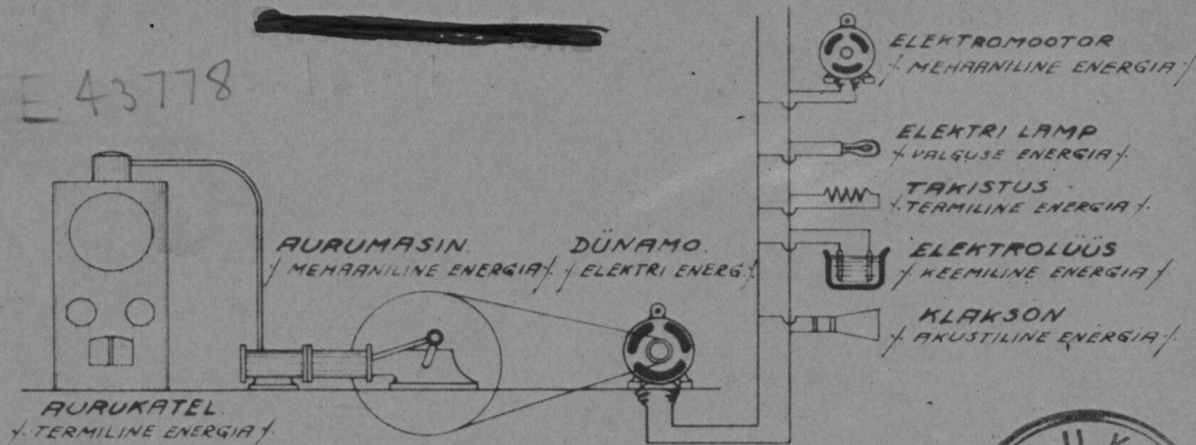


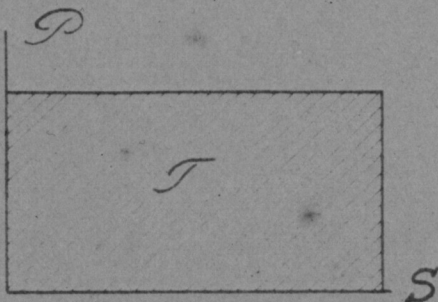
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Joon. №1

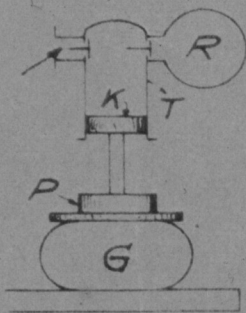


Joon. №2

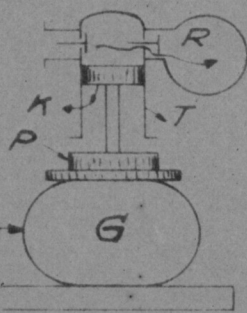


Joon. №3

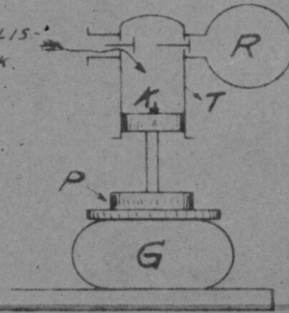
ESTONIA
Riiklik Avalik
Raamatukogu



SOEND. AP.



VALIS-
OHK.



Joon. №4

Lennukooli
Raamatukogu
№ 4-2566

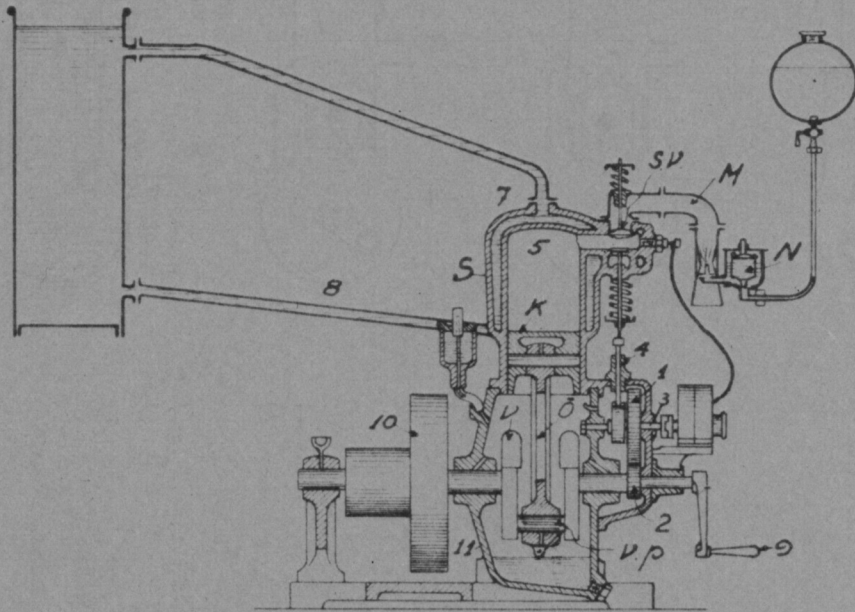
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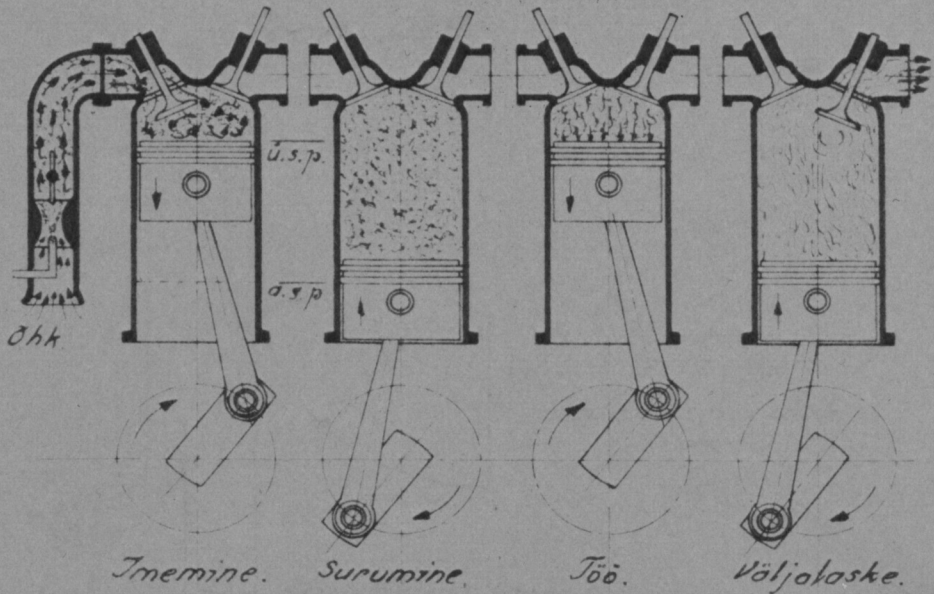
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AR Fr. R. Kreutzwald
nim. ENSV Riiklik
Raamatukogu

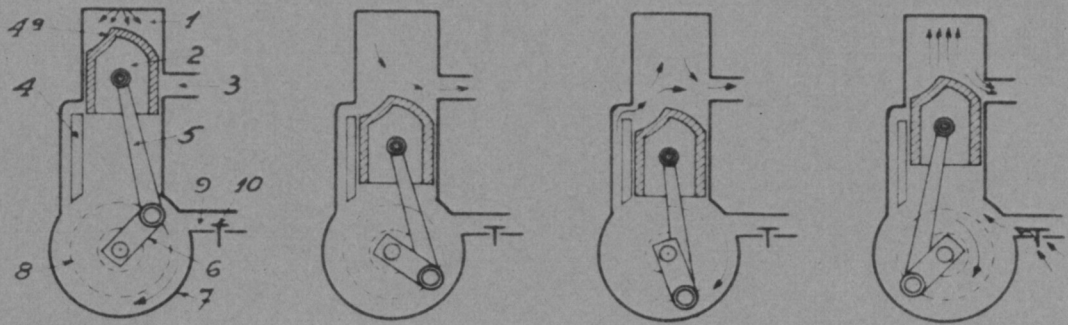
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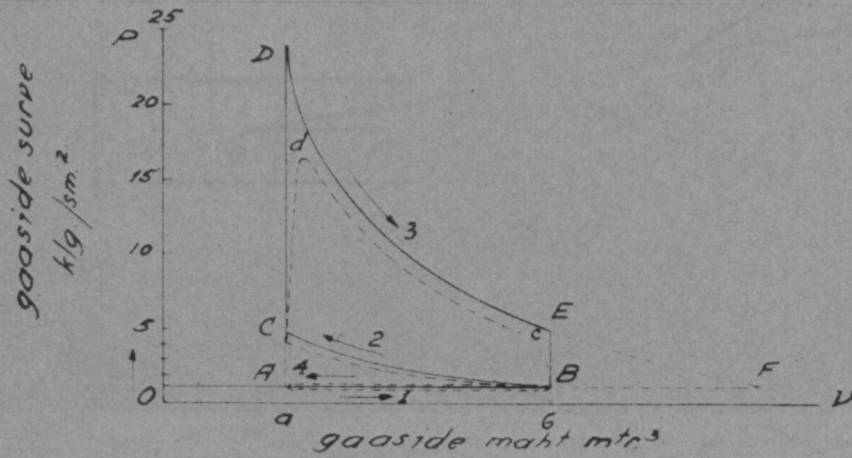
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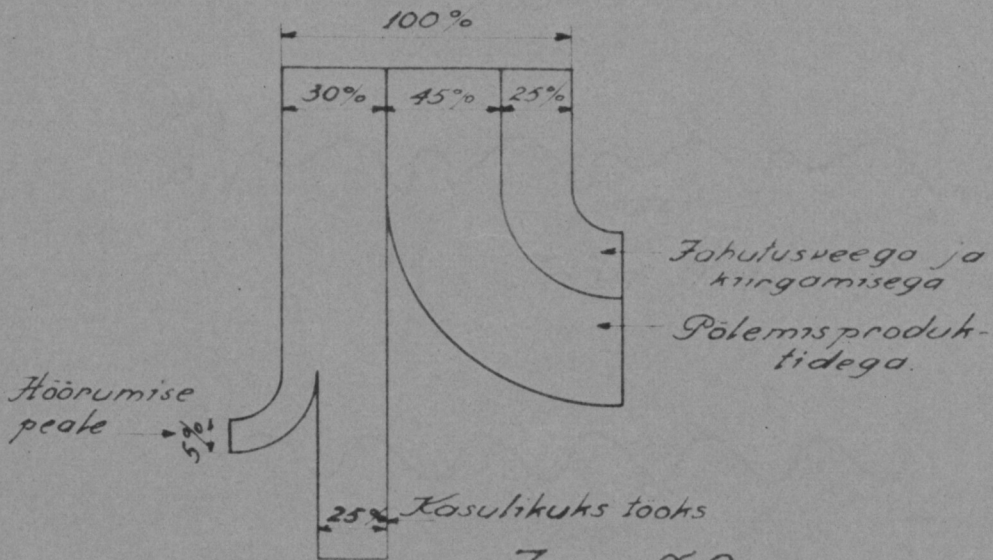
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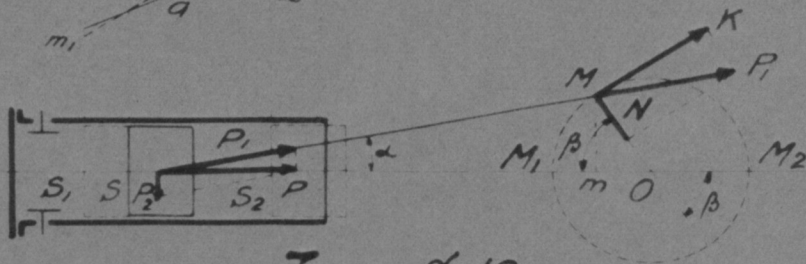
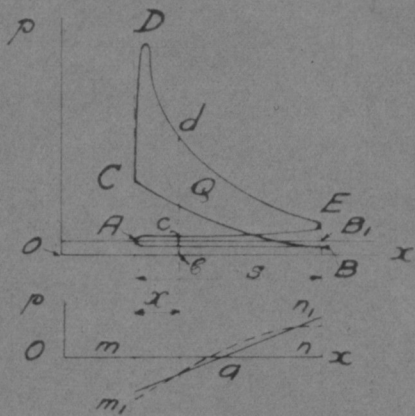
Joone №7



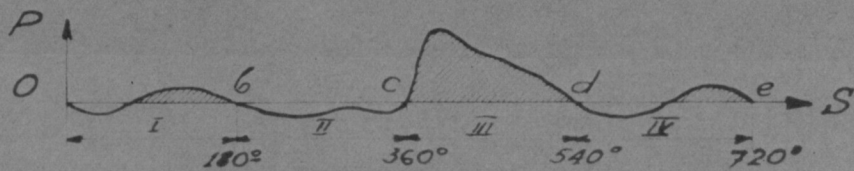
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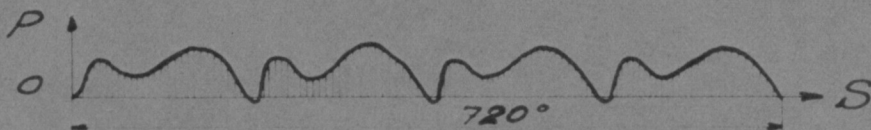
Joone №9.



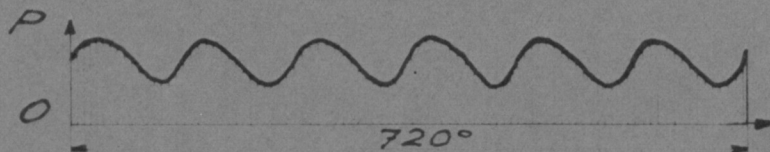
Фиг. № 10



Фиг. № 11



Фиг. № 12



Фиг. № 13.

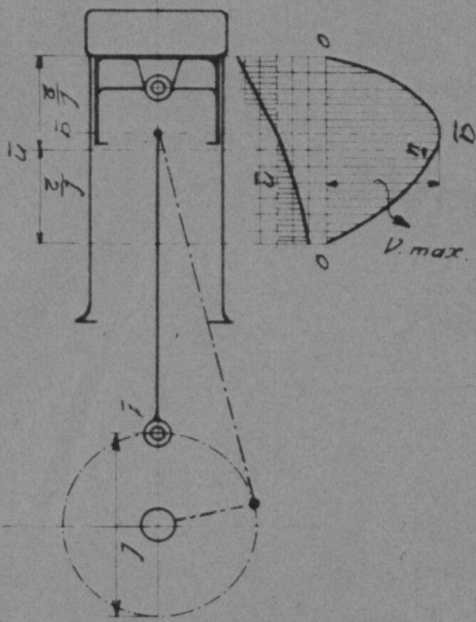


Fig. No. 14.

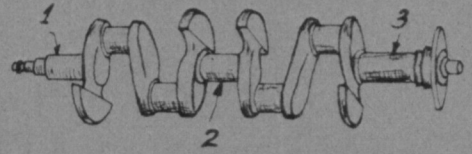


Fig. No. 15.

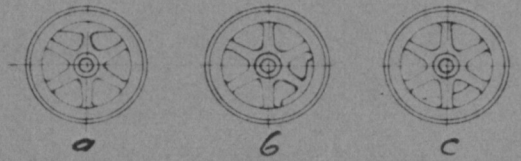


Fig. No. 16.

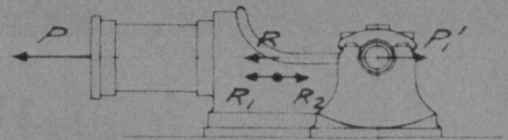


Fig. No. 17.

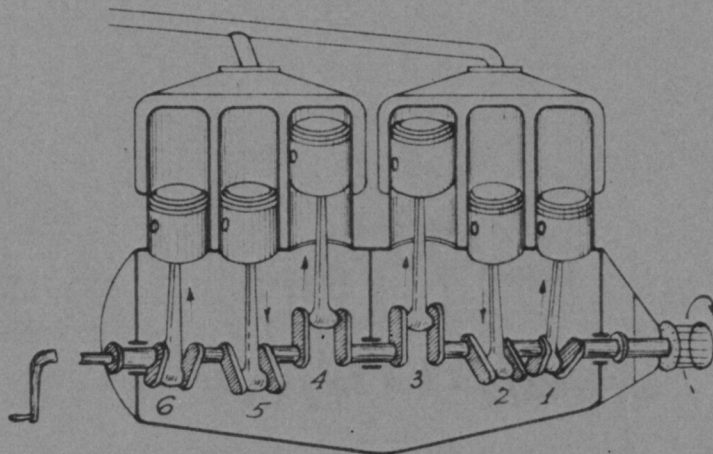
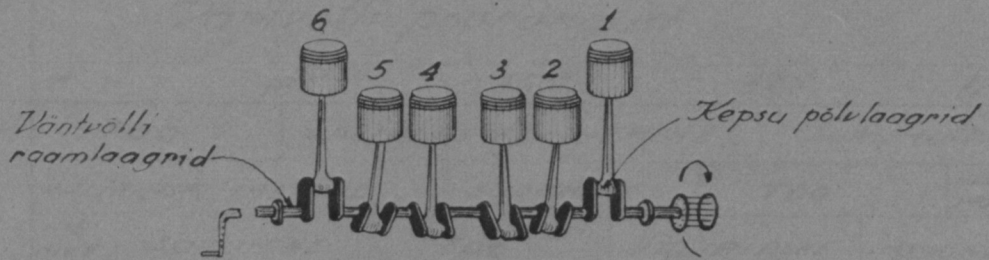
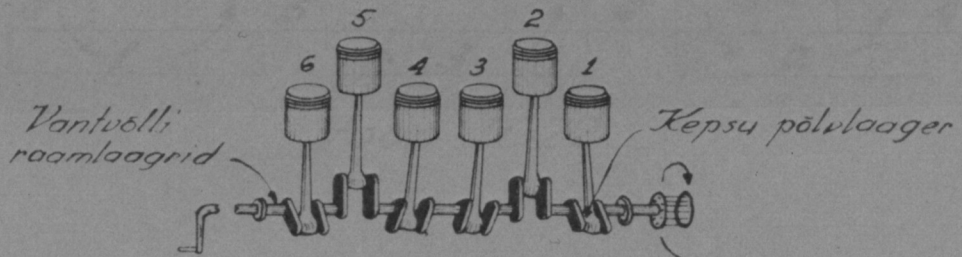


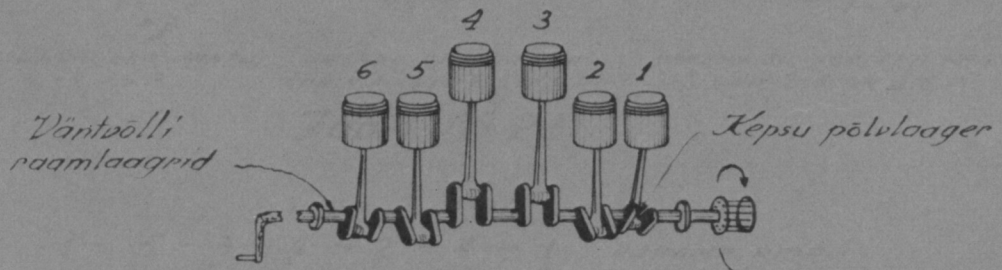
Fig. No. 18.



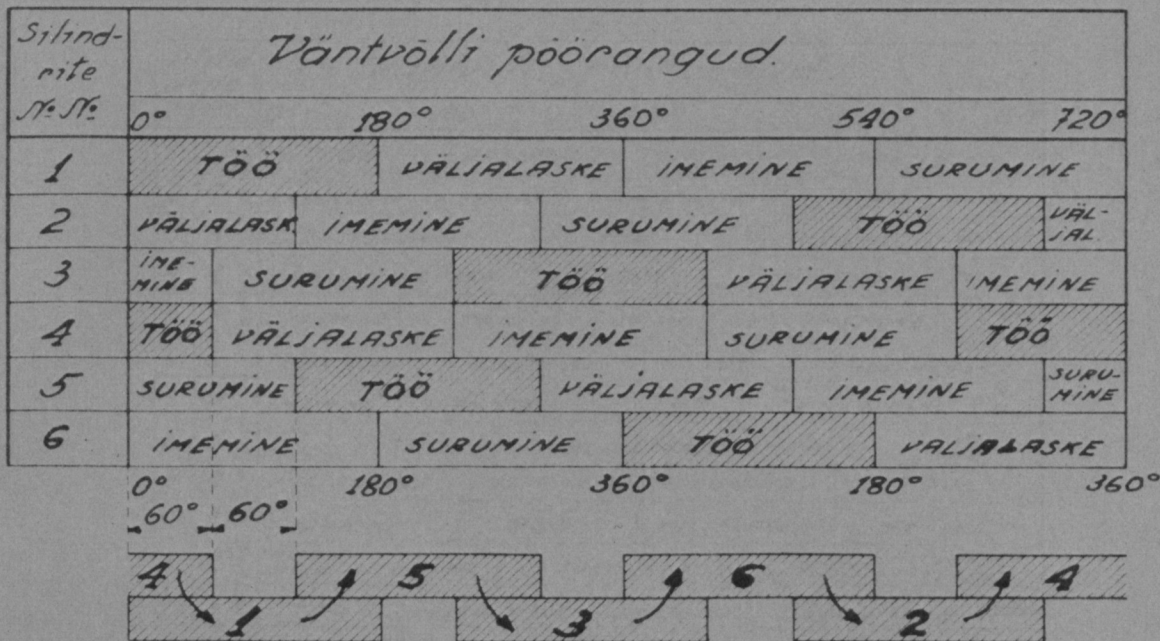
Foon. № 19.



Foon. № 20.

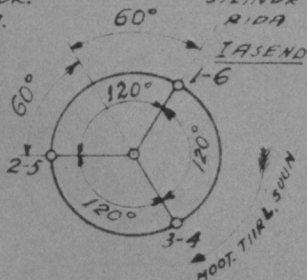


Foon. № 21.



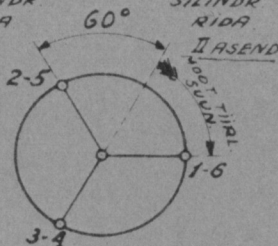
Foon. №22.

VASAKP. SILINDR. RIDA.



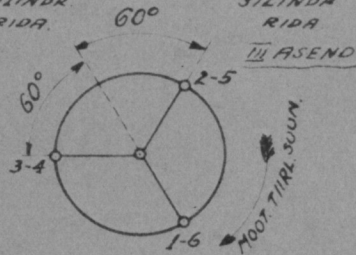
PAREMP SILINDR. REA VÄNTV. PÕLVED 1-6 ON Ü.S.P

VASAKP. SILINDR. RIDA



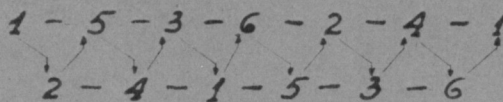
VASAKP. SILINDR. REA VÄNTV. PÕLVED 2-5 ON Ü.S.P

VASAKP. SILINDR. RIDA.



PAREMP SILINDR. REA VÄNTV. PÕLVED 2-5 ON Ü.S.P.

Foon. №23.



PAREMP RIDA

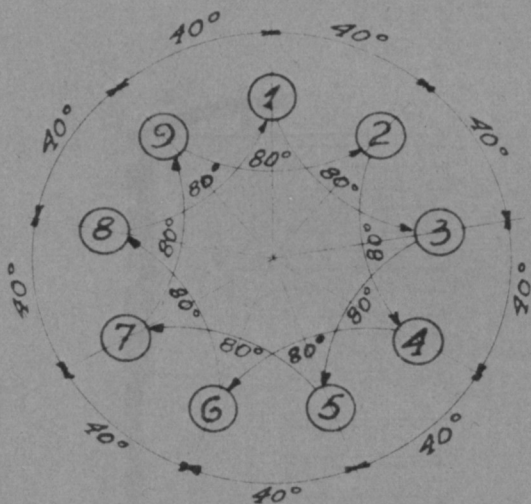
VASAKP. RIDA.

