

KAPLINSKIY, M.B., kand.med.nauk; BURGANSKIY, B.Kh., kand.med.nauk;
KORTEV, A.I., kand.med.nauk; MALYARCHIKOVA, G.S.; ANAN'YEV, I.T.;
GUSEV, N.P.; KARASEV, A.G.

Listerellosis infection in the Urals. Sbor.rab.Sverd.med.inst.
no.32:73-78 '61. (MIRA 16:2)

1. Iz Okruzhnogo Sanitarno-epidemiologicheskogo otrayada
(nachal'nik A.S.Mats) i kafedry infektsionnykh bolezney (zav.
kafedroy - dotsent A.I.Kortev) Sverdlovskogo meditsinskogo
instituta.

(URAL MOUNTAIN REGION--LISTERELLOSIS)

ANANYEV, I.V.

Reshenie zadachi o sobstvennykh kolebaniakh dryl'ev s sosredotochennymi massami metodom integral'nykh uravnenii. Moskva, 1938. 75 p., illus., tables, diags. (TSAGI. Trudy, no.348)

Bibliography: p.75.

Title tr.: Solution of the problem on inherent oscillations of wings with concentrated masses by the method of integral equation.

QA911.M65 no.348

SO: Aeronautical Sciences and Aviation in the Soviet Union, Library of Congress, 1955

^Y
ANAN'EV, I. V.

Reshenie zadachi o sobstvennykh kolebaniyakh kryl'ev s sosredotochennymi massami metodom integral'nykh uravnenii. (Tekhnika vozdushnogo flota, 1938, v. 12, no. 2, p. 41-60, diagrs.)

Title tr.: Solution of the problem of inherent oscillations of wings with concentrated masses by the method of integral equations.

TL504.T4 1938

SO: Aeronautical Sciences and Aviation in the Soviet Union, Library of Congress, 1955

ANAN'EV, L. V.

Sobstvennye kolebaniia svobodnykh i uprugopodveshennykh balok s
sosredotochennoi massoi. Moskva, 1939. 32 p., diagsr. (TSAGI. Trudy
no. 384)

Title tr.: Natural oscillations of free and elastically supported beams
with a concentrated weight.

QA911.M65 no. 384

SO: Aeronautical Sciences and Aviation in the Soviet Union, Library of
Congress, 1955.

ANAN/EV, I. V.

Raschet provodki upravleniia ruliami i eleronami na rezonans. (Tekhnika
vozdushnogo flota, 1941, v. 15, no. 1, p. 13-26, tables, diagrs.)

Title tr.: On resonance vibrations of rudder and aileron controls.

TL504.T4 1941

SO: Aeronautical Sciences and Aviation in the Soviet Union, Library of
Congress, 1955.

ANAN'EV, I. V., N. P. SEREBRIANSKII, and others.

Raschet na rezonans motoustanovok na elastichnoi podveske. (Tekhnika voz-
dushnogo flota, 1941, v. 15, no. 4, p. 21-40, diagrs.)

Title tr.: Calculation of the resonance vibrations of elastically supported
engine mountings.

TL504.T4 1941

SO: Aeronautical Sciences and Aviation in the Soviet Union, Library of
Congress, 1955.

ANANYEV, I. V.

"Handbook for the proper computation of oscillated flexible system", (Spravochnik po raschetu sobstbenniky kolebaniy uprugikh sistem), published by the State Publishing House for Technical-Theoretical Literature, Moscow-Leningrad 1946.

ANAN'EV, L. V., and others

Rekomendatsii po raschetu vibratsii vintomotornykh ustanovok i primernye konstruksii amortizatsii. Moskva, Biuro nauchnoi tekhniki, 1946.

Title tr.: Recommendations for the calculation of aircraft power plant vibrations and models of shock-absorbing mountings.

NCF

SO: Aeronautical Sciences and Aviation in the Soviet Union, Library of Congress, 1955.

I. 44539-65
ACCESSION NR AM5013553

TABLE OF CONTENTS (abridged):

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Ch. II. Methods for the determination of natural frequencies — 13
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SUBMITTED: 22Dec64

SUB CODE: AS

NO KEY SW: 358

OTHER: 00

1/12
Card 2/2

ANAN'YEV, K.N.

Radio relay lines in the high mountains of Kirghizia. Vest.
svyazi 17 no.5:5-8 My '57. (MLRA 10:5)

1. Zamestitel' ministra svyazi Kirgizskoy SSR.
(Kirghizistan--Radio relay systems)

ANAN'YEV, K.N.; LUTSIN, M.N.

Constructing radio relay lines in the mountains of Kirghizi-
stan. Elektrosviaz' 10 no.10:74-76 O '56. (MLRA 9:11)
(Kirghizistan--Radio relay systems)

L 19579-65 EMT(d)/PSS-2/ESC(k)-2/ECG-L/ECG(t)/PS(b) Pg-L/P1-L/Pn-L/Pp-L/
Pac-L/Pt-10 SSD/AFWL/ASD(a)-5/AFETR/ESD(a)/ESD(gs)/ESD(dp)/ESD(t) WS

ACCESSION NR: AP4046442

S/0106/64/000/010/0001/0006

AUTHOR: Anan'yev, K. N.; Troitskiy, V. N.

TITLE: Experimental investigation of microwave diffraction by mountain ridges
[Reported at the 2nd All-Union Symposium on Wave Diffraction, Gor'kiy,
7-13 Jun 62]

SOURCE: Elektrosvyaz', no. 10, 1964, 1-6

TOPIC TAGS: microwave, microwave diffraction, microwave communication
system 4

ABSTRACT: The results are reported of an experimental investigation of
9 cm-6 m-wave propagation across mountain ridges up to 3,000 m high which
were "spiked" by erecting 2x2-cm-mesh 1-m-wide steel screens on them. The
effect of the screens in reducing beyond-the-ridge attenuation was studied. Two
routes, (a) a 192-km Alma-Ata - Frunze at wavelengths of 3.95 m and 30 m and

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L 19579-65

ACCESSION NR: AP4048442

(b) a 14.8-km at wavelengths of 4.35 m, 1.5 m, 50 cm, and 9 cm, were studied with and without the diffracting screens; the latter were stretched either horizontally or along a near-circular line ("diffraction lens"). Detailed data is tabulated. The investigation permitted establishing a 200-km radiocommunication with a few watts of transmitter power, 10 x 10-m antennas, and a 300-m-long (for 30-cm wavelength) or 200-m-long (for 15-cm wavelength) 1.5-2-m-high screen. Orig. art. has: 4 figures and 1 table.

ASSOCIATION: none

SUBMITTED: 08Jul63

ENCL: 00

SUB CODE: EC

NO REF SOV: 000

OTHER: 000

Card 2/2

ALIYEV, Ya.Yu.; GREBENSHCHIKOVA, N.P.; KRYLOV, G.M.; ANAN'YEV, K.V.

