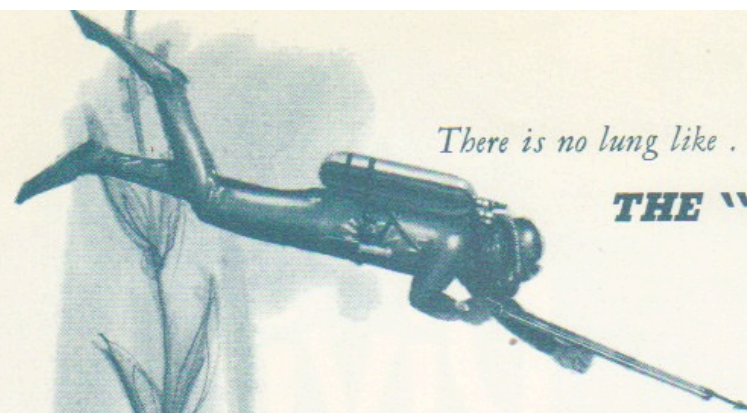


Diving

WHY TAKE A CHANCE? Dive with the
"Aqua-Lung" of proved performance.



There is no lung like . . .

THE "AQUA-LUNG"

Until the invention of the "Aqua-Lung," only highly trained specialists could explore the underwater world. This was an expensive venture, full of risks.

Now, thanks to this self-contained diving unit, any experienced and healthy swimmer can dive among the wonders of the deep, below 100 feet and up to one hour, unhampered by hoses or lines.

No chemicals involved; no adjustments necessary.

The automatic demand regulator releases air only as needed at a pressure identical to that of surrounding water, irrespective of depth. This explains why the "Aqua-Lung" diver has no problem with his ears; the ear drums, being exposed to equal pressures (water outside, air inside), will remain in a neutral state, free of pain.

The "Aqua-Lung" is not an experiment; it has been used for nine years without one single casualty traced to a mechanical failure. It is standard equipment in the French, Canadian, British and **U. S. Navies**, and the Universities of Washington, Wisconsin, Stanford, Johns Hopkins, Berkeley, Texas, M. I. T., Rhode Island, U. S. C., Columbia, U. C. L. A., Pomona College, Pacific Oceanic Fishery Investigations, Fish and Wildlife Service, U. S. Dept. of the Interior, Bureau of Reclamation, Scripps Institution of Oceanography, Woods Hole Oceanographic Institution, Narragansett Marine Laboratory, Dept. of Health, Education, and Welfare, fire departments, American Red Cross, shipping companies, harbor commissions, life-guards, featured in major moving pictures as "The Frogmen," "The Sea Around Us," "20,000 Leagues Under the Sea," and by thousands of yachtsmen, sports and commercial fishermen.

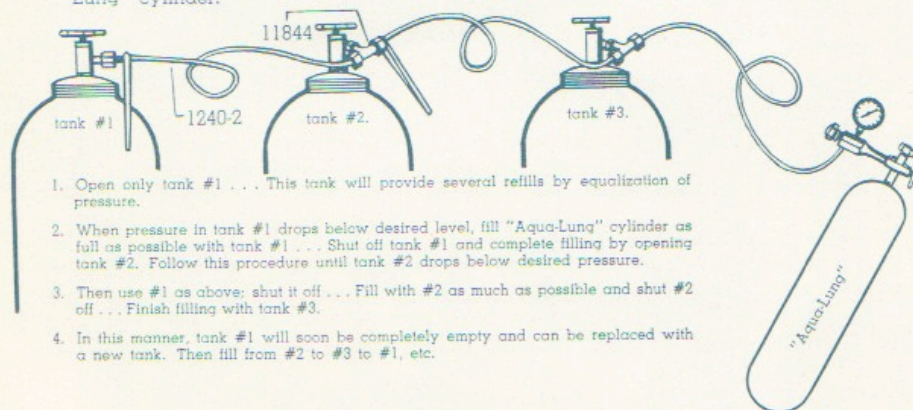
In the last three years, more "Aqua-Lungs" have been sold and used than all other diving gears combined in a century. The most momentous invention since the conquest of air, the "Aqua-Lung" opens up a new and richer world to the pioneers of our generation. You, too, can enjoy the exhilarating experience of neutral buoyancy and, like a fish, **escape the laws of gravity . . . effortless motion in any direction.**

COMPRESSED AIR SOURCES

The "Aqua-Lung" can be filled with air compressed at 1800 pounds per square inch and more according to the ICC working pressure stamped at the neck of the cylinder. Less pressure is acceptable, however, it shortens the diving time. All major national oxygen supply firms listed in the classified directory under the heading "Oxygen" will also compress air. Local fire departments, Air Corps Depots, and Air Fields often have it available.

HOW TO MANIFOLD THREE OR MORE TANKS

Large capacity high pressure tanks are often manifolded to refill "Aqua-Lung" cylinders. Such high pressure tanks are available from large oxygen companies for a demurrage of one penny a day. The more tanks in the line, the better the results. Tees (11844—\$4.95) and pigtails (1240-2—\$4.95) connect the tanks to each other and our filler attachment (Q) connects the tank line to the "Aqua-Lung" cylinder.



1. Open only tank #1 . . . This tank will provide several refills by equalization of pressure.
2. When pressure in tank #1 drops below desired level, fill "Aqua-Lung" cylinder as full as possible with tank #1 . . . Shut off tank #1 and complete filling by opening tank #2. Follow this procedure until tank #2 drops below desired pressure.
3. Then use #1 as above: shut it off . . . Fill with #2 as much as possible and shut #2 off . . . Finish filling with tank #3.
4. In this manner, tank #1 will soon be completely empty and can be replaced with a new tank. Then fill from #2 to #3 to #1, etc.

IMPORTANT:

The Standard "Aqua-Lung" Tanks hold the maximum air capacity (70 cu. ft.) to be used in any six-hour period without possible need for decompression. Double and Triple "Aqua-Lung" Tank Blocks make it possible for the diver to stay long enough, deep enough to have to follow decompression rules during the ascent.

CAUTION:

No breathing unit can eliminate the inherent risk of swimming and diving. There is no substitute to the diver's alertness, common sense, and self-discipline.

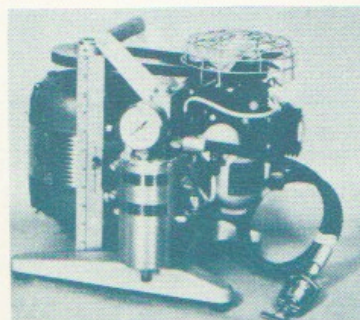
****THE CORNELIUS "POCKET SIZE" COMPRESSOR** — Compact and light. Will fill a standard tank (70 cu. ft.) at 2350 p.s.i in 100 minutes. Complete with air filter and filler attachment.