Foon. №24.

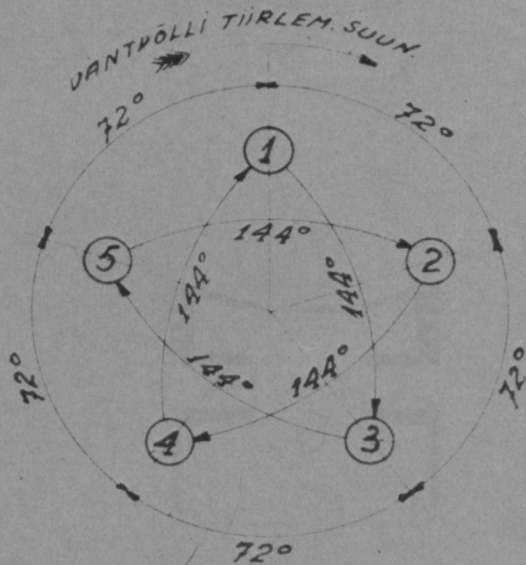
| Siltid. drite №№: | | Väntvölili pöörangud | | | | |
|-------------------|---|----------------------|------------|------------|------------|------------|
| | | 0° | 180° | 360° | 540° | 720° |
| 1 | 1 | TÖÖ | VÄLJALASKE | IMEMINE | SURUMINE | |
| 2 | 2 | VÄLJALASKE | IMEMINE | SURUMINE | TÖÖ | VÄLJ |
| 3 | 3 | IMEMINE | SURUMINE | TÖÖ | VÄLJALASKE | IMEMINE |
| 4 | 4 | TÖÖ | VÄLJALASKE | IMEMINE | SURUMINE | TÖÖ |
| 5 | 5 | SURUMINE | TÖÖ | VÄLJALASKE | IMEMINE | SURUMINE |
| 6 | 6 | IMEMINE | SURUMINE | TÖÖ | VÄLJALASKE | |
| 7 | 6 | IMEMINE | SURUMINE | TÖÖ | VÄLJALASKE | IMEMINE |
| 8 | 5 | SURUMINE | TÖÖ | VÄLJALASKE | IMEMINE | SURUMINE |
| 9 | 4 | VÄLJALASKE | IMEMINE | SURUMINE | TÖÖ | |
| 10 | 3 | SURUMINE | TÖÖ | VÄLJALASKE | IMEMINE | |
| 11 | 2 | VÄLJALASKE | IMEMINE | SURUMINE | TÖÖ | VÄLJALASKE |
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| | | 60° | 180° | 360° | 180° | 360° |

Foon. №: 25.

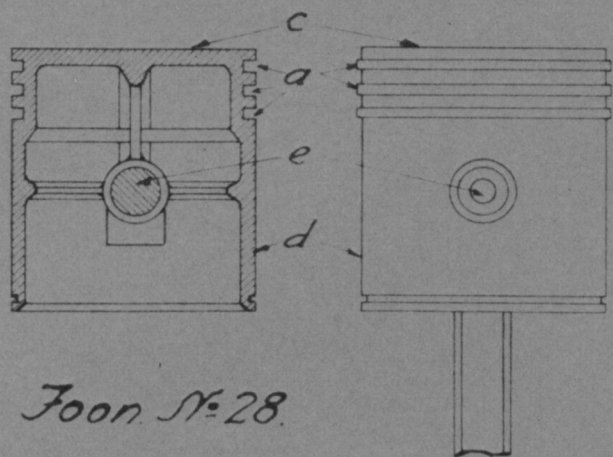
468-55



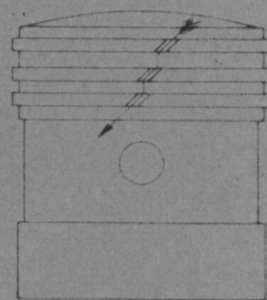
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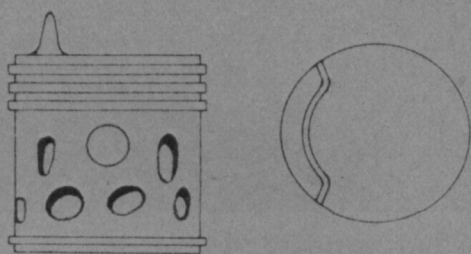
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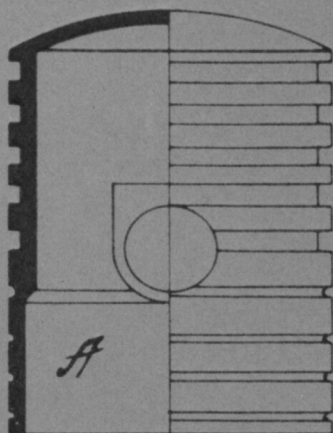
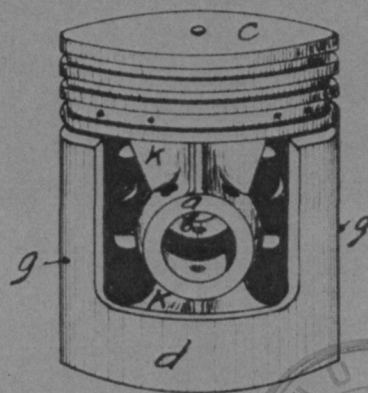
Foon №28.



Foon №29

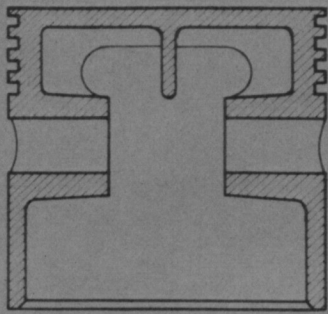


Foon №30

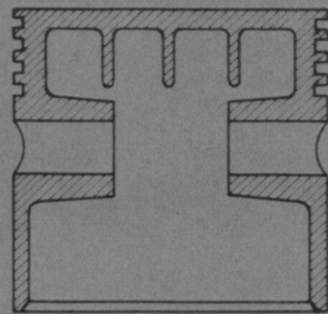


Foon №31.

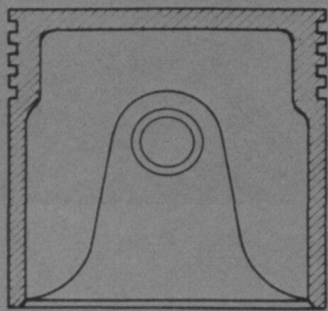




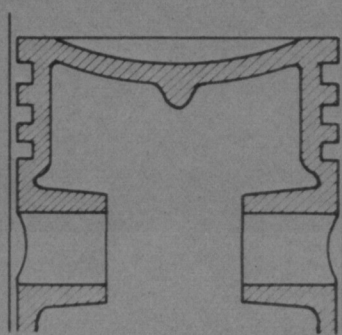
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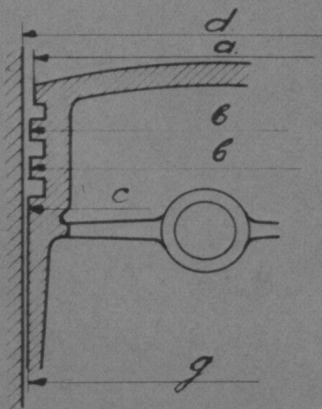
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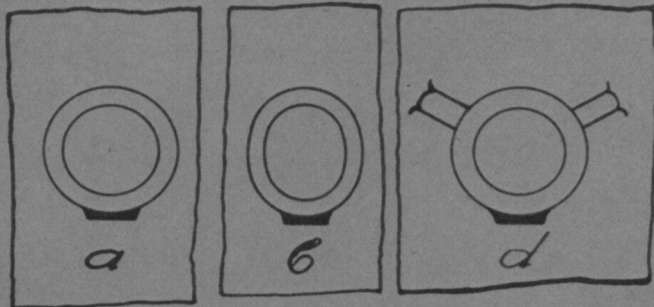
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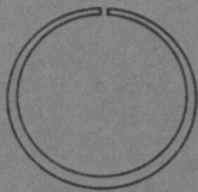
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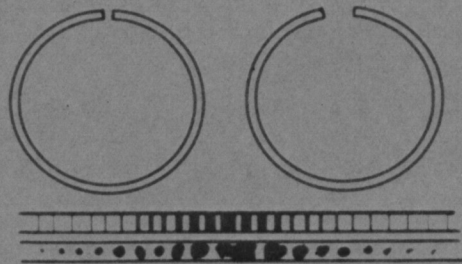
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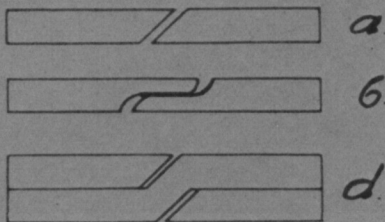
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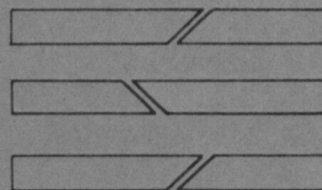
Foon. № 38.



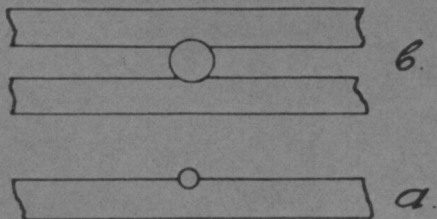
Foon. № 39.



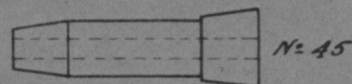
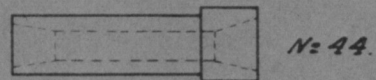
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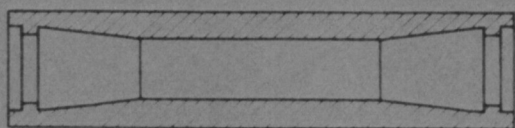
Foon. № 41.



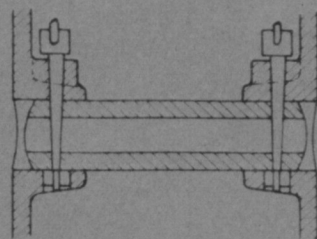
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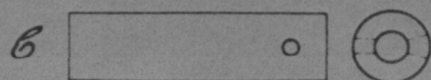
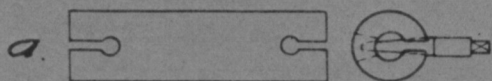
Foon. № 44, 45.



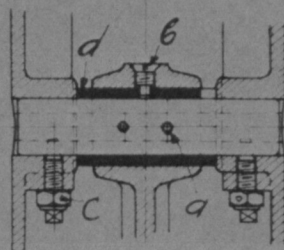
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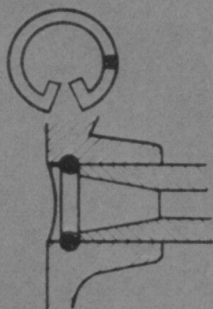
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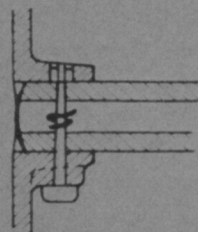
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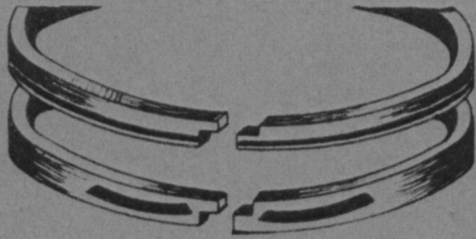
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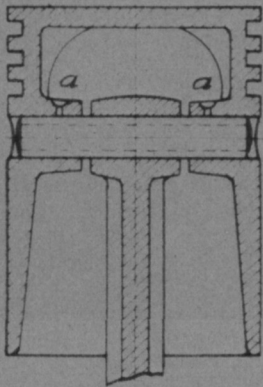
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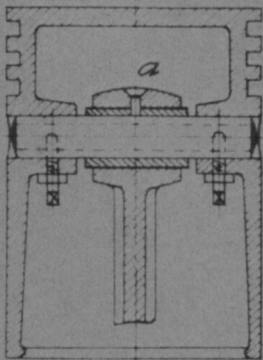
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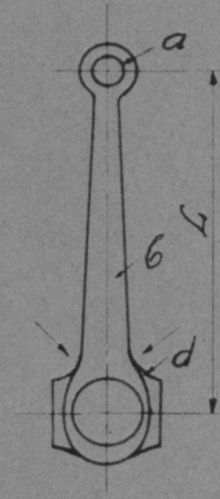
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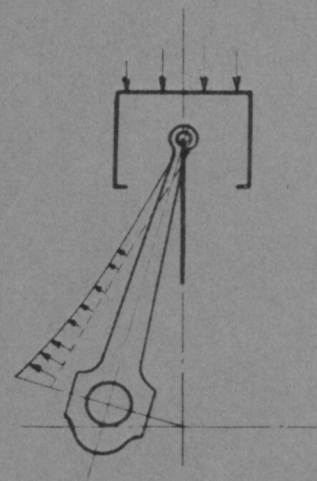
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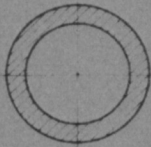
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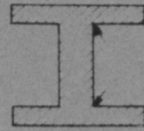
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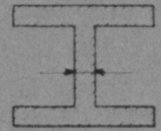
Foon №55



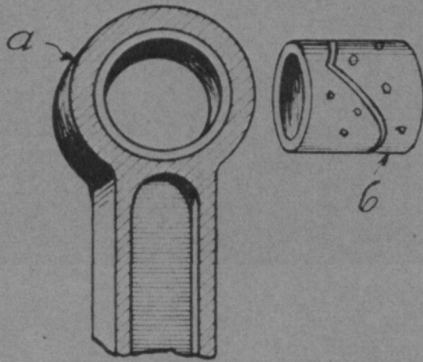
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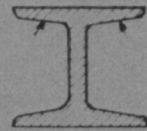
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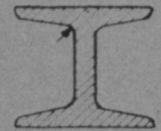
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Form. № 58

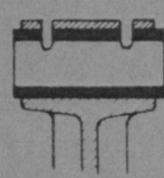
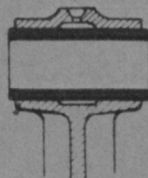
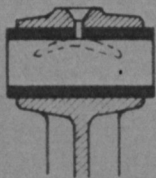


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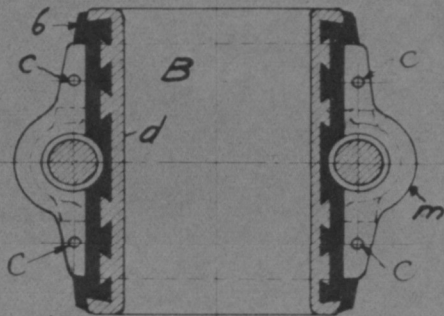
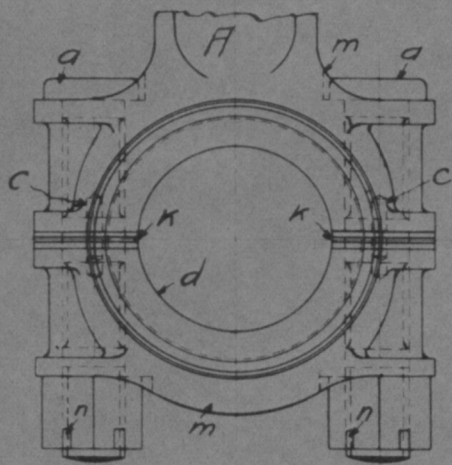


e

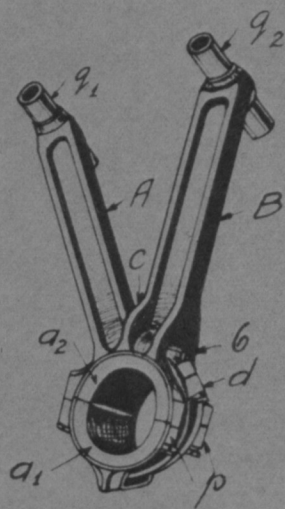
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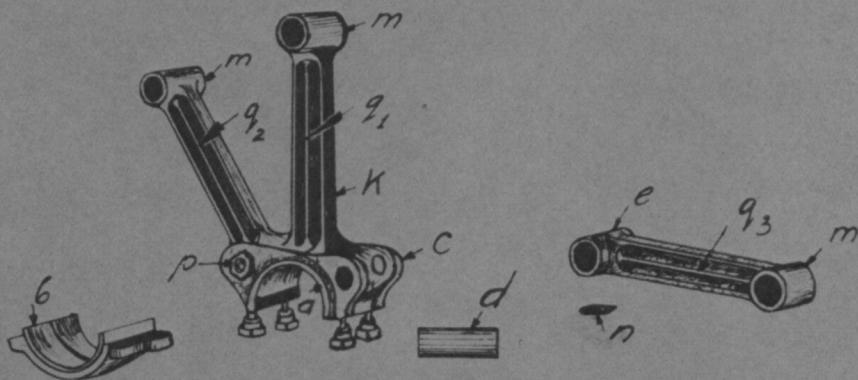
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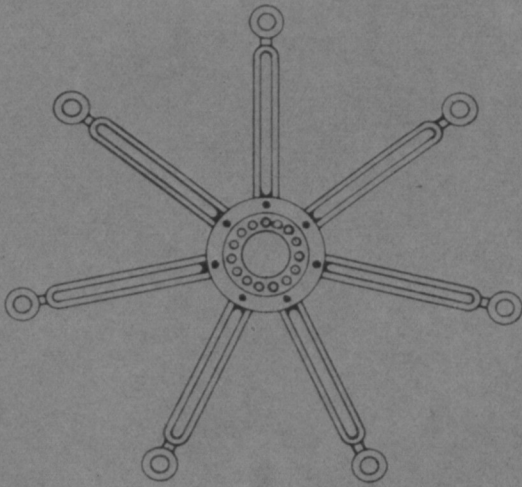
Foon №60.



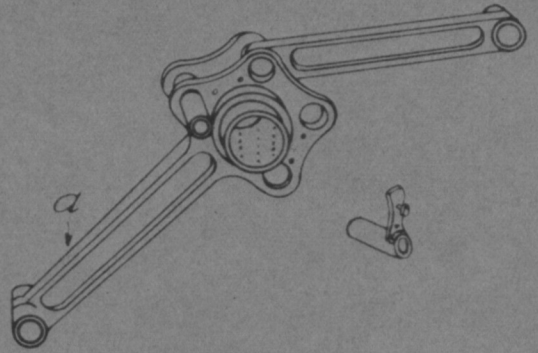
Foon №61.



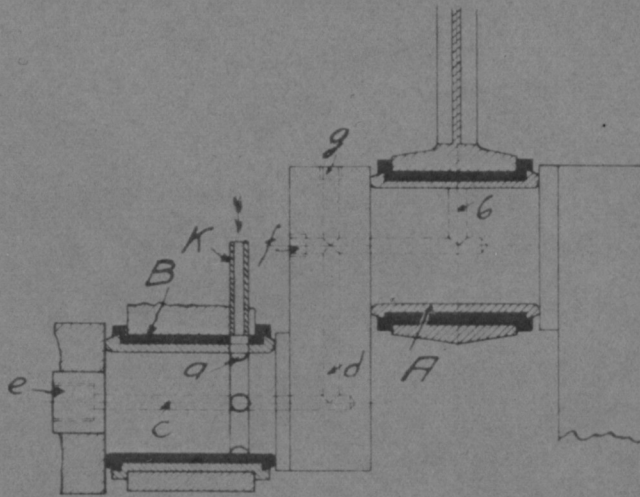
Foon №62.



Foot №63.

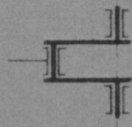


Foot №64.

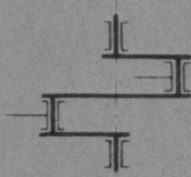


Foot №65.

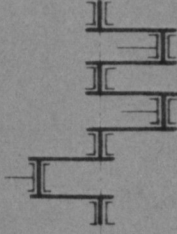
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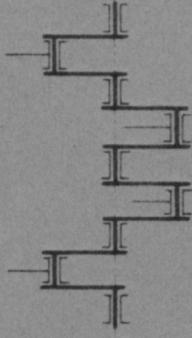
2 silin.



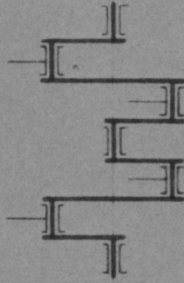
3 silin.



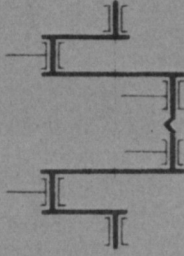
4 silin.



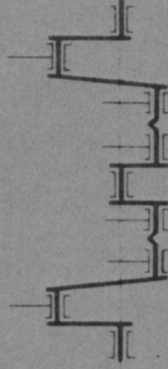
4 silin.



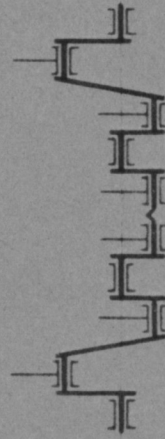
4 silin.



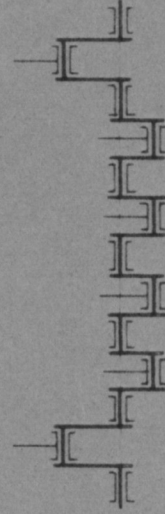
6 silin.



6 silin.

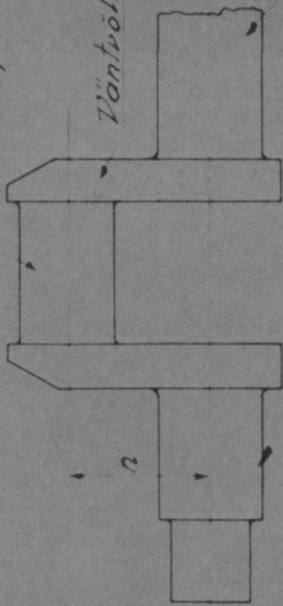


6 silin.



Foon N. 66.

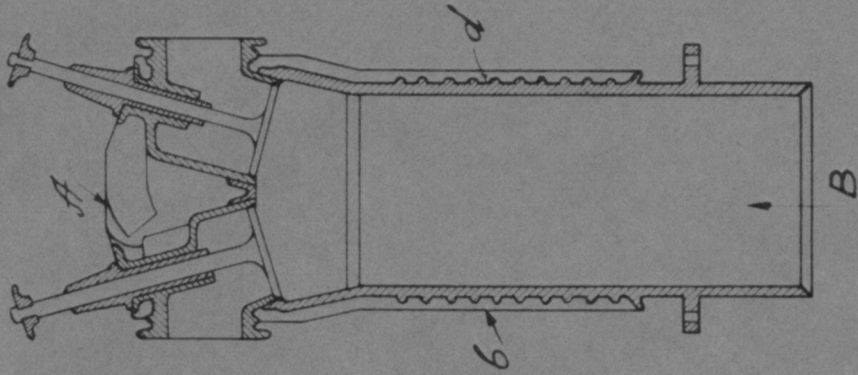
Väntvöllli pöve kaelus.



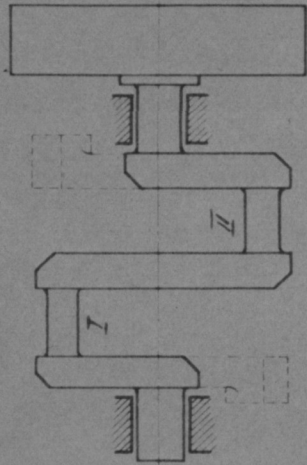
Väntvöllli pöve ölg.