Phase composition of aluminosilicate and its components. Uzb.
khim,zhur. 8 no.2:5-11 '64. (MIRA 17:5)

1. Institut khimii AN UzSSR.

ANAN'YEV, K.Ya., inzh.; LAPCHENKO, P.I., kand.tekhn.nauk

The VAK-25000/450 semiconductor rectifier system. Vest.
elektroprom. 33 no.9:78 S '62. (MIRA 15:10)
(Electric current rectifiers)

KLIMENKO, L.I., inzh.; ANAN'YEV, K.Ya., inzh.; LAPCHENKO, P.I., kand.
tekhn. nauk

New source of power supply for electrolyzers. Vest. elektroprom
34 no.6:78-80 Je '63. (MIRA 16:7)

(Electric power supply to apparatus)
(Electrometallurgy)
(Electric current rectifiers)

STUL'NIKOV, V.I., kand.tekhn.nauk; LAPCHENKO, P.I., kand.tekhn.nauk;
KLIMENKO, I.I., inzh.; ANAN'YEV, K.Ya., inzh.

Analysis of the operation of the VAK-12500/300 automatic
current stabilizing system. Prom. energ. 20 no.7:27-31

Jl '65.

(MIRA 18:12)

66536

21.2200

SOV/144-59-1-16/21

AUTHORS: Anan'yev, L.M., Cand.Tech.Sci., Docent; Volkov, M.N.,
Dr.Chem.Sci.; Vorob'yev, A.A., Dr.Physico-Mathematical
Sci., Professor, Director of Tomsk Polytechnical Inst.;
Titov, V.N., Cand.Tech.Sci., Docent; Filippov, M.F.,
Cand.Tech.Sci., Docent.

TITLE: Development of Electron Accelerators at the Tomsk
Polytechnical Institute

PERIODICAL: Izvestiya vysshikh uchebnykh zavedeniy,
Elektromekhanika, 1959, Nr 1, pp 121-124 (USSR)

ABSTRACT: Work on electron accelerators at the Tomsk Polytechnical
Institute was begun in 1946. The aim was to produce an
inexpensive betatron installation, simple in manufacture
and operation. In spite of the fact that many scientists
and engineers maintained that the betatron must be
supplied at a highly stable voltage, the authors
developed a betatron using a supply derived from the a.c.
mains. Changes in frequency and voltage had to be
compensated automatically, and experiments have shown
that this is possible. The fact that the betatron was
supplied from industrial-frequency mains meant that the
installation was very inexpensive. The second important

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SOV/144-59-1-16/21

Development of Electron Accelerators at the Tomsk Polytechnical Institute

Card
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flaw-detection in order to obtain stereo-photographs. B.A. Konokov and L.S. Sokolov developed methods for the extraction of the electron beam both by deflecting the electrons by an electric field and by removing the magnetic channels. B.N. Rodimov and others have considered the acceleration process from the theoretical point of view. Since 1954 the Institute has been concerned with the development of powerful electron synchrotrons. There are no figures, tables or references.

ASSOCIATION: Tomskiy politekhnicheskii institut
(Tomsk Polytechnical Institute)

Dr. Volkov is a Departmental Head at the Ministry of Higher Education, SSSR. (Nachal'nik otdela MVO SSSR)

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ANAN'YEV, I.M.; VOROB'YEV, A.A.; GORBUNOV, V.I.; ALYAB'YEV, A.F., red.;
MAZEL', Ye.I., tekhn. red.

[Induction electron accelerator—the betatron] Induktsionnyi usko-
ritel' elektronov - betatron. Moskva, Gos. izd-vo lit-ry v ob-
lasti atomnoi nauki i tekhniki, 1961. 349 p. (MIRA 14:9)
(Betatron)

PHASE I BOOK EXPLOITATION

SOV/5832

Anan'yev, L. M., A. A. Vorob'yev, and V. I. Gorbunov

Induktsionnyy uskoritel' elektronov -- betatron (Inductive Accelerators of Electrons -- Betatrons) Moscow, Gosatomizdat, 1961. 349 p. 6000 copies printed.

Ed.: A. F. Alyab'yev; Tech. Ed.: Ye. I. Mazel'.

PURPOSE: This book is intended for students in schools of higher education and for scientific personnel and engineers concerned with nuclear physics and with the design of related machinery and instrumentation.

COVERAGE: The book begins with an explanation of the elementary electron theory of inductive acceleration and the physical processes in a betatron. The design of a betatron installation, its optimum parameters, and the design and calculation of betatron units, e.g., electromagnets, circuit diagrams, vacuum systems, and adjustment elements, are described. Published materials and the authors' experience in the development, construction, adjustment, and use of circular-orbit accelerators

Card ~~1~~

ANAN'YEV, Lev Martem'yanovich, kand. tekhn.nauk; VOROB'YEV, Aleksandr Akimovich, doktor tekhn. nauk; GORBUNOV, Vladimir Ivanovich, kand.tekhn.nauk; KROPCHER, S.A., red.; RUBINCVA, L.Ye., tekhn.red.

[Betatron and its uses] Betatron i ego primeneniye. Tomsk, Tomskoe knizhnoe izd-vo, 1962. 83 p. (MIRA 15:11)

1. Tomskiy politekhnicheskii institut imeni S.M.Kirova (for Anan'yev, Vorob'yev, Gorbunov).

(Betatron)

9/058/63/060/001/016/120
A062/A101

AUTHOR: Anan'yev, L. M., Sulin, V. V., Chakhlov, V. L.

TITLE: Design of small-size induction accelerator for investigation of bore-holes

PERIODICAL: Referativnyy zhurnal, Fizika, no. 1, 1963, 40, abstract 1A378
(In collection: "Elektron, uskoriteli". Tomsk, Tomskiy un-t, 1961, 328 - 334)

TEXT: Requirements are formulated for a betatron intended to investigate bore-holes by the method of logging. A brief description is given of the 6.5 MeV betatron construction, designed for these purposes in the Tomsk Polytechnic Institute. The electromagnet of the accelerator together with the sealed off vacuum chamber is placed within an experimental device having an external diameter of 200 mm and a length of 830 mm. ✓

V. Kanunnikov

[Abstracter's note: Complete translation]

Card 1/1

ACC NR: AP6002890

SOURCE CODE: UR/0286/65/000/024/0047/0047

AUTHOR: Anan'yev, L. M.; Chakhlov, V. L.

