

S/137/62/000/006/028/163
AC06/A101

AUTHORS: Reznichenko, V. A., Sidorenko, G. D., Solov'yev, V. I., Karyazin,
I. A., Dmitrovskiy, Ye. B., Afanas'yev, T. V.

TITLE: Developing electric melting techniques for perovskite-titanium-
magnetite sinter

PERIODICAL: Referativnyy zhurnal, Metallurgiya, no. 6, 1962, 13, abstract 6394
(In collection: "Titan i yego splavy", no. 5, Moscow, AN SSSR,
1961, 54 - 59)

TEXT: As a result of experimental industrial investigations on the elec-
tric melting of perovskite titanium-magnetite sinter, the possibility was proved
of extracting Nb into cast-iron and of obtaining titanous slag. Nb cast-iron
can be used as an initial product to obtain Nb slag which is a raw material for
producing Nb metal. Titanous slag can be employed for TiO_2 production. For
melting, sinter was used containing 25% perovskite and 75% titanium-magnetite con-
centrates. The Fe content in the sinter was 39 - 45%, TiO_2 content was 12 - 15%.
Melting was conducted in an ore-heating furnace with a cupola. Its capacity is

Card 1/2

veloping electric melting...

S/137/62/000/006/028/103
A006/A101

4,500 kvamp; the electrodes are arranged in a triangle, the diameter of the electrode configuration is 1,500 mm. The heats yielded Nb-cast iron and titanium slag. The medium TiO_2 content of the total slag amount was 34% at 1.0% FeO content. The cast-iron obtained contained up to 0.1; 0.2 and 0.3% Nb. The degree of Nb extraction into the cast iron was then 31.5, 63.0 and 94.5%. The average electric power consumption per heat was 2,880 kw-h/ton. The operational voltage during the melting process was 100 - 150 v. Prior to teeming the slag the furnace was switched-off. The temperature at which the slag was removed from the furnace was 1,450 - 1,500°C.

G. Svodtseva

[Abstracter's note: Complete translation]

✓

Card 2/2

REZNICHENKO, V.A.; TKACHENKO, V.A.; SIRYAPOV, G.V.; KOZLOV, V.M.;
SIDORENKO, G.D.

Reduction of ilmenite concentrates in a fluidized bed. Titan
i ego splavy no.5:60-64 '61. (MIRA 15:2)
(Titanium--Metallurgy)
(Fluidization)

REZNICHENKO, V.A.; SIDORENKO, G.D.; EPSHTEYN, Z.D.; MARKIN, A.A.;
SKRIPCHUK, V.S.

Pilot plant investigation of the blowing of titanium-niobium
cast iron. Titan i ego splavy no.8:72-85 '62. (MIRA 16:1)
(Cast iron--Analysis) (Slag--Analysis)
(Oxygen--Industrial applications)

SIDORENKO, G. I.

Sidorenko, G. I. "The hygienic characteristics of bacterial aeroplakton in the air of a large city (Moscow)." Second Moscow State Medical Inst imeni I. V. Stalin. Moscow, 1956. (Dissertation for the Degree of Candidate in Medical Science)

See: *Knizhnaya Letopis'*, No. 27, 1956. Moscow. Pages 94-109; 111.

SIDORENKO, G.I.

Using EGmass-12 in dental prosthesis. Vrach.delo no.8:831-834
Ag '57. (MIRA 10:8)

1. Kafedra ortopedicheskoy stomatologii (zav. - prof. A.I.Betel'man)
Kiyevskogo meditsinskogo instituta
(DENTAL PROSTHESIS) (PLASTICS)

SIDORENKO, G.I.

Plaster method for the determination of central occlusion in
prosthesis for patients with toothless jaws. Vrach.delo no.1:
59-61 '60. (MIRA 13:6)

1. Kafedra ortopedicheskoy stomatologii (zav. - prof. A.I.
Betel'man) Kiyevskogo meditsinskogo instituta.
(DENTAL PROSTHESIS)

SIDORENKO, G.I.

Use of the retroalveolar region for stabilizing a complete lower denture. Vrach.dlo no.3:285-287 Mr '60. (MIRA 13:6)

1. Kafedra ortopedicheskoy stomatologii (zav. - prof. A.I. Betel'man) i kafedra normal'noy anatomii (zav. - zasl. deyatel' nauki, prof. M.I. Spirov) Kiyevskogo meditsinskogo instituta.
(DENTAL PROSTHESIS)

SIDORENKO, G.I. (Kiyev)

Functional design of the occlusive surfaces of lamellar pro-
theses. Probl.stom. 6:275-277 '62. (MIRA 16:3)
(DENTAL PROSTHESIS)

SIDORENKO, G.I.; FEDIN, P.G.

Vicarious menstruations in the form of pulmonary hemorrhages. Probl.
endok. i gorm. 10 no.6:53-55 N-D '64. (MIRA 18:7)

1. Kafedra fakul'tetskoy terapii Minskogo meditsinskogo instituta
i 4-ya klinicheskaya bol'nitsa (glavnyy vrach Ye.M.Sel'dimirova),
Minsk.

SIDORENKO, G.I.; PIVOVAROV, Yu.P.

Improvement in the construction of the MBS-2 microscope.
Lab. delo no. 12:745-746 '64. (MIRA 18:1)

1. Kafedra gigiyeny (zaveduyushchiy - prof. V.A.Spasskiy)
II Moskovskogo meditsinskogo instituta im. N.I.Pirogova.

SIDORENKO, G.I., kand.med.nauk (Kiyev)

Use of the linear myelography in prosthetics. Probl. abal.-lits. khir.
no.1:240-243 '65. (MIRA 18:10)

SIBORENKO, G.I.