Väntvöllli kaelus

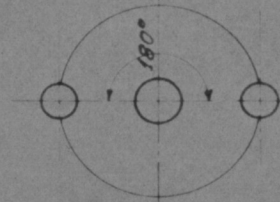
Foon. № 67

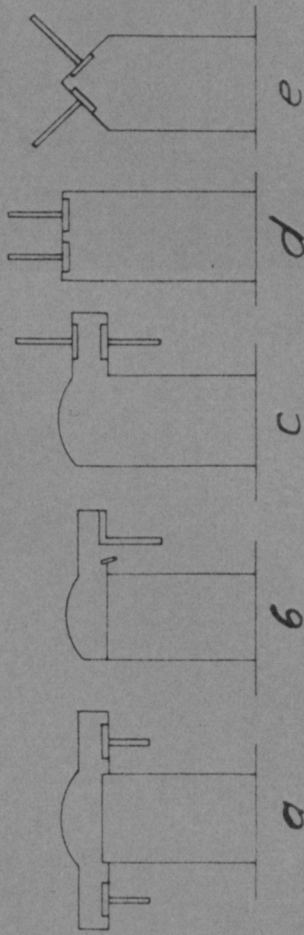


Foon. № 69.

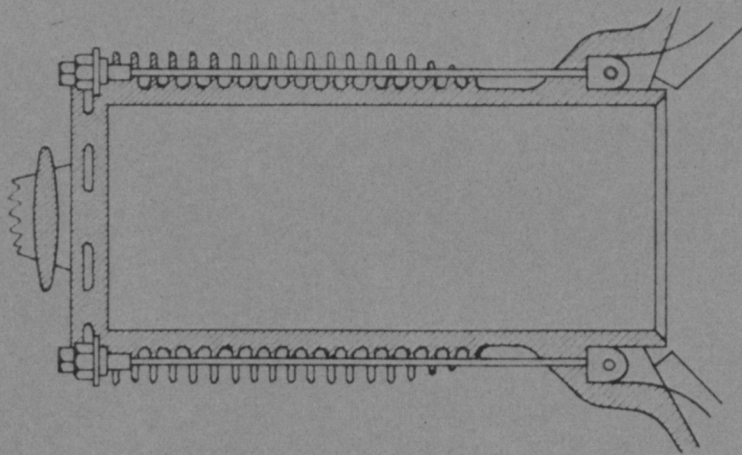


Foon. № 68.

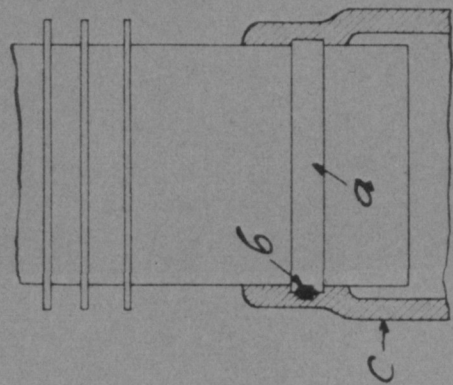




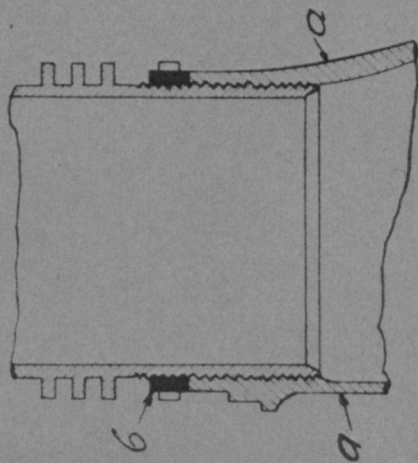
Foon. № 70



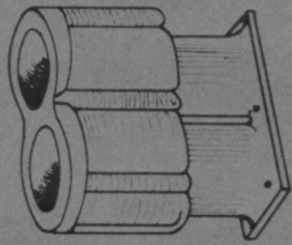
Foon. № 73



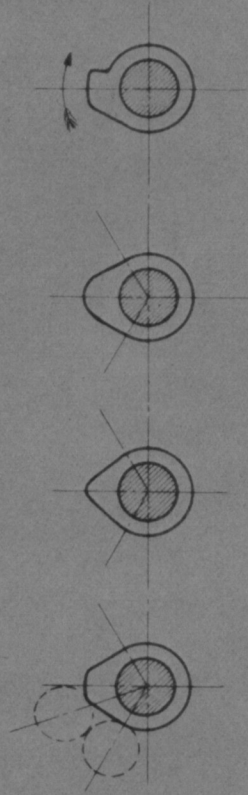
Foon. № 72



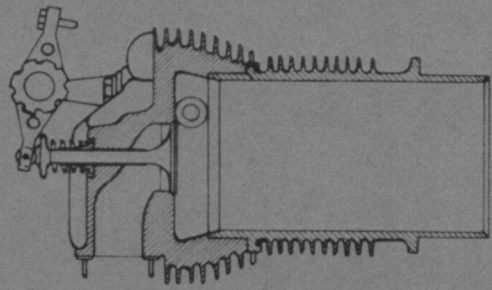
Foon. № 71



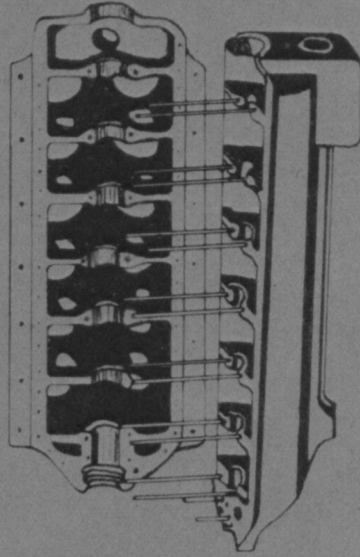
Зон. №74



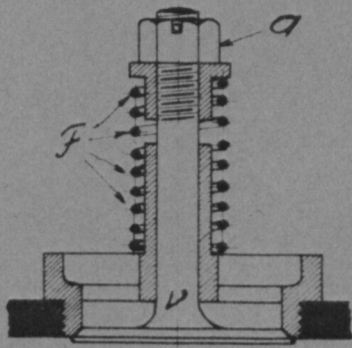
Зон. №76



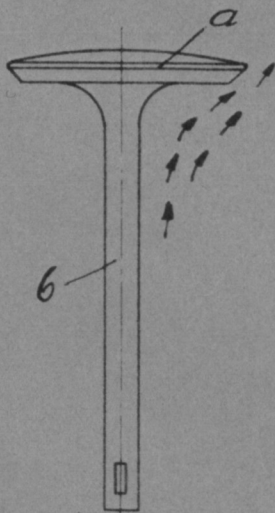
Зон. №75



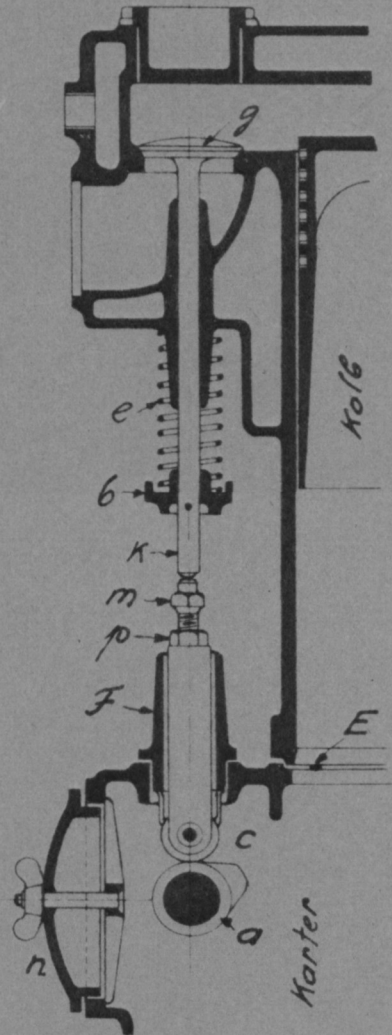
Зон. №77



Fooon. № 78.

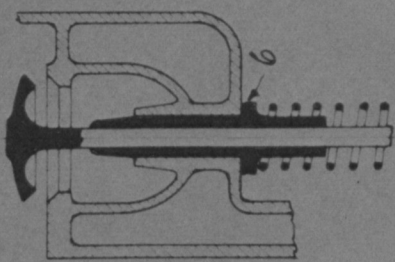


Fooon. № 80.

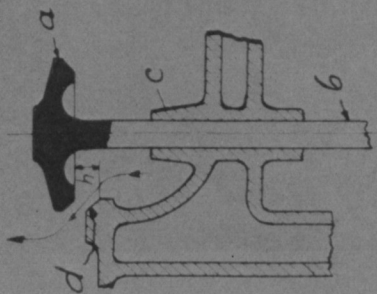


Fooon. № 79

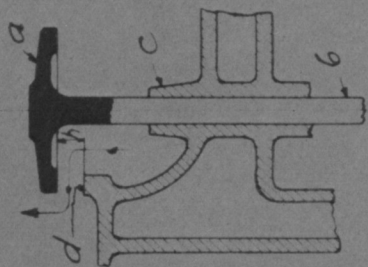
Fr. R. Kreuzwäldi
nim. ENSV Riiklik
Raamatukogu



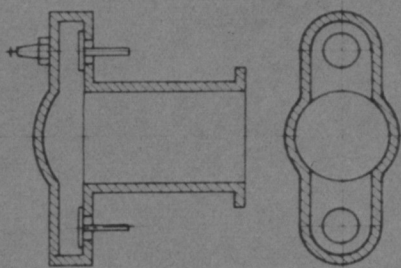
Foon. № 83



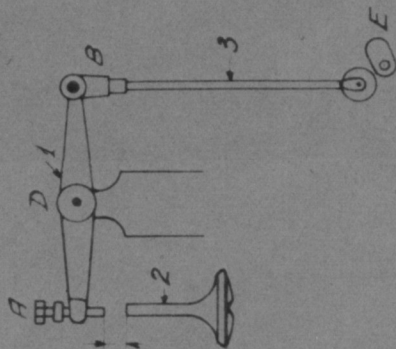
Foon. № 82



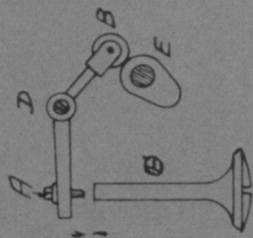
Foon. № 81

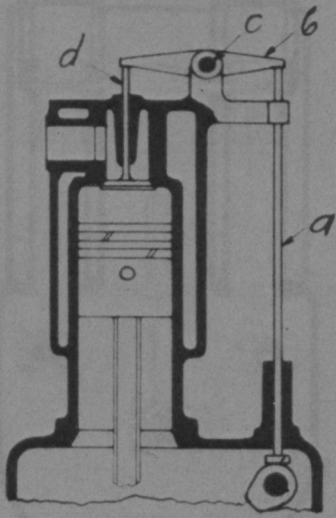


Foon. № 85

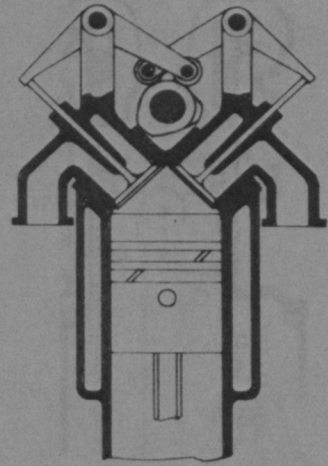


Foon. № 84

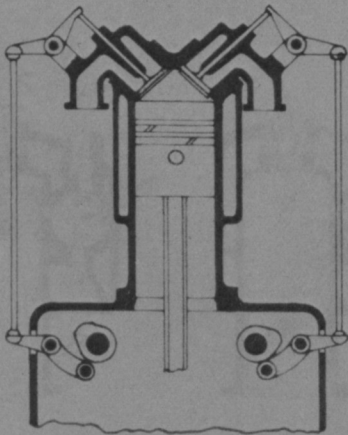




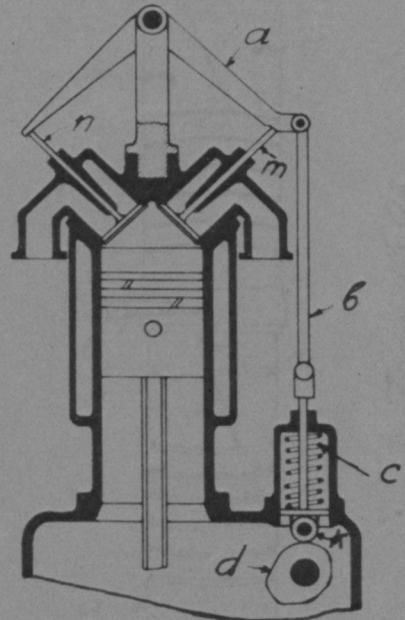
Foon №86



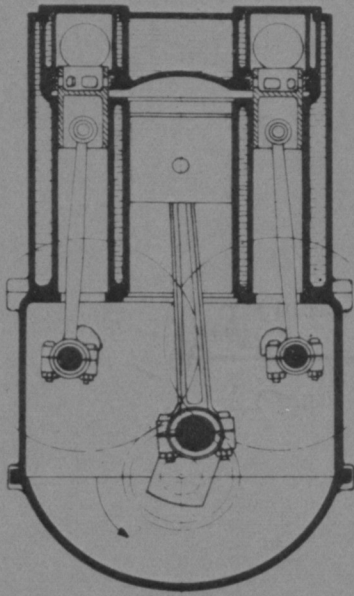
Foon №87



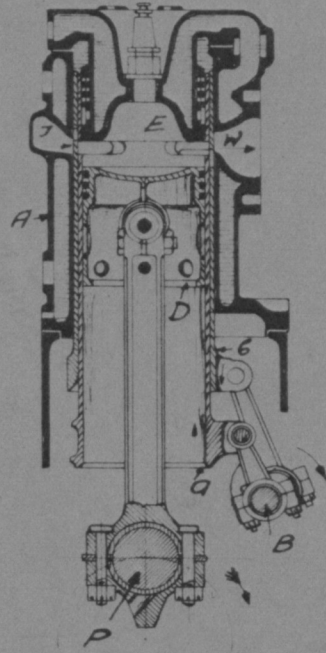
Foon №88



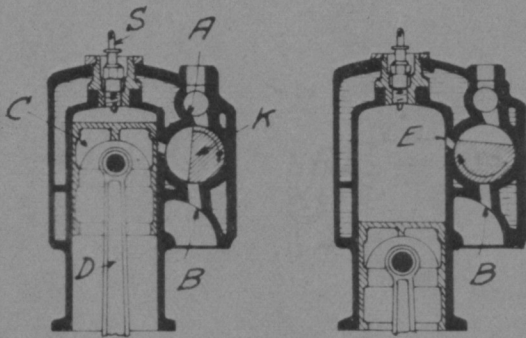
Foon №89



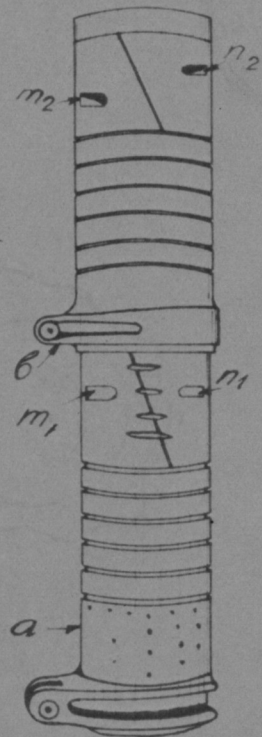
Foon. № 90



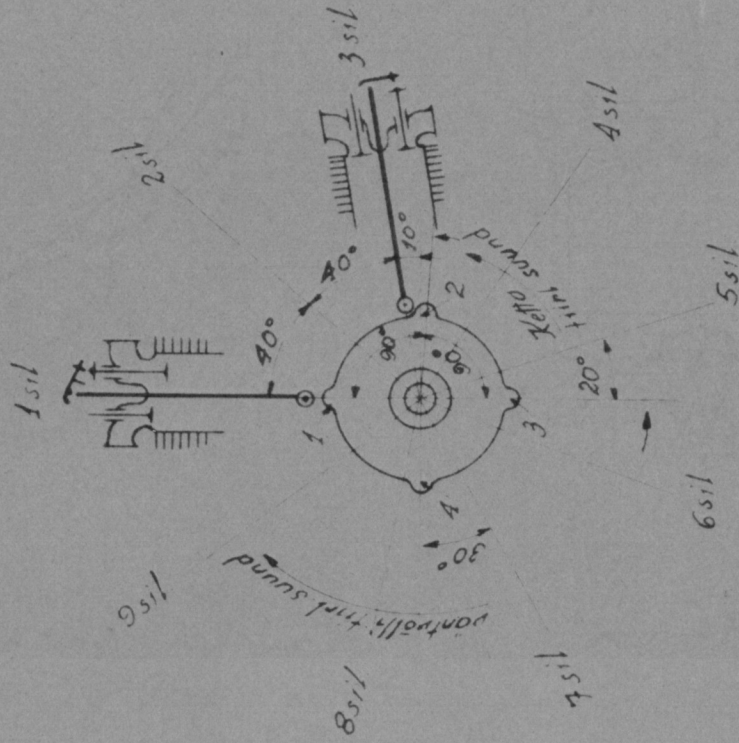
Foon № 92



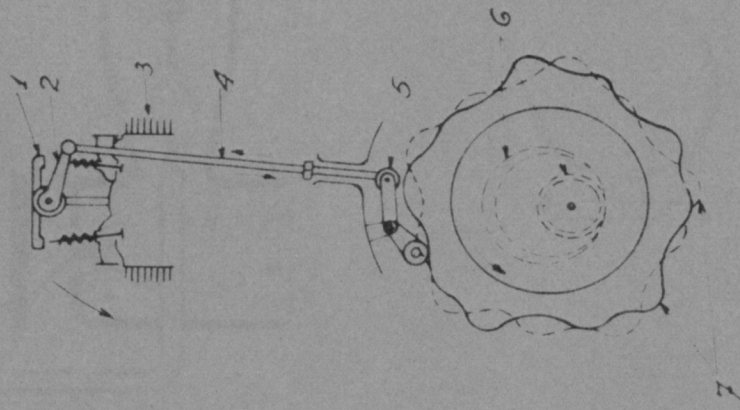
Foon. № 91



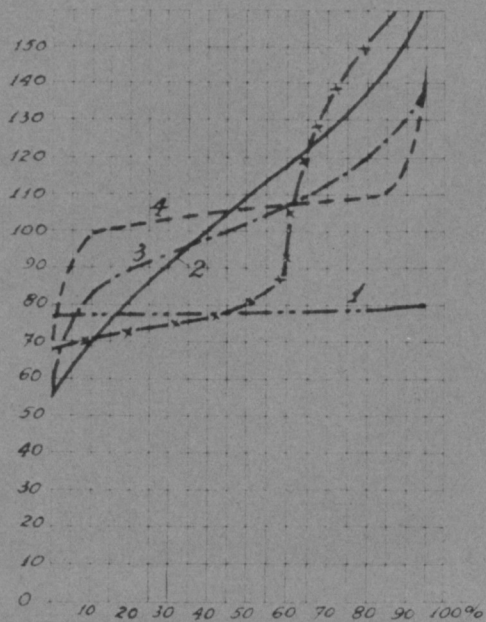
Foon. № 93.



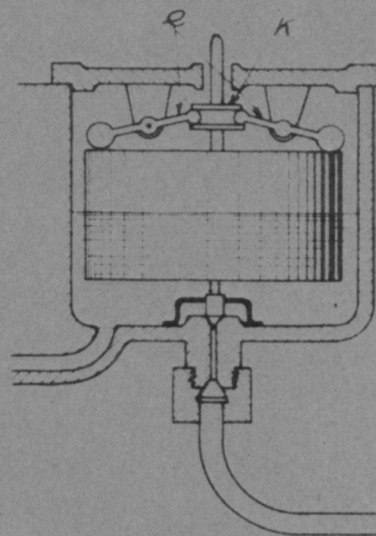
Foon №95.



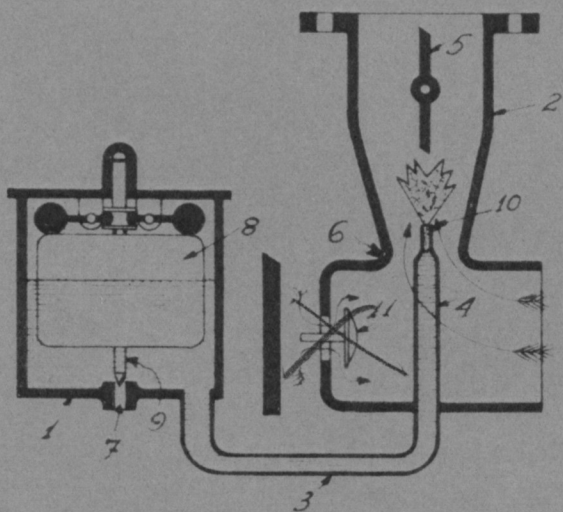
Foon №94.



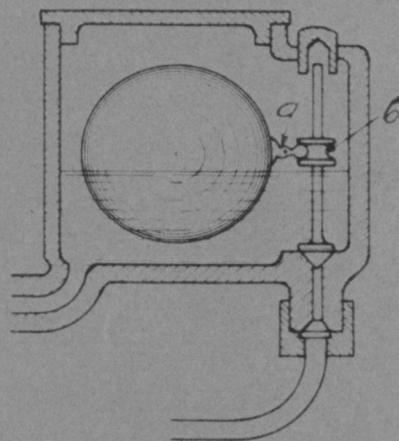
Foon. №96



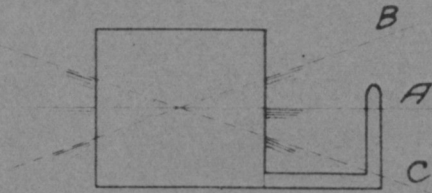
Foon. №98.



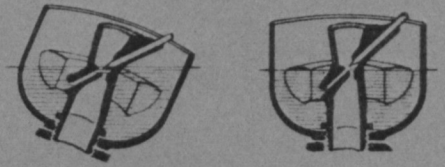
Foon. №97



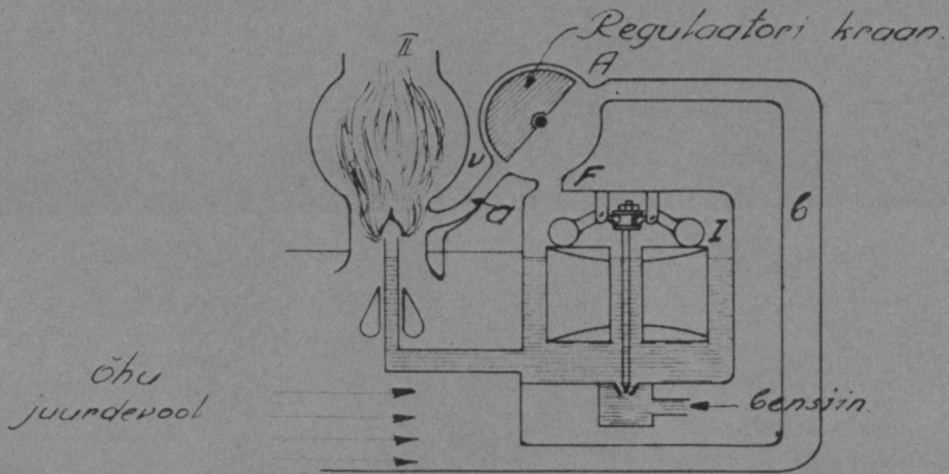
Foon. №99.



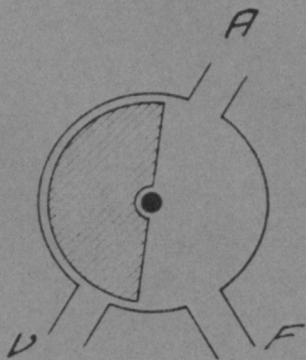
Foon. №100.