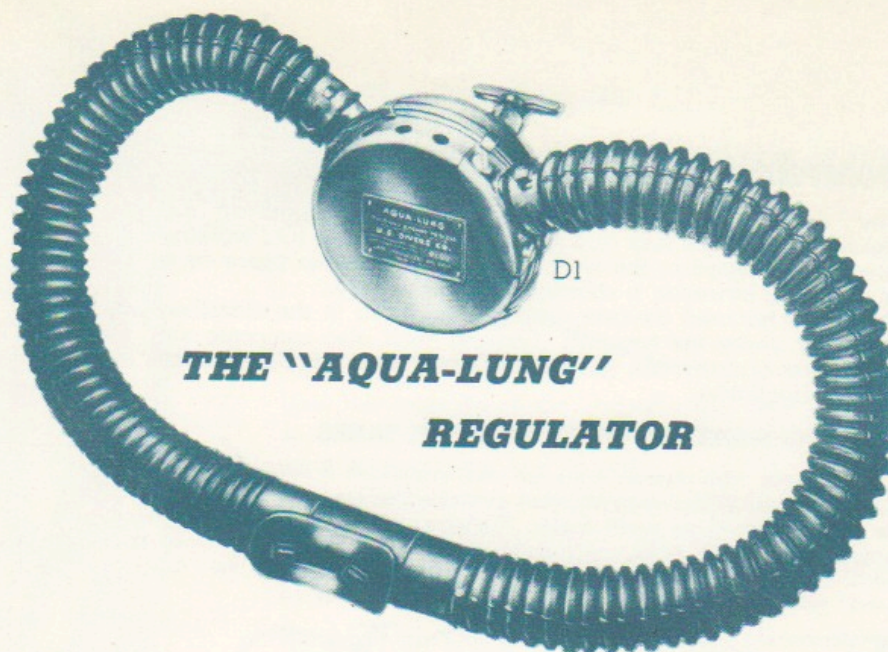
3201—With electrical motor. **365.00

3203—With gas engine. **365.00

(Catalogue sent on request.)

For professional or commercial use, we recommend the 5000 p.s.i., three-stage, water-cooled Rix Compressor, 582 Sixth Street, San Francisco 2, California.





THE "AQUA-LUNG" REGULATOR

As used by **Captain Cousteau** in his best seller, **"THE SILENT WORLD."**

All "Aqua-Lung" models feature a non-corrosive **chromed** dull finish Cousteau-Gagnan two-stage air-demand regulator. (patent number 2,485,039).

It automatically equalizes breathing at any depth without loss of air in any position.

When breathing in a mask, the diver is limited to 50 feet because the CO₂ accumulation becomes lethal under pressure; besides, breaking the face plate means drowning. The "Aqua-Lung" uses a mouthpiece eliminating these risks.

STANDARD AJ (D1+H1+J1+LA) features a 70 cu. ft. tank (ICC 2150 p.s.i.) and an air reserve device (patent 2,598,248) which gives a five-minute warning before the air supply is exhausted, allowing the diver to return to the surface without haste.

Average diving time, one hour..... **160.00**

STANDARD AJW—Same as AJ. Features a smaller and lighter tank with reserve, for women..... **160.00**

STANDARD AK (D1+H1+K+LA) Same as AJ, without air reserve, for use in shallow water..... **142.50**

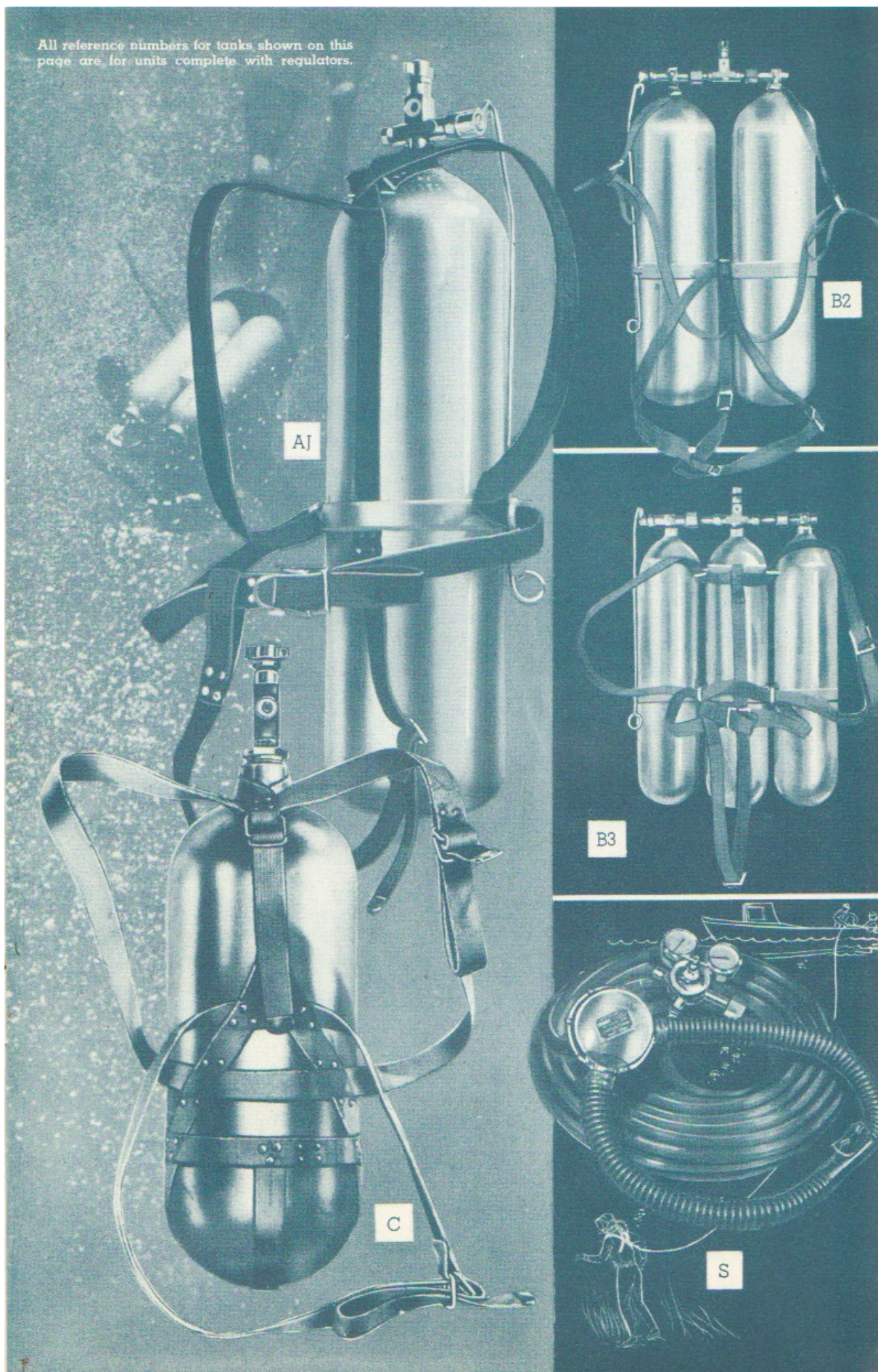
PROFESSIONAL TWO TANK B2 (D1+2H1+J2+L2+W2) Holds 140 cu. ft. with air reserve. Average diving time, two hours.. **260.00**