Isolation and identification of *Clostridium perfringens* from the contents of intestines in healthy persons. Zhur. mikrobiol., epid. i immun. 42 no.11:29-33 N '65. (MIRA 18:12)

1. II Moskovskiy meditsinskiy institut imeni Pirogova. Submitted July 8, 1964.

L 28976-66 EWT(1)/T JK

ACC NR: AP6019159

SOURCE CODE: UR/0240/65/000/005/0026/0029

AUTHOR: Sidorenko, G. I. (Docent)

ORG: Department of Hygiene, Second Moscow Medical Institute im. N. I. Pirogov
(Kafedra gigiyeny II Moskovskogo meditsinskogo instituta)

30
B

TITLE: Occurrence of Cl. perfringens^b in the soil

SOURCE: Gigiyena i sanitariya, no. 5, 1965, 26-29

TOPIC TAGS: soil bacteriology, commercial animal, animal disease, mouse, serum, bacteriology

ABSTRACT: The authors present the results of a study of the spread of Cl. perfringens in 932 soil samples taken from different regions in the USSR, with 694 samples being taken from the soil of Dzhambul'skaya Oblast (Southern Kazakhstan) alone, the reason being that annually (in the spring and early fall) a large number of sheep in this region are felled by infectious enterotoxemia caused by Cl. perfringens type D, and moreover it is of interest to determine whether type D of Cl. perfringens might be of etiological significance in human pathology as has been suspected by certain investigators (White, M. H., Bullen, J. J. Lancet, 1955, Vol 1, p 384); this, however, would require a separate investigation. The isolated strains were identified with the aid of white mice with monovalent antitoxic sera of the A, B, C, D, and E types. Analysis of the findings showed that Cl. perfringens is most
Card 1/2

UDC: 614.774-078

L 28976-66

ACC NR: AP6019159

0

frequently encountered in soils contaminated by man and animals. *Cl. perfringens* types B, C, D, and E are encountered only in areas with a high livestock density, apparently because animals are the carriers of these types, by contrast with types A and F -- the only known types of *Cl. perfringens* toxic to humans. *Cl. perfringens* type A is the most durable and resistant to seasonal and climatic changes as compared with types B, C, D, E, F. In the investigated samples, 18% of *Cl. perfringens* type A had thermoresistant spores that endured boiling for more than 1 hr. Compared with types B, C, and E, type D of *Cl. perfringens* is more resistant to environment and has been found in soils on sheep pastures that had been abandoned for several years. Orig. art. has: 4 tables. [JPRS]

SUB CODE: 06 / SUBM DATE: 15Jun64 / ORIG REF: 006 / OTH REF: 007

Card 2/2 BLG

L 28430-66 EWT(1)/T JK

ACC NR: AP6019112

SOURCE CODE: UR/0016/65/000/011/0029/0033

23
62

AUTHOR: Sidorenko, G.I.

Org: Second Moscow Medical Institute im. N.I. Pirogov (II Moskovskiy meditsinskiy institut)

TITLE: Isolation and identification of Cl. perfringens⁶ from the intestinal contents of healthy persons

SOURCE: Zhurnal mikrobiologii, epidemiologii i immunobiologii, no. 11, 1965, 29-33

TOPIC TAGS: bacteria, bacteriology

ABSTRACT: Cl. perfringens was isolated from 543 (79.6%) out of 682 fecal samples investigated. About two-thirds (601) were nontoxigenic or weakly toxigenic strains, the others (319) the type A strain. Types B, C, and D were isolated much less frequently - 1, 3, and 9 strains, respectively - and generally only when they were present in the environment (in healthy and sick animals, in soil, in food products, etc.).

Type D Cl. perfringens was often isolated from the feces of healthy persons. It seems that this microorganism becomes pathogenic for man only when other factors are unfavorable (e.g., presence of disease, surgery, etc.).

Of the type A strains, 12% possessed spores that proved resistant to boiling, unlike the B, C, and D types, which were destroyed by boiling. The latter three strains were isolated from the feces of healthy persons only if they had had direct or indirect contact with those handling animals. Orig. art. has:

3 tables. ^{JPRS/}

SUB CODE: 06/ SUBM DATE: 08Jul64 / ORIG REF: 002/ OTH REF: 015

Card 1/1

UDC: 612.336.3 : 576.851.555.078.2

SIDORENKO, G. I. (Minsk)
SIDORENKO, G.I. (Minsk)

Neurosis with a particular disturbance of heart rhythm. *Klin. med.*
32 no.7:74 J1 '54. (MLBA 7:8)

(NEUROSES, complications

*arrhythmia)

(ARRHYTHMIA, etiology and pathogenesis

*neuroses)

SIDORENKO, G. I.

SIDORENKO, G. I. "Clinical-experimental investigation in focal injuries to the myocardium." Minsk State Medical Inst. Minsk. 1956, (Dissertation for the Degree of Candidate of Sciences)

Medical

So: Knizhnaya Letopis', No. 18, 1956

SIDORENKO, G.I.

Attachment to a chronaximeter for studying lability. Fiziol.zhur.
42 no.6:521-522 Je '56. (MIRA 9:8)

1. Iz kafedry fakul'tetskoy terapii Minskogo meditsinskogo
instituta.

(NEUROPHYSIOLOGY, apparatus and instruments,
chronaximeter with attachment for determ. of
lability (Rus))

USSR/Human and Animal Physiology - Blood Circulation.
General Problems.

T-4

Abs Jour : Ref Zhur - Biol., No 13, 1953, 34145

Author : Sidorenko, G.I.

Inst :

Title : Electrocardiograms in the Presence of Rhythmic Myocardium
Stimulation.

Orig Pub : Zdravookhr. Belorussii, 1957, No 2, 26-31

Abstract : In thorough experiments on dogs, rhythmic stimulations of the myocardium were carried out with simultaneous registration of ECG [electrocardiogram] in one of the standard abductions or in epicardial abductions. Heart lability which was determined by registering maxima of reproduced rhythmic beats, Resolved within the limits of 240-325 imp/min. As the myocardium was stimulated to optimum, a gradual shortening of latent periods (LP) was noted, as well as a decrease of chronaxy when transition to a new

Card 1/2

USSR/Human and Animal Physiology - Blood Circulation.
General Problems.

244

Abs Jour : Ref Zhur - Biol., No 10, 1958, 34145

rhythm took place. As stimulation intensity was accelerated in frequency or in strength, diminution of lability was observed, such as increase of LP, and falling out of individual impulses of the functional block type. Furthermore, non-reversible ventricular fibrillation took place. The author relates the abovementioned observations to arhythmic pathogenesis. Thus, shortening of PQ intervals in the Vol'f-Parkinson-Uayt [Wolff-Parkinson-White] syndrome is analogous to LP becoming shorter when stimuli are less frequent, whereas gradual LP increases which lead to a fall-out of individual impulses when stimuli are more frequent, reproduce Venkobakh-Samoylov [Wenkebach-Samoylov] periods. -- A.S. Vol'pe

Card 2/2

SIDORJENKO, G.I.

