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ARMY MEDICAL INTELLIGENCE AND INFORMATION AGENCY WAS--ETC F/6 13/11
VACUUM PUMP MADE OF METAL (VAKUUM PUMPE AUS METALL), (U)
AUG 77 SCHELL

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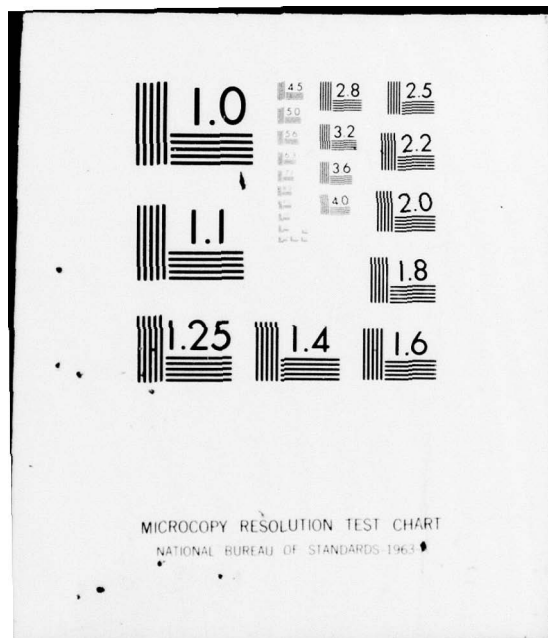
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DEPARTMENT OF THE ARMY
U.S. ARMY MEDICAL INTELLIGENCE AND INFORMATION AGENCY
WASHINGTON, D.C. 20314

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Author:

10 LTC Schell

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Department for Studies and Science
Academy for Medical Service and Sanita-
tion of the Bundeswehr (SanAkBw)
Ref.: 90-65-15

8 Munich 40, 28 June 1976 /1

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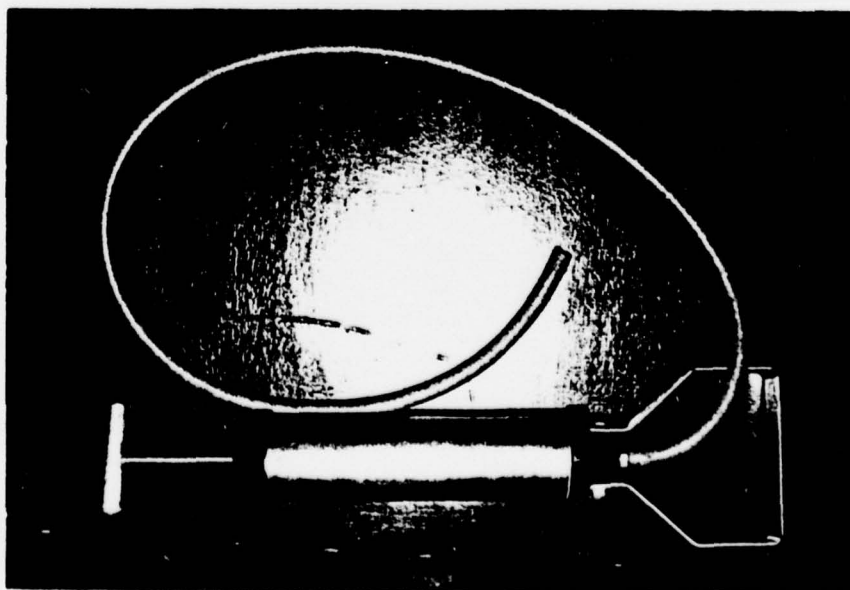
Federal Office for Military Technology and Procurement
(Bundesamt fuer Wehrtechnik und Beschaffung) (2 copies)
- BA IV 2 -
Am Rhein 2-4, 5400 Coblenz

Subject: Vacuum Pump Made of Metal

References: 1. BWB - BA IV 2 - Ref. No. 90-65-15 of 21 June 1976
2. Academy for Medical Service and Sanitation of the
Bundeswehr/Department for Studies and Science (ASW),
Study Group for Medical Technology and Medical Sup-
plies, Ref. No. 90-65-15-25 of 24 March 1976

Enclosure: 1. Technical Drawing

Reference 1 requests the Academy for Medical Service and Sanitation
of the Bundeswehr through the Federal Office for Military Technology and
Procurement (BWB) to test a vacuum pump made of metal (as in reference 2)
to establish whether the model fulfills the requirements.



The following position has been established on this matter:

/2

The model demonstrated is stable, has a good suction performance and is basically suited for manual and treadle operation.

However, in order for the pump to be still better utilized for manual and treadle operation and to enable a simple harmless attachment to the vacuum stretcher, the following changes are proposed: (cf. technical drawing as inclosure on this subject*)

1. The foot section should be kept narrower in the width of the area for the foot and be provided with a nonskid rubber or plastic inlay.
2. The web edges should be flanged for increasing web stability.
3. The width of the treadle should remain on the body of the pump as in the model in order for the treadle to keep enough buckling strength.

A pressure hose used as general supply article in the Bundeswehr should be utilized as pump hose.

For

[Signature]

(Schell)

Lieutenant Colonel (Pharmacist)

[Handwritten note: Handpump shipped by separate mail.]

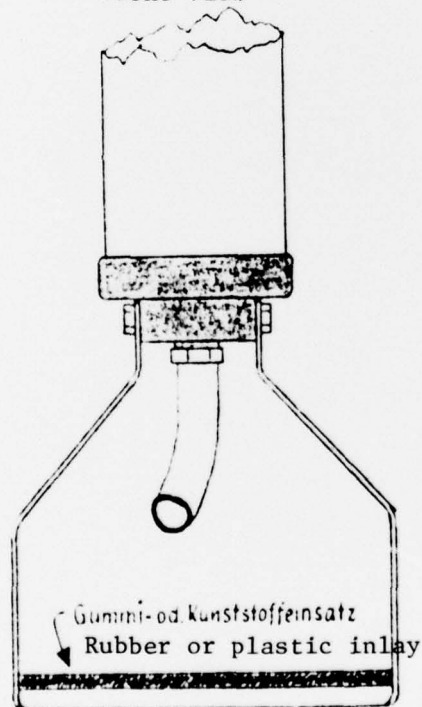
*Translator's Note: Handwritten note.

Inclosure to ltr Anlage zu Schreiben
 Dept for Studies and Science/Academy *StudGrp SanTSanMat*
 for Med. Service and Sanitation of ASW/SanAkBw
 the Bundeswehr

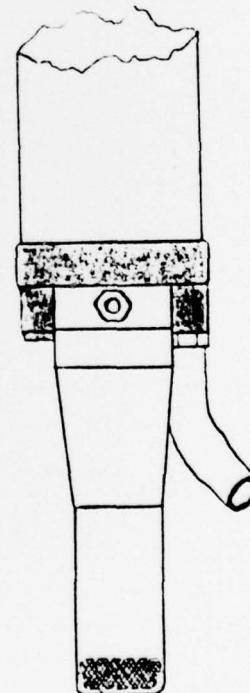
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Vorderansicht
 Front view



Seitenansicht
 Side view



Proposed modification: Änderungsvorschlag:

Treadle vacuum pump,
 metal

Fußbügel

Vakuumpumpe, Metall

Scale: M 1:2,5

1:2.5

SanAkBw ASW
 Studien Gruppe
 Sanitätstechnik u. Sanitätsmaterial