ORG: none

TITLE: Injector of an electron accelerator. Class 21, no. 176998

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 24, 1965, 47

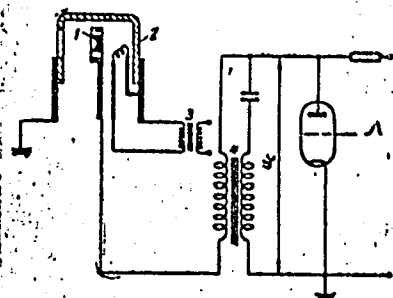
TOPIC TAGS: electron gun, electron accelerator, pulse generator, pulse transformer, commutator

ABSTRACT: The injector of an electron accelerator, consisting of an electron gun with a thermoelectron cathode and a high-voltage pulse generator, is characterized by the fact that the low-voltage end of the secondary winding of the pulse transformer is connected to the anode of the commutating device. This promotes the supply of positive pulses for heating the cathode in the intervals between the negative pulses, ensuring injection. The filament-supply transformer is at zero potential. These characteristics are incorporated in order to simplify the design of the injector and decrease its size.

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L 39039-66

ACC NR: AP6002890



1. thermoelectron cathode, 2. anode, 3. filament-supply transformer,
4. high-voltage pulse transformer

SUB CODE: Q8,09/ SUBM DATE: 18Dec63

Grid

2/2 mLP

C/0026/61/017/007/005/006
F050/F004

AUTHOR: Anan'yev, L. M., Gorbunov, V. I., and Ch'en, Shen (7115/3947)

TITLE: Principles and instruments for measuring the equilibrium orbit of
electron induction accelerators

PERIODICAL: Wu Li Hsueh Pao, v. 17, no. 7, 1961, 329-338

TEXT: The size of the silicon steel lamina of electromagnets for accelerators involves some unavoidable errors in the manufacturing process. In installation it cannot be assured that the relative sizes of magnetic collars, magnetic poles, and central washers will be the same as the designed values. This fact will make the radius of the equilibrium orbit differ from the design values by about several centimeters. In addition, owing to the difference of saturation degree of the iron core, the radius of equilibrium orbit will vary accordingly. If no measurement and check is made the actual intensity of gamma ray cannot be obtained. The paper describes the working principles, design of instruments, and some experimental results of three kinds of conventional

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F050/F004

Principles and instruments for ...

measurement instruments. The first is called the method of minimum electrical field intensity. On the central plane of the acceleration gas gap of the electron accelerator (the surface of $z=0$, shown in Fig. 1.), variable magnetic flux exists. On the circle with a radius r , the induced electrical field intensity

$$E = \frac{U}{2\pi r} \quad (1)$$

Where U -induced electromotive potential (volts), r -radius (cm.), E -induced electrical field intensity (volt/cm). Since the distribution of magnetic field of the electron accelerator has a specific form (shown in Fig. 2), there is a minimum electrical field intensity existing on the radius of equilibrium orbit r_0 . A measuring disk with coils at different radii is made to measure the value of U . Since $E \approx U$, and $U_x = f(r_x)$, the radius of equilibrium orbit r_0 can be determined when E_{min} is found. The second is called the method of graphic solution. The method uses the $H_z(r)$ curve measured on the central plane to determine the value of r_0 through graphing. Suppose curve $H_z(r)$ is known as in Fig. 8. Half of the average magnetic field intensity on the central planes at dif-

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Principles and instruments for ...

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F050/F004

ferent radii is shown in the following formula:

$$\frac{1}{2} \bar{H}_z(r) = \frac{1}{2} \frac{1}{\pi r^2} \int_0^r 2\pi r H_z dr = \frac{1}{r^2} \int_0^r H_z r dr \quad (15)$$

From Fig. 9, $\int_0^r H_z r dr$ can be represented by the area S of curve $H_z(r)$, then,

$$\frac{1}{2} \bar{H}_z = \frac{S}{r^2} \quad (16)$$

and plot curve $\frac{1}{2} \bar{H}_z(r)$ on Fig. 8. According to the condition 2:1, the following relation must exist on the equilibrium orbit:

$$\frac{1}{2} \bar{H}_z(r_0) = H_z(r_0)$$

But on Fig. 8, there are 3 points, A, B, and C, satisfying the condition 2:1. Among them, only point A is stable. Then the radius of equilibrium orbit r_0 can be determined

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b

C/0026/61/017/007/005/006

F050/F004

Principle and instruments for ...

by the location of point A. Curve $H_z(r)$ can be measured by a small coil connected to an electron tube a-c millivoltmeter. The voltage measured can be used to represent the relative value of magnetic field intensity. The third is called the method of three coils. The circuit diagram is shown in Fig. 11. r_B is the designed radius of equilibrium orbit, $r_1 = r_B - \Delta r/2$, $r_2 = r_B + \Delta r/2$. The 3 coils are put in the slots of an organic glass disk. When measurement is taken, the disk is put in the acceleration gap. The plane containing the 3 disk is located on the central plane of the magnetic field. Induced potentials exist in the 3 coils by induction of the variable magnetic flux. r_0 can be obtained by the following formula:

$$r_0(\omega t) = r_B + \frac{1}{1-n} \left[\left(1 + \frac{R_1}{R_2} \right) \Delta r - r_B \right] + \frac{U_3(\omega t)}{H_0(\omega t)} \cdot K_3 \quad (34)$$

where H_0 is the peak value of magnetic field intensity at r_0 . K_3 is a constant, n is a logarithm slope (peak value of magnetic field intensity at any radius r , $H = H_0(r_0/r)^n$ Oersted), R_1 is a fixed resistor, R_2 is a variable resistor, take $r = 1$ cm. During measurement, adjust R_2 to make certain that the reading of $U_3(\omega t)$ on the oscilloscope is

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Principle and instruments for ...

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F050/F004

zero. When R_2 is adjusted to different values to make the instantaneous value of $U_3(\omega t)$ at zero, its phase φ is also different. Different values of r_0 can be obtained with respect to different phases (ωt). In conclusion, the advantages and disadvantages of these three methods are as follows:

Method	Advantage	Disadvantage
Method of minimum electrical field intensity	Convenient in obtaining r_0 by graphing	Difficult in making an accurate measuring disk
Method of graphic solution	<ol style="list-style-type: none"> 1. accurate in the result of measurement 2. when adjustment parameters change, the physical idea is clear 3. simple instrument 4. can be used in the model of magneto 	time for graphing is too long

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C/0026/61/017/007/005/006
F050/F004

Principle and instruments for ...

Method of 3 coils

- | | |
|---|--|
| 1. readily obtains r_0 from the result of measurement | 1. expensive instrument |
| 2. curve of $r_0 \sim$ time change can be obtained | 2. when actual r_0 differs greatly from the designed value, the error of formula is rather large |

There are 14 figures. The English-language reference is: J. A. Rajchman and W. H. Cheny, Jour. Frankl. Inst., 243 (1947), 26.