Simple stable rectifier for electrophoresis. Lab.delo 4 no.2:49-50
Mr-Ap '58. (MIRA 11:4)

1. Iz kafedry fakul'tetskoy terapii (zav. - prof. B.I.Trusevich)
Minskogo meditsinskogo instituta.
(ELECTROPHORESIS) (ELECTRIC CURRENT RECTIFIERS)

9(0)

SOV/112-59-2-3704

Translation from: Referativnyy zhurnal. Elektrotehnika, 1959, Nr 2, p 210 (USSR)

AUTHOR: Sidorenko, G. I.

TITLE: Transformerless Rectifier for Electrophoresis on Paper
(Bestransformatorny vypryamitel' dlya elektroforeza na bumage)

PERIODICAL: Zdravokhr. Belorussii, 1958, Nr 3, p 64

ABSTRACT: A transformerless stabilized 200-250-v, 60-70-ma rectifier is described which is intended for electrophoresis on paper in biological analyses. The rectifier comprises one 30Ts1S kenotron in a half-wave circuit. Its stabilizer consists of a series-type 30P1S regulating tube whose grid is fed by a voltage divider connected across the output terminals. Kenotron and regulating-tube heaters are supplied from the power line via a barretter, an absorbing resistor, and an indicating lamp. The voltage-regulation range is from zero up to the rated voltage (about 250 v for the line voltage 220 v, and about 150 v for the line voltage 127 v).

A.V.K.

Card 1/1

Chav. Faculty Surgery, Minsk Medical Inst.

SIDORENKO, G.I., kand.med.nauk

Physiological characteristics of extrasystole; clinical and experimental data. Terap.arkh. 31 no.11:13-16 '59. (MIRA 13:3)

1. Iz kafedry fakul'tetskoy terapii (zaveduyushchiy - akademik AN BSSR prof. B.I. Trusevich) Minskogo meditsinskogo instituta. (ARRHYTHMIA physiol.)

DRIVOTINOV, B.V., kand.med.nauk; SIDORENKO, G.I., kand.med.nauk; MBLAMED,
S.I., kand.med.nauk; DOVGYALLO, O.G., aspirant; CHERNUKHO, V.L,
vrach; BUTSEL', A.M., vrach; VERZUNOVA, G.I., vrach; MUL'CHEVSKAYA,
Ye.S., vrach

Some peculiarities in the clinical course of grippe in 1959. Zdrav.
Belor. 5 no.1:40-42 Ja '60. (MIRA 13:5)

1. Iz II klinicheskoy bol'nitsy Minska.
(MINSK--INFLUENZA)

SIDORENKO, G.I.

Significance of the change in the postextrasystolic complex
in the electrocardiogram. Ter. arkh. 35 no.7:55-60 J1'63
(MIRA 17:1)

1. Iz kafedry fakul'tetskoy terapii (ispolnyayushchiy obyazannosti zaveduyushchego G.I.Sidorenko) Minskogo meditsinskogo instituta.

SHUMSKIY, F.I., otv. red.; GAYAN, A.A., red.; VOYKO, B.I., red.;
KARELIN, V.N., red.; NAGOROKAYA, Ye.D., red.; SOLNTSEV,
K.K., red.; SIDORENKO, G.M., red.; LOMASHEVICH, O., red.

[Increasing the production and improving the quality of
meat; transactions of the White Russian Research Institute
of Animal Husbandry] Uvelichenie proizvodstva i uluchshenie
kachestva miasa; trudy Belorusskogo nauchno-issledovatel'-
skogo instituta zhivotnovodstva. Minsk, Izd-vo "Urozhai,"
1964. 155 p. (MIRA 17:7)

1. Minsk. Instytut zhyvelahadouli.

SIDORENKO—

ZELEZINSKAYA, G.M.

Work of the office of organization and methods. Sov.zdrav. 15 no.5
supplement:17-19 0 '56. (MLBA 10:1)

1. Zaveduyushchaya organizatsionno-metodicheskim kabinetom Kiyevskoy
oblastnoy bol'nitsy
(VITAL STATISTICS
registration method)

SIDORENKO, Grigoriy Mikhaylovich

[Feeding and milking cows after first calving] Vyrashchivanne
i razdoi karou-pershatsiolak. Minsk, Dziarzh. vyd-va BSSR, 1957.
29 p. (MIRA 11:1)

(Cows--Feeding and feeding stuffs)

ZELEZINSKAYA, SIDORENKO, G.M.

Studying the incidence of diseases causing temporary disability in workers of machine-tractor stations. Vrach.delo no.8:853-857 Ag '57.
(MLBA 10:8)

1. Kiyevskaya oblastnaya bol'nitsa i kafedra organizatsii zdravookhraneniya Kiyevskogo instituta usovershenstvovaniya vrachey
(MEDICAL STATISTICS)
(MACHINE-TRACTOR STATIONS--HYGIENIC ASPECTS)

~~SIDORENKO-ZHIBZINSKIYA, G.M.; ZHARAVEL', R.Yu.~~

Study of morbidity among collective farm workers with temporary disability; according to materials from the Kiev District. Sov. zdrav. 16 no.6:14-19 Je '57. (MIRA 10:8)

(DISEASE, statist.

in collective farms, method of study)

SIDORENKO-ZALEZINSKAYA, G.M.

Study of morbidity among the rural population in Kiev Province in the
Ukraine. Sov. zdrav. 18 no.2:25-30 '59 (MIRA 12:1)

1. Iz Kiyevskoy oblastnoy bol'nitsy (glavnyy vrach A. M. Cherednik).

(VITAL STATISTICS)

morbidity of rural population (Rus))

(RURAL CONDITIONS,

same)

DUPLENKO, K.F.; VASYUTINSKIY, N.A.; SIDORENKO, G.M.; GRANDO, A.A.

"Public health organization in the U.S.S.R.," edited by N.A.
Vinogradov. Reviewed by K.F.Duplenko and others. Sov.zdrav.
18 no.7:42-45 '59. (MIRA 12:9)
(PUBLIC HEALTH) (VINOGRADOV, N.A.)

KLEBANOV, M.A., prof. (Kiyev); Priniimali uchastiye: BEREZITSKIY, A.V. (Kiyev);
PEKAR', P.P.; SAVENKOV, D.I.; TARANENKO, M.I.; MELAMED, M.A.;
BORSHCHEVSKIY, M.L. (Odessa); VIL'NYANSKIY, L.I. (Khar'kov);
SOKOLOVA, Yu.I. (Khar'kov); ABERMAN, A.A.; KULAKOVA, S.A. (Simferopol');
FUKS, R.A. (Dnepropetrovsk); BEZNOVA, Zh.A. (Vinnitsa); KUKLINA,
N.P. (Zhitomir); SIDORENKO, G.P. (Chernovitsy); D'YACHENKO, N.S.
(Stanislav).