NAVY TRIPLE TANK UNIT B3 (D1+3H3+J3+L3+W3) Holds 132 cu. ft. Features an air reserve and 3 galvanized chrome molybdenum steel tanks. **295.00**

JUNIOR C (D1+I+K+LC) Features a 38 cu. ft. tank (ICC 1800 p.s.i.). Designed for shallow water (25 feet), as it has no air reserve. Average diving time, one-half hour **125.00**

HOOHAH S (DS+T+U) Only the regulator is strapped to the back of the diver. The air is fed through an air hose from large supply tanks or a small 100-pound compressor. Designed for working in limited areas during long periods of time or where high-pressure compressed air is not available..... **137.50**

All reference numbers for tanks shown on this page are for units complete with regulators.



"AQUA-LUNG" PARTS

The following accessories are not included with (A), (B), or (C). Their choice is left to the needs and discrimination of the diver.

- (Q) **Combination Filler and Gauge** (O and P), to permit simultaneous refilling and/or pressure reading. 22.50
- (R1) **Depth Gauge**, wrist type, for exact reading of diving depth down to 50 feet. 1.95
- (R2) **Depth Gauge**, wrist type, for exact reading of diving depth down to 220 feet. 2.45
- (M) **Weight Belt**, adjustable to 8 lbs., indispensable to offset the buoyancy of the "Aqua-Lung." Effortless descents mean air saving, thus longer dives. 7.95
- (N) Additional one-pound weight piece.95
- (O) Filler attachment to connect the "Aqua-Lung" cylinder to any standard compressed air supply fitting. 12.50
- (P) Pressure Gauge to indicate "Aqua-Lung" cylinder content before or after diving. 12.50

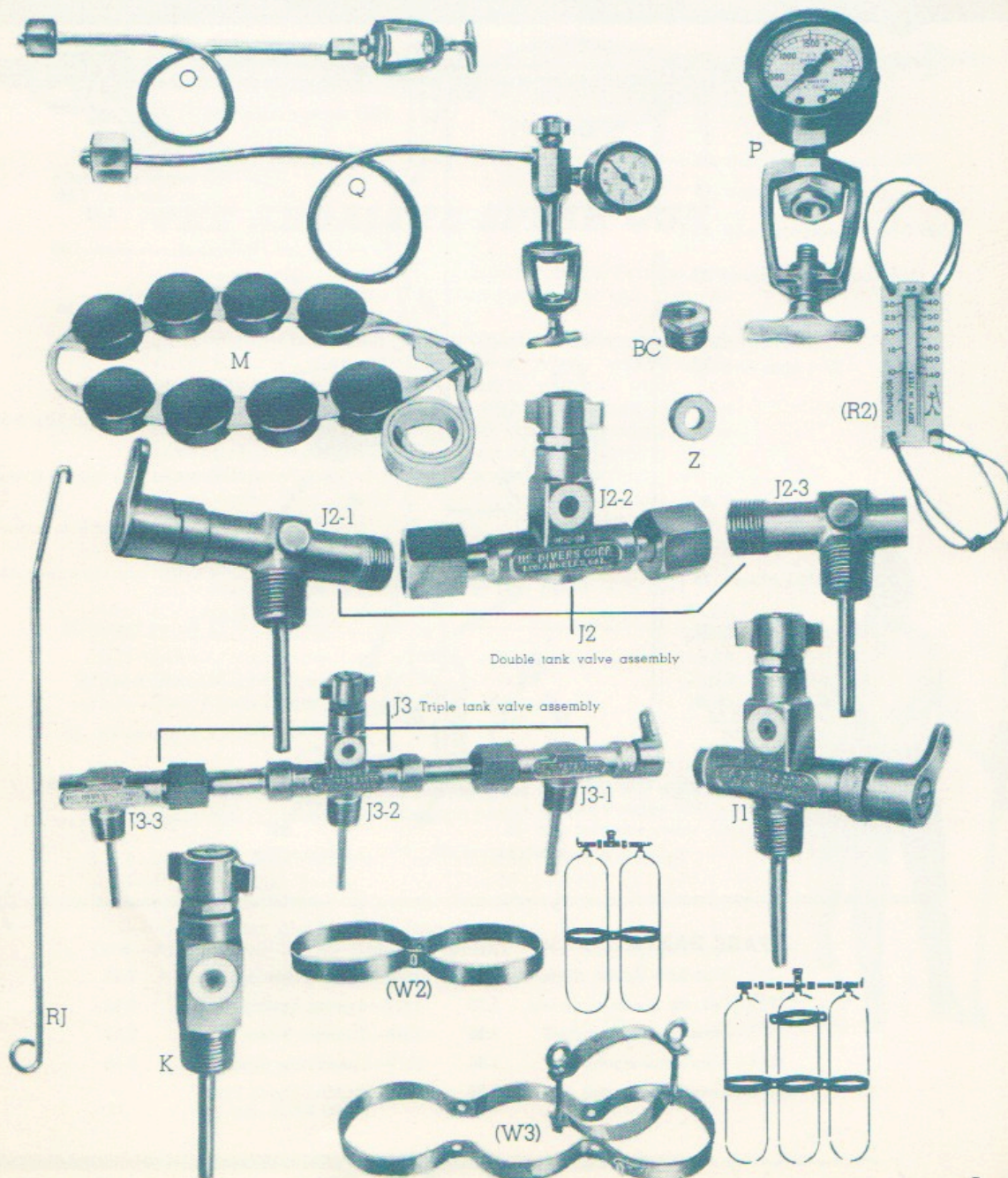
All component parts of the "Aqua-Lung" can be purchased separately:

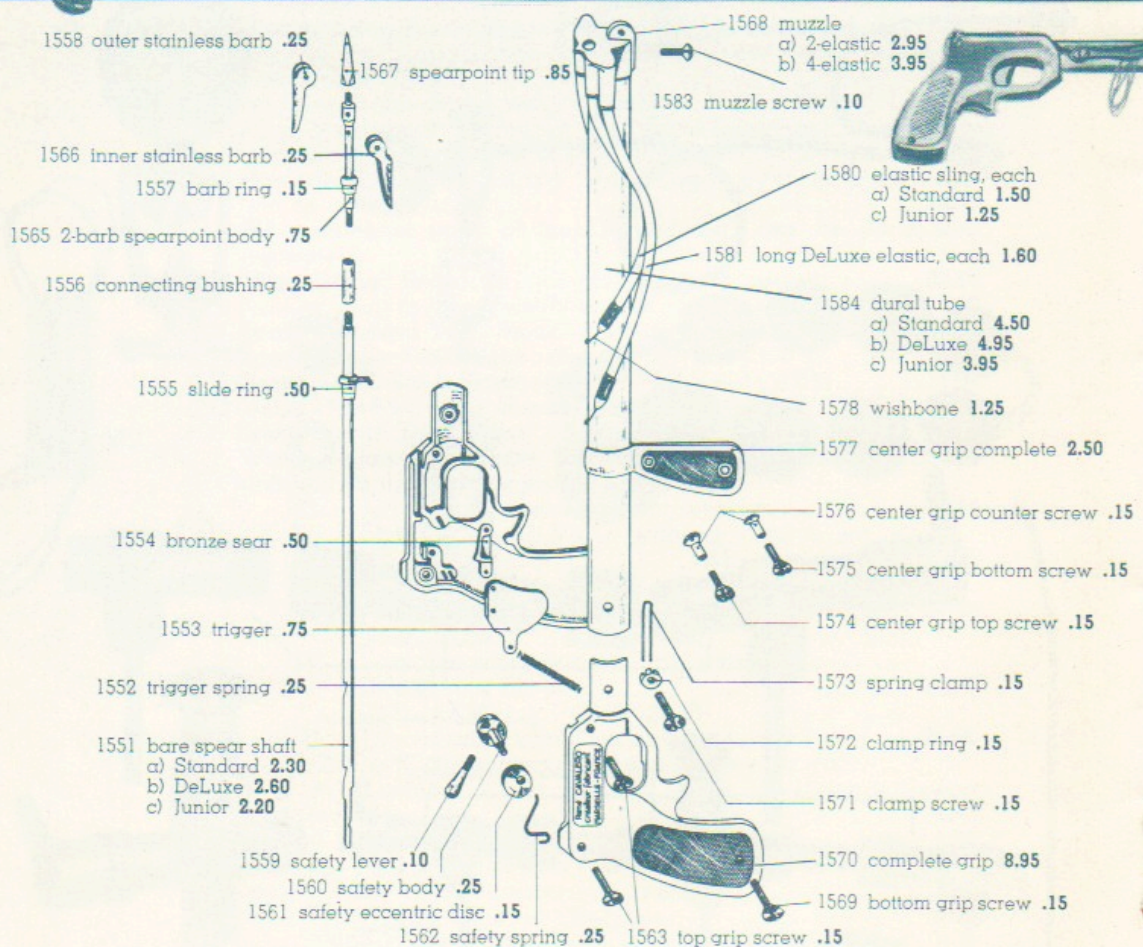
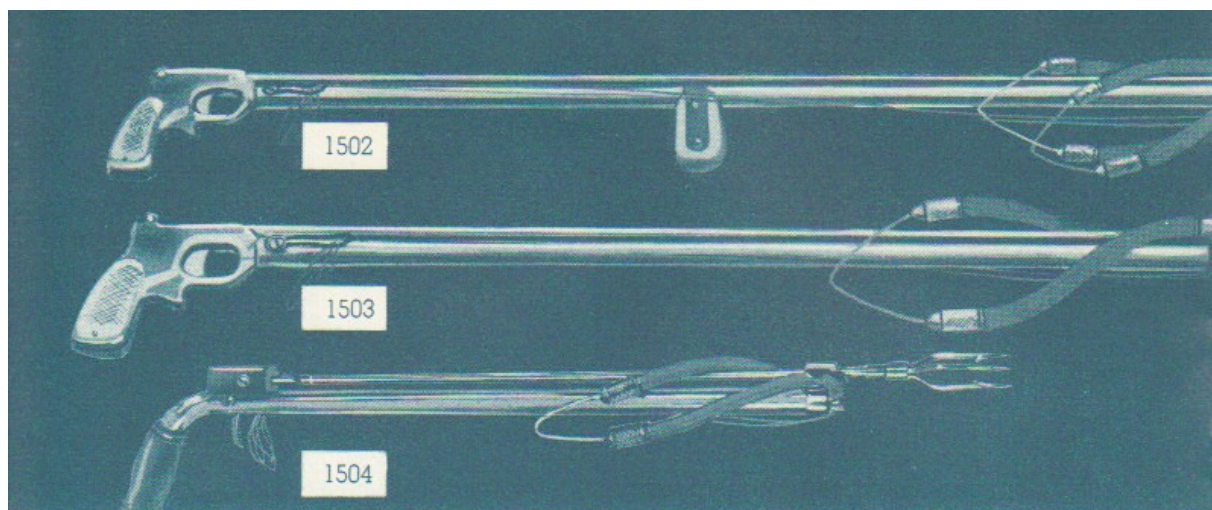
- (D1) **"Aqua-Lung" Regulator**, complete w. hose assembly. 80.00
- (X5) Rubber strap to keep mouthpiece in place. 1.00
- (EJ) **Spare Standard Tank Block** w. air reserve (H1+J+LA) 80.00
- (FJ2) **Spare Double-Tank Block** reserve (2H1+J2+L2+W2) 180.00
- (FJ3) **Spare Triple-Tank Block** reserve (3H3+J3+L3+W3) 215.00
- (EK) **Spare Standard Tank Block**, no air reserve (H1+K+LA) ... 64.00
- (G) **Spare Junior Tank Block** (I+K+LC) 50.00

When ordering cylinder valves indicate working pressure stamped on the tank for proper safety plug.

- (K) Junior Tank Valve without reserve. 8.95
- (J1) Standard Tank Valve with air reserve set at 300 p.s.i. 30.00
- (J2) To valve and connect 2 cylinders with air reserve set at 500 p.s.i. 47.50
 - (J2-1) .. 27.50 (J2-2) .. 15.00 (J2-3) .. 5.00
- (J3) To valve and connect 3 cylinders with air reserve set at 700 p.s.i. 52.50
 - (J3-1) .. 27.50 (J3-2) .. 20.00 (J3-3) .. 5.00
- (J2) or (J3) available with 2 separate reserves (extra) ... 25.00
- (J2-2) and (J2-3) can connect standard oxygen valves.
- (BC) 1" x 1/2" bushing to set K or J valve in 1" pipe thread cylinders 1.45
- (RJ) Pull-rod for J valves (stainless). 1.25
- (LA) Standard Tank Harness and steel band. 9.95
- (L2) Double Tank Unit Harness. 9.95
- (L3) Navy Type Triple Tank Unit Harness. 9.95
- (LC) Junior Tank Harness. 7.95
- (H1) Standard Tank, bare. (6 1/2" ID x 25 1/2" long.) Parkerized, buoyant, working pressure 2150 lbs. per sq. in. 45.00
- (H2) Same size, galvanized, 2600 p.s.i., holds 80.5 cu. ft. 55.00
- (H3) 5" ID x 23" long, galvanized, 2600 p.s.i., holds 44 cu. ft., weighs only 16 lbs., ideal for women. 45.00