SUBMITTED: April 26, 1961

Card 6/6

ANAN' YEV, M.G.

New equipment should be available for surgery. Med.prom. no.2:3-6
Ap-Je '55. (MLRA 9:12)

1. Nauchno-issledovatel'skiy institut eksperimental'noy khirurgicheskoy
apparatury i instrumentov Ministerstva zdravookhraneniya SSSR.
(SURGERY, apparatus and instruments,
prod. in Russia)

ANAN'YEV, M.G., kand.med.nauk; GRITS'MAN, Yu.Ya., kand.med.nauk

Work on the development of new surgical instruments and apparatus.

Vest.AMN SSSR 11 no.5:83-86 '56. (MIRA 12:10)

(SURGICAL INSTRUMENTS AND APPARATUS)

ANAN'YEV, M.G.; OZSELEVICH, A.M.

Experimental principles in the creation of new surgical apparatus
and instruments. Khirurgiia 32 no.3:62-68 Mr '56. (MIRA 9:7)

1. Iz Nauchno-issledovatel'skogo instituta eksperimental'noy
khirurgicheskoy apparatury i instrumentov Ministerstva zdрави-
okhraneniya SSSR (dir. M.G.Anan'yev)

(SURGERY, OPERATIVE, apparatus and instruments,
exper. principles in creation of new appar. (Rus))

MINN 144,

ANNEY, M. G.

(Moscow)

"Nuovi strumentari chirurgici" -paper submitted at International Congress on Medicine and Surgery, 1-9 Unh 57, Turin, Italy.

C-3,800,173

ANAN'YEV, M. G.
"Instruments for Tissue Suturing by Tentulum Staples," by
M. G. Anan'yev, N. V. Antoshina, and Yu. Ya Gritsman, Sci-
entific Research Institute of Experimental Surgical Apparatus
and Instruments (director, M. G. Anan'yev). Eksperimental'naya
Khirurgiya, No 1, Jan/Feb 57, pp 28-35

Construction details and experimental and clinical uses of seven
types of staple designed at the Scientific Research Institute of Exper-
imental and Surgical Apparatus and Instruments are reviewed. These seven
staples are used for the following purposes: (1) placing circular sutures
on blood vessels, (2) suturing vessels end to side, (3) single-staple
apparatus for suturing soft tissues, (4) suturing bronchial stump, (5)
ligaturing and suturing blood vessels in the hilum of the lungs, (6) blood
vessel ligature, and (7) apparatus for suturing gastrectomy stump. (U)

AKHIEV, N. G.

New technique in surgery and further prospects for its development 5

Novye khirurgicheskie apparaty i instrumenty i opyt ikh primeneniya (New SURGICAL Equipment and Instruments and Experience in Their Use) NO. 1, Moscow, 1957 A collection of Papers of the Scientific Research Inst. for Experimental Surgical Equipment and Instruments.

NIIEKA, I - Sci Res Inst Exptl. Surgical Equipment & Instrument

AGARIN, N. D., KURAT, Ya. R., GURINA, E. Y., GILSON, I. V.,
DEVITSKAYA, L. A., KASHCHESKAYA, L. A., KONDOTIEVA, N. I.

Electrosleep and electronarcosis 129

Novye khirurgicheskie apparaty i instrumenty i ony ikh primeneniye (New
SURGICAL Equipment and Instruments and Experience in Their Use) NO. 1,
Moscow, 1957 A collection of Papers of the Scientific Research Inst.
for Experimental Surgical Equipment and Instruments.

NIIEK A 1

Anan'yev, M.G.

ANAN'YEV, M.G.; GOLUBEVA, I.V.; GUROVA, Ye.V.; KASHCHEVSKAYA, L.A.;
LEVITSKAYA, L.A.; KHUDYY, Yu.B.

Preliminary data on experimental electronarcosis induced with an
apparatus developed by the Research Institute for Experimental
Surgical Apparatus and Instruments [with summary in English].
Eksper.khir. 2 no.4:3-7 J1-Ag '57. (MIRA 10:11)

1. Iz Nauchno-issledovatel'skogo instituta eksperimental'noy
khirurgicheskoy apparatury i instrumentov (dir. M.G.Anan'yev)
Ministerstva zdavookhraneniya SSSR.
(ELECTRONARCOSIS, exper.
induction with special appar.)

VAYNRIB, Ye.A.; VRID, Ye.A.; MARTYNOV, L.N.; ANAN'YEV, M.G.; MUSHNGYAN, S.A.;
LEVITSKAYA, L.A.

Apparatus for artificial blood circulation. Med.prom. 11 no.2:
50-55 D '57. (MIRA 11:2)

1. Nauchno-issledovatel'skiy institut eksperimental'noy khirurgi-
cheskoy apparatury i instrumentov.
(PERFUSION PUMP (HEART))

ANAN'YEV, M.G.

New surgical methods and prospects for their development. Med. prom.
11 no.3:3-6 Mr '57 (MLRA 10:4)

1. Nauchno-issledovatel'skiy institut eksperimental'noy khirurgicheskoy
apparatury i instrumentov.
(SURGERY)

Anan'yev, M.G.

ANAN'YEV, M.G., prof.

Bloodless surgery. Tekh. mol. 25 no.9:10-12 & '57.
(SURGERY, OPERATIVE)

(MLRA 10:9)

(ULTRASONIC WAVES--THERAPEUTIC USE)

ANAN'YEV, M.G.; PETROVA, N.P.

Modern technical equipment for vascular surgery and prospects for its development. Khirurgiia 33 no.11:99-104 N '57. (MIRA 11:2)

1. Iz Insituta eksperimental'noy khirurgicheskoy apparatury i instrumentov (dir. M.G.Anan'yev) Ministerstva zdravookhraneniya SSSR.

(CARDIOVASCULAR SYSTEM, surg.
modern appar. & instruments (Rus))

PHASE I BOOK EXPLOITATION SOV/5494

Vasil'yev, Mikhail Vasil'yevich, and Sergey Zakharovich Gushcheyev
Reportazh iz XII veka: my zapiski raskazny dvadtsati devyati
Sovetskikh vchenykh o nauke i tekhnike budushchego (Reports
From the Twenty-First Century; Stories of the Future) [Moscow]
Scientists on Science and Engineering of the Future
Izd-vo Sovetskaya Rossiya, 1958. 283 p. 50,000 copies printed.

Ed.: V. A. Golubkova; Tech. Ed.: G. I. Kleyeva.

PURPOSE: This book is intended for the general reader.