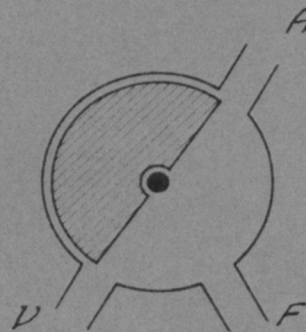
Foon. №101.



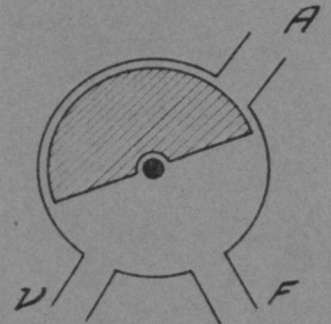
Foon. №102.



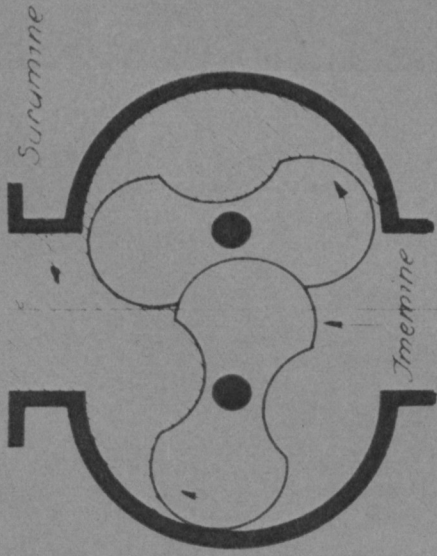
Foon. №103.



Foon. №104



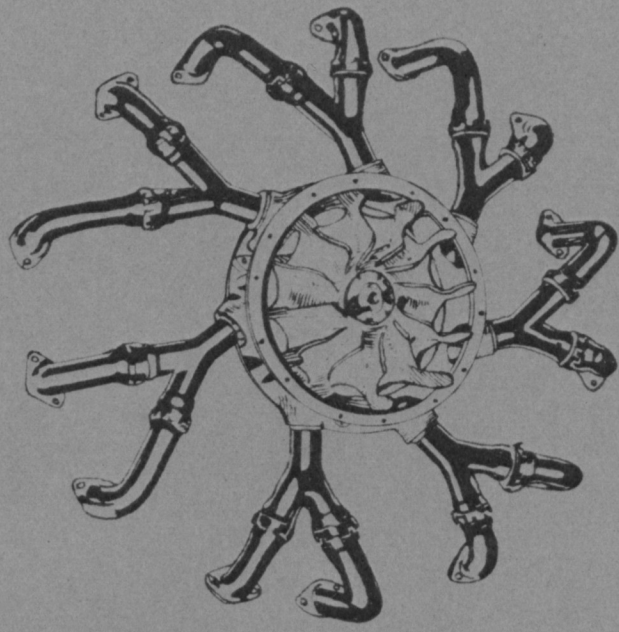
Foon. №105



Surumine

Imemine

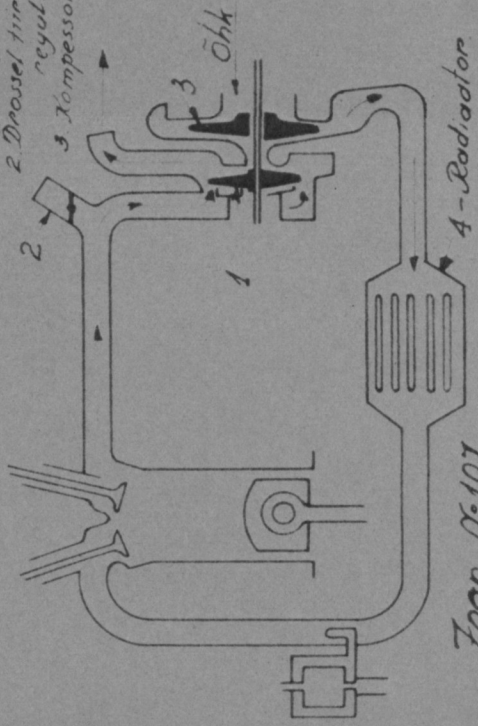
Foon. № 106



Foon. № 108.

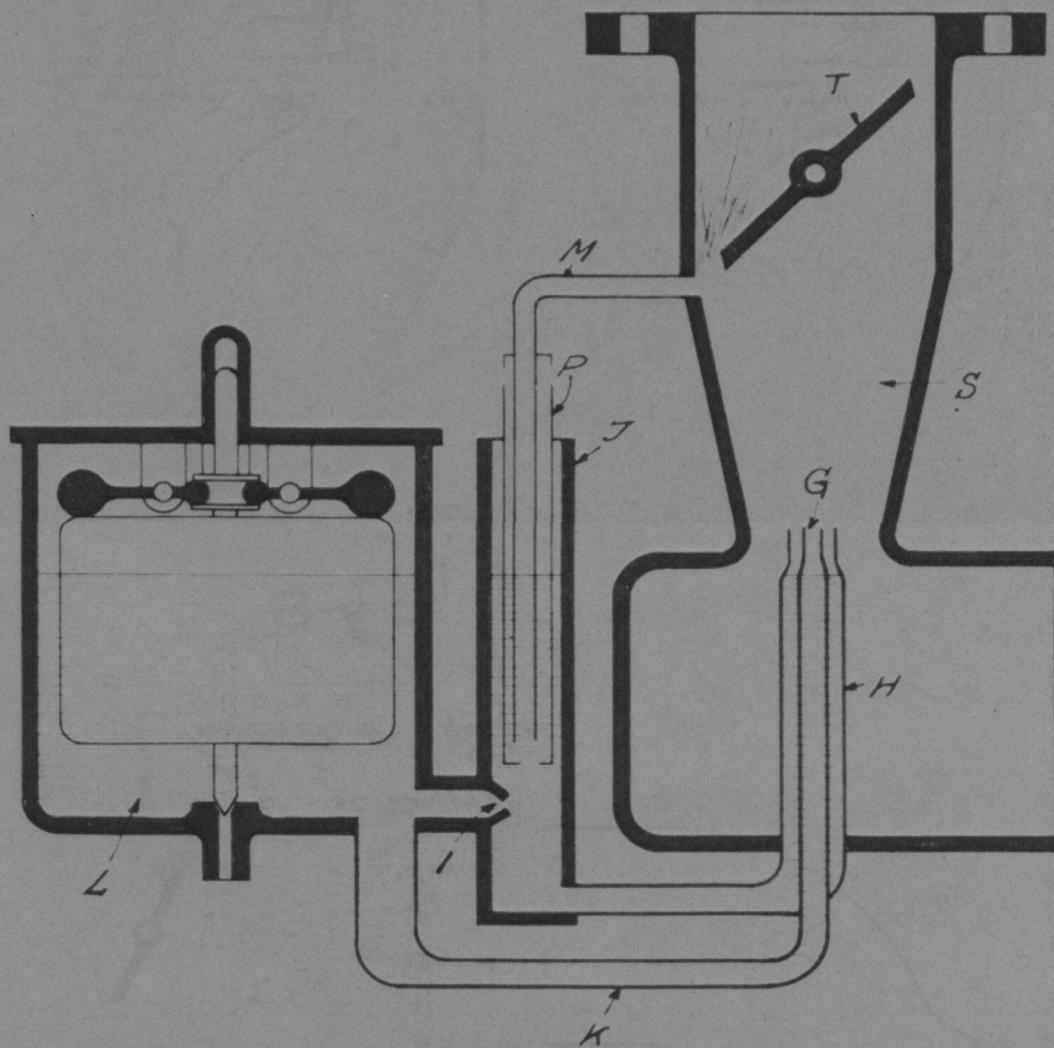
Turbokompressoriga modoni skeem.

- 1 Turbin
- 2 Drossel triinde
- 3 Kõmpressor



4 - Radiaator

Foon. № 107



Зон № 109.

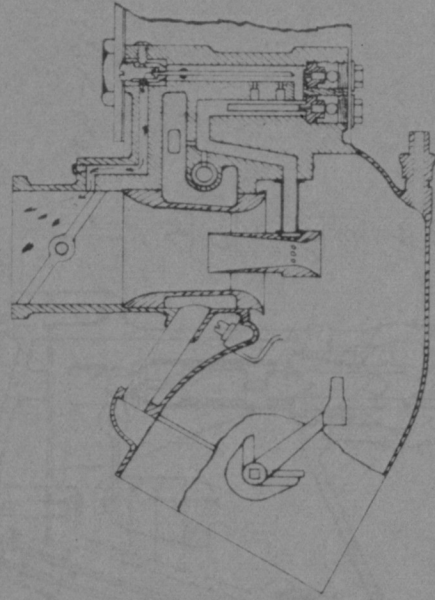
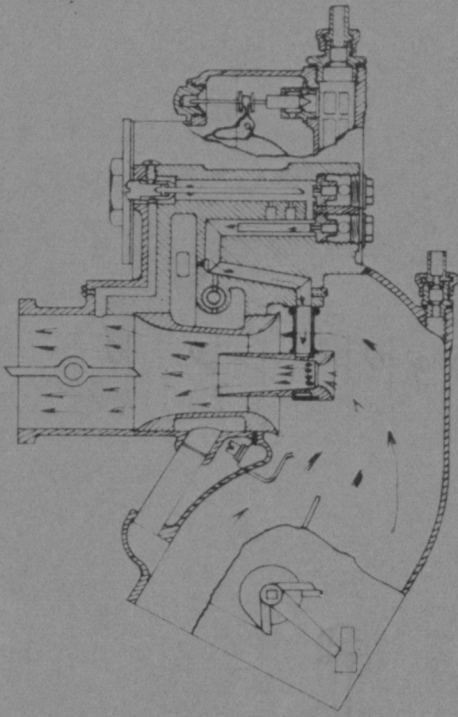


Fig. No. 110

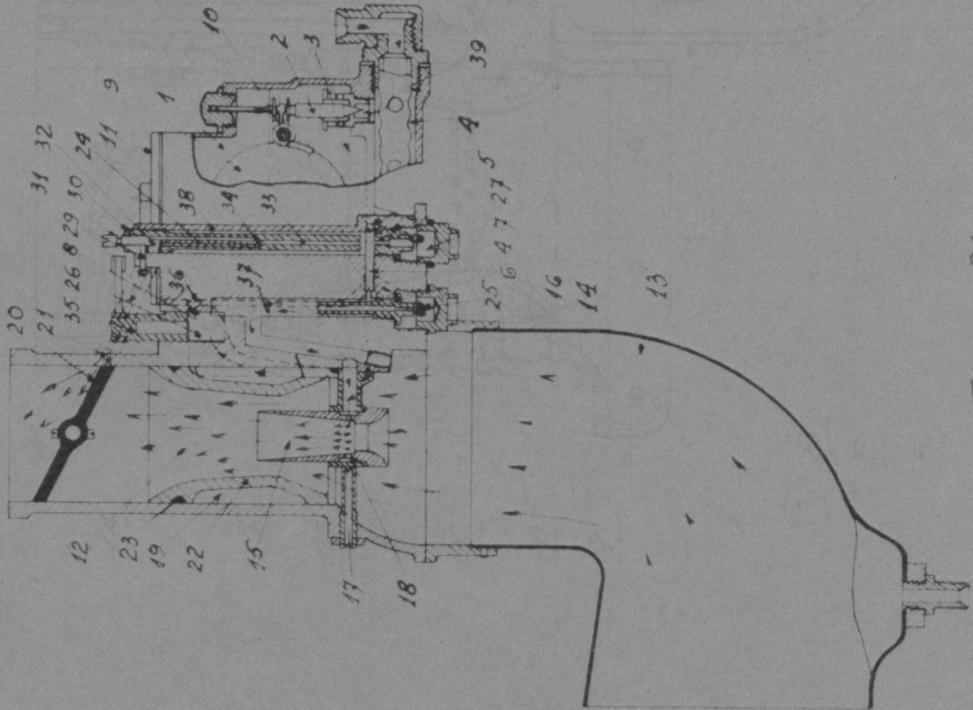
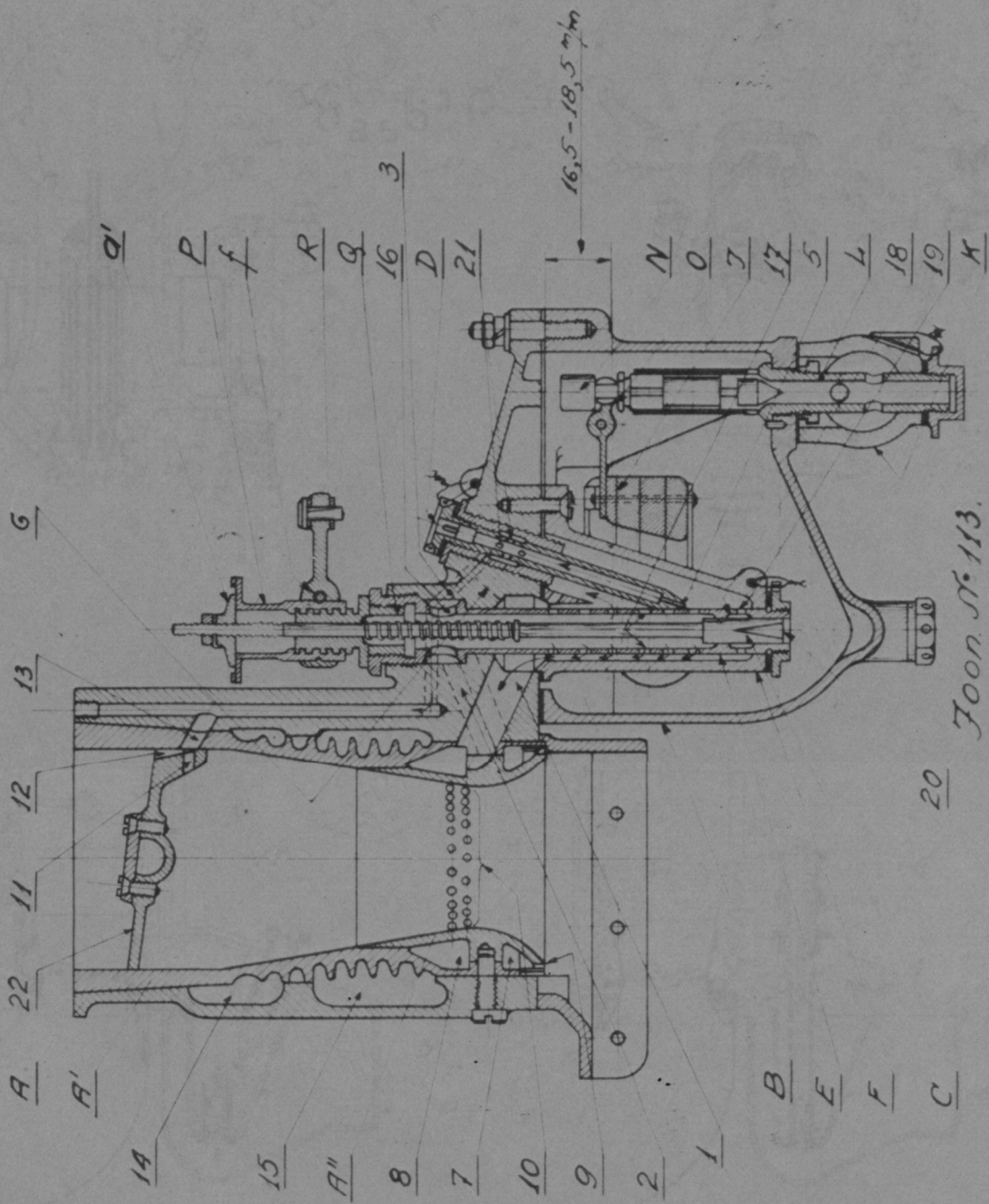
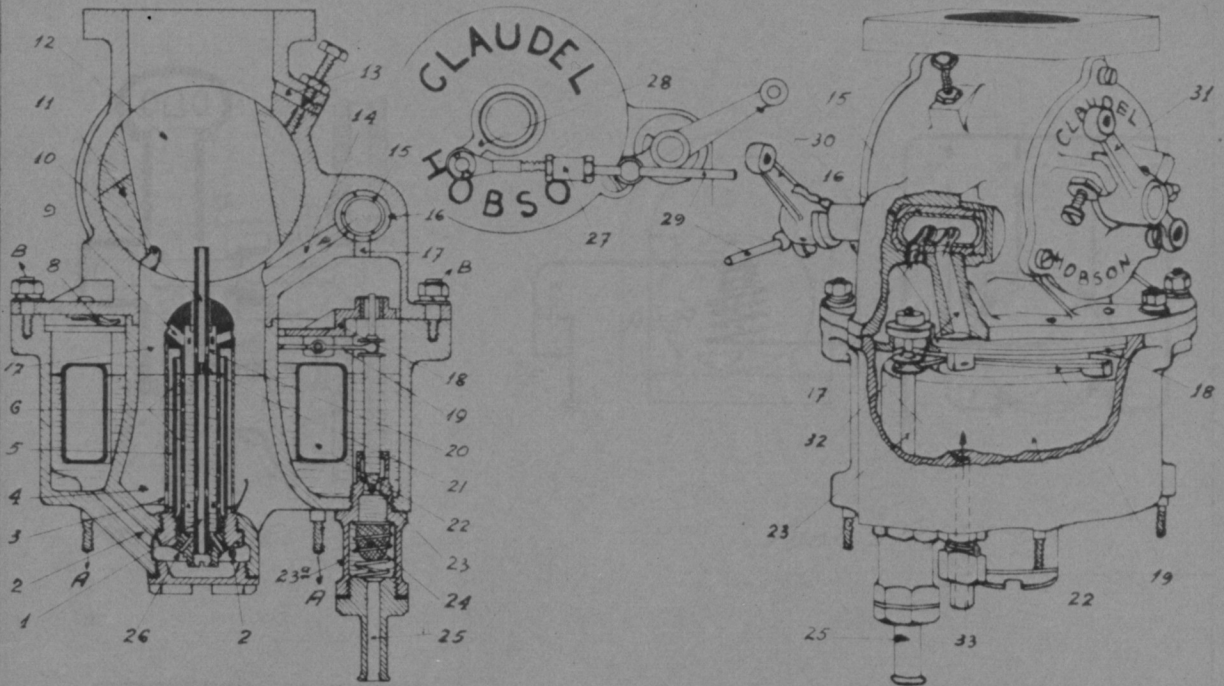


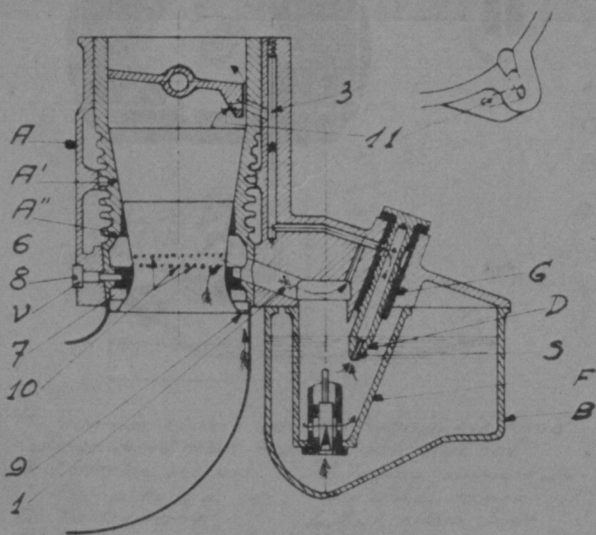
Fig. No. 111



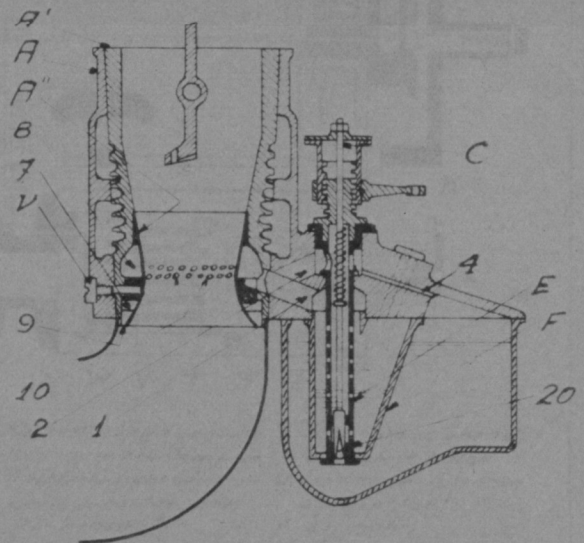
20 *Font. № 113.*



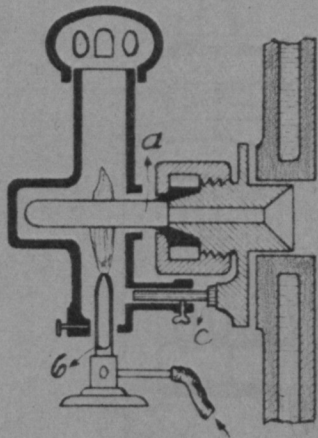
Foon. N: 112



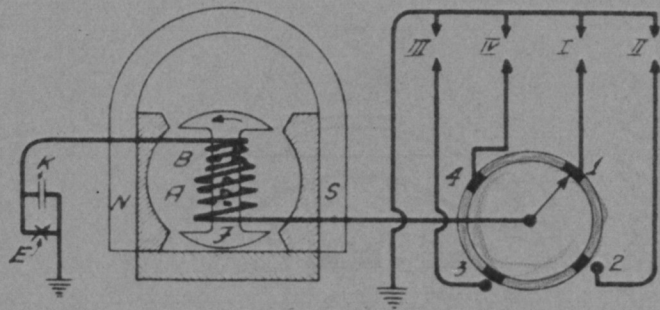
Foon. N: 114



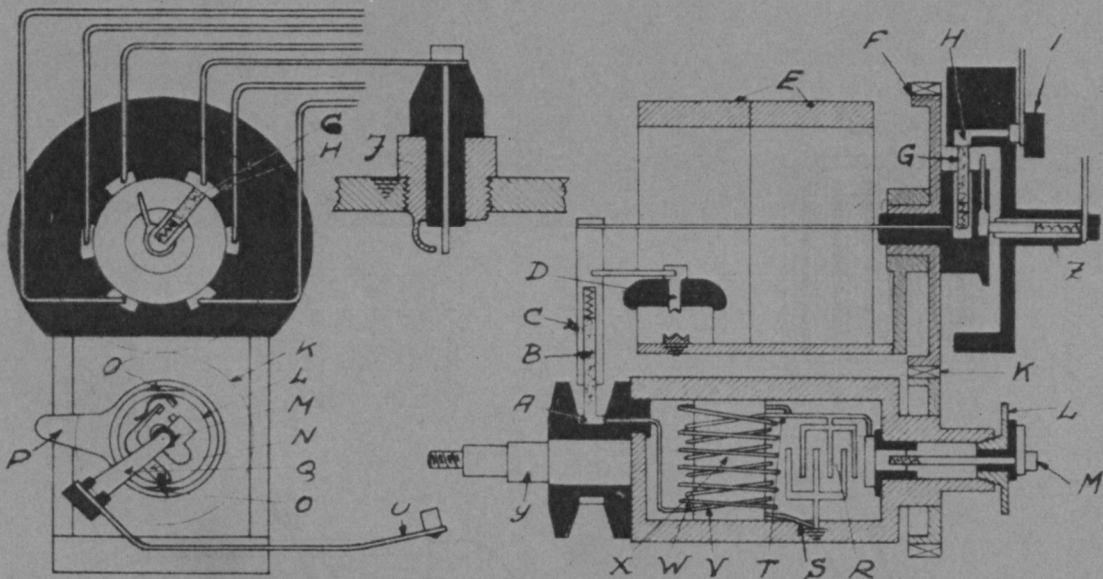
Foon. N: 115



Foon N°116.