Reduction in the periods of therapeutic pneumothorax following its
use in combination with antibacterial therapy. Vrach. delo no.12:
36-40 D '60. (MIRA 14:1)

1. Ukrainskiy institut tuberkuleza imeni F.G.Yanovskogo (for Klebanov).
2. Dispanser Yugo-Zapadnykh zheleznnykh dorog (for Aberman).
(PNEUMOTHORAX) (TUBERCULOSIS)

S/122/60/000/008/006/006/XX
A161/A029

AUTHORS: Kosterin, Yu.I., Candidate of Technical Sciences, Sidorenko, G.S.,
Engineer

TITLE: Statical Friction Characteristics of Nonmetallic Friction Couples 17

PERIODICAL: Vestnik mashinostroyeniya, 1960, No. 8, pp. 38-41

TEXT: In view of not always satisfactory work of plastics in machines and insufficient test data and a great variety of test device designs used, methods of finding fundamental test rules are discussed. Formulas derived in six existing works (Ref. 1-6) are used. The authors carried out experiments with the couples plexiglas-steel "45", plexigals-copper, friction material 6-KX -1 (6-KKh-1)-steel "45" (and lead-copper for comparison). The test device used, a ПП-1 (GP-1) apparatus permits tests to be made with a slider speed of 0.05-3.0 mm/sec and normal load of 0.6-10 kg produced by exchangeable weights. The use of different test specimen shapes is possible. The authors chose three 5-mm diameter metal legs with polished friction surface and the other material in the form of plates. The formula (11) is stated to reflect sufficiently closely the real processes in the formation of friction contact and the effect of

Card 1/2

KRAGEL'SKIY, I.V., doktor tekh. nauk, prof.; DEMKIN, N.B., kand. tekhn.
nauk; SIDORENKO, G.S., inzh.

Formulas for calculating the area of actual contact. Vest.
mashinostr. 43 no.10:9-13 0 '63. (MIRA 16:11)

CHICHINADZE, A.V. (Moskva); SIDORENKO, G.S. (Moskva)

Thermophysical parameters and the coefficients of heat flow
distribution used in calculating friction temperatures of
heat-resistant friction pairs. Mashinovedenie no.3:76-78
'65. (MIRA 18:6)

SIDORENKO, G.S.; ZHEREBTSOV, I.V., inzh. (Dnepropetrovsk); PCTOTSKIY, G.I., inzh.

More about the methods of curve alignment. Put' i put. khoz. 9 no.2:
28-29 '65. (MIRA 18:7)

1. Starshiy inzh. Dorptoyekta, Donetsk (for Sidorenko).

SIDORENKO, G. T.

30770. K Voprosu O Tak Nazyvaemykh "Mnogornykh Ksarofitekh." Soobshch.
Tsdzh. Filiala Akad. Nauk SSSR, Vyp. 18, 1949, c. 8-11. - Bibliogr: 21 Nazv.

SO: Ietopis' Zhurnal'nykh Statey, Vol. 50, Moskva, 1949

1. SIDORENKO, G. T.
2. USSR (600)
4. Kuramin Mountains - Juniper
7. Savin trees of the Kuramin mountain range. Scob. TFAN SSSR no. 22. 1950

9. Monthly List of Russian Accessions, Library of Congress, March 1953, Uncl.

SIDORENKO, G.T.

Studying the flora of Alpine lakes. Dokl. AN Tadzh. SSR no.1:35-38
'51. (MIRA 9:10)

1. Insitut botaniki Akademii nauk Tadzhikekey SSR. Predstavlene chlenom-
korrespondentom Akademii nauk Tadzhikekey SSR P.N. Ovchinnikovym.
(Tajikistan--Alpine flora) (Tajikistan--Aquatic plants)

SIDORENKO, G.T.; LYSOVA, N.V.

Thymetum of Central Asia. Trudy TFAN SSSR 18:141-148 '51. (MIRA 8:8)
(Asia, Central--Botany--Ecology)

1. OVCHINNIKOV, P. N. and SIDORENKO, G. T.
2. IESR (600)
4. Ranales - Tajikistan
7. Discovery of a species of Bushcia in Tajikistan. Soob. TFAN SSSR no. 30, 1951.

9. Monthly Lists of Russian Accessions, Library of Congress, March 1953, Unclassified.

SIDORENKO, G.T.; AYNI, S., glavnyy red.; OVCHINNIKOV, P., otv. red.; KOTSABENKO,
Ye., red. izd-va; FROLOV, P., tekhn. red.

[Vegetation and forage resources of the Kurama Range] Rastitel'-
nost' i kormovye resursy Kuraminskogo khrebtta. Stalinabad. Izd-
vo Akad. nauk Tadzh. SSR, 1953. 98 p. (Akademiia nauk Tadzhikskoi
SSR. Stalinabad. Trudy, vol. 9) (MIRA 12:6)
(Kurama Range--Botany) (Forage plants)

STESHENKO, Anastasiy Petrovna; SIDORENKO, G.T., otvetstvennyy redaktor;
VINOGRADSKAYA, S.N., redaktor izdatel'stva; PROLOV, P.M., tekhnicheskiiy redaktor

[Improving desert pastures in the Pamirs] Uluchshenie pustynnykh pastbishch na Pamire. Stalinabad, Izd-vo Akademii nauk Tadzhikskoi SSR, 1954. 21 p. (Nauchno-populiarnaya biblioteka, no.28) (MIRA 9:8)
(Pamirs--Pastures and meadows)

STESHENKO, Anastasiya Petrovna; OVCHINNIKOV, P.N., prof., otv. red.; SIDORENKO,
G.T., red.; BATALOVA, M.A., red. izd-va; PROLOV, P.M., tekhn. red.

[Structural development of undershrub at higher altitudes in
the Pamirs] Formirovanie struktury polukustarnichkov v usloviakh
vysokogorii Pamira. Stalinabad. Izd-vo AN Tadzh. SSR. 1956. 159 p.
(Akademiia nauk Tadzh. SSR, Stalinabad. Trudy vol. 50)

(MIRA 12:6)

(Pamirs--Botany)

SIDORENKO, G.T.

