit, Michigan
If you want to, you can. You can improve your word power. You can make your speech more forceful and convincing. And this skill will be well worth whatever time and trouble you spend on it. Better jobs, increased prestige in both social and business circles, more interesting friends, come to people who can express their ideas clearly and forcefully.

Adding words to your vocabulary is the key. If you learn a new word every day for 20 years, you should have a vocabulary as large as Shakespeare's, the great master of the English language.

Adding words is not difficult. First, it means learning to use the words you already know, but don't know you know. We all have three vocabularies. Your "reading vocabulary" -- the words you understand when you see them on paper -- is the biggest. If you're average, this vocabulary contains somewhere between 25,000 and 30,000 words. Your "writing vocabulary" is much smaller -- perhaps 10,000 words -- because there are many words you understand in print but never think to use when you write. Finally, in many ways most important, there is your "speaking vocabulary. You must build this up, if you are to be a fluent and provocative speaker. But if you do, when you talk, people will listen! You will express yourself forcefully, explain your ideas with ease, and never be at a loss for words. If, like most people, your thoughts are now the prisoners of a meager speaking vocabulary, now is the time to do something about it. Your effectiveness on your job may depend to a greater extent than you suspect on your ability to express yourself. If you aspire to an executive position or a business of your own, a powerful speaking vocabulary is essential, for a leader of men requires the economy of time, and the respect from others that comes with not hemming and hawing.

What to Do

If you can read and understand all the things you want to read, your reading vocabulary is probably big enough right now. Now the "trick" to improving your spoken vocabulary is to learn to use the words you understand when you read them.

Here's how:

1. Read aloud for 15 minutes every day.
   It's a psychological fact that you learn faster if you use more than one of your senses in learning. Reading aloud will let you see and hear the words you never use, but understand.

By reading aloud, we don't just mean mumble. Sing out those words in clear, rich tone. Talk loudly enough for someone at the other end of the room to hear you. But be sure to do this while you're completely alone. Otherwise you'll be self-conscious and unable to concentrate on the words you're using.

2. Get the dictionary habit. One reason you never speak many of the words in your reading vocabulary is that although you really know the meanings of these words, you're not positive you do. Everyone needs a good dic-
tionary. The definitions should be clear and simple and there should be many examples that show how to use a word in a sentence. Meanings and pronunciations of words change as years go by, and even the best dictionary is not very reliable after five years. Clarence L. Barnhart was a colleague of the late great Edward L. Thorndike in bringing about what Life magazine has called a "revolution" in dictionary meaning. He is today at the head of the Thorndike-Barnhart Dictionary Series, and keeps a permanent staff of research workers and scholars working to keep the Thorndike-Barnhart dictionaries up-to-date. Whatever dictionary you have, learn to use it to fullest advantage. There are simple rules and helpful hints in the front of most dictionaries to guide you.

Use the Right Word at the Right Time

Using slang isn't a "sin." Sometimes it is the most forceful way to express what you wish to say. But be careful not to use it when you are speaking formally. A "gag" is a "joke", but if you think for a moment you will realize you wouldn't use these words with exactly the same people in all situations. You might say to a close friend, "What's the gag?" But you would probably hesitate, or should, to use this expression with a man whom you are asking for a job. Remember that there are various words for many things, and be careful to use (your dictionary will help you in doing this) the word that is just right for that particular situation.

3. Practice using your "reading vocabulary" words in speaking. Don't always say "walk" when your reading vocabulary includes all the colorful variations such as march, step, tread, pace, plod, trudge, slink, wend, strut, promenade, stride, shuffle. Take the word march, for example. It means "to walk in a stately manner." Use the word, preferably aloud, in five sentences. Now you own that word and you'll find yourself using it easily. It's yours forever.

When you've acquired a new word, show it off. Try it on your wife. Use it at the office. Keep using it until you've forgotten it is a new word and you have gone on to other words which you are breaking in. When you've added march to your speaking vocabulary go on to step, tread, pace, and the rest. Next, pick another category of words. Then another. Depending on how fast you work (don't rush) you'll find yourself adding to your vocabulary week after week.

