ARTEM'YEV, N. I.; ONEGIN, V. I.

Dynamics of trachoma in the Astrakhan region during 50 years.
Vest. oft., Moskva 30 no.3:25-27 May-June 1951. (CIML 21:1)

1. Prof. Artem'yev; Superintending Physician V. I. Onegin.
2. Of the Eye Clinic (Director -- Prof. N. I. Artem'yev), Astrakhan' Medical Institute.

ARTEM'YEV, N.I.

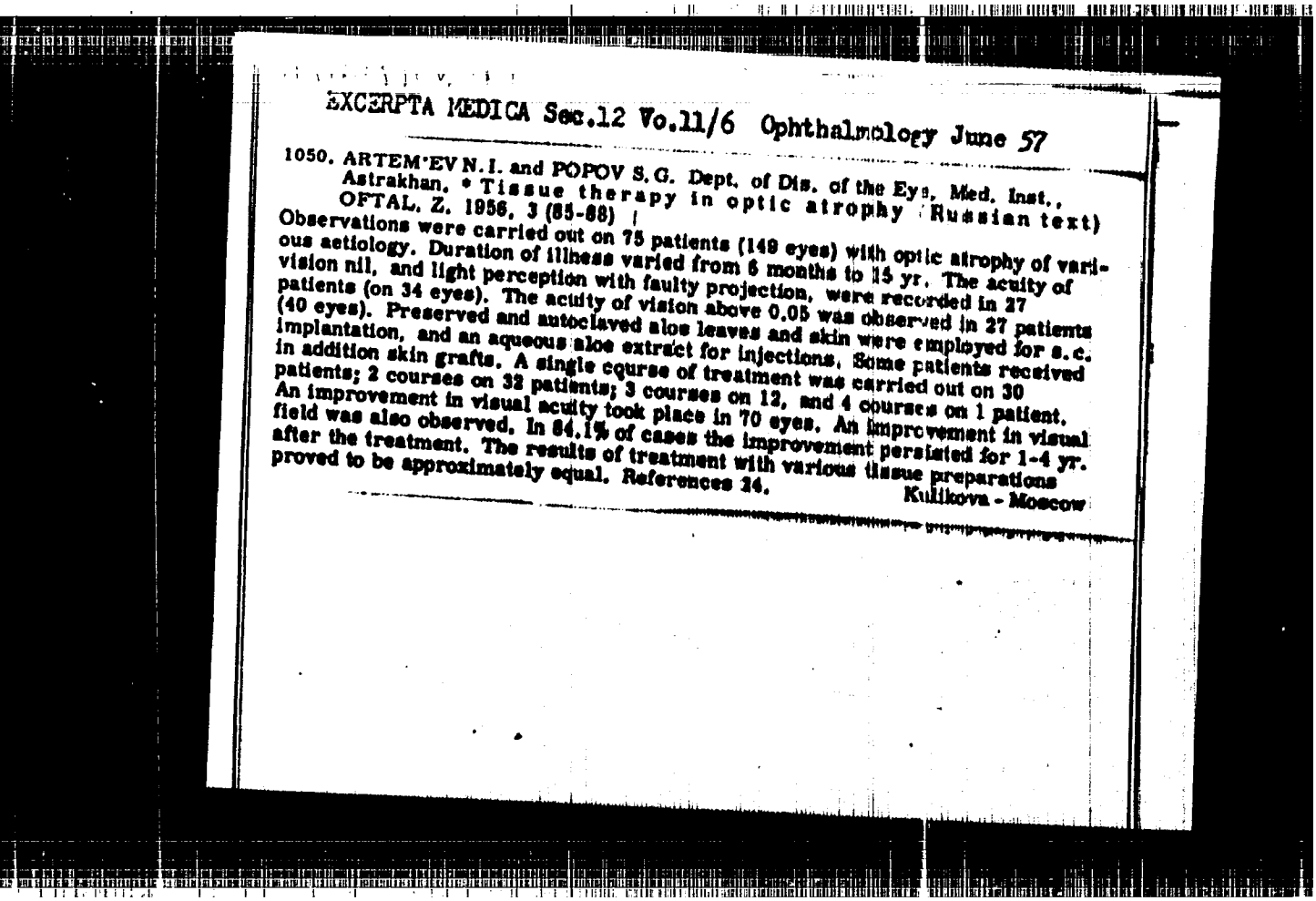
Problem origin of myopia. Vest. oft., Moskva 31 no. 5:18-21 Sept-Oct 1952. (CIML 23:3)

1. Professor. 2. Of the Eye Clinic, Astrakhan' Medical Institute.

ARTEM'YEV, N.I.; SINENKOVA, Ye.V.