COVERAGE: The book contains 27 articles (told reporters by
Soviet scientists) dealing with probable future progress in
physics, chemistry, electricity, metallurgy, engineering,
mining, medicine, biology, agriculture, ocean transportation,
exploration of space, and photography. Attention is given to
automation, automatic underground exploitation of coal, use of
new metals, modernization of oil fields, atomic electric stations,
production of metal parts by the process of explosion, explosions
Card-3/7

Reports From the Twenty-First (Cont.)

SOV/5494

in dam construction, cancer, internal longevity reserves,
machine diagnoses of illness, surgery treatment by ultra-
sonic vibrations, mechanical body substitutes, human body basis,
medical engineering, and the food, superfertilizers, arti-
ficial sun, artificial rain, agriculture, radiochemistry,
robotic arms, film machines doing intellectual work, up auto-
mobiles (with radio motors), "artificial sun" (electromag-
netic wave focused above a city which causes heated molecules
to shine), future ocean ships, railway dreadnoughts, Moscow
of the future, moving pavements, wheelless and driverless auto-
mobiles, electric cameras, the industrialization of Siberia,
use of underground heat, climate control, living on the moon,
antimatter, and photon jet. Names of the interviewed scientists
are given. There are no references.

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Miners Are Breathing Their Last [I. S. Garkunov, Director of
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Tale About Bloodless Surgery [M. G. Anan'yev, Candidate of Medical Sciences, Director of the Institut eksperimental'noy khirurgicheskoy apparatury i instrumenta -- Institute of Experimental Surgical Apparatus and Instruments] 77

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EXC-RPTA MEDICA Sec 9 Vol 13/2 Surgery Feb 59

896. AN INTERIM REPORT ON EXPERIMENTAL ELECTRONARCOSIS EMPLOYING AN APPARATUS PROVIDED BY THE INSTITUTE OF RESEARCH IN EXPERIMENTAL SURGICAL INSTRUMENTS AND APPARATUS (Russian text) - Anan'ev M. G., Golubeva I. V., Gurova E. V., Kashchevskaya L. A., Levitskaya L. A. and Khudvi Yu. B. - EKSPER. KHIR. 1957, 2/4 (3-7)

128 dogs were anaesthetized by means of an apparatus with the following special features: (1) Direct current and rectangular impulses are used simultaneously. (2) Combined tension of impulses is of the order of 37-40 v. and mean strength of current 7.4-13 ma., while the galvanic current remains constant. (3) The subject for electronarcosis is included in the cathode circuit. (4) An electronic device, part of the generator, produces rectangular impulses, the frequency of which can be varied from 1 to 130 cycles per sec. and the duration of which remains under control. (5) Cathode oscillograph provides means of controlling the shape and duration of impulses delivered. (6) An automatic voltage limiter comprising voltage stabilizers and electromechanical relays excludes the animal from the circuit in case of apparatus becoming faulty. (7) An electronic stabilizing device controls the anode voltage of the generator and of the main paths of the current. (8) The amount of current delivered is controlled by means of oscillograph and other components. Electronarcosis occurs in dogs when the current of 100 cycles per sec. is slowly increased. In this way, in 10-15 min. (when 0.9-1 ma. is reached) the onset of sleep takes place. During the following 20 min. the current is increased to 4-5 ma. in order to produce anaesthesia proper. At the beginning of the operation the intensity of the current is slowly raised to 7-13 ma. (impulses of 40 v.). All the time the negative is applied to the frontal and the positive to the occipital area. No automatic or convulsive movements were observed, nor periods of apnoea. The depth of anaesthesia reached allows the performance of laparotomy, amputations and transplantation of limbs, interventions on soft tissues without obvious pain reactions shown by the animal. Absence of any influence of electronarcosis on vital functions of the organism was demonstrated by means of physiological, haematological and biochemical investigations. References 13.

Shanin - Leningrad (S)

ANAN'YEV, M. G., and GRITSMAN, Yu. Ya.

"The use of Tantalum in surgery." Novye khirurgicheskie apparaty i instrumenty i opyt ikh primeneniya, No. 2, 1958, p. 3

17(0)

SOV/177-58-11-1/50

AUTHORS: ~~Anan'yev, M.G.~~, and Fedorov, S.F., Candidates of Medical Sciences

TITLE: Possibilities and Ways of Utilizing Achievements of Chemistry in Medical Practice

PERIODICAL: Voenno-meditsinskiy zhurnal, 1958, Nr 11, pp 3-7 (USSR)

ABSTRACT: The authors report on the success in chemistry with regard to medicine. They stress the importance of plastics in surgery, traumatology and orthopedics and for implantations. At the Tsentral'nyy institut travmatologii i ortopedii (Central Institute of Traumatology and Orthopedics) the preparations AKR-7 and AKR-10 were developed. They are based on methacrylic ~~me-~~thylester and are widely used for making prostheses of the maxilla, the facial skeleton and skull bones. For the plastica of eye-sockets, ear and nose prostheses, plastics EGMIS-12 and AKR-9 are utilized (I. Revzin, V. Marskiy). Some kinds of foam plastics

Card 1/3

SOV/177-58-11-1/50

Possibilities and Ways of Utilizing Achievements of Chemistry in Medical Practice

are used for manufacturing prostheses of extremities, lacteal glands, etc. Many possibilities are given in utilizing fluid plastics for protecting the skin and treating open wounds. The preparations REF-2/10, colloplastics (concentrated colloidal solution of silicon acid sodium salt) are approbated in Soviet clinics for fixing dressings, seizing the skin by dermatomes, etc. The Nauchno-issledovatel'skiy institut eksperimental'noy khirurgicheskoy apparatury i instrumentariya (Scientific-Research Institute of Experimental Surgical Apparatus and Instruments) (NII EKHAII) uses acrylates of the new marks 1-53, 2-55 and ST-2a for manufacturing prostheses of big joints. These acrylates endure sterilization and mechanical treatment very well. A.A. Vishnevskiy, Ye.N. Meshalkin, M.M. Dunayevskiy and D.K. Yazykov of the Scientific-Research Institute for Experimental Surgical Apparatus and Instruments are

Card 2/3

VISHNEVSKIY, A.A., ANAN'YEV, M.G.

Artificial blood circulation and prospects of its use. Eksper.
khir. 3 no.3:3-9 My-Je '58 (MIRA 11:8)
(HEART, artif.
extracorporeal circ. in direct vision heart surg. (Rus))

ANAN'YEV, M.G., MUSHEGYAN, S.A., LEVITSKAYA, L.A., VAYNRIB, Ye.A., FRID, Ye.A.
KOZLOV, Yu.A., MARTYHOV, L.N.