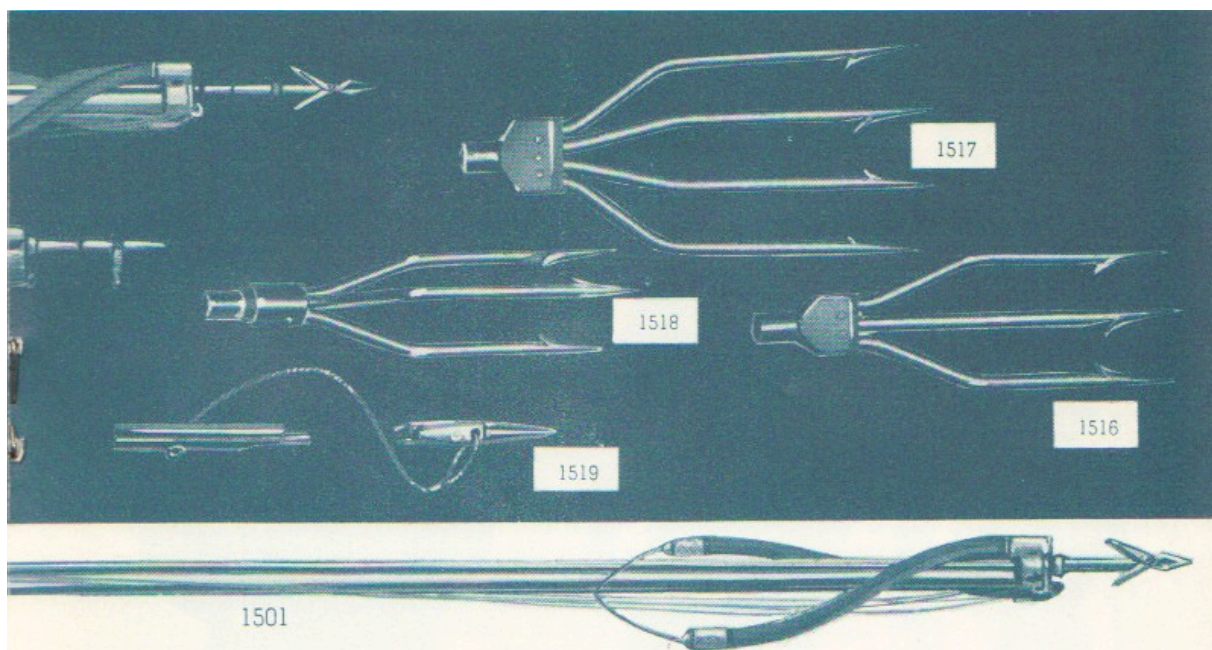
(W2) Metal band to fasten 2 tanks together with bolt & nut....	9.95
(W3) Set of 2 metal bands for triple tank with bolt & nut.....	14.95
(DS) Hookah Regulator with mouthpiece and harness.....	85.00
(T) Air supply output Pressure Regulator for Hookah.....	30.00
(U) Hookah Air Hose, 50-ft. length.....	27.50
(V1) Coupling to connect two or more hoses.....	1.95
(Z) Teflon Washer for J or K valve.....	.30
*(470) Rust-Oleum aluminum coating, protects steel tanks from corrosion.....	1.00
*(444) KEY SEALING COMPOUND, to insert valves in tanks...	2.75





SPARE PARTS:

1511—Standard Spear, complete 4.95	1516—3-prong Spearpoint . . . 2.25
1512—DeLuxe Spear, complete . 5.25	1517—4-prong Spearpoint . . . 2.50
1513—Junior Spear, complete . . 3.95	1518—Triangle 3-dent . . . 2.25
1514—1-barb Spearpoint . . . 1.30	1519—Detachable Spearhead . . 2.95
1515—2-barb Spearpoint . . . 2.95	1526—Braided Nylon Line (15 ft.) 400-lb. test75



THE ARBALETE SPEAR GUN

The "Arbalete" Crossbow, imported from France, remains the most efficient underwater spear gun yet developed.

Scientifically balanced to be **weightless under water**, the Arbalete is effortless to handle; even when held at arm's length for extra reach, the muzzle will not veer. The ocean-blue dull finish blends with the water. All are rubber-powered, thus giving the following advantages over spring and CO₂ guns: no mechanical parts to maintain, no rust to fight, can be reloaded easily under water at no cost. Spring and CO₂ guns are noisy and scare fish, whereas the Arbalete is completely **silent**.

It also features a safety catch. The spear is attached to the gun by means of a braided nylon line. It is the only gun which **floats**, once the spear has been released.

- | | | |
|-------|--|--------------|
| 1501— | Standard. Practical range, 14 feet..... | 25.00 |
| 1502— | DeLuxe. Practical range, 20 feet..... | 35.00 |
| 1503— | Junior. Small size for boys and women..... | 19.95 |
| 1504— | Baby. Light and short. Handy in rocks..... | 14.95 |
| 1509— | The Aqua Spear. (3 sections), 7' 5" long..... | 14.95 |

In the last 4 years the "Arbalete" has won all top honors:

- 1951—National Spearfishing Championship (So. California Skin Divers)
- 1953—National Spearfishing Championship (The Muirmen)
- 1953—Pacific Coast Championship (The Muirmen)
- 1952—Mid-Winter Derby (Paul McComack)
- 1953—Mid-Winter Derby (Bill Brown)
- 1954—Mid-Winter Derby (John E. Smith). "The only gun I use is the "Arbalete" and 90% of my friends use them and prefer them."

John E. Smith





FROGMEN SUITS...

...for year 'round "Aqua-Lung" and skin-diving enjoyment

WHEN ORDERING SUITS INDICATE: Height, Weight, Waist, Chest, Inseam (crotch to floor), Arm Length, Wrist, Circumference of bicep and thigh, and shoe size.

THE SEAL SUIT—This cold-water suit is the final development of countless experiments in the cold Pacific. **Made of pure-gum rubber**, it keeps the diver warm and dry indefinitely, while retaining 100% maneuverability. When ordering, specify **neck**, front, or back entry.