Vegetation of the Rengen-Tau in connection with the northern
limit of the South Tajikistan floristic region. Dokl. AN Tadj.
SSR no.18:21-25 '56. (MLBA 10:4)

1. Institut botaniki AN Tadjhikskoy SSR. Predstavleno chlenom-
korrespondentom AN Tadjhikskoy SSR P.N. Ovchinnikovym.
(Rengen-Tau--Phytogeography)

IKONNIKOV, S.S.; ISMAILOV, M.; KNORRING, I.G.; KOROLEVA, A.S.; KUDRYASHEV,
S.N.; MALEYEV, V.P.; MASLENNIKOVA, T.I.; NEVSKIY, S.A.; NIKITIN, V.A.;
OVCHINNIKOV, P.N.; PLESHKO, S.I.; POPOV, N.G.; SIDORENKO, G.T.;
CHUKAVINA, A.P.; SHIBKOVA, I.F.; BORISOVA, A.G., redaktor; VASIL'CHEN-
KO, I.T., redaktor; NEUSTRUYEVA, O.E., redaktor; ZENDEL', R.Ye.,
tekhnicheskii redaktor

[Flora of the Tajik S.S.R.] Flora Tadzhikskoi SSR. Moskva, Izd-vo
Akad.nauk SSSR. Vol.1. [Pteridophyta - Gramineae] Paprotnikoobraznye-
zlaki. Glav.red. P.N.Ovchinnikov. 1957. 547 p. (MIRA 10:9)
(Tajikistan--Botany)

SIDORENKO, G.T.

Critical note on *Astragalus dictamnoides* N. Gontsch. Bot. mat. Gerb.
18:142-143 '57. (MIRA 10:6)

(Tien Shan--Milk vetches)

SIDORENKO, G.T.

Qualitative characteristics of Tajikistan soils. Trudy AN
Tadzh.SSR 99:103-105 '58. (MIRA 13:4)
(Tajikistan--Soils--Classification)

SIDORENKO, G.T.; CHUKAVINA, A.G.

Additions to the flora of Tajikistan. Dokl. AN Tadjh. SSR 2
no. 3: 49-51 '59. (MIRA 13:4)

1. Predstavleno akademikom AN Tadjhikskoy SSR P.N. Ovchinnikovym.
(Tajikistan--Botany)

SIDORENKO, G.T.

The southern Tajikistan geobotanical region. Sbor. trud. Tadzh.
fil. Geog. ob-va SSSR no.2:69-77 '61. (MIRA 14:11)
(Tajikistan--Phytogeography)

STANYUKOVICH, Kirill Vladimirovich; SIDORENKO, G.T., otv. red.;
VASIL'YEVA, N.M., red.izd-va; GELLER, S.P., tekhn.red.

[Wormwood deserts of Tajikistan, their dynamics and age
composition of dominant species] Polynnye pustyni Tadzhi-
kistana, ikh dinamika i vozrastnoi sostav edifikatorov.
Dushanbe, Izd-vo AN Tadzhik SSR, 1963. 52 p.

(MIRA 17:3)

YUSUPBEKOV, Kh.Yu.; SIDORENKO, G.T., otv. red.

[Use and improvement of hay fields and pastures in the Pamirs]

Ispol'zovanie i uluchshenie senokosov i pastbishch Pamira

Dushanbe, AN Tadzhikskoi SSR, 1964. 48 p. (MIRA 18:3)

SIDORENKO, G.Ye., starshiy agronom-entomolog (Primorskiy kray)

At the Grodekovo Plant Quarantine Station. Zashch. rast. ot vred.
i bol. 7 no.1:51-52 '62. (MIRA 15:6)
(Grodekovo--Plant quarantine)

INOZEMTSEV, D.; VLASOVA, A., starshiy inzh.; SIDORENKO, I.; IVANOVA, A.,
oblitsovshchitsa

School of progressive practices. Stroitel' no.1:27-28 Ja '61.
(MIRA 14:2)

1. Nachal'nik uchastka SSMU-29 tresta Sochiapetsstroy (for Inozemtsev).
2. Proizvodstvenno-tekhnicheskiy otdel tresta Sakstroy (Arzamas)
(for Vlasova).
3. Brigadir shtukaturov SMU-35 tresta BelGESstroy
(for Sidorenko).
4. SSMU-3 tresta Krasnodarstroy (for Ivanova).
(Building--Technological innovations)

SIDORENKO I.

SAVENKO, Yu., inzhener; SIDORENKO, I., inzhener.

Organizing power of continuous work schedules. *Mast.ugl.* 3 no.8:
5-6 Ag '54. (MIRA 7:9)

(Coal mines and mining)

BUYALOW, G., ... (LITVIN, I.; ...); SPESHENKO, M.;
... ..

... .. Ag '65.
(MIRA 18:9)

SIDORENKO, I.A.

SIDORENKO, I.A. (Berzhany)

Results of streptomycin and PAS therapy of meningeal tuberculosis under rural conditions. Klin. med. 32 no.12:77-78 D '54. (MLRA 8:3)

1. Iz Berzhanskoy rayonnoy bol'nitsy Ternopol'skoy oblasti (glav. vrach - M.I.Lishchenyuk)

(TUBERCULOSIS, MENINGEAL, therapy

PAS & streptomycin in rural conditions in Russia)

(PARA-AMINOSALICYLIC ACID, ther. use

tuberculosis, meningeal, in rural conditons in Russia)

(STREPTOMYCIN, ther. use

tuberculosis, meningeal, in rural conditions in Russia)

... .. SIDRENKO,
... ..
... ..
... ..
... .. (MIRA 18:20)

SIDORENKO, I.A.

Changes in the cerebrospinal fluid in patients with tuberculous meningitis treated with streptomycin. Vrach.delo no.2:197 F '57.
(MLRA 10:6)

1. Berezhanskaya rayonnaya bol'nitsa Ternopol'skoy oblasti.
(STREPTOMYCIN) (MENINGES--TUBERCULOSIS)
(CEREBROSPINAL FLUID)

SIDORENKO, I.A.

New methods for determining bile pigments in the urine. Lab.
delo 6 no.3:30-31 My-Je '60. (MIRA 13:7)

1. Berezhanskaya meshrayonnaya bol'nitsa Ternopol'skoy oblasti
(glavnyy vrach A.S. Komasyuk).
(BILE PIGMENTS)

KRASIL'NIKOV, V.D., gornyy inzh.; SIDORENKO, I.A., gornyy inzh.; TSOY,
A.G., gornyy inzh.