Tissue therapy of cancer of the eyelids. Vest. oft., Moskva 33 no.1:30-33 Jan-Feb 1954. (CLML 25:5)

1. Professor for Artem'yev; Senior Laboratory Worker for Sinenkova. 2. Of the Eye Clinic of Astrakhan' Medical Institute.



EXCERPTA MEDICA Sec.12 Vo.11/6 Ophthalmology June 57

1050. ARTEM'EV N.I. and POPOV S.G. Dept. of Dis. of the Eye, Med. Inst., Astrakhan. * Tissue therapy in optic atrophy (Russian text) OFTAL. Z. 1956, 3 (85-88)

Observations were carried out on 75 patients (149 eyes) with optic atrophy of various aetiology. Duration of illness varied from 6 months to 15 yr. The acuity of vision nil, and light perception with faulty projection, were recorded in 27 patients (on 34 eyes). The acuity of vision above 0.05 was observed in 27 patients (40 eyes). Preserved and autoclaved aloe leaves and skin were employed for s.c. implantation, and an aqueous aloe extract for injections. Some patients received in addition skin grafts. A single course of treatment was carried out on 30 patients; 2 courses on 32 patients; 3 courses on 12, and 4 courses on 1 patient. An improvement in visual acuity took place in 70 eyes. An improvement in visual field was also observed. In 84.1% of cases the improvement persisted for 1-4 yr. after the treatment. The results of treatment with various tissue preparations proved to be approximately equal. References 24.

Kulikova - Moscow

ARTEM'YEV, V.I., prof.; SINENKOVA, Ye.V.

Histological examination of eyes enucleated for absolute glaucoma. Vest.oft. 70 no.5:45-49 S-O '57. (MIRA 12:6)

1. Kafedra glaznykh bolezney Astrakhanskogo meditsinskogo instituta.

(GLAUCOMA, pathol.
histol. exam. of eyeballs enucleated for absolute glaucoma)

ARTEM'YEV, N.I., prof.; KOLEGANOVA, Z.K., klin. ordinator

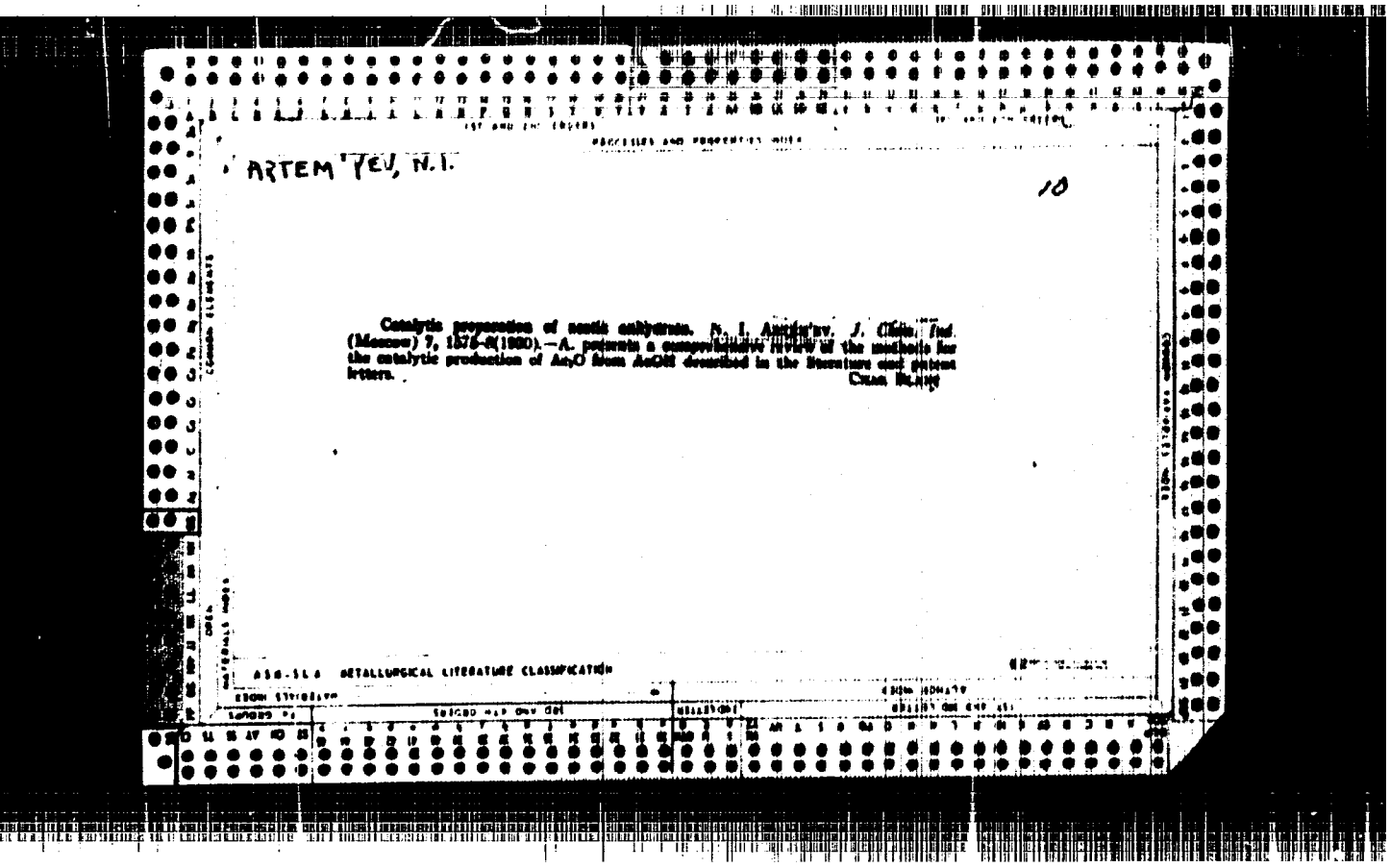
Elastotonometric examinations of eyes not affected by glaucoma.
Oft. zhur. 14 no.1:28-33 '59. (MIRA 12:6)