Apparatus for artificial blood circulation made by the Scientific
Research Institute for Experimental Surgical Apparatus and Instruments
and results of experimental use [with summary in English]. Eksper.
khir. 3 no.3:25-31 My-Je '58 (MIRA 11:8)

1. Iz Nauchno-issledovatel'skogo instituta eksperimental'noy
khirurgicheskoy apparatury i instrumentov (dir. M.G. Anan'yev)
Ministerstva zdravookhraneniya SSSR.
(HEART, artif.
extracorporeal circ., in dogs (Rus))

ANAN'YEV, M.G.; YASHIN, V.N.

Hydrophobic silicon organic substances in surgery. Med.prom.
12 no.3:34-37 Mr '58. (MIRA 11:4)

1. Nauchno-issledovatel'skiy institut eksperimental'noy
khirurgicheskoy apparatury i instrumentov.
(SILICON ORGANIC COMPOUNDS) (SURGICAL INSTRUMENTS AND APPARATUS)

ANAN'YEV, M.G.

Apparatus and instruments in modern anesthesiology. Med.prom.
12 no.9:22-26 S'58 (MIRA 11:10)

1. Nauchno-issledovatel'skiy institut eksperimental'noy khirurgi-
cheskoy apparatury.i instrumentov.
(ANESTHESIOLOGY---EQUIPMENT AND SUPPLIES)

ANAN'YEV, M.G., DERYABINA, V.I., KONNERT, V.S.

Some problems in the development of the medical supplies industry:
Med.prom. 12, no.11:6-10 N '58 (MIRA 11:12)
(MEDICAL INSTRUMENTS AND APPARATUS)

~~ANAN'YEV, M.G.,~~ kand.med.nauk., DERYABINA, V.L., kand.med.nauk

Medical equipment and public health. Sov.zdrav. 17 no.10
10-15 0 '58 (MIRA 11:11)

1. Iz nauchno-issledovatel'skogo instituta eksperimental'noy
khirurgicheskoy apparatury i instrumentov (dir. M.G. Anan'yev).
(SURGERY, OPERATIVE, appar. & instruments
advances (Rus))

ANAN'YEV, M.G.; GESELEVICH, A.M.

Prospects for developing the technical equipment for chest surgery. Grud. khir. 1 no.4:3-6 J1-Ag '59. (MIRA 15:3)

1. Iz Nauchno-issledovatel'skogo instituta eksperimental'noy khirurgicheskoy apparatury i instrumentov Ministerstva zdravookhraneniya SSSR. Adres avtorov: Moskva, Fabrichnaya liniya, d.6, Vsesoyuznyy nauchno-issledovatel'skiy institut eksperimental'noy khirurgicheskoy apparatury i instrumentov.

(CHEST—SURGERY)

(SURGICAL INSTRUMENTS AND APPARATUS)

ANAN'YEV, M.G.; VAYNRIB, Ye.A.; VISHNEVSEIY, A.A.; KOZLOV, Yu.G.; LEVITSKAYA, L.A.; MARTYNOV, L.N.; MUSHEGYAN, S.A.; FRID, Ye.A.

Improvement of the artificial heart apparatus designed by the Scientific Research Institute of Experimental Surgical Apparatus and Instruments. Eksper.khir. 4 no.5:3-8 S-O '59. (MIRA 13:1)

1. Iz Nauchno-issledovatel'skogo instituta eksperimental'noy khirurgicheskoy apparatury i instrumentov (dir. M.G. Anan'yev) i Instituta khirurgii imeni A.V. Vishnevskogo (dir. - deystvitel'nyy chlen AMN SSSR A.A. Vishnevskiy) AMN SSSR.

(HEART, MECHANICAL, equipment and supplies)

ANAN'YEV, M.G.; VISHNEVSKIY, A.A.; SOKOLOV, M.M.; KOSTYLEVA, S.G.

Rotary bed for the treatment and management of burns. *Khirurgiya*
35 no.2:129-131 F '59. (MIRA 12:5)

Iz Nauchno-issledovatel'skogo instituta eksperimental'noy
khirurgicheskoy apparatury i instrumentov (dir. - dots.
M.G.Anan'yev) i Instituta khirurgii imeni A.V.Vishnevskogo
AMN SSSR (dir. - deystvitel'nyy chlen AMN SSSR prof. A.A.
Vishnevskiy).

(BURNS, ther.

Stryker frame for ther. & management of
burn (Rus))

ANAN'YEV, M.G.; ANTOSHINA, N.V. (Moskva)

Medical equipment in 1959-1965. Klin.med. 37 no.8:14-19
Ag '59. (MIRA 12:11)

1. Iz Moskovskogo nauchno-issledovatel'skogo instituta eksperimental'-
noy khirurgicheskoy apparatury i instrumentov Ministerstva
zdravookhraneniya SSSR (dir. M.G.Anan'yev).
(MEDICINE)

ANAN'YEV, Mikhail Gerasimovich; STAROSTENKOVA, M.M., red.; ATROSHCHENKO,
L.Ye., tekhn.red.

[New equipment in medicine] Novaia tekhnika v meditsine. Moskva,
Izd-vo "Znanie," 1960. 39 p. (Vsesoiuznoe obshchestvo po raspro-
straneniю politicheskikh i nauchnykh znani. Ser.8, Biologiya i
meditsina, no.5). (MIRA 13:3)

(MEDICAL INSTRUMENTS AND APPARATUS)

VAYNRIB, Ye.A.; MARTYNOV, L.N.; FRID, Ye.A.; KOZLOV, Yu.G.; ANAN'YEV, M.G.;
MUSHEGYAN, S.A.; LEVITSKAYA, L.A.

Apparatus for artificial blood circulation. Med.prom. 14 no.11:40-45
N '60. (MIRA 13:11)

1. Nauchno-issledovatel'skiy institut eksperimental'noy khirurgicheskoy
apparatury i instrumentov.

(BLOOD--CIRCULATION, ARTIFICIAL)

(MEDICAL INSTRUMENTS AND APPARATUS)

ANAN'YEV, M.G.

New medical technology. Med.sestra 19 no.8:25-30 Ag '60.
(MIRA 13:7)

1. Direktor nauchno-issledovatel'skogo instituta eksperimental'-
noy khirurgicheskoy apparatury i insturmentov.
(MEDICAL INSTRUMENTS AND APPARATUS)

ANAN'YEV, M.G.

Questionnaire on surgical instruments. Sov. med. 24 no. 5:155-156
My '60. (MIRA 13:10)

1. Direktor Nauchno-issledovatel'skogo instituta eksperimental'-
noy khirurgicheskoy apparatury i instrumentov.
(SURGICAL INSTRUMENTS AND APPARATUS)

ANAN'YEV, M.G.

Heart responds to the voice of electricity. Tekh.mol. 28 no.10:26-
28 '60. (MIRA 13:10)
(Cardiac resuscitation) (Electrotherapeutics)

ANAN'YEV, M.G.; GRITSMAN, Yu.Ya.