Cinephotometric method of studying the productivity of rotary-
bucket excavators. Nauch. trudy Mosk. inst. radioelek. i gor.
elektromekh. no.46:128-132 '62. (MIRA 17:1)

KRUTSKEVICH, M.M.; SIDORENKO, I.D.

European mistletoe (*Loranthus europaeus* Jacq.) and its distribution
in the Ukrainian S.S.R. *Biul.Glav.bot.sada* no.35:116-117 '59.
(MIRA 13:2)

1. Kamenets-Podol'skiy sel'skokhozyaystvennyy institut.
(Ukraine--Mistletoe)

SIDORENKO, I.D.

Effect of ionizing radiations and ultraviolet rays on the quality
of seed corn. Nauch. dokl. vys. shkoly; biol. nauki no.1:152-157
'60. (MIRA 13:2)

1.Rekomendovana kafedroy botaniki i fiziologii rasteniy Kamenets-
Podol'skogo sel'skokhozyaystvennogo instituta.
(Corn (Maize)) (Plants, Effect of radiation on)

SIDORENKO, I.D. [Sydorenko, I.D.]

Action of ionizing and ultraviolet radiation on corn seeds.
Ukr. bot. zhur. 19 no.2:3-14 '62. (MIRA 15:6)

1. Kamenets-Podol'skiy sel'skokhozyaystvennyy institut, kafedra
botaniki i fiziologii rasteniy.

(Plants, Effect of radiation on)
(Seeds) ~~.....~~ (Corn (Maize))

SIDORENKO, I.G.

Effect of the time when the newborn is first put to the mother's
breast on the dynamics of its weight. Vop.okh.mat. i det. 3 no.1:
20-23 Ja-F '58. (MIRA 11:2)

1. Iz kafedry pediatrii (zav. - dotsent P.N.Gudzenko) i kafedry
akusherstva i ginekologii (zav. - prof. L.B.Teodor) Chernovitskogo
meditsinskogo instituta (dir. - dotsent M.M.Kovalev)
(ENFANTS--NUTRITION)

SIDORUKO, I. I., Cand Med Sci -- (diss) " 'Physiological' loss of weight of newly-born infants and some methods of the battle against it." Chernovtsy, 1960. 113 pp; (Ministry of Public Health Ukrainian SSR, Chernovtsy State Medical Inst); 250 copies; price not given; list of author's work at end of text; (KL, 22-60, 144)

SIDORENKO, I.G.; PORTNOVA, N.G.

Rare case of primary tuberculosis of the digestive tract in a 1-year-old child. *Pediatrics* 38 no.12:71-72 '60. (MIRA 1482)

1. Iz detskoy kliniki Nauchno-issledovatel'skogo instituta akusherstva i pediatrii (dir. - F.S. Baranovskaya, nauchnyy rukovoditel' - prof. I.Ya. Serebriyskiy) i prozektury (zav. otdeleniyem - prof. Sh.I. Krinskiy) 1-y gorodskoy bol'nitsy (glavnyy vrach A.V. Goreshtnyak).

(ALIMENTARY CANAL--TUBERCULOSIS)

SIDORENKO, I.G.

Electroencephalogram of the full-term newborn infant. Vop. okhr.
mat. i det. 6 no. 1:43-48 Ja '61. (MIRA 14:4)

1. Iz Rostovskogo-na-Donu nauchno-issledcvatel'skogo instituta
akusherstva i pediatrii (dir. -- kand.med.nauk F.S. Baranovskaya,
nauchnyy rukovoditel' - prof. I.Ya. Serabriyskiy).
(ELECTROENCEPHALOGRAPHY) (INFANTS (NEWBORNS))

SIDORENKO, I.G.

Electroencephalogram of the premature infant; Vop. okh. mat. i det.
6 no.11:22-29 N '61. (MIRA 14:12)

1. Iz Rostovskogo-na-Donu nauchno-issledovatel'skogo instituta
akusherstva i pediatrii (dir. - kand.med.nauk F.S.Baranovskaya, nauchnyy
rukovoditel' - doktor med.nauk T.V.Loverdo, rukovoditel' raboty - kand.
med.nauk N.V.Shteynbukh).
(ELECTROENCEPHALOGRAPHY) (INFANTS (PREMATURE))

SIDORENKO, G.I., dotsent

Isolating Clostridium perfringens from soil. Veterinariia 41
no.3:25-27 Mr '65. (MIRA 18:4)

1. 2-y Moskovskiy meditsinskiy institut imeni N.I.Pirogova.

SIDORENKO, I. K.

Oils and Fats

Work practice of the Dnepropetrovsk Oil and Fat Combine. Masl. -zhir. prom. 18, No. 3,
1953.

SO: Monthly List of Russian Accessions, Library of Congress, June 1953, Uncl.

SIDORENKO, I.K., inzhener.

Burning sunflower husks in a furnace equipped with a mechanical stoker. Masl.zhir.prom. 19 no.1:32-33 '54. (MLRA 7:2)

1. Dnepropetrovskiy maslozhirkombinat. (Stokers, Mechanical)

PATKANOV, Ye.G., inzhener; BAGLAY, G.I.; SIDORENKO, I.K.

Unit for heating extractors. Masl.-zhir.prom. 19 no.5:27-28 '54.
(MLRA 7:9)

1. Dnepropetrovskiy maslozhirkombinat.
(Heating) (Extraction apparatus)

SIDORENKO, I.K.

Automatic bypass valves. Masl.-zhir.prom. 20 no.3:29-30 '55.
(MLRA 8:7)

1. Dnepropetrovskiy maslozhirkombinat.
(Valves)

SIDORENKO, I.K.

Increasing the capacity of roll assemblies. Masl.-zhir.prom.20
no.5:31-33 '55. (MLRA 8:11)

1. Dnepropetrovskiy maslozhirkombinat
(Crushing machinery) (Oil industries--Equipment and supplies)

SIDORENKO, I.K.

Reconditioning screw-press members. Masl.-zhir.prom.21 no.2:
29-30 '56. (MIRA 9:7)

1.Dnepropetrovskiy maslozhirkombinat,
(Power presses--Repaired)

SIDORENKO, I.K.

Automatic temperature regulator in furnaces. Masl.-zhir. prom. 23 no.3:
31-32 '57. (MLRA 10:4)

1. Dnepropetrovskiy maslozhirkombinat.
(Thermostat) (Furnaces)

SIDORENKO, I.K.

Interlocking of screw press electric motors. Masl.-zhir. prom. 23 no.5:
36-37 '57. (MLRA 10:5)

1. Dnepropetrovskiy maslozhirkombinat.
(Pressing machinery--Electric driving)

SIDV SA. I.R.