An endless task? Yes. But as you go on, you'll find that you are winning increased attention when you speak. Friends and associates will be quicker to turn around or lift their heads when you call their names. On the job, you'll say what needs saying in a minimum of effort. You'll get your ideas across.

You'll find that you are talking your way to success!

THE CAMERA CRAFTSMAN, NOV.-DEC., 57 11
Hi there, Students --

It looks like you may be hearing from me for awhile in the Camera Craftsman. If NCRS starts receiving cancellations to the magazine, I'll know why!

As you probably know, I'm the little girl who tries to help you out on some of your questions and most of all, your special requests. Just write to me and really give me heck if things aren't going just right with you from Student Service. As most of you know, I can make Boo-Boo's about as fast as you can say Jack Sprat, and I want to straighten them out just as badly as you want me to. OK? OK, Gee, I'm sure glad we solved that problem. Please--just bear with me cause I really do have good intentions.

Thanx.

You are all doing very well in following the instructions given in your "Student Guide." By the way, if any of you have not received this little booklet, or if any of you may have misplaced it, please let me know and I will be happy to send you one.

Seeing as how this is a correspondence course, mail at times can be very confusing unless it is carried through in the proper way. Please try not to forget to put your student # on all correspondence mailed to the School. By doing this you will receive much faster service. Otherwise a letter from you with a request or a question may become misplaced or filed incorrectly before being taken care of properly. In such cases as this, if you do not hear from us within a few days, just drop another line, and chew us out, and patiently await a very quick reply. What makes this whole matter interesting is that we are no different than you. It just so happens that we have to be put in line at times just like you students. Ha!

If I may, I would like to take a minute to gossip a little about some NCRS students.

Mr. Joseph Poley of Alald, Penna. and his wife were in an auto accident a couple of months ago and we want to wish them complete and rapid recovery. How is the finger by now, Mr. Poley? Hope your wife is feeling fine now too.

Also, Mr. Bill McHenry of Bethesda, Maryland and his wife were involved in a very serious auto accident in September, which ended their vacation in Florida. They were both very seriously injured (Con't Page 16)
Our Students Speak

Received my new "Kennedy" tool box today. Terrific - just what I've been looking for. And the price was right.

Robert Sieracki
Meridan, Conn.

I was tickled pink when I got the lesson on the Argus C-3. I used one for 6 years. There are a lot in use and it seems like a simple camera to work on. I have my hole locating jig made already for the gear train in it.

Charley Schickel
Lancaster, Pa.

I don't believe I have done anything in repair work, so far, that has given me as much of a thrill and intense interest as the complete study of synchronization. All phases of this subject are unique in operation. It is, in my estimation, one of the most important segments of shutter understanding.

The use of the tester shipped me completes, in my mind, the understanding of the cycle of operation. The shutter, even after reading and re-reading the text, remained somewhat a mystery as to exactly what the blades were doing. Only through the electronic tester does this completely clear up.

Chester Crumrine
South Bend, Indiana

I have enjoyed the work on these shutters. What scared me is beginning to take on a less complex look.

S. L. Peck
Kansas City, Kansas

I find the lessons to be well written. Anyone can follow the instructions and do a good job removing and assembling the shutters by following your instructions. Your method of study on this work is wonderful, the making of the cycle of operation (Con't Page 14)

Nat Line
Flexi - Clamp
WRENCHES

T 751-12P $3.50 ea.

THESE WRENCHES are very effective tools for removing Lens and Retaining Rings that do not have built in Spanner Slots. You will not mar fine finishes or damage delicate lens mounts when you have a set of these wrenches in your kit. Available for any size diameter job. SIZES IN STOCK to fit: EASTMAN KODAK LENS CELLS POLAROID LENS CELLS LEICA View and Rangefinder caps OTHER sizes available on request PLEASE state size or purpose required when ordering.

