

15¢

\$5.50 A YEAR



August 15, 1959

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SCIENCE NEWS LETTER

®

THE WEEKLY SUMMARY OF CURRENT SCIENCE

Heavenly Pair

See Page 99

A SCIENCE SERVICE PUBLICATION

Special Tool Bargains—Save Up to 50%

Newly Invented Automatic Window & Car Washer with

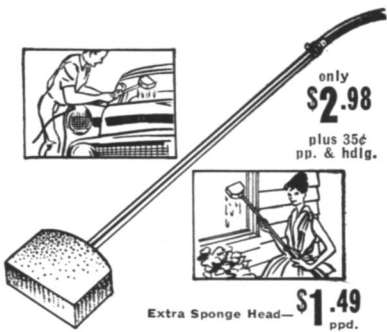
CONTOURMATIC Self Adjustable Built-in SPONGE

No Mess—Not Sloppy—Saves EFFORT—TIME—WATER—MONEY . . .

"DEW-BOY" is a wonderful new washing tool with automatic action. A real handy-man. "DEW-BOY" does the washing for you without effort. The swivel-head follows the contour of cars, trucks, trailers, boats . . . glides easily over curves and protrusions . . . gets into corners of bathtubs and tiled rooms . . . reaches walls, ceilings, windows, light fixtures. Best of all, the built-in 3-stage "Valve Valve" saves trips to the faucet. Just turn on the water and sponge . . . sure fire results of shiny cleanliness is your reward. Release any second on the spot. Can't scratch.

STAGE 1—turn water on . . . It stops at sponge head
STAGE 2—a light touch, and water flows gently for washing
STAGE 3—pressure harder, and release torrent for rinsing

No mess of water to flood garage, kitchen, bathroom, etc. . . stops waste on your water bill.



only \$2.98

plus 35¢ pp. & hdg.

Extra Sponge Head—\$1.49 p.p.d.

MANY OTHER FEATURES:

• A long vinyl-covered aluminum handle gives you extra reach • no bristles to mat or drop out • cannot scratch delicate surfaces • weighs only ten ounces • rugged connection links up with garden hose • long-lasting sponge head—replacements available—a child can attach it.

A TILED Bathroom or Kitchen for Less Than \$5.00!

AMAZING, NEW LIQUITILE

Applies Like Paint—Hardens Like Tile!



Apply it with Brush or Roller

"It's sheer magic, you'll say, when you see miraculously can perform in your home. Imagine—tiled bathroom or kitchen for less than \$5.00 or a bright new finish for your shower, refrigerator, range, cupboard, washer, or any other appliance in any color you choose. Wonder-working LiqueTile gives you beauty and washability of lustrous ceramic tile at a fraction of the cost. Applies just like paint, with brush or roller on any surface—metal, wood, cement, plaster, dry wall or concrete—whether bare or coated. Dried overnight, its gleaming hard surface is unaffected by sticky fingers, grease, acids, alkalis—and there are no mortar lines to collect dirt and germs. One quart covers 100 sq. ft. Quart of Basic WHITE LiqueTile—\$4.95 plus 35¢ pp. & hdg. COLOR TINT TUBES in Nursery Pink, Canary, Grey, Nursery Blue, Sea Green, Aqua, Dusty Rose, Ivory (Specify when ordering) 49¢ ea. p.p.d.

Tremendous Do-It-Yourself Ideal!

EYELET PLIER

with 30 Eyelets



Now, for the first time, a big unwieldy shop machine has been reduced to a precision-made handtool! New EYELET PLIER does a neat-looking professional job every time . . . saves you big money on new articles and repairs. Works on fabric, leather, plastic, cardboard, paper, oilcloth. Great for:

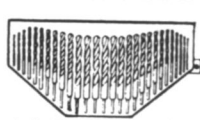
- Belts—Shoes & Sneakers—Binders—Deck Chairs—Sun Shades—Shower Curtains—Luggage
- Tents & Parapails—Sports Equipment—Tents & Parapails—Air Conditioner covers—Sails—Duffel Bags—Camping Equipment—Wall Maps—Charts & Placecards—Campaign & Promotion Material—Banners & Bunting

Eyelets prevent tearing of material, for re-use over and over again. Wonderful tool for smaller shop, hobby, office, handicraft, professional therapy.

Complete with 300 eyelets in assorted colors. plus 25¢ for postage p.p.d. & handling 300 extra eyelets 75¢

\$1.98

Chrome Vanadium 29 Pc. Drill Set



Specially made for speed drilling in sturdy plastic tool roll. Finest alloy steel drills hardened and precision ground to the sharpest, longest lasting cutting edge obtainable; will easily and cleanly bite through hardwoods, plastics, aluminum, iron and the toughest steels. Full jobber length. Sizes by 64th from 1/16" to 1/2". Also available with Turned Down Shanks to fit all 1/4" drills. In individual pocket roll.