Dish batches. Kisl.-zhar. prom. 27 no. 7-15-16. 31. 1961.
(17. 14:7)

3. Dnepropetrovskiy mashinostrovoiy kombinat.
(oil industries--Equipment and supplies)

SIDORENKO, I.K.

Combination table for drawing and blueprinting. Masl.-zhir. prom.
27 no.9:40-41 S '61. (MIRA 14:11)

1. Dnepropetrovskiy maslozhirvoy kombinat.
(Dnepropetrovsk--Oil industries--Equipment and supplies)

SIDORENKO, I.K. [Sydorenko, I.K.]

Apparatus for operations under pressure or vacuum. Khar.prom.
no.4:44-45 O-D '62. (MIRA 16:1)

1. Tsentral'noye byuro tekhnicheskoy informatsii Dnepropetrovskogo
soveta narodnogo khozyaystva.

(Mixing machinery)

SIDORENKO, I.K.

Apparatus for operations under pressure or vacuum. Masl.-zhir.prom.
28 no.8:40-41 Ag '62. (MIRA 17:2)

1. Dnepropetrovskiy maslozhirovoy kombinat.

SIDORENKO, I.K.

Device for sampling the upper layer of liquids. Masl.-zhir.
prom. 29 no.8:29 Ag '63. (MIRA 16:10)

1. Dnepropetrovskiy maslozhirovoy kombinat.

SIDORENKO, I.M.

Shortcomings in the construction of new sugar mills. Sakh.prom.
29 no.4:8-11 '55. (MLRA 8:9)

1. Mizochskiy sakharnyy zavod
(Sugar industry--Equipment and supplies)

SIDORENKO, I.M., aspirant.

Role of agricultural contracts for the delivery of sugar beets
in increasing the role of material interest in the development
of collective farms. Nauk.zap.Kiev.un. 15 no.9:159-166
'56. (MIRA 10:7)

(Sugar beets) (Collective farms)

PHASE I BOOK EXPLOITATION

SOV/5184

Sidorenko, Ivan Mikhaylovich

Potochnaya liniya ochildki listovoy stali ot okaliny i rzhavchiny
(Continuous Line for the Removal of Scale and Rust From Steel Sheets)
Leningrad, Sudpromgiz, 1960. 41 p. 5,000 copies printed.

Scientific Ed.: G. S. Pilyavskiy; Ed.: G. I. Mishkevich; Tech. Ed.: L. M. Shishkova.

PURPOSE: This booklet is intended for technical personnel engaged in mechanizing and automating the processes used in cleaning steel sheets in shipbuilding and in other branches of industry.

COVERAGE: Two methods for the removal of rust and scale from steel sheets are described briefly. One of these methods has been proven under actual industrial conditions. For purposes of comparison, the characteristics of other methods for cleaning sheet metals are given. No personalities are mentioned. There are no references.

Card 1/4

BLINKHA, A.A.; SIDORENKO, I.S.

Corrosion of benzene distillation columns. Koks i khim. no.2:33-37
'61. (MIRA 14:2)

1. Krivorozhskiy metallurgicheskiy zavod. (Benzene)
(Plate towers---Corrosion)

BELUKHA, A.A.; SIDORENKO, I.S.

Operation of enameled pipes in the coke and coal chemicals production.
Koks i khim. no.2:52-54 '64. (MIRA 17:4)

1. Krivorozhskiy metallurgicheskiy zavod.

SIDORENKO, I.S.

4

9.2585

36950
S/142/61/004/006/015/017
E192/E382

AUTHORS: Bolotin, L.I., Volkov, V.I., Lesnykh, M.S.,
Lyapkalo, Yu.M., Merzlikin, V.A., Pipa, A.V., .

TITLE: ~~A high-power pulsed oscillator~~
Sidorenko, I.S., and Chernyak, L.L.

PERIODICAL: Izvestiya vysshikh uchebnykh zavedeniy,
Radiotekhnika, v. 4, no. 6, 1961, 726 - 728

TEXT: Generation of high-power bursts of ultrashort-wave frequencies is of importance in linear accelerators of heavy particles. A pulsed oscillator based on the triode, type 6N-4A (6I-4A), was therefore developed. Constructionally, the oscillator is based on coaxial tuned circuits, in which the tube operates as a grounded-grid system (Ref. 1 - M.S. Neyman - Triode and tetrode generators for UHF (Triodnyye i tetrodnyye generatory SVCh), Sovetskoye radio, 1950). The anode-grid resonant circuit is in the form of a quarter-wave line, terminated with the interelectrode capacitance C_{ag} (Fig. 1). Since the external diameter $D = 33$ cm, internal diameter $d = 14$ cm and $C_{ag} = 35$ pF, the resonance frequency is 142 Mc/s and the length h of the anode grid-tuned circuit is 19 cm;
Card 1/3

4

4

A high-temperature

S/142/61/004/006/015/017
E192/E382

these calculated data were verified experimentally. The cathode-grid circuit is in the form of a short-circuited polycylindrical coaxial section of a half-wave line; this is terminated with the capacitance C_{ag} . The feedback is provided by three non-adjustable loops positioned at angles of 120° with respect to each other, in such a manner that the loops pass through the common wall of the resonators. The separator condenser in the anode-grid circuit consists of six groups of condensers, each consisting of two condensers in series. The oscillator was tested with an $82-\Omega$ resistive load, which was in the form of a polystyrol cylinder with a water solution of sodium carbonate. It was possible to obtain a maximum power of 1.2 MW with an anode voltage of 32 kV and pulse duration of 450 μ s. The oscillator was also tested with a high-Q load formed by the resonator of a linear proton accelerator; this had a resonance frequency of 142 Mc/s and a quality factor of 50 000. It was found that at an anode voltage of 36 kV the resonator of the accelerator received a power of the order of 500 kW, so that the protons could be accelerated up to energies

Card 2/3

4

A high-temperature

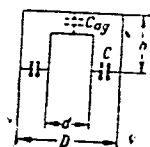
S/142/61/004/006/015/017
E192/E382

of 5.5 MeV. There are 4 figures.

ASSOCIATION: Uchenyy sovet FTI AN UkrSSR
(Learned Council of FTI AS UkrSSR)

SUBMITTED: April 28, 1961

Fig. 1:



Card 3/3

31717

S/057/61/031/012/003/013
B108/B138

24.6730
AUTHORS:

Bolotin, L. I., Bomko, V. A., Revutskiy, Ye. I., and
Sidorenko, I. S.