Popular sizes: 7/16, 1/2, 3/4, 1-1/8, 1-1/4, 1-1/2, 1-3/4

Servishops Product
National Camera Repair School
Englewood, Colo., U.S.A.
You will work better when you see better with this new Binocular Magnifier. It may be worn with or without eyeglasses. Leaves both hands free to work. Fine tolerance and precision work can be done easier, faster and more accurately using this equipment. With the Magni-Focuser you see an object in third dimension greatly magnified — with depth and clarity. It reduces eye-strain and prevents squinting — thereby saving time, increasing accuracy and minimizing the chance of errors and accidents. The head-band is adjustable for your comfort. Normal vision may be resumed by slightly raising your head.

Model No 3 magnifies 1-1/2 times at 20” Price $10.50
3 1-1/2 times 14” $10.50
7 2-3/4 8” 10.50
10 3-1/2 4” $12.50

No 13 and 17 are the same as No 3 and 7 with an auxiliary lens attachment which gives magnification of 4-1/4 and 5-1/4 respectively, with the right eye only.

Priced $15.00 each

---

Students Speak (cont)
Charts certainly help one to become thoroughly familiar with the operations of these shutters.

Virgil Marquart
Fort Wayne, Indiana

Although I have only partially completed your course to date, I have been able to repair most any still camera that has come my way—many thanks to your fine course.

Paul Ruminsky
Lorain, Ohio

So far this course has not cost me a red nickel — it is paying for itself.

Robert McDermott
Coatesville, Pa.

Thanks for your telegram of the twenty third, today I shipped by Express prepaid (my pride and joy) my Motion Analyzer. I packed it in double cardboard boxes with packing both between the boxes and inside the inner box.

I hope the damage is not great and that I will have my instrument back in the shortest possible time. Have you ever tried to wash your face with only one hand? That is the way I feel when my shop does not have "Millie" in it.

E. Burton Shofner
Hanford, California

I am very much impressed with the first lessons — the course appears to be a real challenge and all I could ask for.

Ross P. Faulkner
Oklahoma City, Okla.

---

Dedicated with malice aforethought
To: Bud Fowler
From: Thomas D. Hanger
KITS KITS KITS

YOU'VE ASKED FOR THEM AND HERE THEY ARE...

KITS NOW AVAILABLE

1/4 Price!
Your TRANS-RAK Costs you only $1.00 with any ServiShops Kit order totaling $20.00 or more!

* Rivet Assortment $7.50
* Wind Assembly Assortments
  For Box Camera $6.95
  For Popular Priced Folding Camera $6.95
* Synch Installation Kits
  External (Connectors, Insulators, etc.) $9.75
  Internal (Replacement Parts, Contact Material, etc.) $15.50
* Shutter Blade Assortment $9.90
Flashcord Assortment (6 cords)
Spring Wire Kit
  3" each of sizes .011, .012, .018, $1.00
  .020, .022
  6" each of sizes .040 and .050 $17.50
Bellows Kits
  14 Bellows in popular US sizes $11.50
  19 Bellows of 616, 621, 116,
  120 and VP

*When TRANS-RAK is not ordered, these KITS include a P2-1 plastic tray for storing.
Now you can keep all of your texts neatly in order. Each text is held securely and the binder may be opened to any page in any text, yet each is instantly removable! 5-1/2 inches wide, your binder holds forty texts ready for immediate reference. Here is a worthy adjunct to your Camera Craftsmanship course. Price only $4.95

SPECIAL SUBSCRIPTION RATES FOR STUDENTS

"Photographic Trade News"
"Photo Dealer"
Regular 1 year Subscription $3.00 each for only $2.25*

ORDER THEM NOW!

Also available at student rates*
"Modern Photography"
"Popular Photography"
"U.S. Camera"

* U.S. and Possessions only

but we can all be thankful that it wasn’t fatal. Mrs. McHenry is still in Florida, hospitalized, and we’re all hoping she will soon be out and back home again.

Bill is back at his studies and receiving wonderful grades. Good luck, Bill.