\$6.49 p.p.d. \$8.95 p.p.d.

60 Pc. Set Wire Gauge Chrome Vanadium Drills



Top quality high speed Chrome Vanadium Drills designed for speed drilling through toughest steels, woods, plastic, iron and aluminum. Precision ground, long-lasting cutting edges. Nos. 1 through 60. A \$14.95 value—NOW, \$5.40. Same set above available with Hue Index Container—Only \$6.65. Also available 61-80 set of high quality drills, in plastic kit with marked pocket for each drill—Only \$2.50. All above drill sets plus 35¢ pp. & hdg.

AMAZING BLOCK & TACKLE

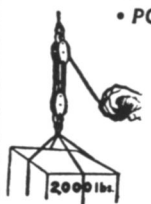
• PORTABLE . . . weighs only 13 ozs., fits in pocket!

• ONE HAND OPERATION . . .

• POWERFUL . . . lifts up to 1000 lbs.!

Amazing Work Saver for

- Hunters • Handymen
- Farmers • Truck drivers
- Yachtmen • Motorists



Here's an unusual tool, even for us! It's the tiny Midget Babe Block and Tackle. It weighs only 13 ozs., yet it is so powerful it lifts up to 1000 lbs. easily! Because of its great strength, small size, complete portability—this block and tackle has many uses. In your car for emergencies, for home, factory, farm . . . for loading heavy articles. For sportsmen: loading, deer, boats, etc. For anyone who has to do heavy lifting! Fine engineered throughout, best grade aluminum, steel axles, pre-lubricated for life. Hoists have two lifting slings, at top and bottom, with heavy welded steel rings. Slings can be doubled for extra strength. Complete with 70 ft. nylon cord, 5 to 1 ratio—1000 lb. test. Carrying bag. Instructions. . . . \$9.95

ALSO AVAILABLE—Tiny Babe Lifts up to 2000 lbs. With 100 ft. nylon cord, 7-1 ratio—2000 lb. test—15 oz. wgt. Twice as powerful as \$9.95 model—only \$12.95 p.p.d. 1 yr. guarantee on both models.



FINEST QUALITY Imported Precision Pliers 75¢ Ea.

Flat Nose, Round Nose, Diagonal, End Cutting, Nippers, 1 Side Flat—1 Side Round, Snipe Combination for Jewelers, Optical Workers, Hobbyists. These European in instruments are of deep-forged, heat-treated high quality tool steel, fabricated to most exacting specifications. All-over ground, polished to smooth hard surfaces. Smooth working joints with right tension. Jaws meet perfectly to securely hold the most delicate objects. 75¢ each, all 7 for \$5.00 p.p.d.

Our Money Back Guarantee Protects You 100%

HANDY-LITE REEL

"Cordomatic" Automatic Retracting Pulls Out Any Length up to 20 Feet Retracts Automatically

The "Cordomatic" Reel is the answer to the right light, where you want it—when you want it, in Home, Garage, Workshop, Patio, Basement, Service Station, Warehouse, Stock Room, Individual Plants or wherever a dependable and mobile light is required. Features easy-to-grasp Neoprene handle with heavy duty steel reflector plus added outlet in handle. Swing-open guard permits instant bulb change, reinforced hanger hook. Fool-proof gravity locking action has nothing to break or jam—operates exactly like a window shade—locks and releases with fingertip control at any desired length. Heavy-duty spring motor is dust-proof and lifetime lubricated. Comes complete with 20 feet of UL Approved SV Neoprene cord featuring a kink-proof, molded-into-core jacket which is oil and water resistant and equipped with an adjustable Neoprene stop ball. Can be wall mounted to provide 180 degree free swivel or can be hung from ceiling to provide full 360 degree rotation.



\$7.95 p.p.d.

"Cordomatic" Multiple Outlet Reel

Same as above except that in place of "trouble light" you have a 3-Outlet Plug which serves as a portable Automatic Appliance Center—handy whenever and wherever you need it!



\$7.95 p.p.d.

Steel Jaw HAND VISE

This handy folder for pro as well as amateur has STEEL JAWS 1 1/4" wide which open up to a full 1". And ingenious V-slot in one side is ideal for holding round object. Overall length is 6 1/4" with 4" varnished wood handle.

75¢ p.p.d. plus 15¢ pp. & hdg. (3 for \$2.00 p.p.d.)