- 1102—Long arms, legs and boots for water below 55°F... 54.95
- 1101—Short legs and arms for water above 55°F..... 44.95
- 1103—Rubber shirt for mild weather and youngsters.... 14.95
- 1104—Rubber pants to match 1103..... 14.95

UNICELLULAR FOAM NEOPRENE "WET" SUIT—This new material incorporates millions of individual "dry" nitrogen bubbles, thus provides superior insulation. **No underwear necessary.** Somewhat fragile, however, **salt water, sun, and oil resistant.**

- 1132—"La Jolla," long arms, long legs, and hood..... 89.95
- 1133—"Balboa" shirt 29.95
- 1134—Hood "La Jolla," to keep the head warm..... 12.50
- 1139—"Frederick Dumas" full suit. (French import)..... 99.95

THE FIRELLI SUIT (Italian import)—A two-piece suit that enables the diver to get in and out without help. Used by the **United States Navy** and made by the most famous European rubber manufacturer. All vulnerable parts (knee, elbows, etc.) are reinforced.

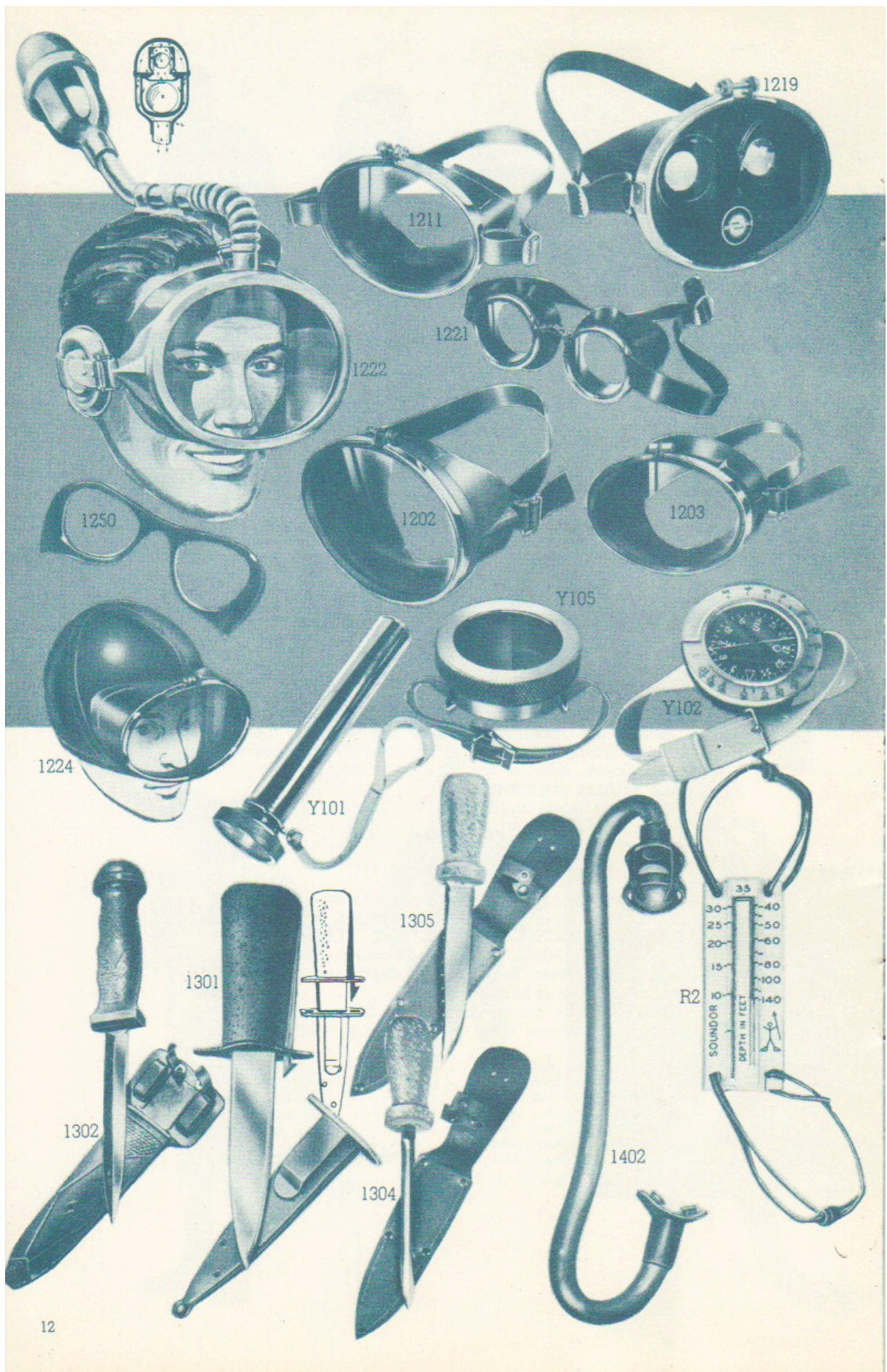
ALL SEAMS VULCANIZED.

- 1123—Long arms, boots and hood..... 70.00
- 1122—Same as 1123 without hood..... 62.50
- 1121—Short arms and legs 47.50
- 1127—Rubber shirt 17.50
- 1128—Rubber pants 17.50
- 1125—(Optional) Hard Rubber rail to connect shirt & pants 5.00
- 1126—(Optional) Rubber Ring to connect shirt & pants... 2.50

- *1155—**CAPTAIN COUSTEAU CONSTANT VOLUME SUIT**—(Pat. No. 2,593,988) Catalogue on request. The last word in exposure dress. Regardless of depth, will not be subject to squeeze or blowing up. 245.00

UNDERWEAR—Rubber keeps the diver dry, however, warmth is derived from underwear by building up air insulation.

- 1111—Part wool, short suit..... 12.95
- 1112—Part wool, long suit..... 14.95
- 1113—Neoprene long shirt..... 21.50
- 1114—Neoprene long pants..... 17.95
- 1115—Neoprene short shirt..... 17.95
- 1116—Neoprene short pants..... 12.50
- 1131—Hydrous Silicate of Magnesia for rubber preservation .60
- 1141—Kit for light repairs of "Seal" suit..... 1.25



IMPORTED FRENCH MASKS

- 1211—**Squale Dive Mask.** We quote from the Navy Manual, page 632: "of the seven American and foreign swim-type face masks tested, only one, the French "Squale" was found satisfactory." Unsurpassed in design and quality with short soft skirt; comfortable fit on the most sensitive faces. Will seal on frogman suit because of its bevel edge. Widest field of vision, solid stainless steel rim, **shatterproof glass**, individually tested for leakage 4.95
- 1260—Corrective glass holder to fit the Squale mask..... 2.95
- 1221—Squale goggles, the softest on the market.....2.95
- 1219—"Aqua," Squale Mask mounted with **Dr. Ivanoff optics** bringing under-water scenery to its true values and proportions..... 35.00
- 1201—**Champion Standard Mask**, universally accepted for its excellent design. Popular price 2.95
- 1202—**Champion DeLuxe**, same as 1201, shatterproof glass..... 3.95
- 1250—Corrective glass holder to fit Champion masks..... 2.95
- 1224—**Mask-Hood**, safety glass (protects ears, keeps hair dry)..... 12.50
- 1203—"Grand Champ" (white rubber with amber lens)..... 4.95
- 1222—**Marino.** Features **built-in Snorkle**, shatterproof glass. The last word in skin diving comfort. The valve system insures absolute water tightness regardless of head position 14.95
- *X-M—Fog-proof compound which keeps face plates clear..... .49