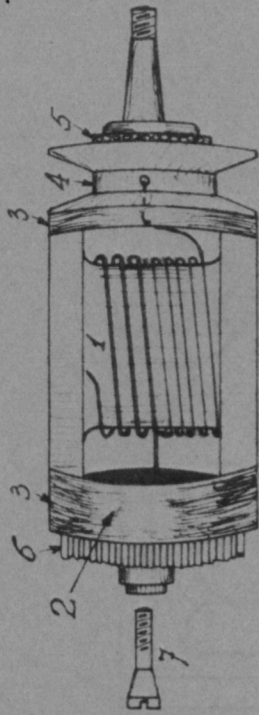
Foon N°117



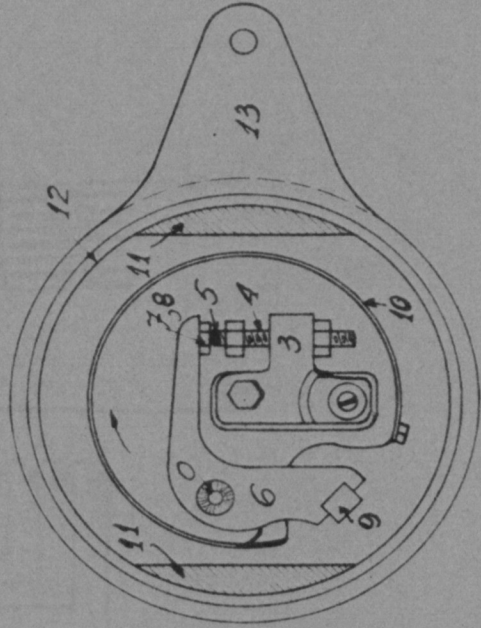
- | | | | |
|---|---|---|--|
| A. Tagamähise isoleeritud otsaga ühend kollek ring. | i. Tagaja klemmid | O. Katkest rõnga segmen. | T. Tagamähise ühendus esimähise külge. |
| B. Kollektori söehari | J. Süüte küünal | P. Süütamise reguleer pide | U. Esimähise lühiühendus kontakt |
| C. Harja hoidja | K. Tagaja hammasröövel ankrü hammasrat | Q. Isoleeritud ühendus esimähise ja kontakt vahel | V. Esimähis |
| D. Kaitse vahe | L. Katkestaja plaat | R. Kondensaator | W. Tagamähis |
| E. Alalised magnetid | M. Ühenduskruvi esimähise otsa ja katkestaja isoleeritud plaadini kontakt vahel | S. Esimähise ja tagamähise ühendus ankrü here, ühes sellega üldise nere külge | X. Ankrü süda |
| F. Tagaja harja kandev hammasratas | N. Xerega ühend kaamer plaatini kontaktiga | | Y. ... võlv |
| G. Tagaja hari | | | Z. Kõimalast magnet |
| H. ... kamellid, sektor | | | |

Foon N°118.

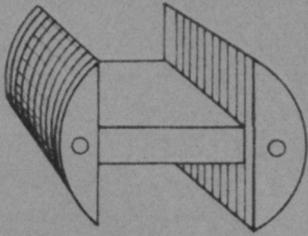
| | | | |
|-------------|-------|-------------|-------------|
| Isola-tioon | Kerge | Madal pinge | Kõrge pinge |
|-------------|-------|-------------|-------------|



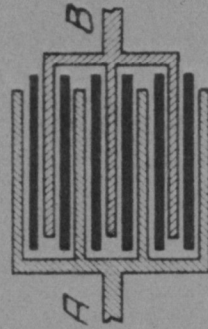
Foot. №122



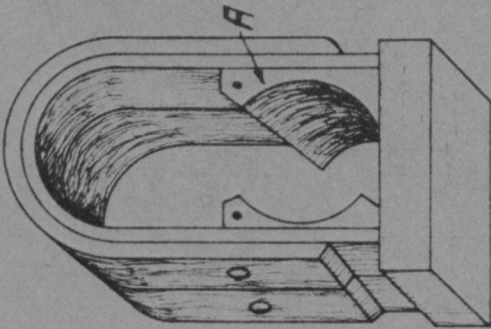
Foot. №124



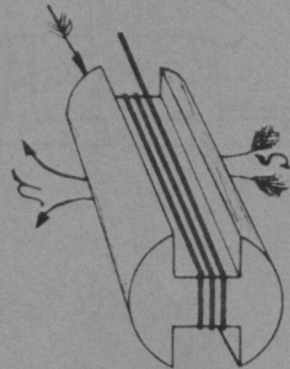
Foot. №121



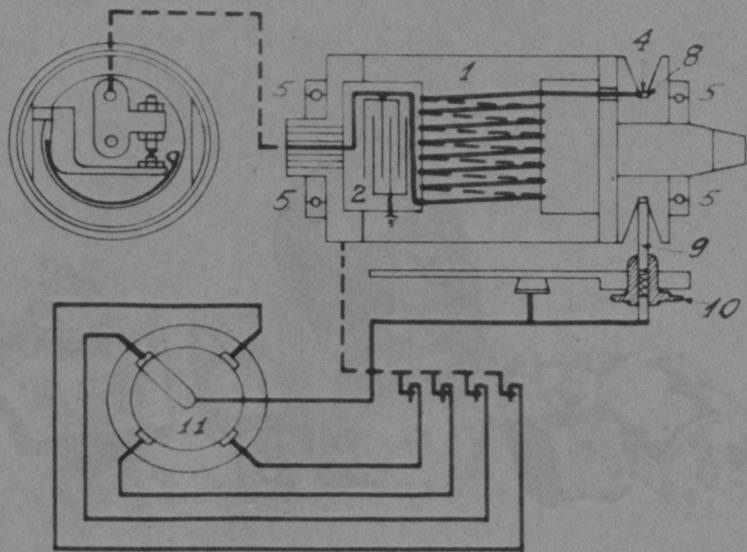
Foot. №123



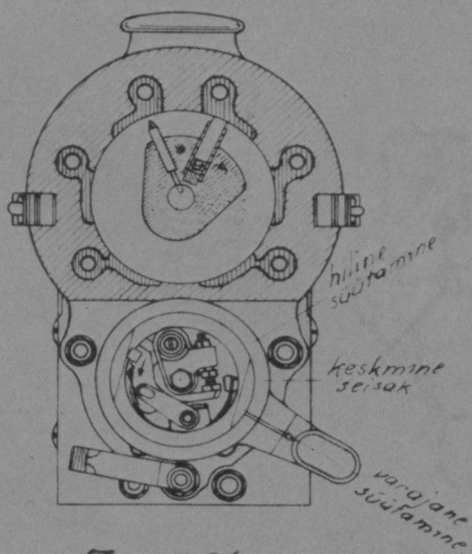
Foot. №119



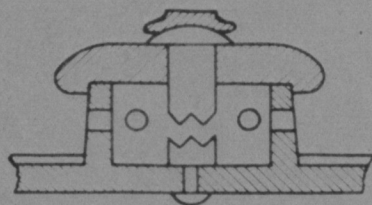
Foot. №120



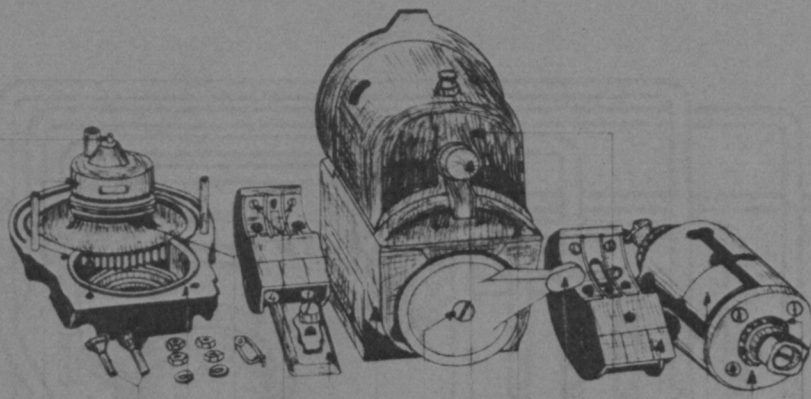
Foon. № 125



Foon. № 126

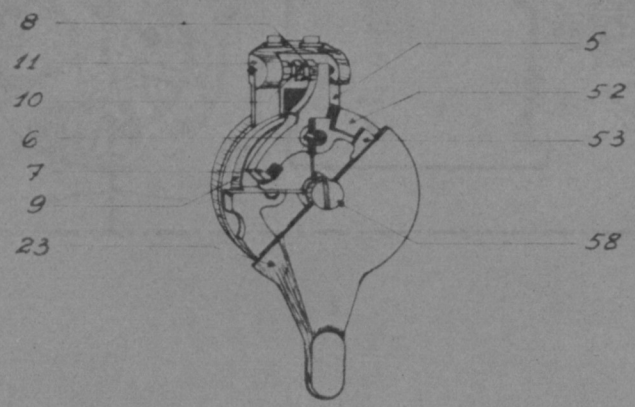


Foon. № 127

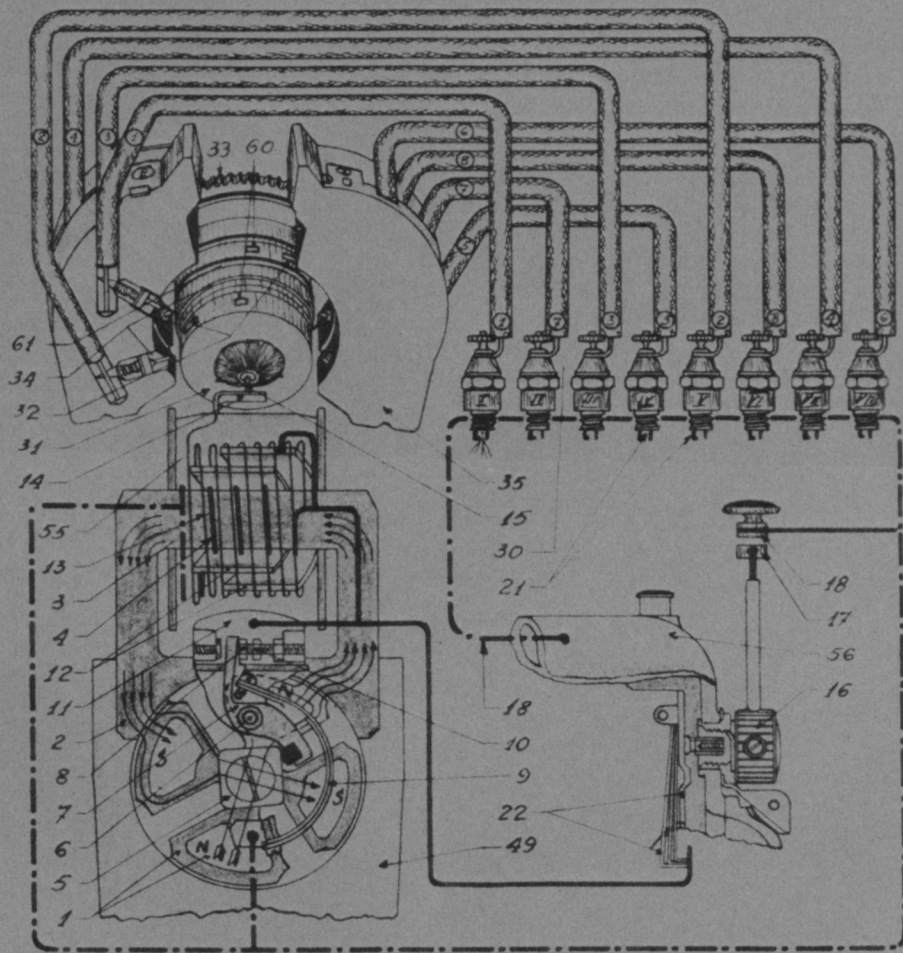


15 32 33 20 50 31 34 24 49 58 16 19 23 56 35 1 5 25

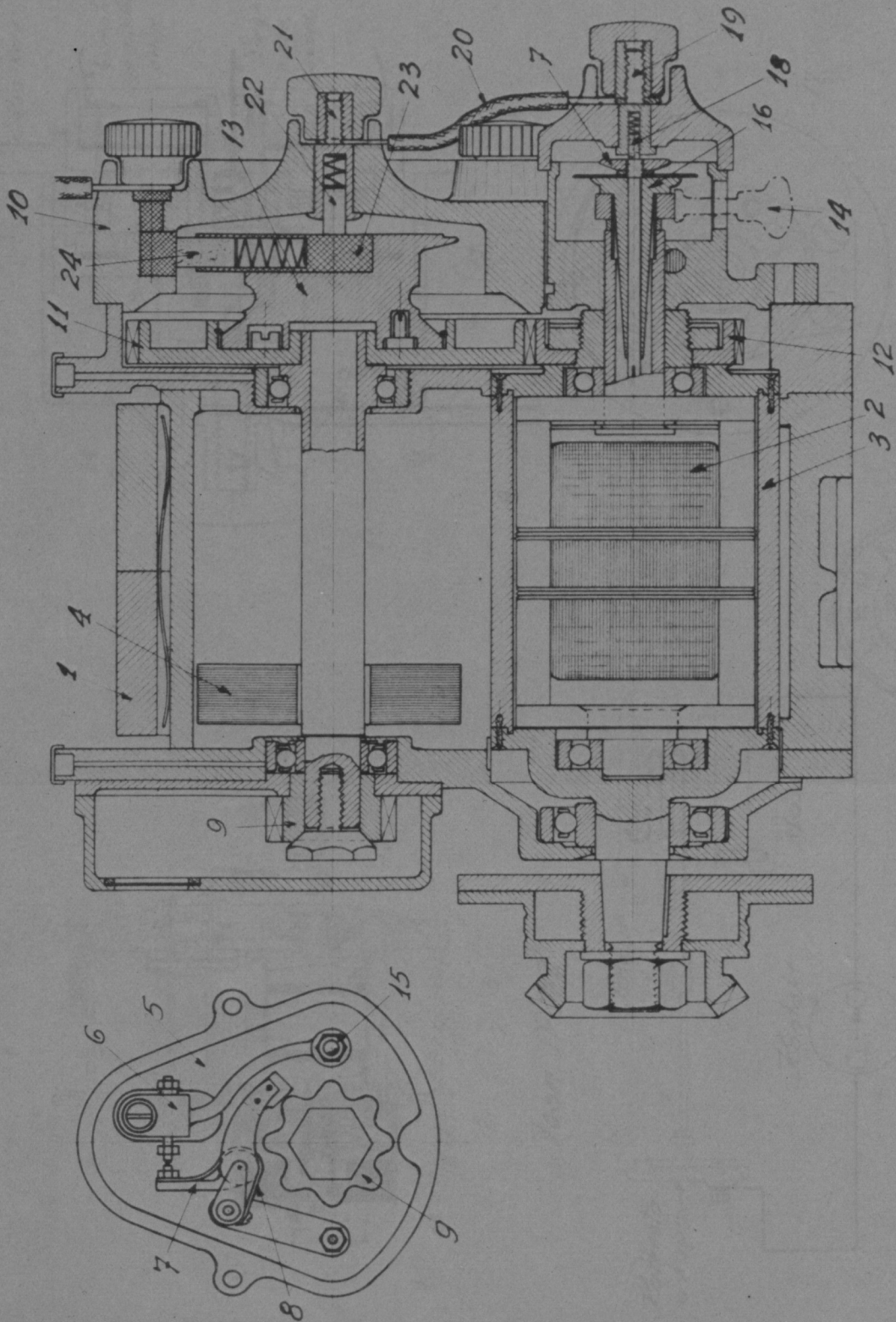
Тоон. №128



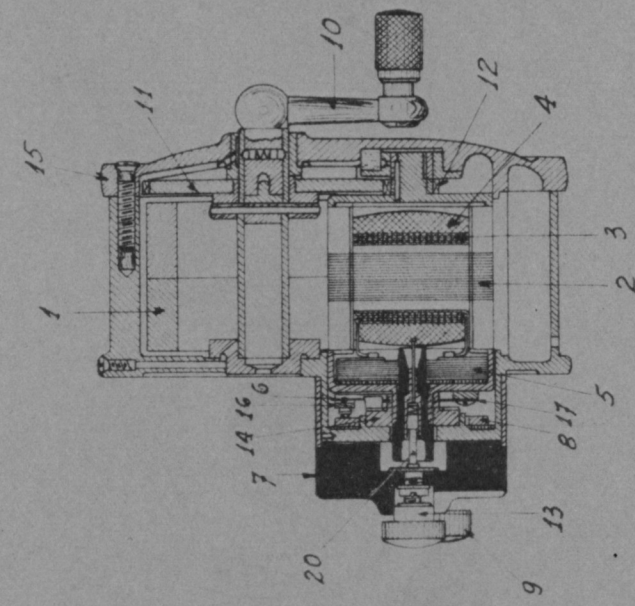
Тоон. №129



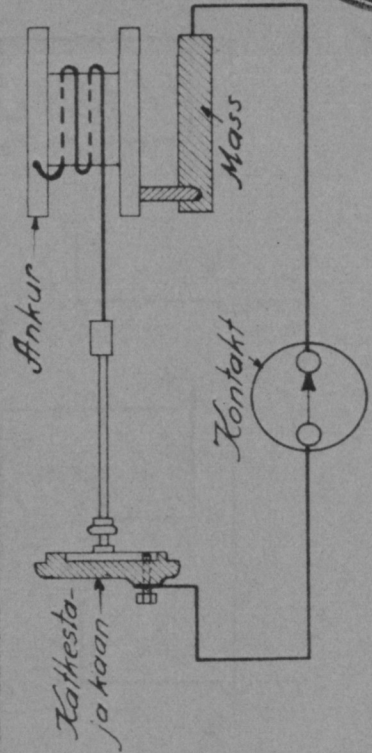
Фон. №130



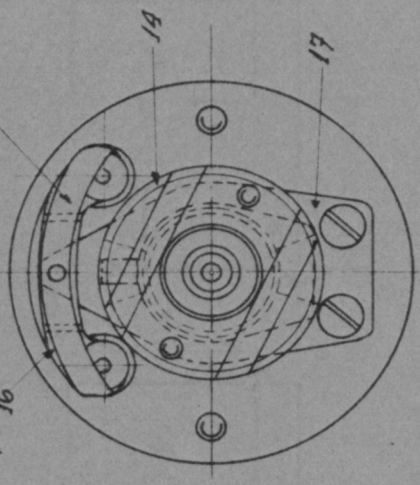
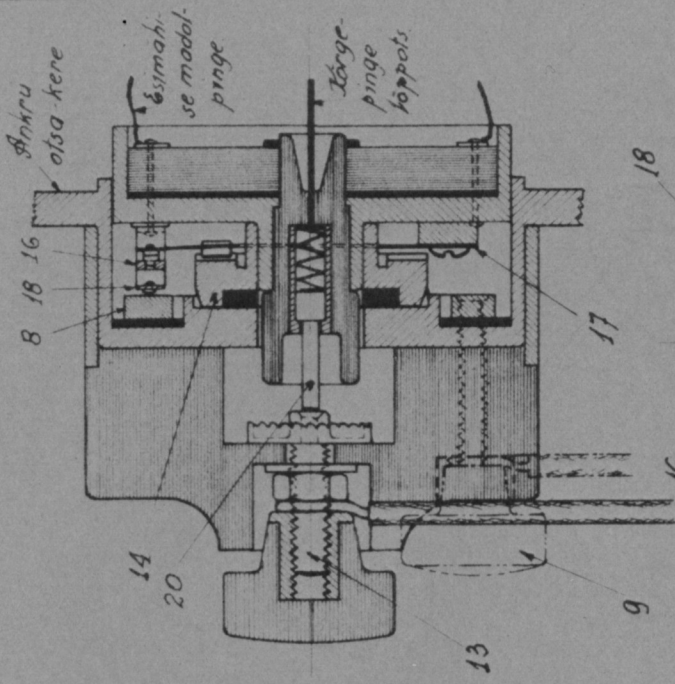
Фон. №131.



Foon. №132

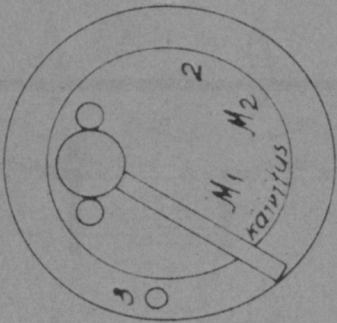


Foon. №134

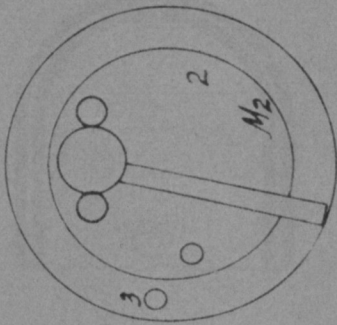


Foon. №133

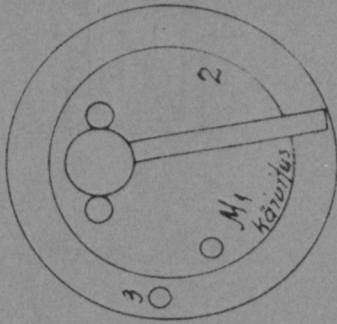




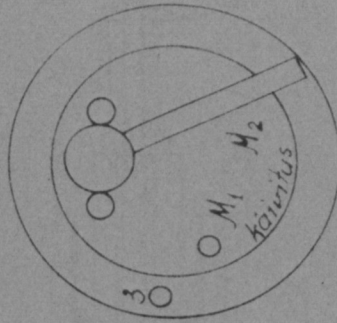
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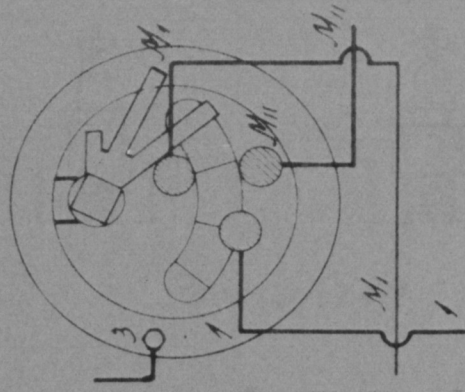
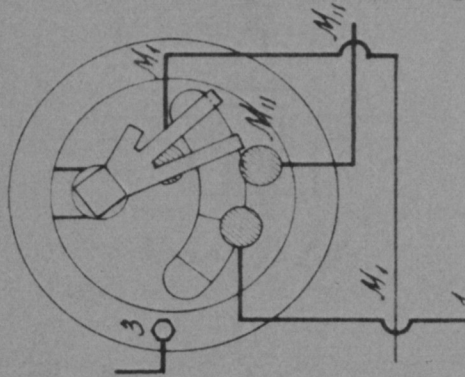
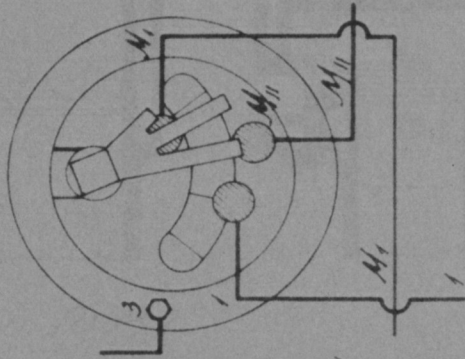
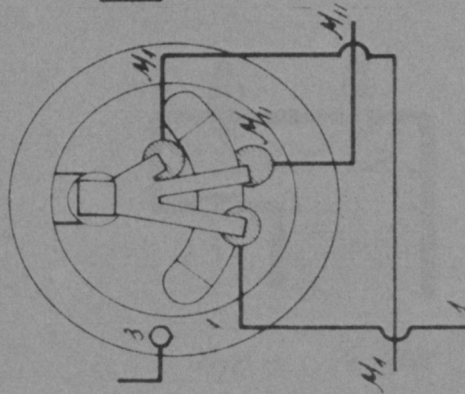
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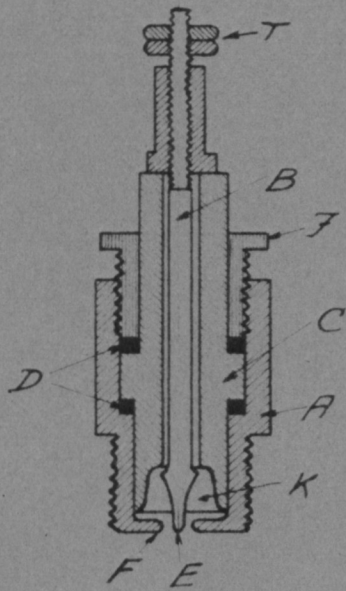
III