Complete Power Tool Accessory Set—100 Pieces

Designed for use in all 1/4" capacity Electric Drills and Motor Chuck. A complete power tool accessory set that can handle almost any job of grinding, sawing, cutting-off, polishing, buffing, reaming, sanding, drilling, cleaning, etc., etc. KIT CONTAINS:—Wire Wheel, Mounted Grinding Wheels, Rotary File, Abrasive Cartridge Rolls, Circular Saw Blade, Flat Bob and Wheels, Honing Stones, Jewelers Rouge, Buffing Wheels, Midget Cutters, Bristle Brushes, Abrasive Sheets and sufficient Arbors to accommodate all the unmounted items. Only \$4.98 p.p.d. \$15 value—only \$4.98 p.p.d.

It's New! Ratchet Head SOCKETOOL



Most versatile ever! Handles cartridge bolts, machine bolts, wood cap screws, machine screws, sheet metal screws, lag screws—any style of head: slotted—recessed—square—and hex. Reaches everywhere—operates in straight or offset position. Efficient and speedy! Has Universal RATCHET HEAD that works left, right or locked. A "must" for household, farm, Hobbyshop, etc.—helps eliminate repetitive bills! Contains Shelton suregrip ratchet handle. Straight hex adapter. Offset hex adapter. 5 hex sockets. 3 socket sockets. Tool steel screwdriver bit for slotted screws. Tool steel screwdriver bit for recessed-head (Phillips) screws. Complete in attractive durable gift case with transparent lid.

\$2.98 p.p.d.

Automatic Siphon Pump

sensational low price \$1.98 p.p.d.

Now—siphon any liquid automatically, safely, WITHOUT putting tube to mouth! Squeeze bulb, liquid starts to flow immediately! Transparent sections let you see liquid flowing! Siphons, pumps gasoline, water, any liquid. Even acids, corrosives! For cars, boats, power mowers, campers, plumbers, doctors, chemists, factories! Acid resistant. Over 7 ft. long!

ALSO AVAILABLE—Heavy Duty Siphon 1/2" dia. tubing, 8 ft. long—\$2.98 p.p.d.

FULL RANGE—NOS. 1-12 QUALITY CAMEL HAIR BRUSHES

For Artists, Hobbyists, Homeowners—Superb quality brushes for every conceivable need from fine line work to broad brush strokes. You'll be amazed at the soft yet firm texture of these select brushes, each solidly set in metal grip to give years of use. Perfect for artwork, architects, touching up around the house, cleaning electrical and optical instruments and guns.

BRUSHES—2 ea. \$2.00 of Nos. 1 thru 12—p.p.d.

Gov't Surplus WEBBED TOW CABLE

Originally made for U. S. Air Force. Never used. Test proven for towing trucks, cars, etc. 15 ft. long with extra heavy duty spring snap cable 3/4" wide. Nylon reinforced cable is 1/4" thick and 1 3/4" wide at ends. Useful at home or keep in car for emergencies.

\$1.95 plus 35¢ pp. & hdg.

PRECISION MICROMETERS

At Bargain Prices



Chromium plated, adjustable, equipped with ratchet stop and lock nut. Additional stable zero. Decimal equivalents of fractional sizes diecast on frame. Recessed frame to allow readings in tight spots. Precision made for accurate readings, fully polished. In velvet lined case.

0.1", 1/1,000" Readings—\$5.95 p.p.d.
0.1", 1/10,000" Readings—\$7.50 p.p.d.
1-2", 1/1,000" Readings with 1" test gauge—\$7.95 p.p.d.
1-2", 1/10,000" Readings with 1" test gauge—\$9.50 p.p.d.

Order By Mail! Save Money!

SCOTT-MITCHELL HOUSE, Inc. Dept. 2408 — 415 South Broadway, Yonkers, N. Y.

REGULAR HIGH-FIDELITY or STEREO-FIDELITY

The **COLUMBIA LP RECORD CLUB** offers new members superb long-playing records from every field of music

ANY SIX REGULAR LP FOR ONLY \$3.98

Retail Value up to \$29.88

or STEREO LP FOR ONLY \$5.98

Retail Value up to \$35.88

if you join the Club now and agree to purchase as few as 5 selections from the more than 150 to be made available during the coming 12 months



1. Night and Day, plus 11 more hits



2. A beloved American classic



15. Broadway's newest smash hit



19. No Other Love, Our Love, 10 more



37. Lovely "musical portrait of nature"



5. 16 favorites — Sweet Violets, etc.



11. Berlioz' most popular work



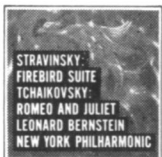
27. Granada, La Paloma, 11 more



40. "Hallelujah" "Finlandia", etc.



10. Be My Love, Where or When, etc.



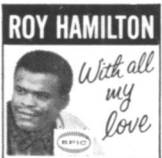
16. Two colorful, exciting scores



49. That's All Over, One More Ride, etc.



25. Two very popular piano works



9. Always, Please, Speak Low, 9 more



21. Four dashing, fiery rhapsodies

The Columbia LP Record Club now enables you to acquire the world's finest high-fidelity 12" long-playing records — either regular or stereo — at great savings!

