

SCUBA WORKSHOP

1919 Compressed Air Scuba with Demand Regulator and “Made in Germany”

TEXT AND PHOTOS BY MICHAEL JUNG

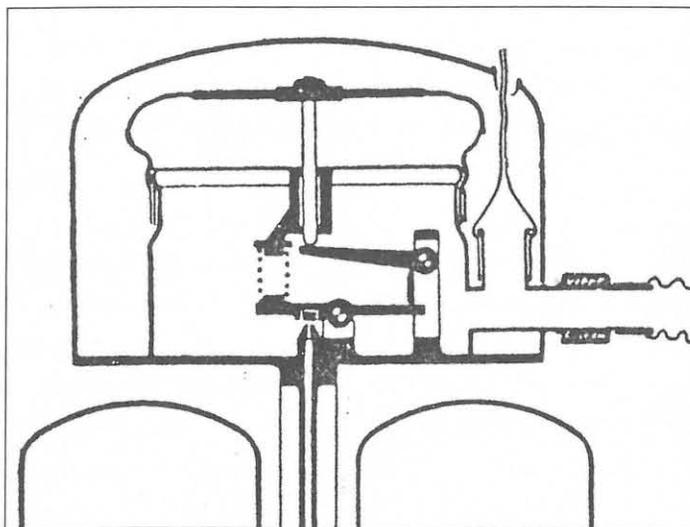
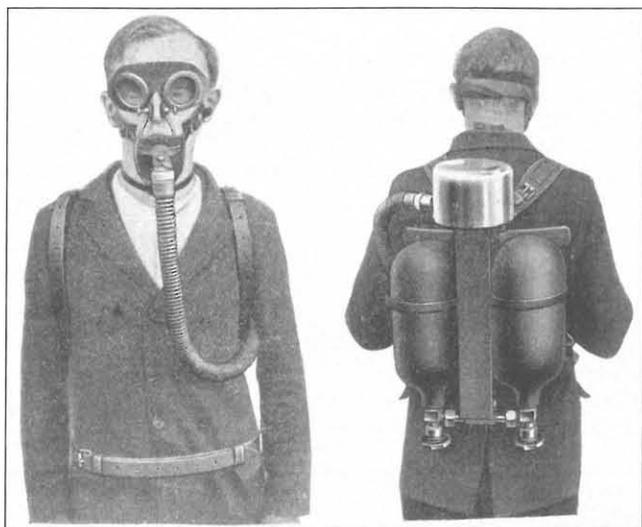
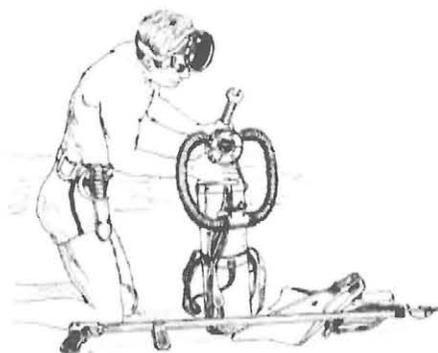


Figure 1.

Imagine my surprise when Michael Jung mentioned that Commeinhes and Cousteau were late comers on the demand valve compressed-air scuba scene. We have explored Japanese units with Nyle Monday’s exciting articles but noted that they were problematic devices that required the diver to bite the mouth-piece to demand air. This German unit looks to be a remarkable “down-stream” single stage regulator and tank rig that would only need a Cousteau style exhaust assembly to match the GC-42 and CG-45 regulators of those later inventors.

— **Kent Rockwell**

The German producer “Ludwig von Bremen” situated in Hamburg, was the German Licence holder for Rouquayrol & Denayrouze

in France. Von Bremen was sold in 1905 and named “Hanseatischen Apparatebau-Gesellschaft HAG”. The HAG was the forerunner of the “Hanseatische Apparatebau-Gesellschaft Neufeldt & Kuhnke HAGENUK”, which was famous for Atmospheric Diving Suits ADS.

In 1919 the HAG began to produce simple Oxygen-Rebreathers with demand regulators (Patent DE 490405). The name of the rebreathers was “AUDOS” for “Automatic Dosage.”

Besides this rebreather, HAG began to produce three different types of SCUBA with demand regulators. All types had two tanks with compressed air. Each tank had 3 litres volume and was filled up to 150 bars. In the middle was an improved regulator “Type Rouquayrol & Denayrouze.” All three types

were produced for several years with much success.