FLOATING KNIVES AND DAGGERS (with sheaths)

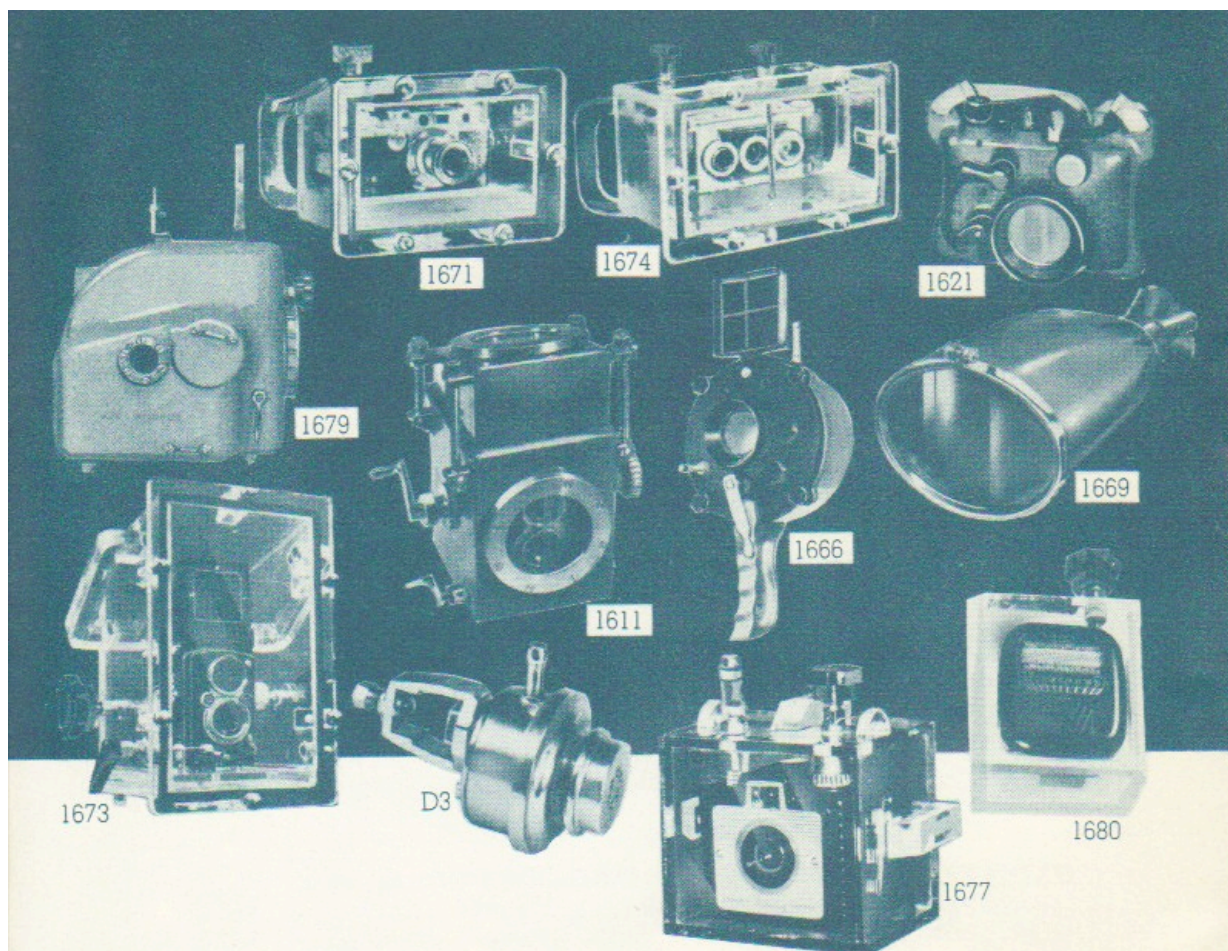
- 1301—Knife. Sharp blade and **locking device**. Cork handle..... 5.95
- 1302—Dagger. Long, double-edged blade. Plastic handle..... 4.95
- 1303—Knife with sheath. Plastic handle..... 4.50
- 1304—Dagger. Long, double-edged blade. Cork handle..... 4.95
- 1305—Knife with sheath. Cork handle..... 4.50
- None of these buoyant-handled weapons can be easily lost, since they float back to the surface. Handy for work above or under water.

SNORKLE TUBES (Unique feature: 3/4" ID and 3 bends)

- 1402—Made of plastic with rubber mouthpiece. An ideal device for skin-divers. Permits breathing at all times while keeping the eyes under water, thus preventing glare of sunlight from blinding the diver when turning up his head for another breath. Features a ball attachment which automatically seals tube when immersed 1.60
- 1401—Same as above, without ball attachment..... 1.00
- 1411—Snorkle Molded mouthpiece only35
- X4—"Aqua-Lung" heavier mouthpiece 1.50
- 1412—Ball attachment only60

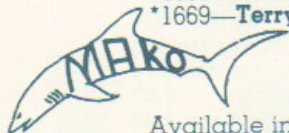
IMPORTED WATERTIGHT SPECIALTIES (SPIROTECHNIQUE)

- Y101—Navy Flashlight—Chromed brass, 3 cells, focusing beam..... 19.95
- Y102—**FROGMAN COMBINATION COMPASS & DEPTH GAUGE**..... 18.50
- Y103—Navy Compass. Luminous dial 27.50
- Y104—Vesper. A small diver's compass 12.50
- Y105—**Watch Case.** Will house and keep watch dry 10.00
- (R1)—Depth Gauge, wrist type, for exact reading of diving depth down to 50 feet 1.95
- (R2)—**Depth Gauge**, wrist type, for exact reading of diving depth down to 220 feet 2.45