Introducing into industry and medical practice surgical apparatus developed at the Research Institute for Experimental Surgical Apparatus and Instruments. Trudy NIIKHAI no.5:7-16 '61.
(MIRA 15:8)

1. Nauchno-issledovatel'skiy institut eksperimental'noy khirurgi-cheskoy apparatury i instrumentov.
(SURGICAL INSTRUMENTS AND APPARATUS)

ANAN'YEV, M.G.; VAYNRIB, Ye.A.; KOZLOV, Yu.G.; LEVITSKAYA, L.A.; MARTYNOV,
L.N.; MUSHEGYAN, S.A.; FRID, Ye.A.

Improved apparatus for artificial blood circulation (the AIK of 1959)
and new data on its use. Trudy NIIKHAI no.5:113-118 '61.

(MIRA 15:8)

1. Nauchno-issledovatel'skiy institut eksperimental'noy khirurgi-
cheskoy apparatury i instrumentov.

(PERFUSION PUMP (HEART))

ANAN'YEV, M.G.; VAYNRIB, Ye.A.; GORBOVITSKIY, Ye.B.; KOZLOV, Yu.G.;
KASHCHEVSKAYA, L.A.; LEVITSKAYA, L.A.; GOL'DINA, B.G.; SUPKO,
N.S.; IVANOVA, L.N.; UNIK, V.I.

"Artificial kidney" apparatus built by the Research Institute for
Experimental Surgical Apparatus and Instruments and the results of
using it in an experiment. Trudy NIIKHAI no.5:168-173 '61.

(MIRA 15:8)

1. Nauchno-issledovatel'skiy institut eksperimental'noy khirurgi-
cheskoy apparatury i instrumentov.

(ARTIFICIAL KIDNEY)

ANAN'YEV, M.G.; ANTOSHINA, N.V.

Fourth meeting of the Scientific Research Institute for Experimental
Surgical Apparatus and Instruments. Med. prom. 15 no.3:59-63 Mr
'61. (MIRA 14:5)

(SURGICAL INSTRUMENTS AND APPARATUS)

ANAN'YEV, M.G. (Moskva)

Technology in medicine. Sov. zdrav. 20 no.8:13-19 '61.

(MIRA 15:1)

1. Direktor Nauchno-issledovatel'skogo instituta eksperimental'noy
khirurgicheskoy apparatury i instrumentov Ministerstva zdravookhraneniya
SSSR (NIIEKhai).

(MEDICAL INSTRUMENTS AND APPARATUS)

ANAN'YEV, M.G.; EUBROV, B.S.; GESELEVICH, A.M.; LIPOVETSKIY, G.S.;
NESTERENKO, A.G.

Operating room on the MI-4 helicopter. Sov. zdrav. 20 no.8:89-90
'61. (MIRA 15:1)

(AERONAUTICS IN MEDICINE)

ANAN'YEV, M.G.

Some impressions from visiting medical institutions in the U.S.A.
and Holland. Med. prom. 16 no.3:59-61 Mr '62. (MIRA 15:5)

1. Nauchno-issledovatel'skiy institut eksperimental'noy khirurgicheskoy
apparatury i instrumentov.

(UNITED STATES--MEDICINE)

(NETHERLANDS--MEDICINE)

ANAN'YEV, M.G.; GORBOVITSKIY, Ye.B.; KOZLOV, Yu.G.; GOL'DINA, B.G.;
KASHCHEVSKAYA, L.A.; LEVITSKAYA, L.A.; IVANOVA, L.N.; SUPKO,
N.S.; TKACHENKO, A.S.; UNIK, V.I.

Study of and experience in the use of the Soviet artificial
kidney apparatus. Sov.med. 26 no.7:15-20 J1 '62. (MIRA 15:11)

1. Iz Nauchno-issledovatel'skogo instituta eksperimental'noy
khirurgicheskoy apparatury i instrumentov (dir. M.G.Anan'yev).
(KIDNEYS, ARTIFICIAL)

ANAN'YEV, M.G. (Moskva A-95, Novoslobodskaya ul., d.57/55, kv.18 :
BEREZIK, I.P.

Operating room with high atmospheric pressure; a survey of
the literature. Grud. khir. 6 no.6:93-98 M-D '64.

(MIRA 18:7)

1. Nauchno-issledovatel'skiy institut eksperimental'noy khirurgicheskoy apparatury in instrumentov (direktor: M.G. Anan'yev),
Moskva.

ANAN'YEV, M.G.; BEREZIN, I.P.; SHCHUPAKOV, E.N.; KOPYLOV, V.I.

Surgery performed in an operating room under increased atmospheric pressure. Eksper. khir. i anest. 9 no.3:14-18 My-Je '64.

(MIRA 18:3)

1. Nauchno-issledovatel'skiy institut eksperimental'noy khirurgicheskoy apparatury i instrumentov (dir. M.G. Anan'yev) i Vsesoyuznyy tsentral'nyy nauchno-issledovatel'skiy institut okhrany truda (dir. M.Ye. TSutskov) Vsesoyuznogo tsentral'nogo soveta professionalnykh soyuzov, Moskva.

ANAN'YEV, M.; PEREPELKIN, V.

Spare parts for the human organism?...Yes, they are polymers in
medicine. Tekh.mol. 31 no.4:28-29 '63. (MIRA 16:6)

1. Direktor Nauchno-issledovatel'skogo instituta eksperimental'noy
khirurgicheskoy apparatury i instrumentov (for Anan'yev).
2. Glavnyy khimik po polimeram Ministerstva zdravookhraneniya
SSSR (for Perepelkin).

(PLASTICS IN MEDICINE)

L 4170-66 EWT(d)/EWP(1) IJP(c) BB/G3

ACC NR: AP5025735

SOURCE CODE: UR/0286/65/000/018/0087/0087

INVENTOR: Anan'yev, M. I.; Fil'tser, I. G.

ORG: none

TITLE: High-speed flip-flop. Class 42, No. 174830.

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 18, 1965, 87

TOPIC TAGS: flip flop circuit, computer switching, transistorized circuit

ABSTRACT: Designed to perform counting operations, the proposed high-speed flip-flop employs inductances in the transistor collectors as temporary storage; (see Fig. 1).

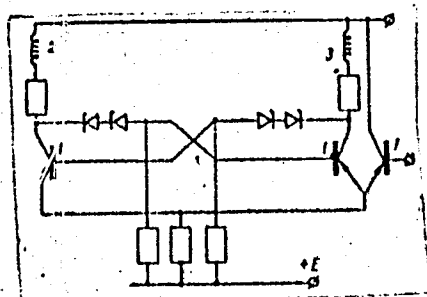


Fig. 1. High-speed flip-flop

1 - Transistors; 2 and 3 - inductances.