1. The “Nackt-Tauchgerät NT;” (English: naked diving gear) was a simple gear for fast and easy work at the bottom of the sea. The nose was closed with a clip and the eyes had goggles. On the feet were lead weights.
2. The “Nackt-Tauchgeraet Beutel NTB;” had an additional bag, which could be filled with air for the ascent. The type was used for the rescue of drowned people.
3. The “Kombination T.A;” was for use in combination with a closed diving suit and a three-bolt-helmet.

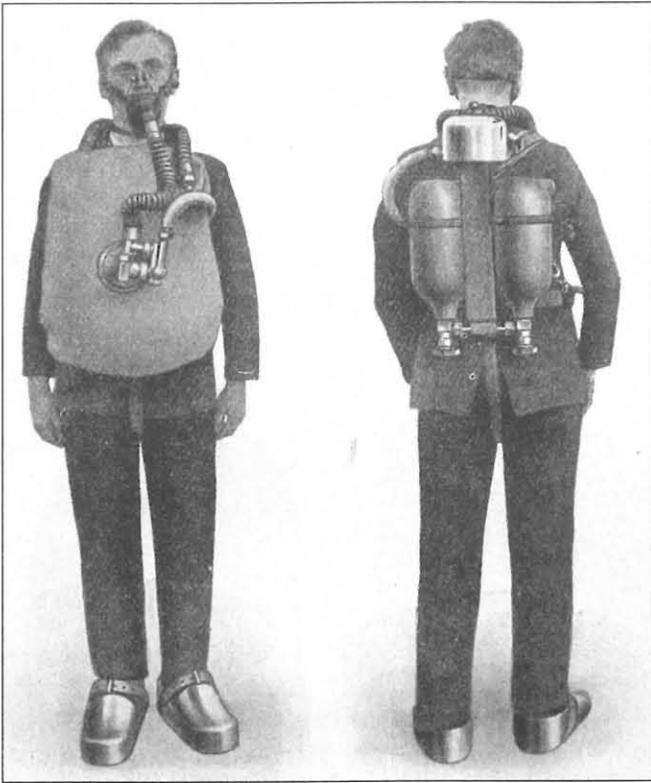


Figure 2.

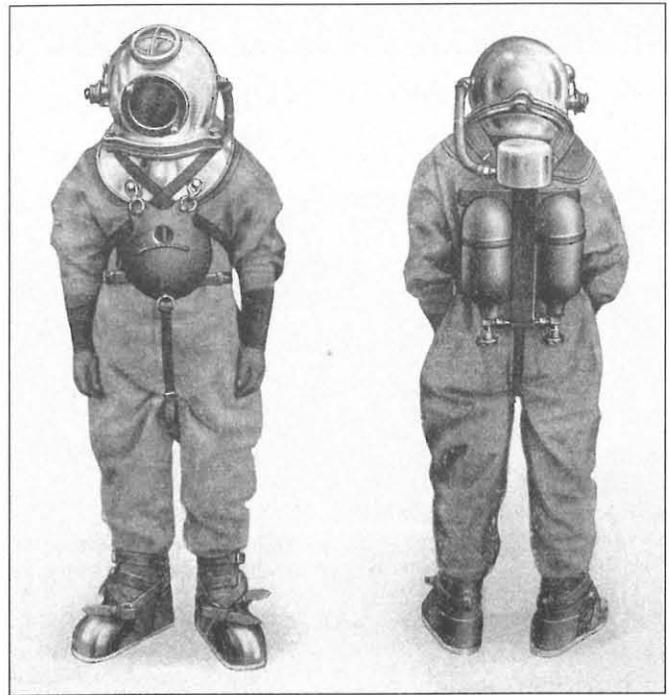


Figure 3.

Proudly supporting the Historical Diving Society



OUR FOUNDER & INSPIRATION
Captain Jacques Yves Cousteau

AQUA LUNG
FIRST TO DIVE



The advertisement features a portrait of Captain Jacques Yves Cousteau on the left. To the right, the text reads "Proudly supporting the Historical Diving Society" and "OUR FOUNDER & INSPIRATION Captain Jacques Yves Cousteau". Below this is the Aqua Lung logo, which consists of the word "AQUA" followed by a stylized wave symbol and the word "LUNG", with "FIRST TO DIVE" underneath. On the right side of the advertisement, there is a detailed image of Aqua Lung diving equipment, including a regulator with a "TITAN" label and a BCD with the Aqua Lung logo.