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APRIL 16, 1949

# SCIENCE NEWS LETTER

THE WEEKLY SUMMARY OF CURRENT SCIENCE



## Landing Tracks

See Page 244

A SCIENCE SERVICE PUBLICATION

\$5.50 A YEAR

VOL. 55 NO. 16

# WAR SURPLUS OPTICAL BARGAINS

## ASSEMBLE YOUR OWN BINOCULARS



Complete Optics!  
Complete Metal Parts  
**SAVE More Than 1/2 Regular Cost**

### GOVERNMENT'S 7 x 50 BINOCULARS

(American Made—not Jap, French or German)

Here's an unusual opportunity to secure a fine set of Binoculars at a substantial saving of money. Offered here are complete sets of Optics and Metal parts for the 7 x 50 Binoculars. These components are new and all ready for assembly. Full instructions supplied. **METAL PARTS**—Set includes all Metal Parts—completely finished—for assembly of 7 x 50 Binoculars. No machining required. A sturdy Binocular Carrying Case is optional with each set of Metal Parts.

Stock No. 842-Q-----\$39.40 Postpaid plus \$4.80 for Case-----Total \$44.20

**OPTICS**—Set includes all Lenses and Prisms you need for assembling 7 x 50 Binoculars. These optics are in excellent condition—perfect or near perfect and have new low reflection coating. Stock No. 5102-Q—7x50 Optics—\$25.00 Postpaid. **NOTICE:** Add 20% Federal Excise Tax to your remittance if you buy both Binocular Optics and Metal Parts.

### ARMY'S 6 x 30 BINOCULARS

**COMPLETE OPTICS & METAL PARTS**—Model M-13A1, 6 x 30 Binoculars (Waterproof Model). Everything you need—ready for assembly. When finished will look like a regular factory job costing \$102 to \$120. The Optics are new, in perfect or near-perfect condition. Have new low reflection coating. Metal parts are new and perfect, all completely finished. No machining required. Complete assembly instructions included.

Stock No. 830-Q-----\$40.00 Postpaid plus \$8.00 tax-----Total \$48.00

**METAL PARTS ONLY**—Model M-13A1, 6x30 Binoculars. No Optics. Same Metal Parts as described for Stock No. 830-Q.

Stock No. 832-Q—6 x 30 Metal Parts-----\$25.00 Postpaid

**OPTICS FOR 6 x 30 BINOCULARS** (No Metal Parts.) Perfect and low reflection coated.

Stock No. 5130-Q-----\$15.00 Postpaid If you buy both the Binocular Optics and the Binocular Metal Parts, add 20% Federal Excise Tax to your remittance.

**OPTICS AND METAL PARTS** are available for Monoculars (1/2 a Binocular). For complete details, write for Bulletin Q.

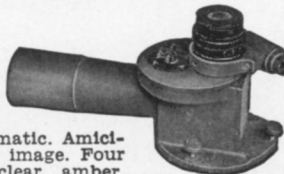
**MOUNTED TELESCOPE EYE-PIECE**—Kellner type. Excellent astronomical and other telescopes. War Surplus. Government cost about \$18.00. Focal length 24 mms. Lens Diameter 23 mms. Unusually wide field. Stock No. 5189-Q-----Price \$3.25 Postpaid

We have over 200 different sizes and focal lengths of Plano-Convex, Double Convex, Concave and Meniscus Lenses, priced from 6c to 30c each. Write for Catalog Q.

New Bulletin on Microscope Sets, Filters, Reticles, Flat Glass. Write for Catalog Q.

## 8 POWER ELBOW TELESCOPE

Gov't Cost \$200.00  
Our Price \$17.50



Big. 2 in. diameter objective. All lenses Achromatic. Amici-prism erects the image. Four built-in filters—clear, amber, neutral and red. Slightly used condition but all guaranteed for perfect working order. Weight 5 lbs. Can be carried by a trifle bulky. Excellent for finder on Astronomical Telescope. Stock No. 943-Q-----\$17.50 Postpaid

**20X PRISM SPOTTING SCOPE SET**—Consists of all lenses and prisms (slightly chipped) you need to make a good, standard 20X Spotting Scope. Low reflection coated. 57mm dia. Achromatic objective. Some metal parts included. We furnish directions. Stock No. 5145-Q-----\$22.00 Postpaid

**LOW POWER RIFLESCOPES and ACHROMATIC LENSES** to make your own higher power Rifle scope (2 1/2 to 7 1/2 power or over). Write for Bulletin "Q".

**TELESCOPE EYE-PIECE**—Consists of 2 Achromatic lenses F.L. 28mm, in a metal mount. Stock No. 5140-Q-----\$4.50 Postpaid

### MAKE YOUR OWN ENLARGER

#### MOUNTED ANASTIGMAT LENSES

Use for Projectors, Enlargers, Copying Cameras. Complete with Shutter and Diaphragm. Value about \$20. These were made for a specific camera but had longer or shorter focal length than could be used, and then the camera was discontinued. An excellent buy. **WE WILL INCLUDE FREE ILLUSTRATED BOOKLET ON HOW TO MAKE YOUR OWN ENLARGER.**

Stock No. 8004-Q Speed 1/7.7, focal length approx. 127 mms. Suitable for pictures, negatives, positives up to 3 1/2 x 4 1/4"-----\$7.50 Postpaid

Stock No. 8006-Q Speed of 1/7.7, focal length approx. 100 mms. Suitable for pictures, etc. up to 2 1/4 x 3 1/4"-----\$8.50 Postpaid

Stock #8007-Q—Speed of 1/6.3, focal length approx. 100 mms.—\$9.50 Postpaid

**CONDENSING LENSES**—Seconds, but suitable for Enlargers and Spotlights.

Stock #1061-Q—6 1/2" dia. 9" F.L. \$2.50 ea. Pstpd.