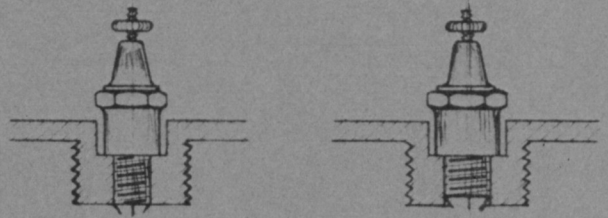
IV



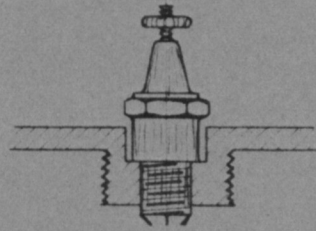
Зон. №135



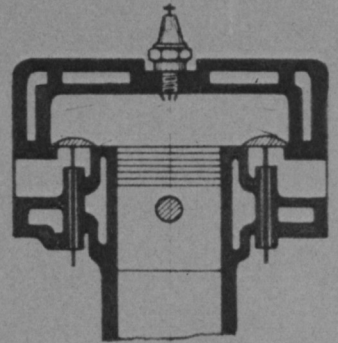
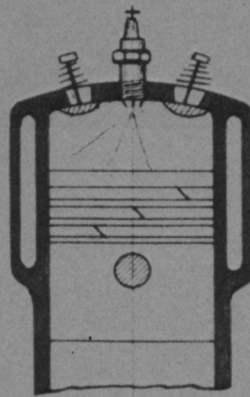
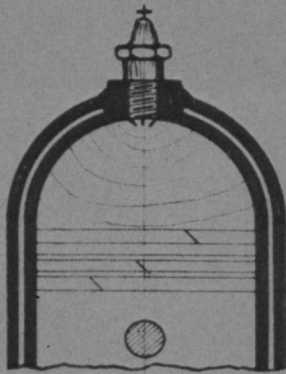
Font. №136



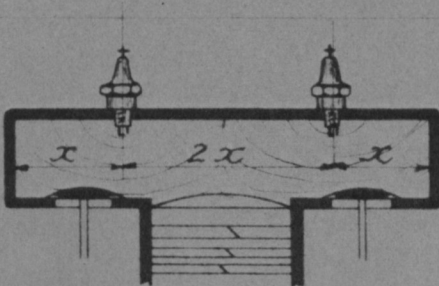
Font. №140



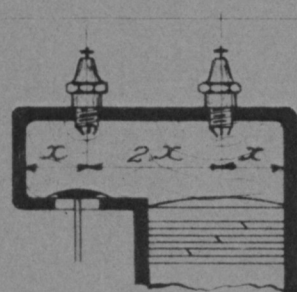
Font. №141



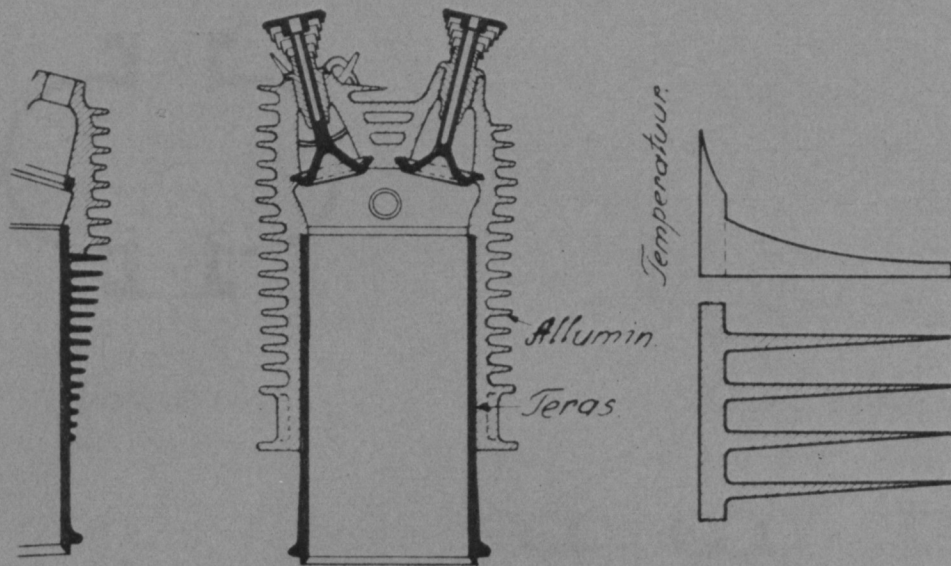
Font. №137



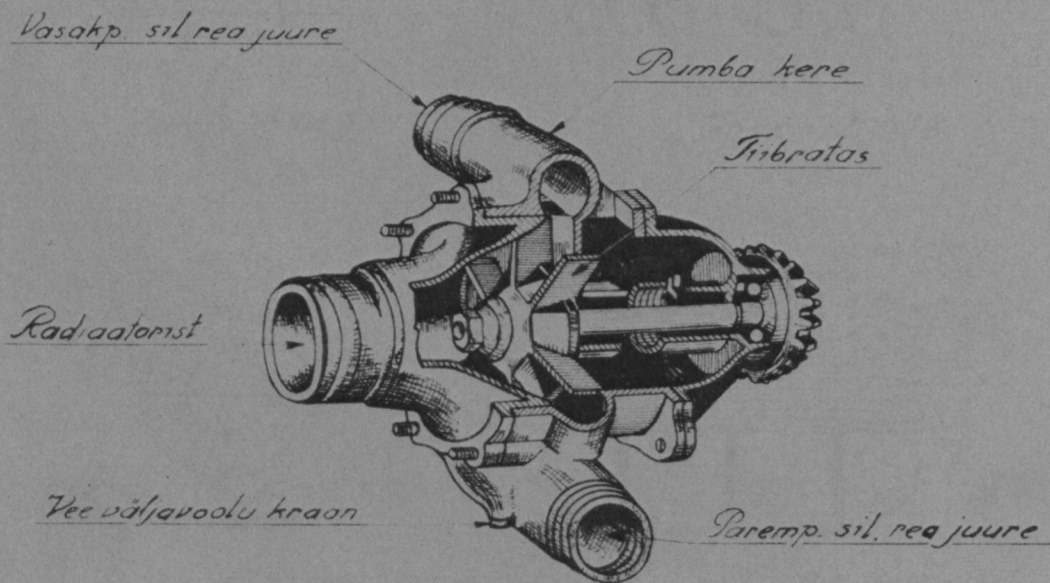
Font. №138



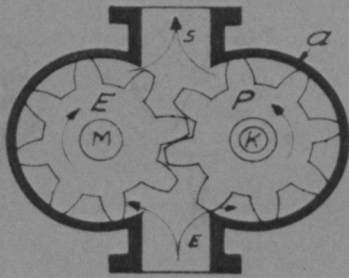
Font. №139



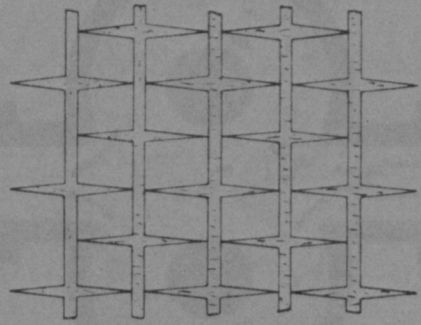
Foon. №143



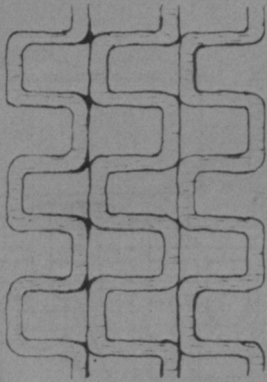
Foon. №144



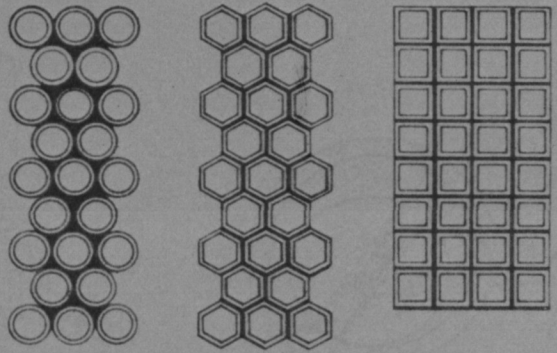
Foon. №145



Foon. №146

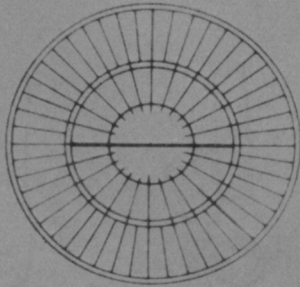


Foon. №147



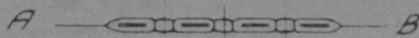
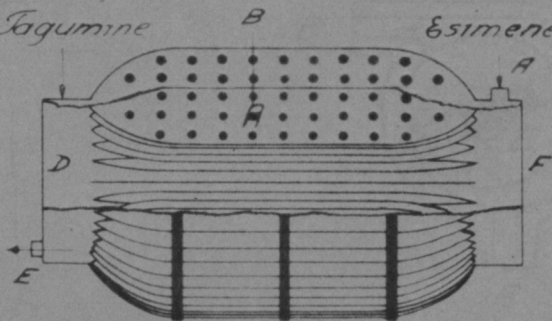
Foon. №148

Bestvaade



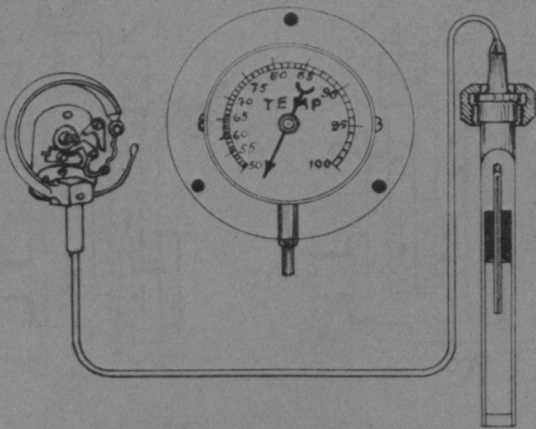
Taqumine

Esimene

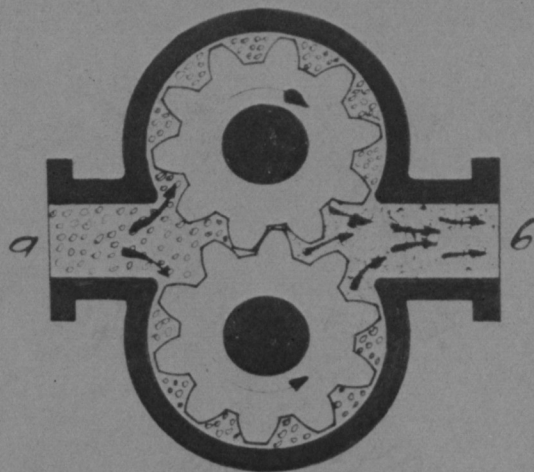


F-õhu sissevool
D-õhu väljavool

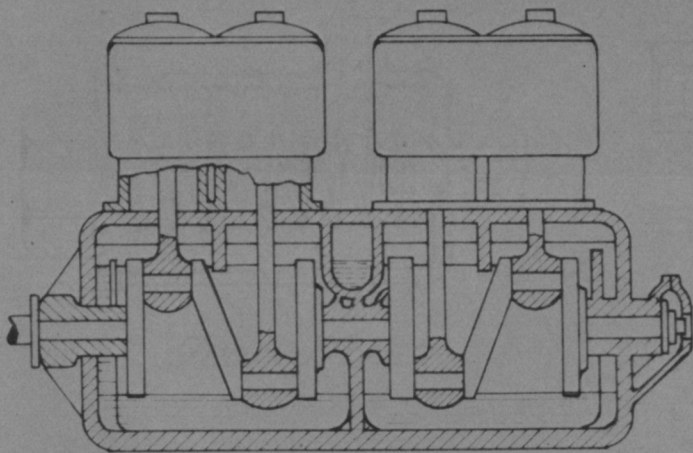
Foon. №149



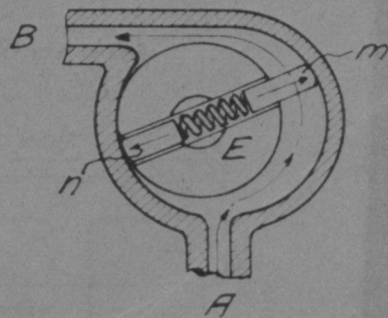
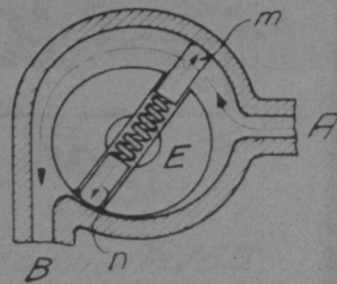
Foan №150