TITLE: H-mode accelerator

PERIODICAL: Zhurnal tekhnicheskoy fiziki, v. 31, no. 12, 1961, 1426-1430

TEXT: The Berkeley type linear accelerators working on the E_{010} mode have several disadvantages. An H_{111} -mode linear accelerator is suggested. A particular feature of such an accelerator is the much lower resonance frequency. 8-cm wide drift tubes are connected to opposite sides of the cylindrical copper resonator (75 cm wide, 120 cm long). The electrical field has a sinusoidal distribution along the resonator. The best way of preventing the maximum of the E_z component in the loaded resonator from moving toward the smaller accelerating gaps is either to change the ratio $\alpha = \frac{\delta}{L}$ (δ = gap length, L = length of accelerating section or to change the inductance of the accelerating units. The increase in the length of the

X

Card 1/2

31717
S/057/61/031/012/003/013
B108/B138

H-mode accelerator

accelerating sections from period to period was calculated from the formula

$$\Delta L_n = \frac{e\bar{E}_{\max} \lambda^2}{4mc^2} G_n \cos \varphi_s \sin \frac{\pi z}{h} \text{ where } \bar{E}_{\max} \text{ denotes the maximum of the time}$$

average of electrical field strength, G_n = field consumption factor at the n-th gap, φ_s = synchronous phase. The plant yielded protons with energies of 1.5 - 2 Mev which is in good agreement with the theoretical calculations. The Q factor was 6250. The shunt resistance was 28 megohms, which requires an h.f.-power of some 20 kw for acceleration. The device described can be used for the acceleration of heavy ions (carbon, nitrogen, oxygen, neon, etc.) with low initial energies ($\beta \approx 0.01$). There are 3 figures, 1 table, and 4 references: 1 Soviet and 3 non-Soviet.

SUBMITTED: February 4, 1961

Card 2/2

X

BOLOTIN, L.I.; VOLKOV, V.I.; LESNYKH, M.S.; LYAPKALO, Yu.M.; MERZLIKIN, V.A.;
PIPA, A.V.; SIDORENKO, I.S.; CHERNYAK, L.L.

Power impulse self-oscillator. Izv.vys.ucheb.zav.; radiotekh.
4 no.6:726-728 N-D '61. (MIRA 15:4)

1. Rekomendovano Uchenym sovetom Fiziko-tekhnicheskogo instituta
AN USSR.

(Oscillators, Electric) (Pulse techniques (Electronics))

L 12952-65 EWT(1)/EWT(m)/EPA(w)-2/EEC(b)-2/EJP(1)/EMA(b) Pi-l/Pj-l/Pm-l/
Pab-10/Pac-l/Pt-7/Peb IJP(c)

ACCESSION NR: AP5010813

UR/0057/65/035/004/0748/0750

AUTHOR: Sidorenko, I. S.; Revutskiy, Ye. I. 56
B

TITLE: Investigation of properties of superconducting resonators at
a frequency of 1100 megacycles

SOURCE: Zhurnal tekhnicheskoy fiziki, v. 35, no. 4, 1965, 748-750

TOPIC TAGS: resonator,²⁵ superconducting resonator, particle accelerator,
commercial lead, lead resonator, hf resonator 11

ABSTRACT: An investigation is made of the possibility of using an ordinary commercial lead (type B-2) as a material for the resonator of a particle accelerator. Preliminary results of tests at a frequency of 1100 megacycles are summarized. Surface resistance, determined by measuring the resonator Q-factor (a function of the rise of induced oscillations and the attenuation time of free oscillations in the resonator) decreased by 6-7 orders of magnitude from the value at 300K (330) when the resonator was cooled down to 4.2K. The resonator and its cooling equipment are shown in Figs. 1 and 2 of the Enclosure, respectively. The resonator, which consists of a section quarter-wave Card 1/4

L 42952-65

ACCESSION NR: AP5010813

coaxial line, has a natural frequency of 1100 megacycles. It can be used in accelerators in which the maximum magnetic field is less than 500 gauss. Such resonators can be used as tank circuits of master oscillators and as hf filters for frequency stabilization. Orig. art. has: 5 formulas and 2 figures. [YK]

ASSOCIATION: none

SUBMITTED: 26Jun64

ENCL: 02

SUB CODE: EC, NP

NO REF SOV: 002

OTHER: 000

ATD PRESS: 3236

Card 2/4

L 42952-65

ACCESSION NR: AP5010813

ENCLOSURE: 01

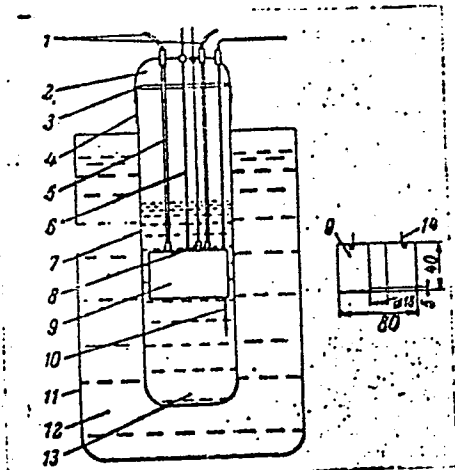


Fig. 1. Resonator

1 - PK-1 cable; 2 - lid; 3 - plastic foam ring; 4 - rubber collar; 5 - ac link conduit; 6 - resonator suspension rod; 7 - Dewar flask; 8 - gas temperature sensor; 9 - test resonator; 10 - overflow; 11 - Dewar flask; 12 - nitrogen; 13 - helium; 14 - antenna.

Card 3/4

L 42952-65

ACCESSSION NR: AF5010813

ENCLOSURE: 02

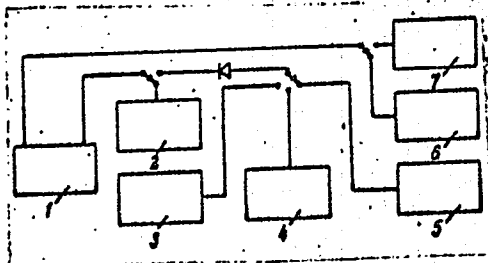


Fig. 2. Cooling equipment

- 1 - Test resonator; 2 - frequency meter;
- 3 - Q meter; 4 - indicator; 5 - oscillograph;
- 6 - pulse generator; 7 - signal generator.

Card 4/4 *LN*