All 32 of the records shown here are available in both regular high-fidelity and stereo-fidelity (except No. 24—Listening In Depth—available in stereo only).

If you have a standard phonograph, you may join the Club and receive the regular high-fidelity versions of any 6 of these records . . . up to a \$29.88 retail value — ALL 6 for only \$3.98!

If you have a stereo phonograph, you may join the Club and receive the stereo-fidelity versions of any 6 of these records . . . up to a \$35.88 retail value — ALL 6 for only \$5.98!

Read below how the Club operates, then mail coupon — without money — for your SIX records!

IMPORTANT NOTE:

Stereo records must be played only on a stereo record player. If you do not now own a stereo phonograph, you can continue to acquire regular long-play high-fidelity records with complete confidence that they will always give you thrilling listening pleasure. They will play with true-to-life fidelity on your present phonograph, and will sound even more brilliant on a stereo record player if you purchase one in the future.



8. What'll I Do, Warm, 10 more



7. Three brilliant hi-fi showpieces



50. Where or When, Manhattan, 10 more



6. Complete score of this hit musical



12. Let's Dance, Jubilee, 7 more



30. A "must" for any record library



24. 16 selections — STEREO only



3. Didn't It Rain, God Is Real, etc.



20. Come to Me, Long Ago, 10 more



31. Solitude, Autumn Leaves, etc.



36. The ballet that "rocked the world"



18. Two electrifying tone poems



28. Brahms' most beloved symphony



45. Tico-Tico, Brazil, 10 others



41. Strauss' loveliest tone poems

HOW THE CLUB OPERATES . . .

★ You enroll in any one of the six Club Divisions:

If you have a regular phonograph you enroll in any one of four Divisions: Classical; Listening and Dancing; Broadway, Movies, Television and Musical Comedies; Jazz.

If you own a stereo phonograph you enroll in either one of two Stereo Divisions: Stereo Classical or Stereo Popular.

★ Each month the Club's staff of music experts selects outstanding recordings — both regular and stereo — from every field of music. These selections are described in the Club Magazine, which you receive free each month.

★ You may accept the monthly selection for your Division . . . take any of the wide variety of other records offered in all Divisions . . . or take NO record in any particular month.

★ Your only membership obligation is to purchase five selections from the more than 150 Columbia and Epic recordings to be offered in the coming 12 months. After purchasing five records, you will receive your choice of a Columbia or Epic Bonus record free for every two additional selections you buy. However, you may discontinue membership at any time after purchasing five records.

★ The records you want are mailed and billed to you at the usual list price: regular high-fidelity at \$3.98 (Popular) and \$4.98 (Classical); stereo-fidelity records at \$4.98 (Popular) and \$5.98 (Classical) — plus a small mailing charge.

★ To receive your SIX records — mail coupon today!

COLUMBIA LP RECORD CLUB, Terre Haute, Ind.

SEND NO MONEY — Mail Coupon Now to Receive Your SIX Records

COLUMBIA LP RECORD CLUB, Dept. 255-1
Terre Haute, Indiana

I accept your offer and have circled at the right the numbers of the six records I wish to receive. Bill me for \$3.98 for six regular high-fidelity records OR \$5.98 for six stereo-fidelity records — plus small mailing charge. Enroll me in the following Division of the Club:

(check one box only)

REGULAR DIVISIONS		STEREO DIVISIONS	
<input type="checkbox"/> Classical	<input type="checkbox"/> Broadway, Movies, Television and Musical Comedies	<input type="checkbox"/> Stereo Classical	<input type="checkbox"/> Stereo Popular
<input type="checkbox"/> Listening & Dancing			
<input type="checkbox"/> Jazz			

I agree to purchase five selections from the more than 150 regular high-fidelity and stereo-fidelity records to be offered during the coming 12 months, at the usual list price plus small mailing charge. For every two additional selections I accept, I am to receive a Columbia or Epic Bonus record (regular or stereo) of my choice FREE.

Name (Please Print)

Address

City ZONE State

ALASKA and HAWAII: write for special membership offer
CANADA: prices slightly higher; address 11-13 Soho St., Toronto 2B
If you want this membership credited to an established Columbia or Epic record dealer, authorized to accept subscriptions, fill in below:

Dealer's Name

Dealer's Address 329

CIRCLE 6 NUMBERS:

(If you enroll in one of the Regular Divisions, you receive your 6 records in regular high-fidelity. If you enroll in a Stereo Division, you receive your 6 records in stereo-fidelity)

- 1 15 30
- 2 16 31
- 3 18 33
- 5 19 36
- 6 20 37
- 7 21 40
- 8 22 41
- 9 24 45
- 10 25 49
- 11 27 50
- 12 28

R-86 (REG) | F-85 (STER)