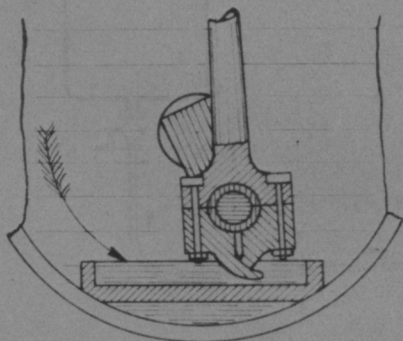
Foan №153



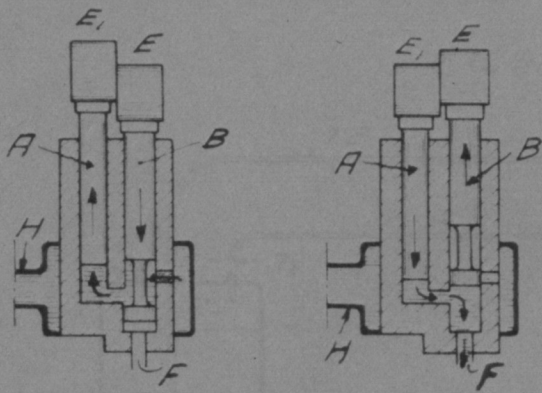
Foan №151



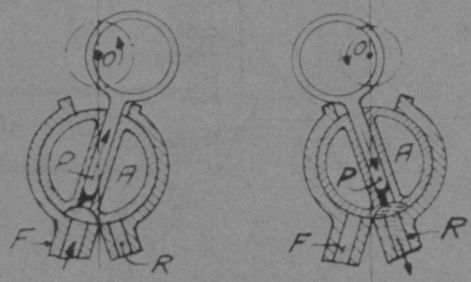
Foan №154



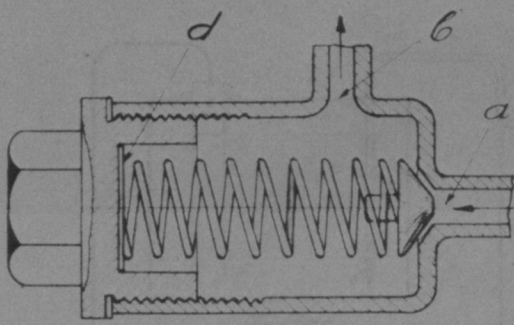
Foan №152



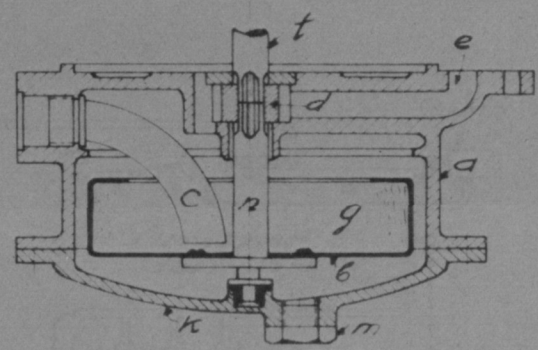
Foon. №155



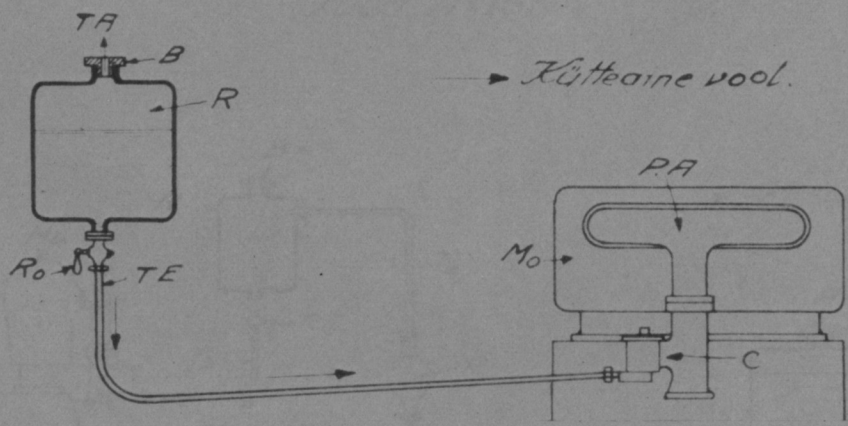
Foon. №156



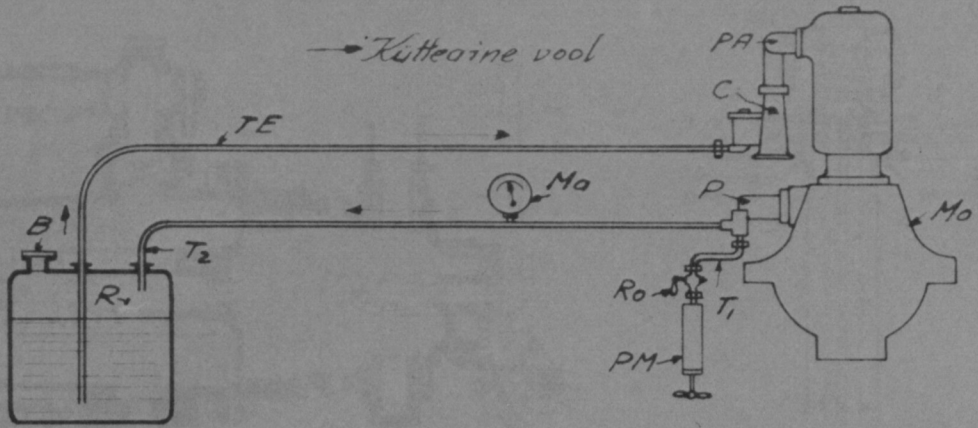
Foon. №157



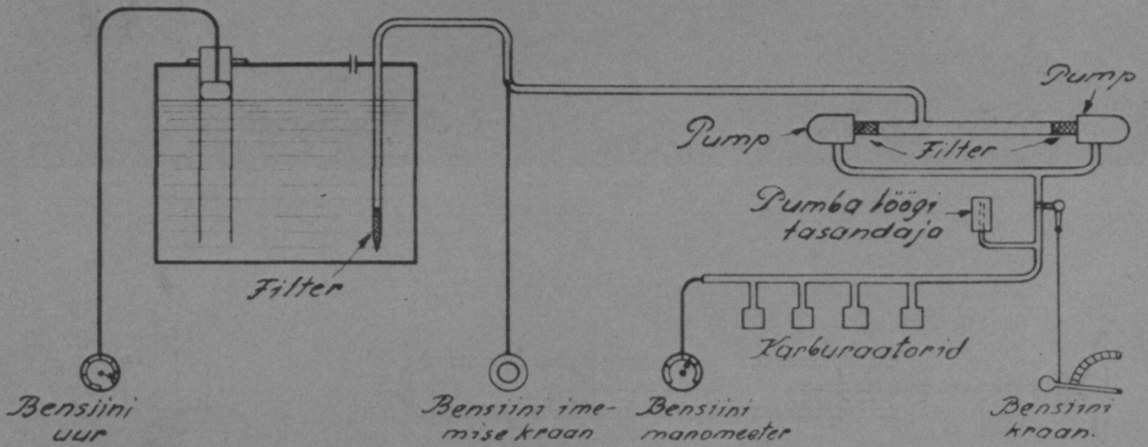
Foon. №158



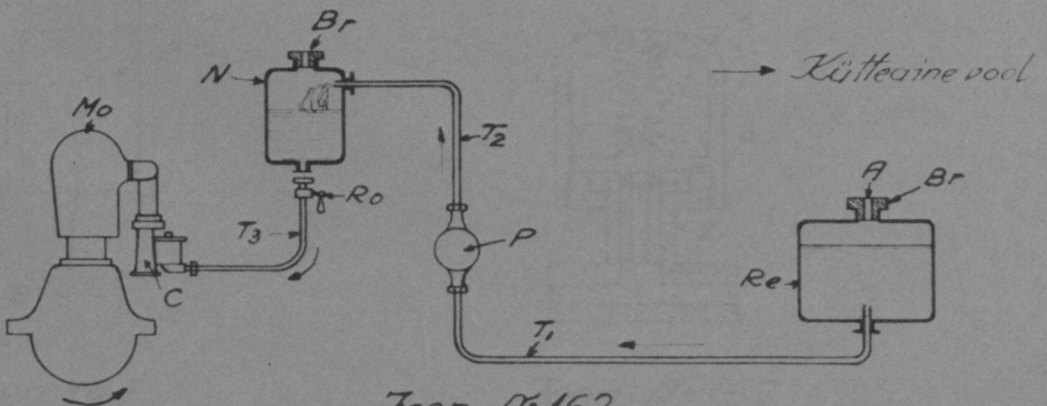
Foon. №159



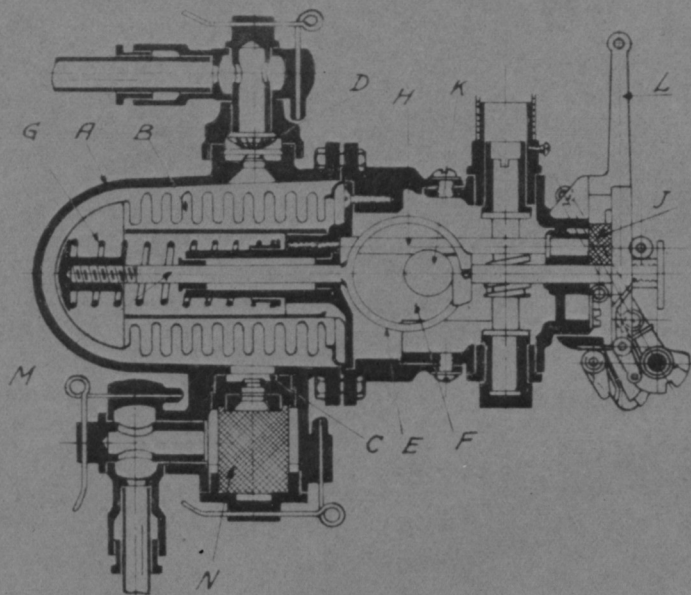
Foon. № 160



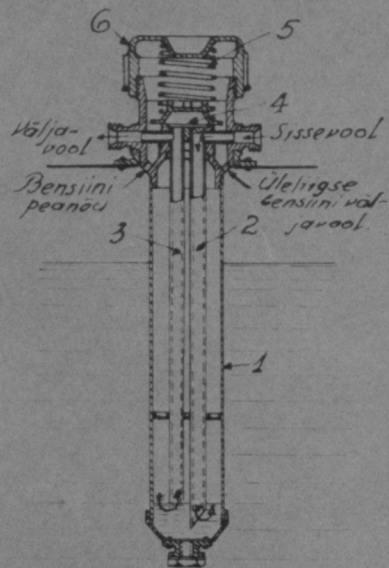
Foon. № 161



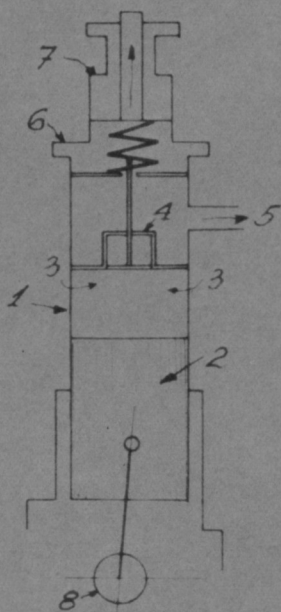
Foon. № 162



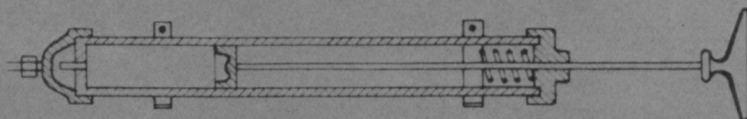
Foon №163



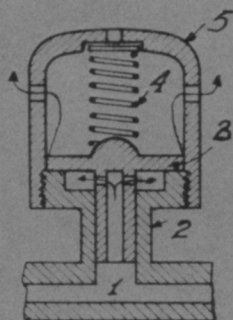
Foon №164



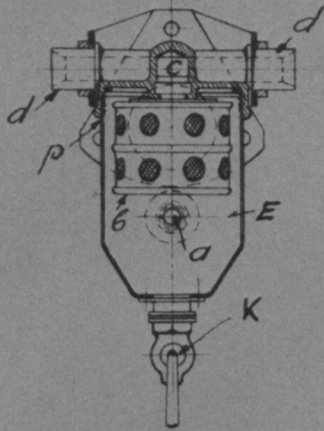
Foon 165



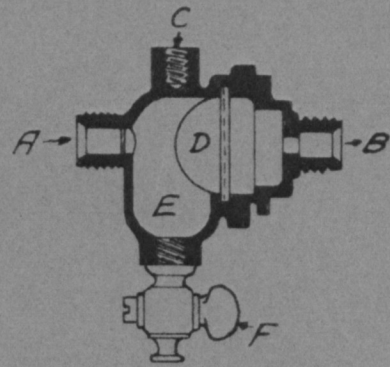
Foon №166



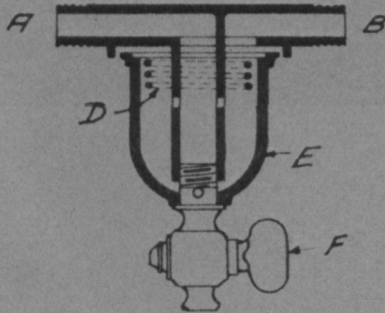
Foon №167



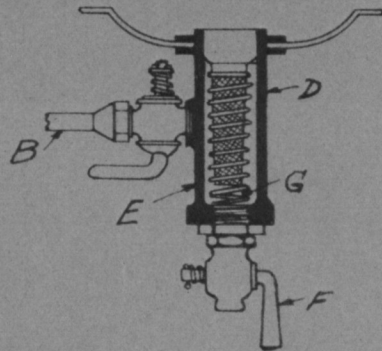
Font. №168



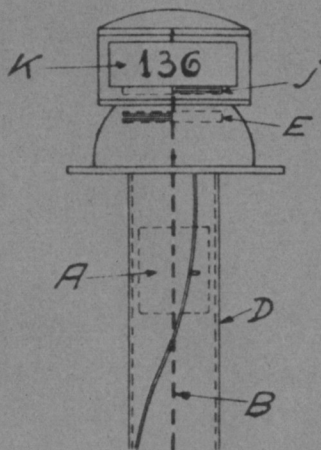
Font. №169



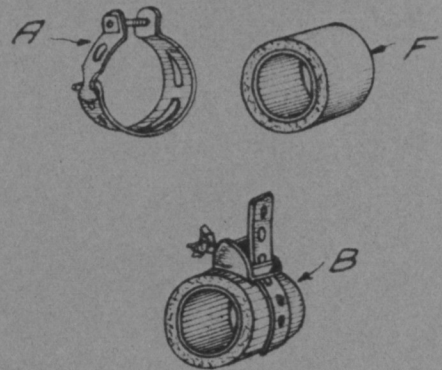
Font. №170



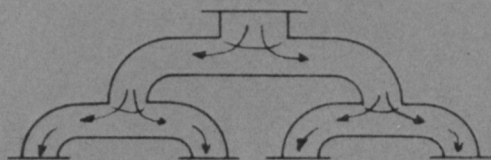
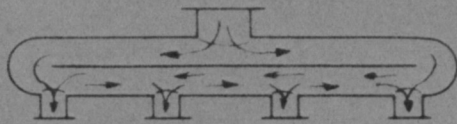
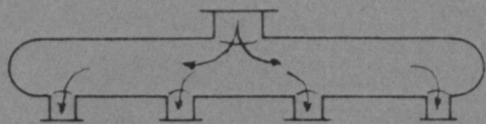
Font. №171



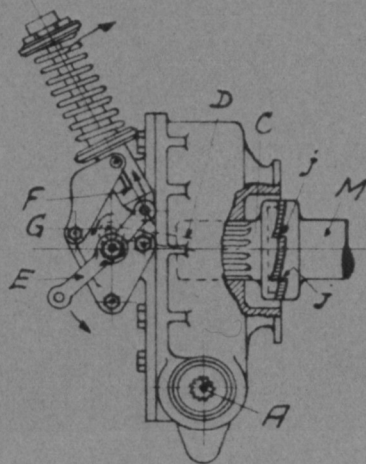
Font. №172



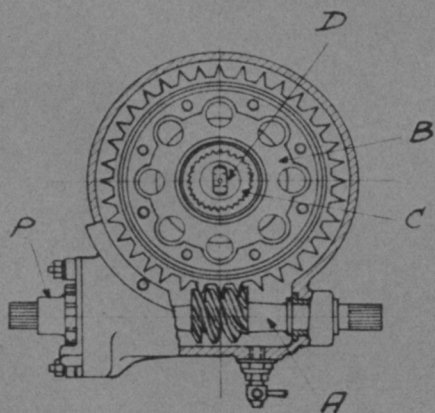
Font. №174



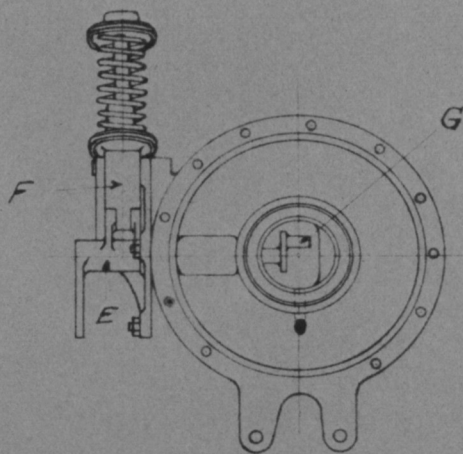
Foon. №173



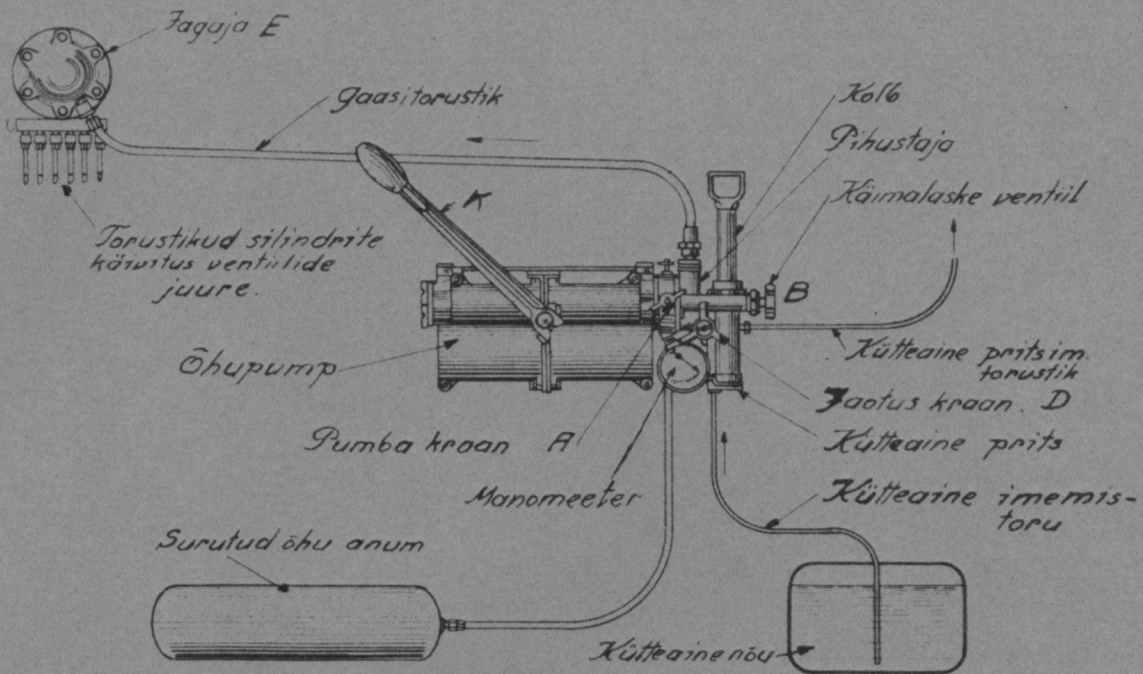
Foon. №175



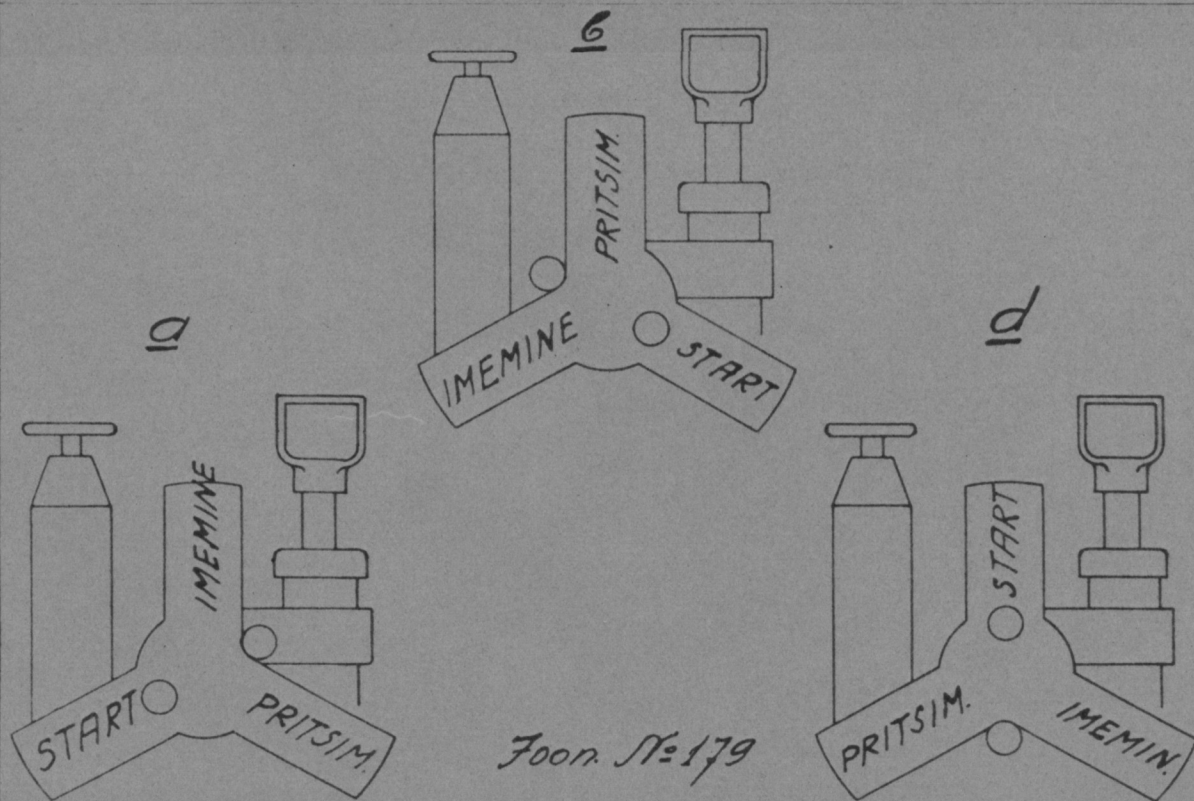
Foon. №176



Foon. №177



Foon. № 178.



Foon. № 179

KORRATU ÕLITAMINE.

KORRATU ÕLITAMISE VÕIMALIKUD PÕHJUSED

a) TUNNUSED - LIIGA SUUR VÕI ÜLELIHA VAIKE ÕLISURDE.

TUNNUSED

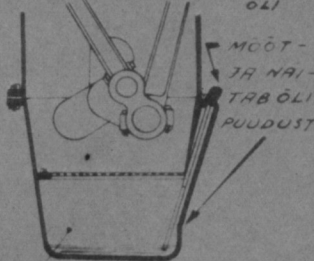
ÕLIMANOMEETER NÄITAB LIIGA SUURE VÕI ÜLELIHA VAIKE ÕLISURDE.



1

ÕLI PÜÜDUS

ÕLI ANUMAS PEAB OLEMA KINDLAKSMÄÄRATUD ARVUL ÕLI

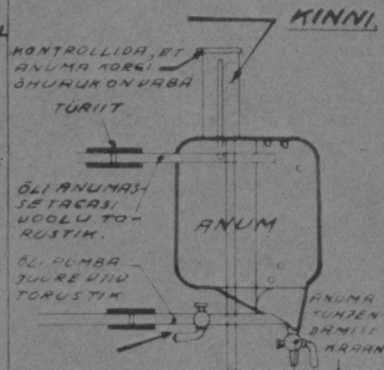


- ALUMINE ANUM

PÕHJUSED

2

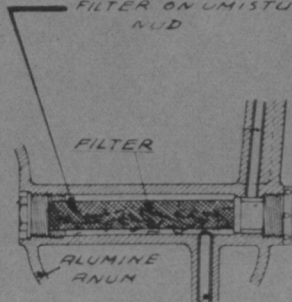
ÕLI JUUREVOOLU KRAAN



3

FILTRID ON MUSTAD

FILTER ON UMISTUNUD

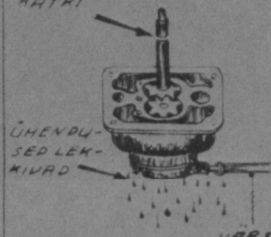


ÕLI PUMBA JUUREST TULEV TORUSTIK

4

PUMP VIIGANE

PUMBA VÕLL KATKI



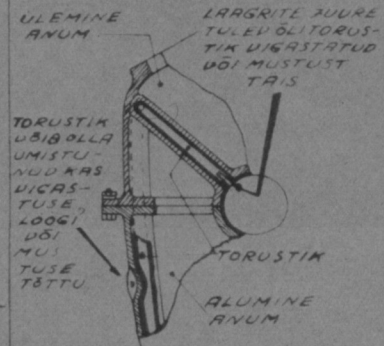
MINGI MEMAANILINERIKKE

VÄRSKE ÕLI JUUREVOOLU TORU

5

TAKISTUSED ÕLITORUSTIKUS

ÜLEMINE ANUM



6

ÕLI ON LIIGA SOE VÕI ÜLELIHA KÜLM

ÕLI ÜLELIHA KÜLM, SURDE ON SUUR

TULEB ÕLI SOOJENDADA LASTES MOTOORIL TÕETADA VAIKESTEL TIIRUDEL VÕI TAITA ANUM SOOJA ÕLIGA

ÕLI LIIGA SOE, SURDE ON VAIKE

MOTOOR ON TÕETANUD LIIGA MÄHA ÜHESUGUSTEL TIIRUDEL VÕI TAHTAMINE EI OLE KULLALDANE

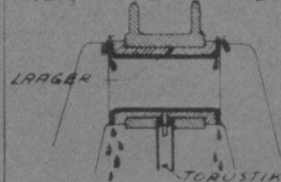
7

ÕLI ON LIIGA VEDEL VÕI VANA

LAAGRID ON KULUNUD SURVET EI OLE



LAAGRID KULUNUD, LASEVAD ÕLI LIIGA VABALT LABI, SURVE LANGEB



8

KARTERIS ON DETT

ON TINGITUD LEKKIMISTEST VEESÄRKIDE ÜHENDUSTES VÕI NIISKUSE KONDENSEERUMISEST KÜLMAGA

ÕLI KARTERIST VÄLTALASTA

b) TUNNUSED - MOTOOR LÄHEB KUUMAKS VÕI EI SAADUTA NORMAALSET VÕIMSUST.

PÕHJUSED - ÕLI ON HALB VÕI ÕLI RINGPOOL EI TOIMU KORRALIKULT. ÕLI VAHETADA.

d) EBANORMAALNE MÜRA MOTOORI TÕETAMISEL.

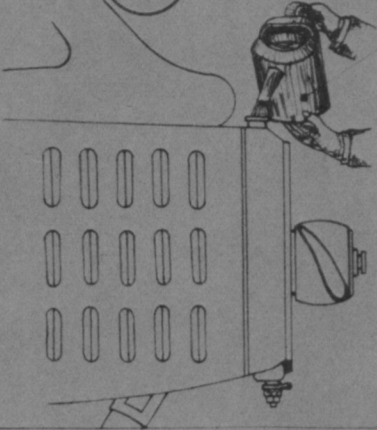
NAGU HAKKAKS KÕIK OSAD KINNI TÄRMA MOTOOR VAHETADA.

PÕHJUSED, MILLEDE JÄRELDUSEL MOOTOR TAIELIKULT II
DIAGNOSTADA DÕIB SAADA

KORRATU JAHUTAMINE.

RADIAATOR TÄITA

1 DESTILEERITUD
VÕI VIHMA VESI



SADESTUSTE
KÕRVALDAMINE.

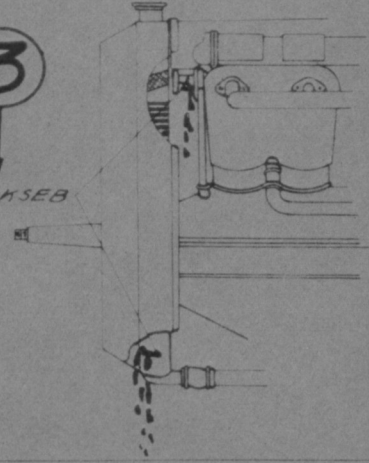
2



DIAGNOSTUSED TO-
RUSTIKUS.

3

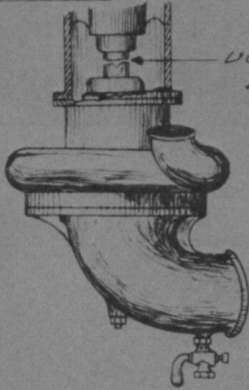
FOOKSEB



DEEPUMP POLE
KORRAS.

4

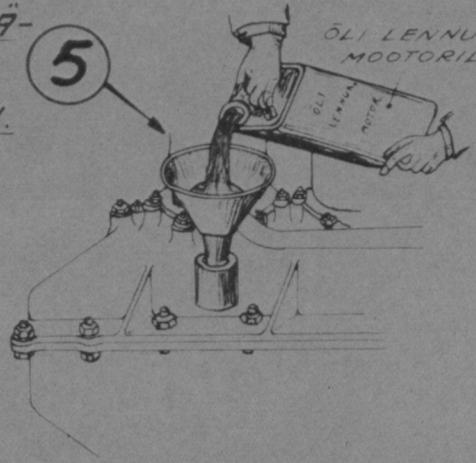
DÕLL MUR-
DUNUD



ÕLI ON VÄ-
HE VÕI
HALB ÕLI.

5

ÕLI LENNUKI
MOOTORILE



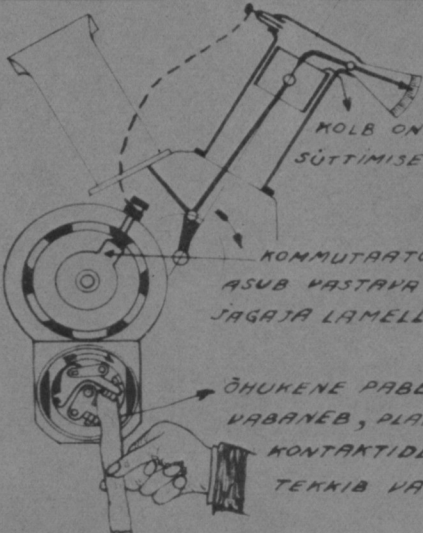
MAGNEETO SÜÜTE KONTROLL.

6

KOLB ON PÕLEVSEGU
SÜTTIMISE PUNKTIS.

KOMMUTAATORI SÜSI
ASUB VASTAVA SILINDRI
JAGAJA LAMELLI VASTAS.

ÕHUKENE PABERI RIBA
VABANEB, PLATINAST
KONTAKTIDE VAHELE
TEKKIB VAHE.

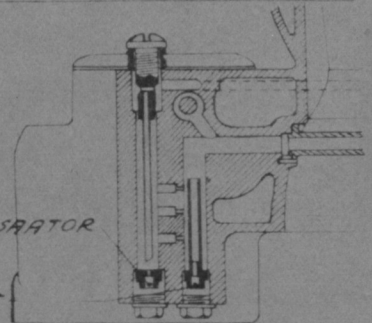


KARBURAATORI REGULEERIMINE.

7

KOMPENSAATOR

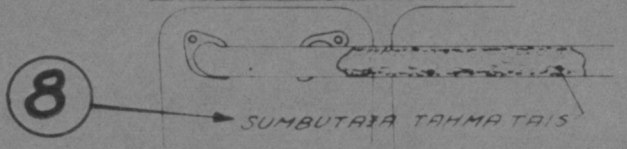
PEA PIHUST



VÄLTJALASKE.