UNDERWATER CAMERA CASES

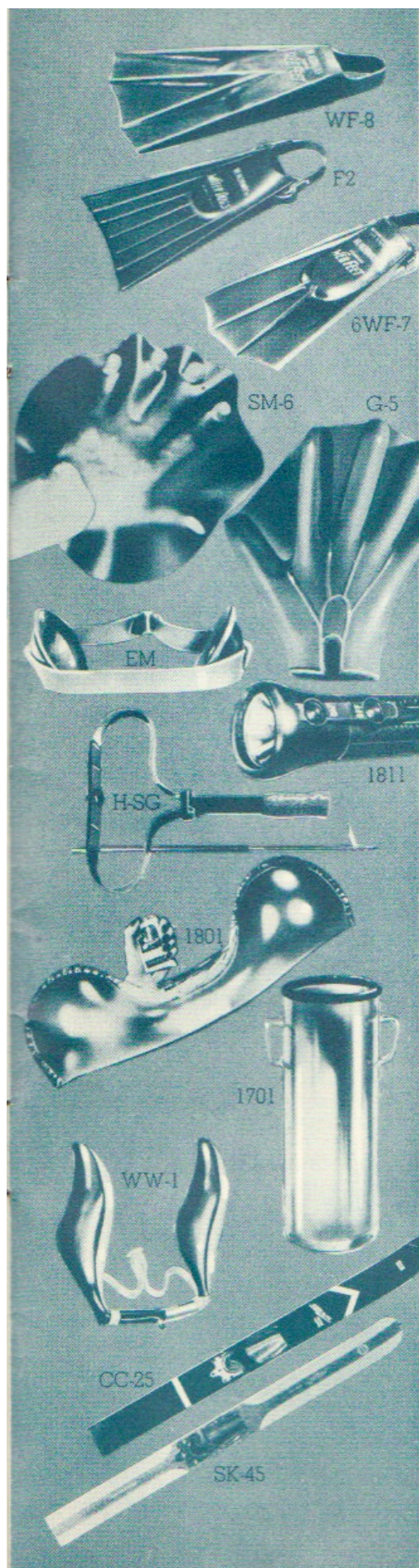
- *1611—Ondiphot Case for any "Rolleiflex" (Made in France).... 150.00
- *1621—O. A. C. case for the "Leica" (Made in France) 140.00
- *1666—Rebikoff case for the "Robot" (Made in France)..... 135.00
- *1669—Terry Blimp. For any small camera in shallow water..... 7.95



The best American made line of watertight camera cases.
Available in plastic or cast aluminum at the same price.

- | | | |
|--|--------|--|
| *1671—"LEICA" case | 99.50 | These 6 cases are equipped with
film transport and shutter release
controls. Additional controls and
strobe or flash outlets available
Each \$25.00 Extra. |
| *1672—"CONTAX" case | 99.50 | |
| *1673—"ROLLEIFLEX" case | 115.00 | |
| *1674—"STEREO REALIST" case | 137.50 | |
| *1675—"STEREO REVERE" case | 99.50 | |
| *1676—"ROBOT" case | 85.00 | |
| *1677—"Brownie" Holiday camera and case | 29.95 | |
| *1678—"EXACTA" case with all external controls including focusing and
f. stop | 195.00 | |
| *1679—"BOLEX H-16" case with external drive for changing aperture
and focusing. Battery operated, electric motor, self-contained.
View finder with parallex compensation. Change film without
removing camera case, in two minutes..... | 750.00 | |
| *1680—"WESTON CADET" light meter. Sealed in thick plexi-glass | 75.00 | |
| *D3—Regulator to automatically pressurize submerged housing | 95.00 | |

(For cameras not listed, prices quoted on request.)



"If It's Aquatic, We Have It"

All our swimming fins float, are made of natural gum rubber, and are available in either green or amber (translucent).

*DF-1295—**Super extra large fins** as used by Navy Frogmen **12.95**

*WF-8—**SENIOR WEB FEET** (indicate shoe size):

Small, 3-6; Medium, 6-8;

Medium large, 8-9; Large, 9-11;

Extra large, 11-13..... **7.95**

*LWF-6—Adjustable Little Web Feet. Fits to shoe size 6..... **3.95**

*6WF7—Adjustable Web Feet. Available in 3 sizes.

Small-Medium, 4-8;

Medium large, 8-11..... **5.95**

Frogman size (wider), 10-14... **6.95**

*F1—Standard Water Dogs. Small, adjustable to shoe size 6..... **2.95**

*F2—Standard Water Dogs. Medium, adjustable, sizes 4-8. Large, adjustable, sizes 8-13 **3.95**

*CC25—Custom Clipper Standard Water Skis **31.50**

*SK45—Speed King Light Weight Water Skis **38.95**

*TR11—Water Ski Tow Rope..... **3.95**

*SB12—Single Handle Bridle..... **1.95**

*SB13—Double Handle Bridle..... **2.50**

*SB10—"Aqua-Flite" Ski Bindings... **9.95**

*EM—Aqua-Muff for ear protection.. **1.50**

*E7—Ear Stopples **.25**

*G5—"Speed Web" Swim Gloves (S, M, L, XL)..... **1.95**

*SM6—Swim Mitt (Plastic), (S, M, L)... **.98**

*NO—Nose Clips **.98**

*WW1—Water Wings, regular size... **1.69**

*WW2—Water Wings, junior size.... **1.39**

*1701—Look Box. For underwater observation from boats; eliminates reflection and optical interference..... **13.95**

*B25—Abalone Iron **2.00**

*1801—**Res-Q-Pak. Cigarette Package size, CO₂ operated. Upon squeezing, floats a 250-pound man.....** **2.00**

*1811—**Underwater Flashlight.** Rubber, water-tight, and pressure-resistant; without batteries **2.95**

*H-SG—Hawaiian Sling Gun..... **7.95**

BOOKS



- *1912—"The Undersea Adventure," by Philippe Diolé. Accounts of explorations in the world beneath the sea, from 480 B.C. to William Beebe's Bathysphere, besides the author's experiences 4.50
- *1910—"The Silent World," by Captain Cousteau. A breath-taking story of undersea discovery and adventure by the first men to dive at record depths with their own invention, the "Aqua-Lung" 4.00
- *1909—"The Frogmen," by Waldron & Gleeson. The full and true story of the birth and growth of the Navy divers. 3.95
- *1901—"Shallow Water Diving and Spearfishing," by Schenck and Kendall. A comparative review of all modern equipment 4.00
- *1917—"Underwater Photography," by Schenck & Kendall. A comprehensive manual 3.00
- *1911—"Deep Diving and Submarine Operations," by Sir Robert Davis. Complete history of diving and equipment. . . 9.95
- Y-100—"Self-Contained Diving," by Rene Bussoz. A guide for the neophyte diver, with scientific and practical information on the "Aqua-Lung" and its accessories.95
- *1903—"Diving to Adventure," by Hans Hass. The most amazing book by the world's most daring diver. 3.75
- *1913—"Manta," by Hans Hass. Epitomizes man's instinct to search nature's secrets at the risk of life. 4.00
- *1914—"A Guide to Skin Diving and Underwater Spearfishing," by Max L. Jones. 1.65
- *1915—"Kon-Tiki," by Thor Heyerdahl. Six brave men seek a dangerous path to test a scientific theory. 4.00
- *1916—"Kon-Tiki and I," by Erik Hesselberg. A sketch book of the famous expedition by its navigator. 2.50
- *1918—"Fun in the Water," by Commander Bob Winston. Informative with humorous sketches. 1.00
- *1922—"Underwater Photography and Television," by E. R. Cross. Recounts actual accomplished jobs. Design, uses, and maintenance of photographic equipment. 6.00