Dota Brown is doing great in his camera shop in Encinitas, California. We always enjoy hearing about Dota as he is also a ventriloquist, comedian, and magician. He really keeps us bouncing here at NCRS. When he enrolled we didn’t know at first what we were in for, as there was never a dull moment. He wrote for the first couple of months every day with some kind of joke or prank behind it. We loved every minute of it but now that he is busy with his new business and does find time to write, it is only a short line. Dota -- if you’re reading this I want you to know that I have that feeling of being neglected. Ha. Well -- tell your nice wife hello for me and why don’t you sit down and write a line or maybe two (if you can find the time.)

How’s the lesson coming there in Oklahoma, (Cousin) Edwin? I’m still looking for that next lesson. Why don’t you surprise me and send it in. Your grades are fine - keep up the good work. You told me not to give up on you and I won’t. OK? If you’re really having any trouble with your studies, please don’t hesitate to holler for HELP!

I’ll close this column for now, students, for time is running out. Hope the Flu Bug has not caught up with all of you. I know it has reached a few because you have written in to me explaining the delay in your lessons. Thanks for being so thoughtful. I really appreciate it when you let me know there is a delay in your lessons due to unforeseen causes. That way I don’t hound you to death to send in a lesson.

Thanks for letting me take this opportunity to yak at you and may God bless you and take care of you always.

Yours truly,
Delphine

Tie camera repair in with "May Is Picture Month", The Master Photo Dealers and Finishers Association (MPDFA) is having a drive to promote a "May is Picture Month" idea. Such a promotion can aid and improve all photo business, including camera repair work. See if you can’t tie in your services with that of your local photo dealer, perhaps with free clean-ups and other preparations for that special season. You’ll be hearing more about this promotion and how you can coordinate your own efforts with it, later.
I am really amazed at how much repair work I can now handle. It is not only very profitable but most interesting.

Harold Adams
Rockport, Massachusetts

I have just started lesson 9 and to date I feel that I have a completely new interest in photography in general.

I have been working in the photo business since 1937 which is now twenty years and I have worked with some very experienced men, some of them were considered tops in their field.

I had occasion to discuss a few simple principles of photographic optics with one of these men and I was amazed just how little he really knew about the subject.

I also believe he was equally surprised to find out that I was pretty thoroughly versed on the subject. He has since come to ask me several things on various phases of this work.

As described in an earlier text the customer has confidence in a repairman who can talk intelligently on a subject in point.

I feel that this self-gained confidence has been more than enough reward for the little time and effort I have put into my lessons.

Michael V. Sciullo
Brigantine, N. J.

The lesson on Body Repairs is probably being graded now, and in a way I'm sorry I sent it in when I did because I did it hurriedly and with not too much thought behind it. I would like to let you know that it was not lack of interest or too many other activities -- it was simply that work for camera stores is piling up.

A Mr. G. called me while enroute to another part of Florida. Unfortunately I was at work on the base and didn't get a chance to talk to him. He talked to my wife, tho, and seemed to be very interested in my shop and the camera repair business. Thank you for directing him to me. I'll be glad to meet any

(Con't Page 19)
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other people you know who might come this way.
The lesson on the Rollie camera will be on it's
way in the next day or two. Have already repaired
8 Rollies and 3 Ikoflex with excellent results on all.
The lesson cleared up many points for me.

William S. Cummins
Pensacola, Florida

I would like to take this opportunity to express
my warm regards for the personnel of your organi-
ization - all of you have been most kind. I have many
kind things to say about your school wherever I may
go & it certainly has been a pleasure to come in con-
act with such a fine group.

Paul Ruminsky
Lorain, Ohio

I would like to say how much I appreciate the
interest Miss Delphine King is taking in my lesson
problems. She is a valuable asset to the School.
As I progress, the lessons are becoming more
interesting.
I received the latest Camera Craftsman and
enjoy reading about the repairmen from all parts of
the world.

Ralph J. Hamilton
Jackson, Michigan

The lessons and methods seem to be very well
designed - especially to keep the student developing
skill and initiative.

William C. McHenry
Bethesda, Maryland

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