Orig. art. has: 1 figure.

Card 1/2

UTC: 681.142.67

[DW]

1 41.20-66

ACC NR: AP5025735

SUB CODE: EC, DP/ SUBM DATE: 19Jun64/ ORIG REF: 000/ OTH REF: 000/ ATD PRESS:

4129

Card 2/2 *Mid*

REF.

.R93044

VELIKAYA STROYKA KOMBUNIZMA NA DNEPRE (YUZHNO-UKRAINSKIY I SEVEROCHERNOMORSKIY
KANALY) MOSKVA, IZD-VO ZNANIYE, 1952. 20 P. ILLUS., 1 MAP (VSESOYUZNOYE
OBSHCHESTVO PO RASPROSTRANENIYU POLITICHESKIKH I NAUCHNYKH ZNANIY. 1952,
SERIYA 3, NO. 40)

ANAN'YEV, M. N.

"Integrated development of water resources of the Tigris and Euphrates river basins"

report to be submitted for the United Nations Conference on the Application of Science and Technology for the Benefit of the Less Developed Areas - Geneva, Switzerland, 4-20 Feb 63.

ANALYEV, N.

PA 33/49152

USSR/Engineering
Ships, Repair
Harbors

Nov 48

"Reconditioning and Development of Seaports and
Ship Repair Enterprises in the Fourth Five-Year
Plan," N. Anan'yev, Eng'r, 3 1/2 pp

"Morskoy Flot" Vol VIII, No 11

Describes capital to be expended on construction
during Fourth Five-Year Plan. Lists important
building projects to be completed soon. Housing
appears to head the list. Stresses need for
using advanced techniques at reconstructed and

33/49152

USSR/Engineering (Contd)

Nov 48

newly built ports. Notes several shipbuilding
enterprises.

33/49152

[A.]
ANAN'YEV, N., inshener.

Equipping harbors and docks for maximum transportation of consumers'
goods. Mor.1 rech.flot 13 no.8:8-9 D '53. (MLRA 6:12)
(Harbors)

AMANTOV, N. A.

"Wharves on Open Seacoast." Cand Tech Sci, Moscow Construction Engineering Inst,
Min Higher Education, Moscow, 1954. (KL, No 2, Jan 55)

Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational
SO: Sum. No 58, 29 Jul 55

ANAN'YEV, N.

Wharves constructed along open seacoasts. Mor. flot 18 no. 7:11-12
Jl '58. (MIRA 11:7)

1. Starshiy inzhener otдела transporta i svyazi Gosplana SSSR.
(Wharves)

ANAN'YEV, N. A.

Dispensaries

Certain problems involved in dispensary services. Sov. zdav. 11 no. 3, 1952.

Monthly List of Russian Accessions, Library of Congress, September 1952. Unclassified.

ANAN'YEV, N. A.

"The Basic Stages in the Development of Sanitation and Hygiene
in the USSR." Dr Med Sci, Ryazan Medical Inst imeni I. P. Pavlov,
Ryazan, 1953. (KL, No 12, Mar 55)

SO: Sum. No. 670, 29 Sep 55—Survey of Scientific and Technical
Dissertations Defended at USSR Higher Educational Institutions (15)

ANAN'YEV, N.A.

A.P.Dobroslavin. Gig.1 san. no.11:40-44 N '53.

(MLRA 6:10)

1. Ryazanskiy meditsinskiy institut im. I.P.Pavlova.
(Dobroslavin, Aleksei Petrovich, 1842-1889)

ANAN'YEV, N.A.

Plasma transfusion in Botkin's disease. Klin. med., Moskva 31 no.4:
58-60 Apr 1953. (CINL 24:4)

1. Of the Republic Hospital for Mari ASSR, Yoshkar-ola.

ANAN'YEV, N.A. (Yoshkar-Ola).

Plasma transfusion in infectious hepatitis. Klin.med. 34 no.4:58-60 Ap
'53. (MLRA 6:7)

1. Respublikanskaya bol'nitsa Mariyskoy ASSR.
(Hepatitis, Infectious) (Blood--Transfusion)

ANAN'YEV, N. A.

Sanitation and Hygiene

Dissertation: "Basic Stages in the Development of Sanitation and Hygiene in the USSR"
Dr Med Sci, Acad Med Sci USSR, 12 Mar 54. (Vechernyaya Moskva, 1 Mar 54).

SO: SUM,213 20 Sep 1954

ANAN'YEV, N.A.

Electroencephalographic changes in perception and imagination.

Uch.zap.Len. un no.185:168-180 '54. (MLRA 8:10)

(Encephalography) (Space perception) (Thought and thinking)

Name: ANAN'YEV, Nikolay Alekseyevich

Dissertation: Basic stages of development of sanitation and hygiene in the USSR

Degree: Doc Med Sci

Affiliation: Ryazan' Med Inst imeni Pavlov

Defense Date, Place: 24 Feb⁵⁶, Council of Department of Hygiene, Microbiology, and Epidemiology, Acad of Med Sci USSR

Certification Date: 10 Nov 57

Source: BMVO 24/57

ANIAN' YEV, N.A.

Intraosseal anesthesia. Ortop., travm. protez. 17 no.5:70 S-O '56.
(MIRA 10:1)

1. Iz Respublikanskoy bol'nitsy (ispolnyayushchiy obyazannosti
glavnogo vracha - I.A.Kleyman) Chuvashskoy ASSR.
(LOCAL ANESTHESIA)

ANAN'YEV, N.A.

Arthrodesis of the ankle joint with a tree-flange nail. Ortop.travm.
i protez. 17 no.6:63 N-D '56. (MLRA 10:2)

1. Iz 1-y gorodskoy bol'nitsy goroda Gheboksary (ispolnyayushchiy
obyazannosti glavnogo vracha - I.A.Kleyman)
(ANKLE--SURGERY)

ANAN'YEV, N.A. (Cheboksary)

Filling bone cavities with a dry serum and penicillin mixture.

Ortop.travm. i protes. 17 no.6:89-90 N-D '56. (MLRA 10:2)

(BONES--SURGERY) (PENICILLIN) (SERUM)

ANAN'YEV, N.A.; SIMONOV, P.K.

[Public health system in Ryazan Province; November 1917-November 1957]
Zdravookhranenie Riazanskoi oblasti; noiabr' 1917-noiabr' 1957 gg.
Riazan', Priokskaya pravda, 1957. 110 p. (MIRA 14:7)
(RYAZAN PROVINCE—PUBLIC HEALTH)

Ананьев, Н.А.
ANAN'YEV, N.A. (Ryazan')

Theory and organization of Soviet public health. 0ig. 1 san.
22 no.12:57-60 D '57 (MIRA 11:3)
(PUBLIC HEALTH
in Russia (Rus)

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