8

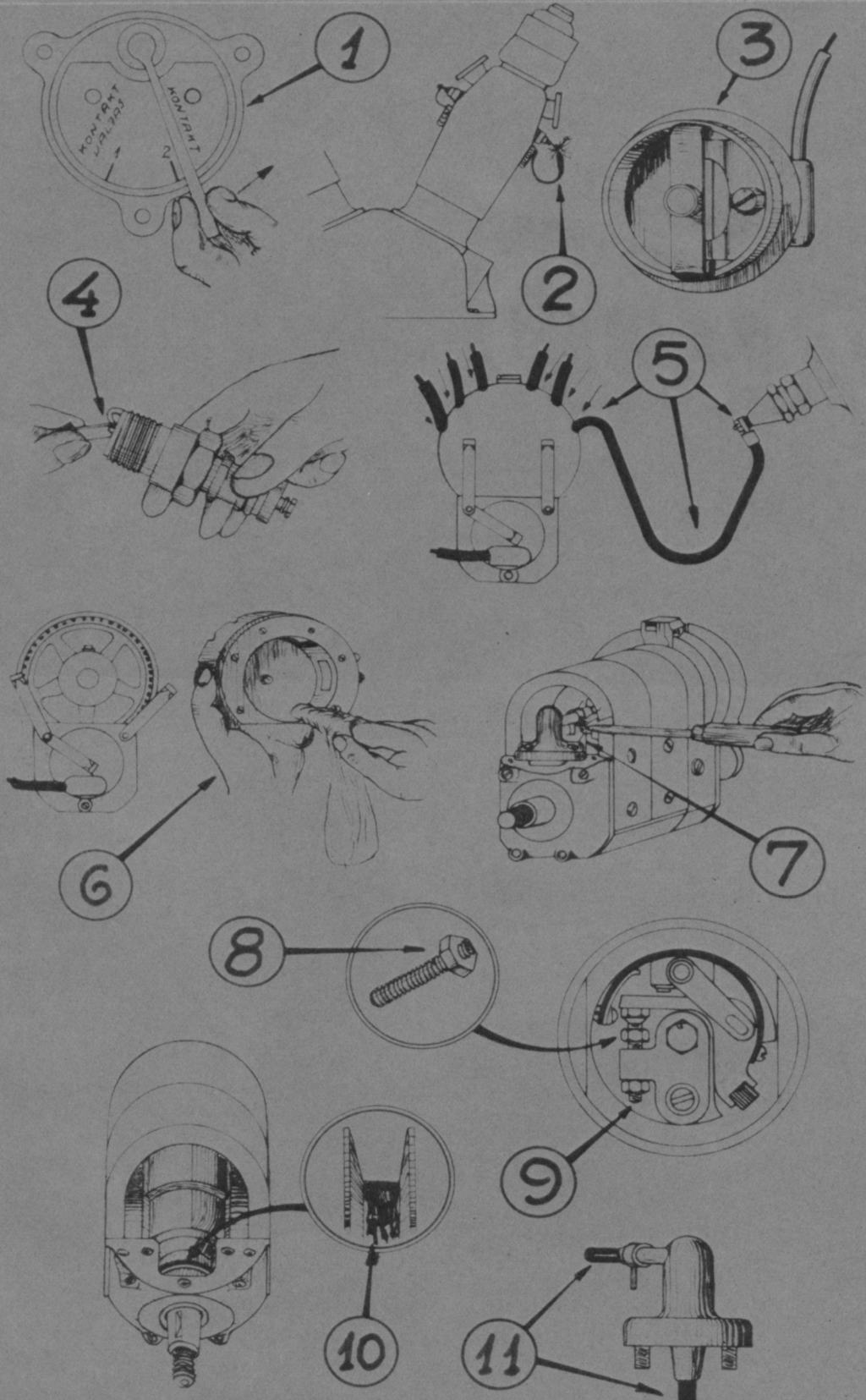
SUMBUKATA TAHTMA TAIS



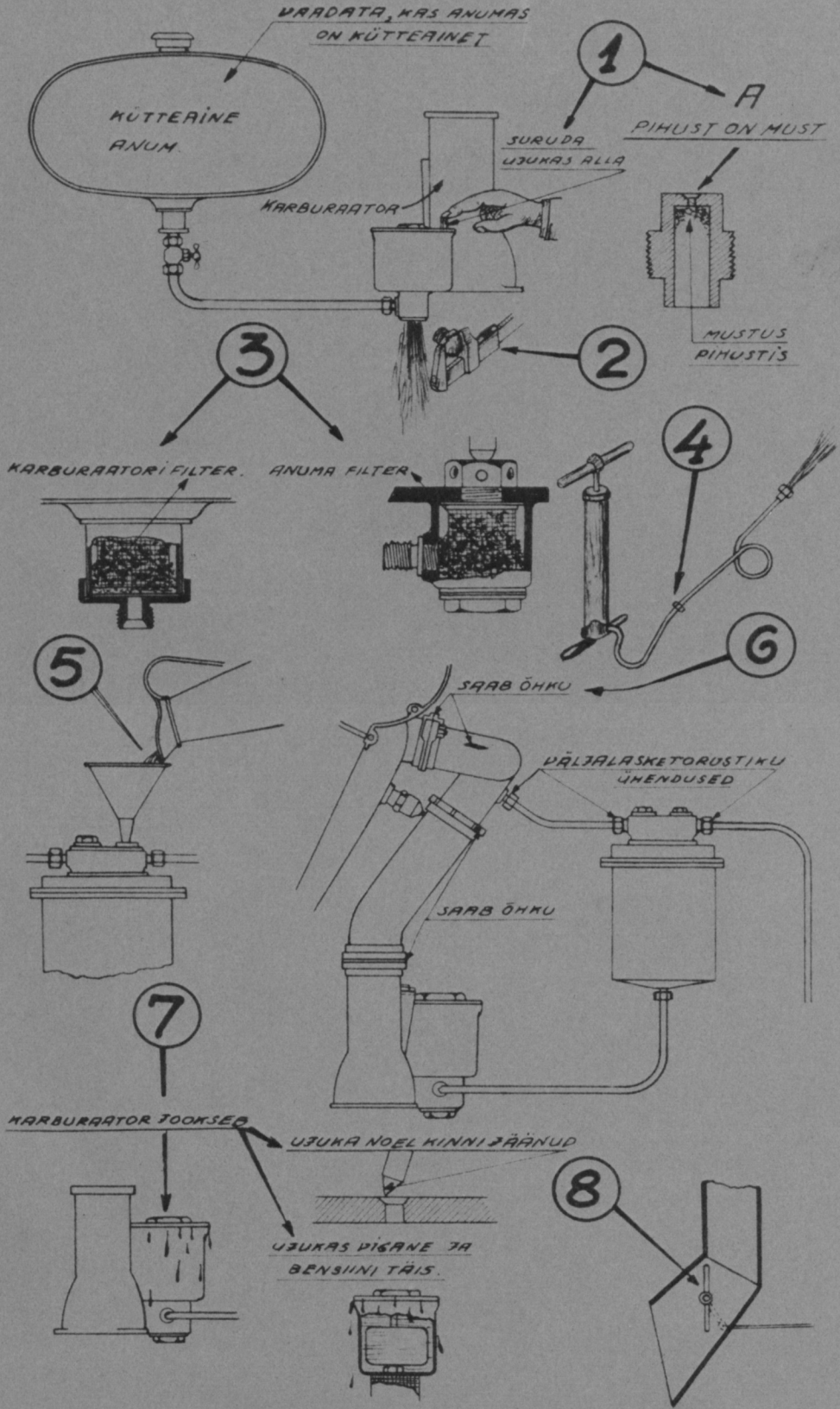
KORRATU SÜÜTAMINE.



SÜÜTAMINE MAGNEETOGA

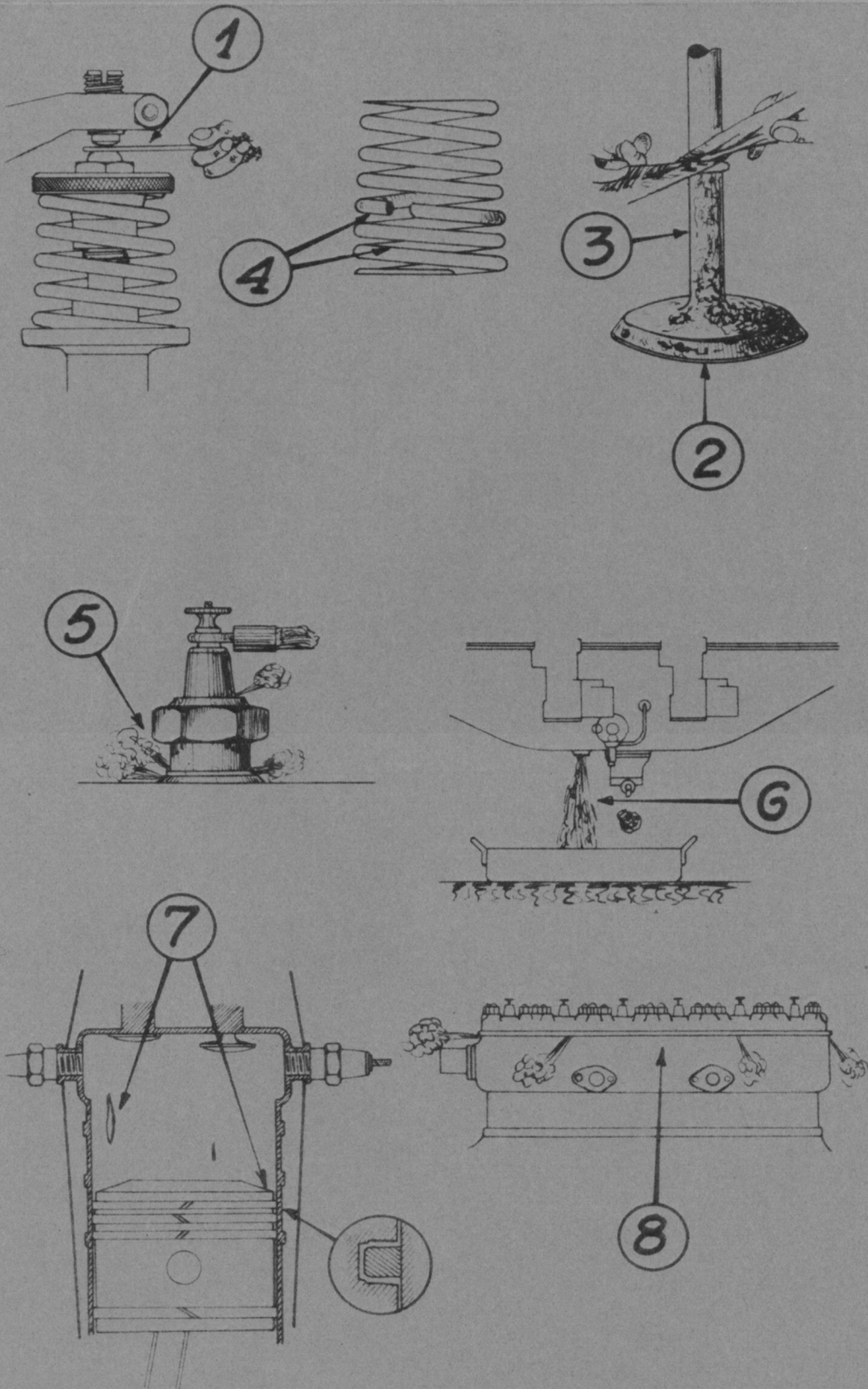


KARBURATSIOON, KÜTTEAINE JUURDEVOOL.



HALB KOMPRESSI00N

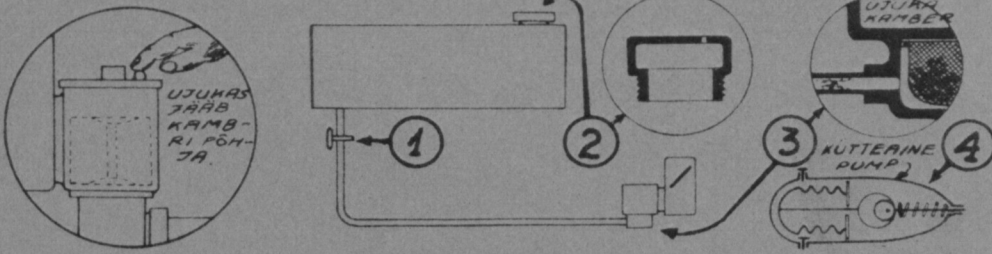
V



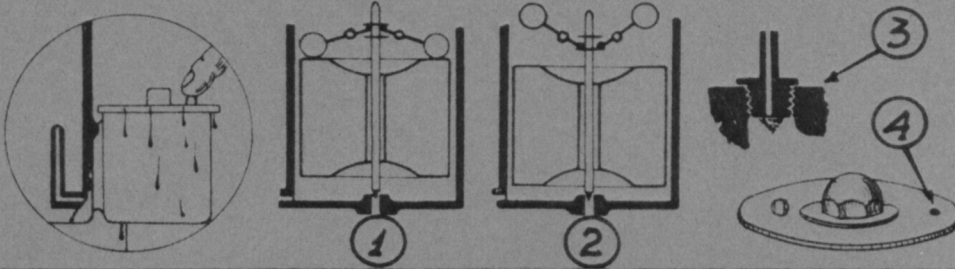
MOOTOR EI LÄHE KÄIMA.

A.-KORRATUS KÜTTEAINE JUUREDOOLUS JA KARBURATSIOONIS.

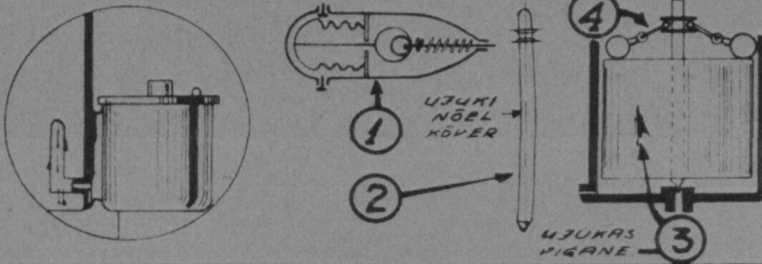
a.) KÜTTEAINET EI DOOLA UJUKI KAMBRISSE.



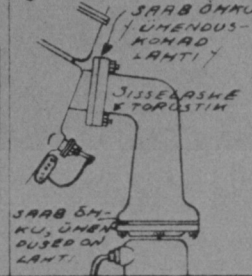
b.) KÜTTEAINET DOOLAB UJUKI KAMBRISSE KUID EI TULE PIHUSTITESSE



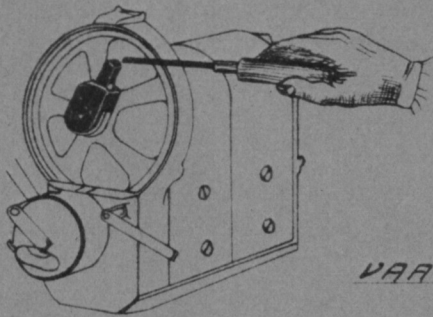
d.) KÜTTEAINET DOOLAB ÜLIPALJU PIHUSTITESSE



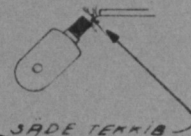
e.) KARBURATSIOON



B.-SÜÜTAMINE -KONTROLLIDA SÄDEME TEKKIMIST JAGAJA SÖÖL



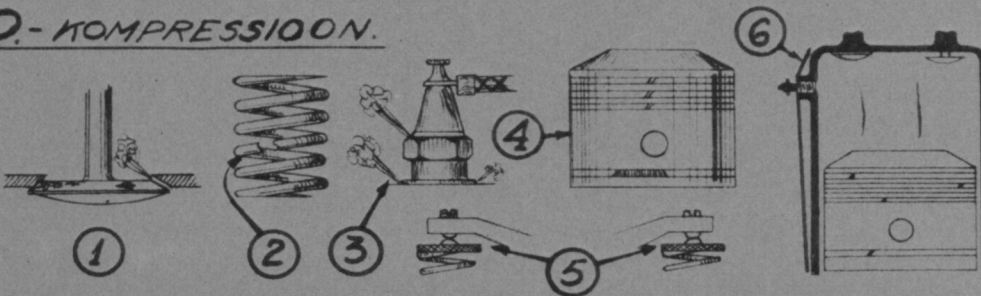
ÜHENDADA MAGNEETO KÕRPU POORLEVA SÖÖGA / MÄRITAGI JÄTTES UM-
BES 2 mm VAHE JA KEE-
RATA MOOTORIT KÄSITSI.



VARTA DEAD MAGNETOS.



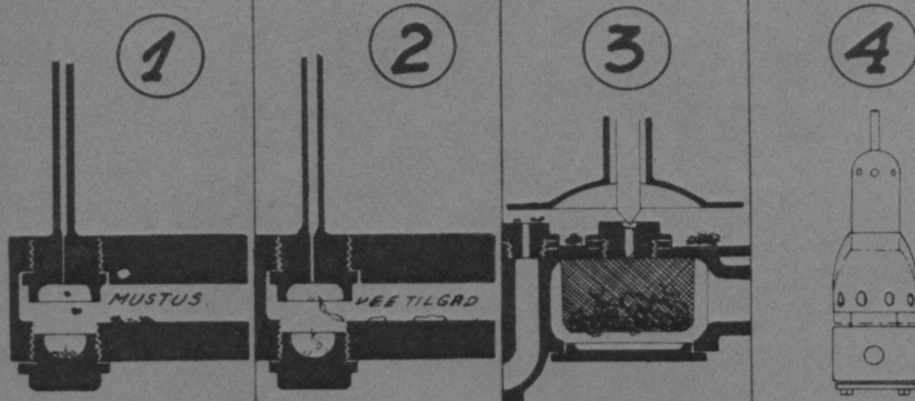
D.-KOMPRESSIOON.



MOOTOR JÄTAB VAHELE.

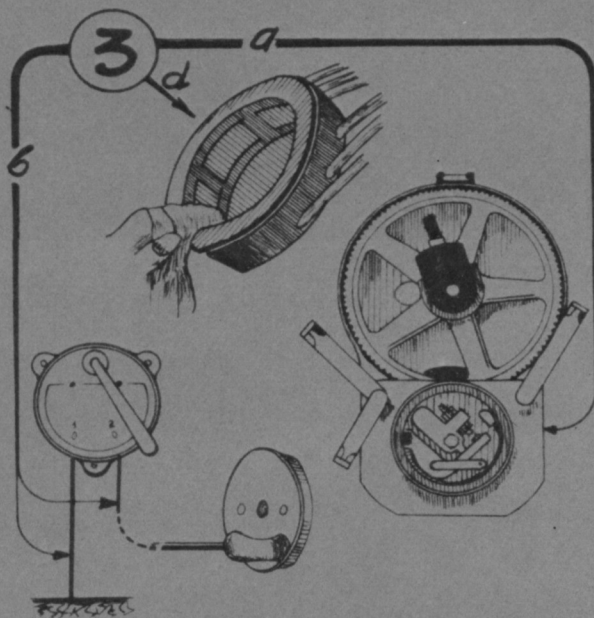
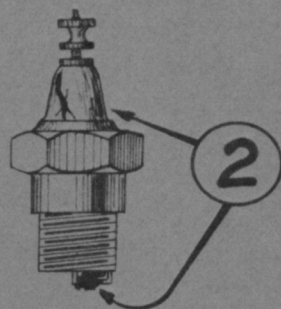
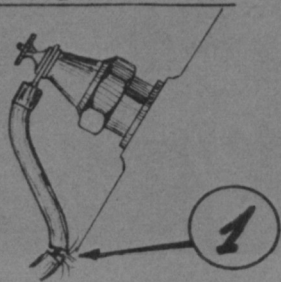
ÜKS VÕI MITU SILINDRIT JÄTAVAD VAHELE VÕI
EI TÖÖTA ÜLDSE MITTE.

A. KORRATU KÜTTEAINEJUUREPOOL VÕI KARBURATSIOON

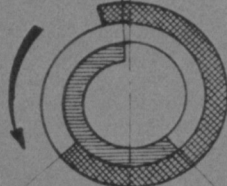
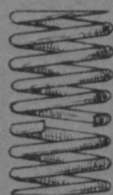
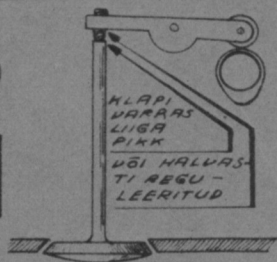
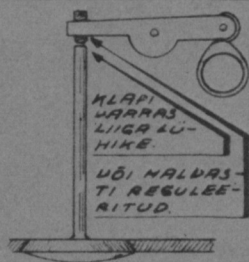


B. SÜÜTAMINE

VAATA MAGNEETO DEAD



D. JAGAMINE.



1

2

3

4

MOOTOR EI SAADUTA NORMAAL- SET DÕIMSUST

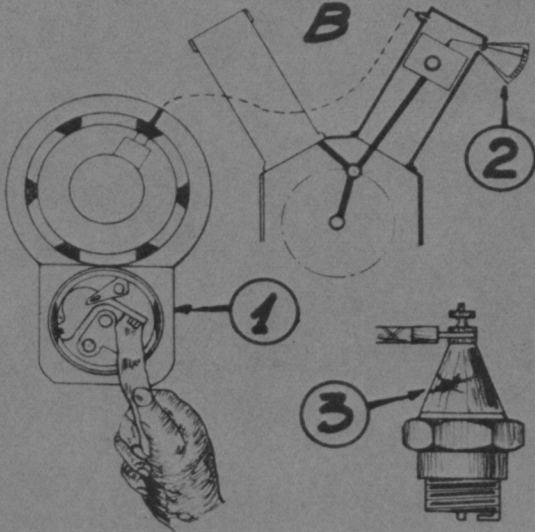
VIII

KARBURATSIOON



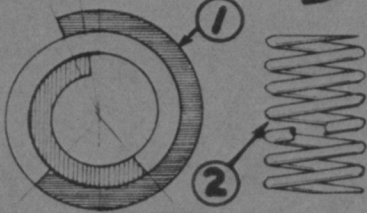
A

SÜÜTAMINE



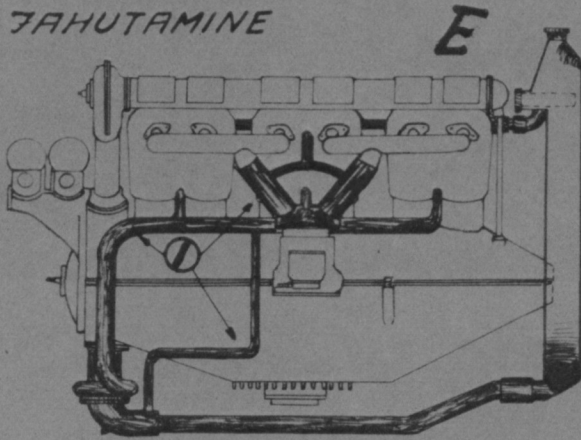
B

JAGAMINE

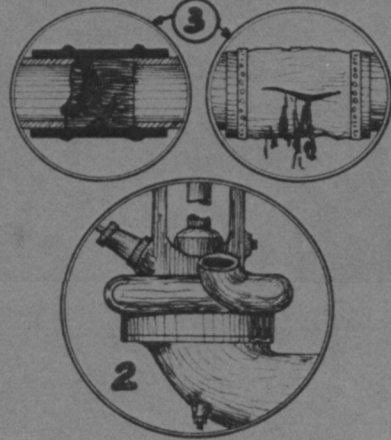


D

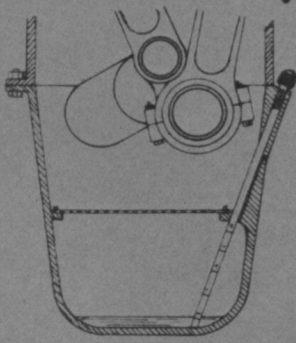
JAHUTAMINE



E



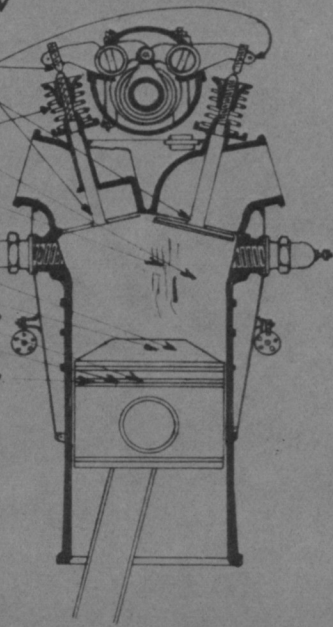
ÕLITUS



F

KOMPRESSION

- KLAPID KINNIAARNUD
- HALVASTI LIHMITUD KLAPID
- KATKISED VEHRUD
- OPRAALSED SILINDRID
- KRIINUSTUSED SI-LINDRIS
- OPRAALSED KOLVID
- KRIINUSTUSED KOLVIL
- KOLUNUD KOLVI RÕNGAD
- HALVASTI ASETUD KOLVI RÕNGAD
- KATKISED KOLVI RÕNGAD



G

VÄLJALASKE.



H

Ar 935

Mootoriteaduse

2.