Stock #1080-Q—5 1/2" dia. 7" F.L. \$1.00 ea. Pstpd.

Stock #1084-Q—2 1/2" dia. 4" F.L. \$1.00 ea. Pstpd.

Stock #1077-Q—2 3/4" dia. 3" F.L. \$1.00 ea. Pstpd.

Stock #1019-Q—6" dia. 16" F.L. \$2.00 ea. Pstpd.

Stock #1062-Q—6" dia. 9" F.L. \$2.00 ea. Pstpd.

Stock #1086-Q—1-11/16" dia. 3" F.L. \$ .25 ea. Pstpd.

Stock #1103-Q—29/32" dia. 1/2" F.L. \$ .50 ea. Pstpd.

**NEW BULLETIN** on our **BIG VARIETY OF PRISMS**—Over 50 different right angle Prisms, Rhomboidal, Binocular Porro, Leman, Porro-Abbe, Brashear-Hastings, Penta, Dove, Pentagon, Ocular, and Amici Roof Prisms. Also Beam Splitters, Wedges and many others. Request Bulletin Q.

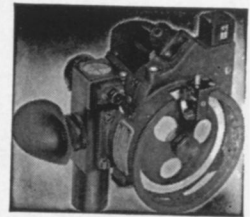
**6 POWER PERISCOPE and ADJUSTABLE TRIPOD.** 27" long. Focusing eye-piece. Adjustable cover for objective end. Govt. cost \$150. Tripod and mount worth more than purchase price. Stock No. 717-Q-----\$20.00 f.o.b. Audubon

### NEW 50-PAGE IDEA BOOK "FUN WITH CHIPPED EDGE LENSES"

Contains wide variety of projects and fully covers the fascinating uses of all lenses in sets listed above . . . only \$1.00 Postpaid.

## UNUSUAL BARGAIN BUBBLE SEXTANTS

These Army Air Forces Bubble Sextants costs the Govt. about \$125.00 each. A real bargain at our price at \$12.50! Wooden carrying case included. Also auxiliary items. Wartime used. **BUT COMPLETELY REPAIRED COL-**



**LIMATED AND PUT IN GOOD WORKING ORDER.** If not satisfied that Sextant is exactly as represented, return within 10 days for refund. Full directions for use accompany each shipment.

Stock No. 924-Q-----\$12.50 Postpaid

Same Sextant as above, but **BRAND NEW** and with Automatic Electric Averaging Device and Illuminated Averaging Disc for nighttime use. Govt. cost \$217. Though brand new we have rechecked Bubble and Collimation and **GUARANTEE** perfect working order.

Stock No. 933-Q-----\$22.50 Postpaid

**BUBBLE SEXTANT—TYPE A-8A.** Excellent condition but may be slightly used. Each has been carefully checked and collimated. Averaging device for nighttime use. Carrying Case and instruction booklet included. Gov't cost about \$325.00. Stock #946-Q-----\$32.50 Postpaid

### SIMPLE LENS KIT

Some Govt. surplus, some commercial surplus, some chipped rejects, some perfect, few coated . . . in any event an excellent bargain. Containing Plano Convex, Double Convex, Concave, Meniscus Lenses. Dia. range 6mm to 40mm. Assorted focal lengths.

Stock No. 5-Q—45 lenses—\$5.00 Postpaid

Stock No. 10-Q—80 lenses—\$10.00 Postpaid

**10 LENS KIT—THE LENS CRAFTERS DELIGHT!** Kit includes plainly written, illustrated booklet showing a specific project for every lens. Use these lenses in photography for copying. **ULTRA CLOSE-UP SHOTS,** Microphotography, for "Dummy Camera," Kodachrome Viewer, Detachable Reflex View Finder for 35mm cameras, Stereoscopic Viewer, ground glass and enlarging focusing aids. And for dozens of other uses in experimental optics, building **TELESCOPES,** low power **Microscopes,** etc. Stock No. 2-Q-----\$1.00 Postpaid

**LENS CLEANING TISSUE**—1st quality sheet size 11 x 7 1/2 in. Made to Govt. specifications. High wet strength. Free of abrasives.

Stock No. 721-Q—500 sheets—\$1.00 Postpaid

**SLIDE PROJECTOR SETS**—Consist of all unmounted lenses you need to make the following size projectors:  
Stock No. 4038-Q—2 1/4 x 2 1/4 in., \$3.35 Postpaid  
Stock No. 4039-Q—2 1/2 x 3 1/2 in., \$3.85 Postpaid  
Stock No. 4029-Q—35mm—\$2.85 Postpaid

**MOUNTED PROJECTING LENS SYSTEM**—F.L. 91.44 mm (just right for 35-mm Projectors). Speed of F 1.9. Outside dia. of mount at one end 60mm. Length of mount 64mm. Stock No. 4033-Q-----\$3.00 Postpaid

**THREADED OUTSIDE MOUNT FOR FOCUSING ABOVE SYSTEM** (Not Illus.)— Stock No. 715-Q-----\$1.00 Postpaid

**HEAT ABSORBING PLATE GLASS**  
Stock No. 4009-Q—4" x 5"-----35c Postpaid  
Stock No. 4010-Q—2" x 2"-----10c Postpaid



IF YOU'RE INTERESTED IN OPTICAL BARGAINS

Write for **FREE CATALOG Q**

We Have Literally Millions of War Surplus Lenses and Prisms for Sale at Bargain Prices. Numerous Types of Instruments Too!

**ORDER BY SET OR STOCK NO.**

**EDMUND SALVAGE COMPANY · P. O. AUDUBON, NEW JERSEY**