1. Kafedra glaznykh bolezney (zav. - prof. N.I. Artem'yev) Astrakhanskogo meditsinskogo instituta.
(EYE--EXAMINATION)

ARTEM'YEV, N.I.

Use of vitamin B_6 in the chemotherapy of pulmonary tuberculosis. Sov. med. 27 no.8:77-80 Ag '64. (MIRA 18:3)

1. Sanatoriy imeni Gertsena (glavnyy vrach S.A. Shubin, nauchnyy rukovoditel' raboty - prof. A.Ye. Rabukhin).

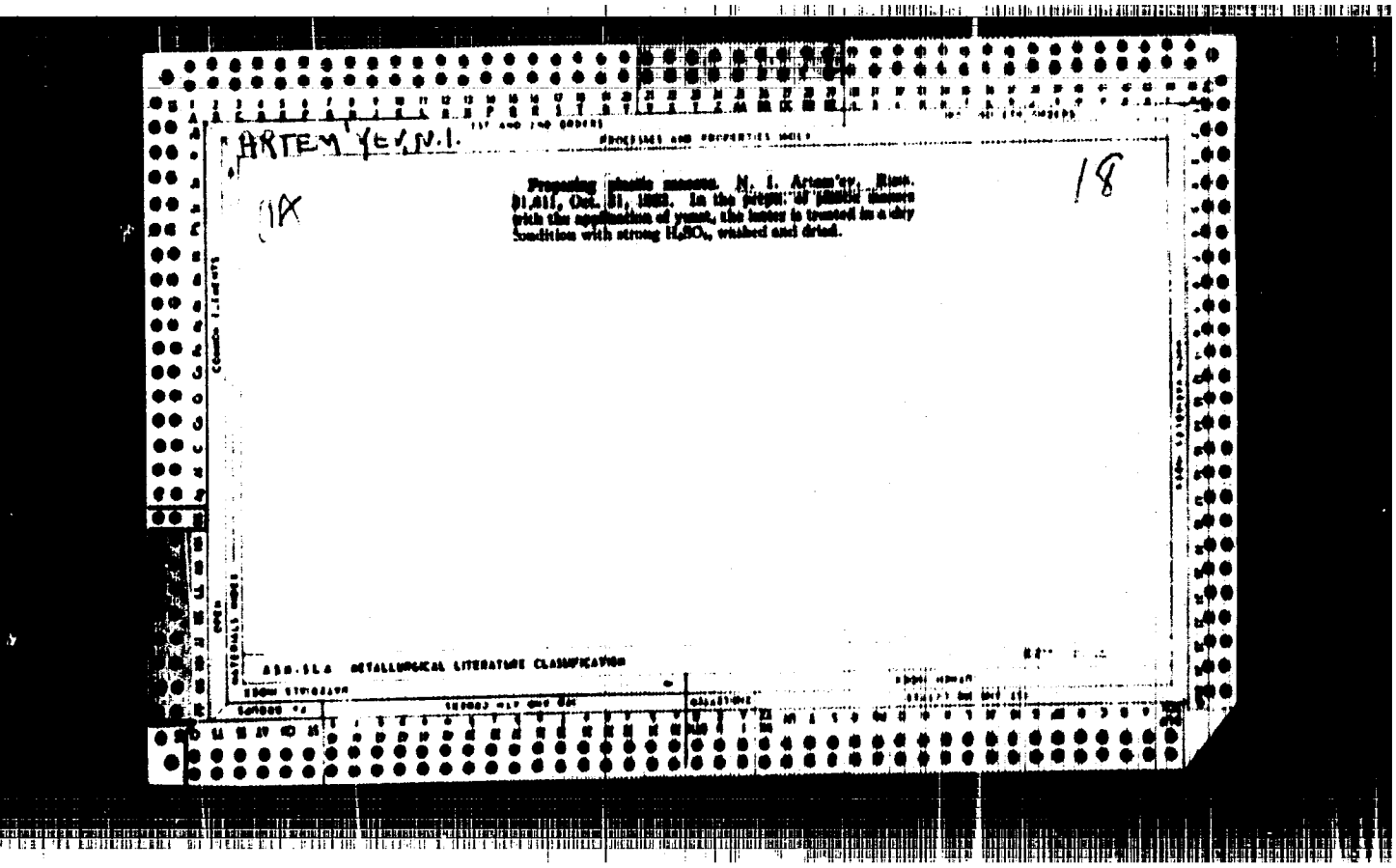


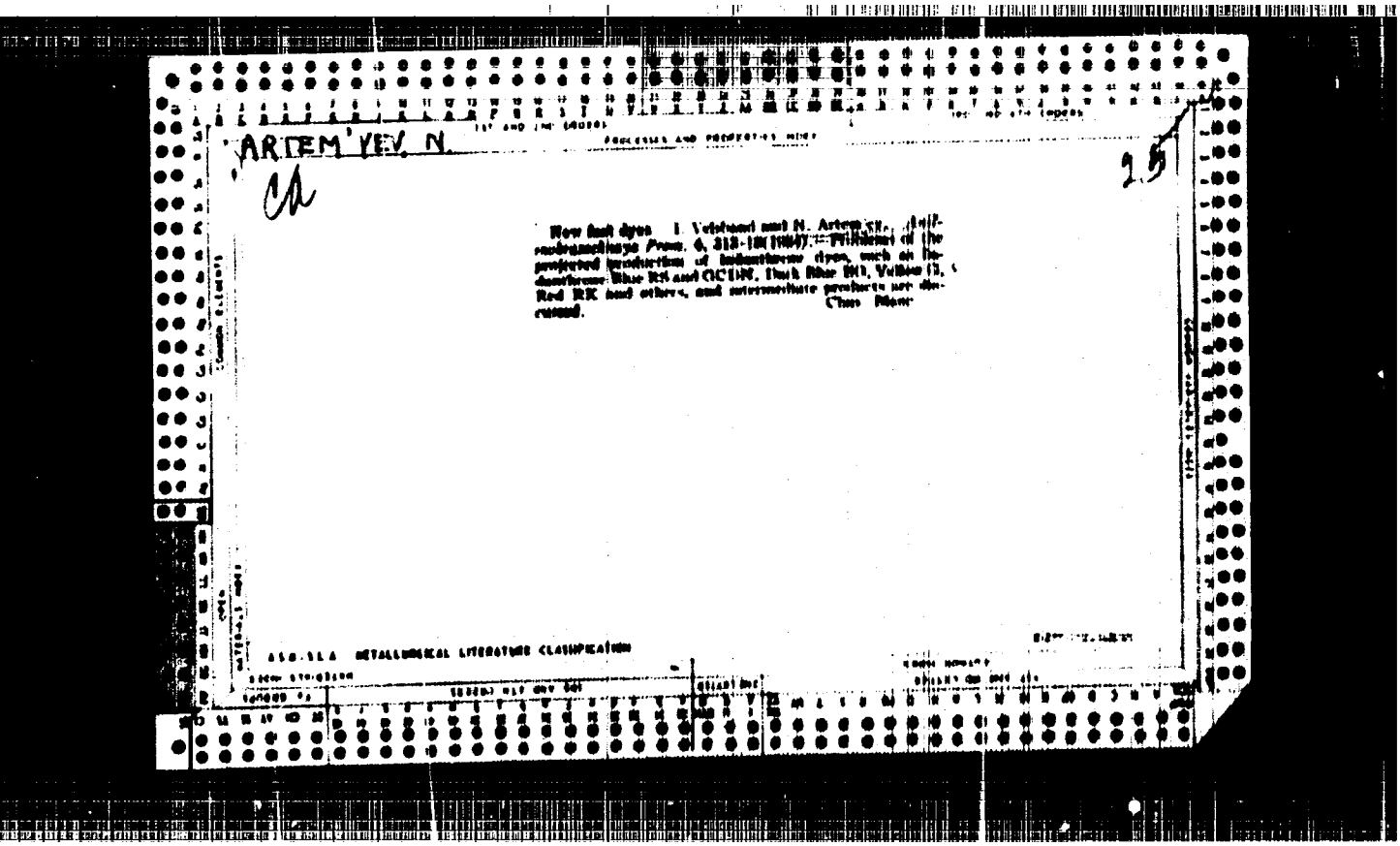
ARTEM'YEV, N. I.

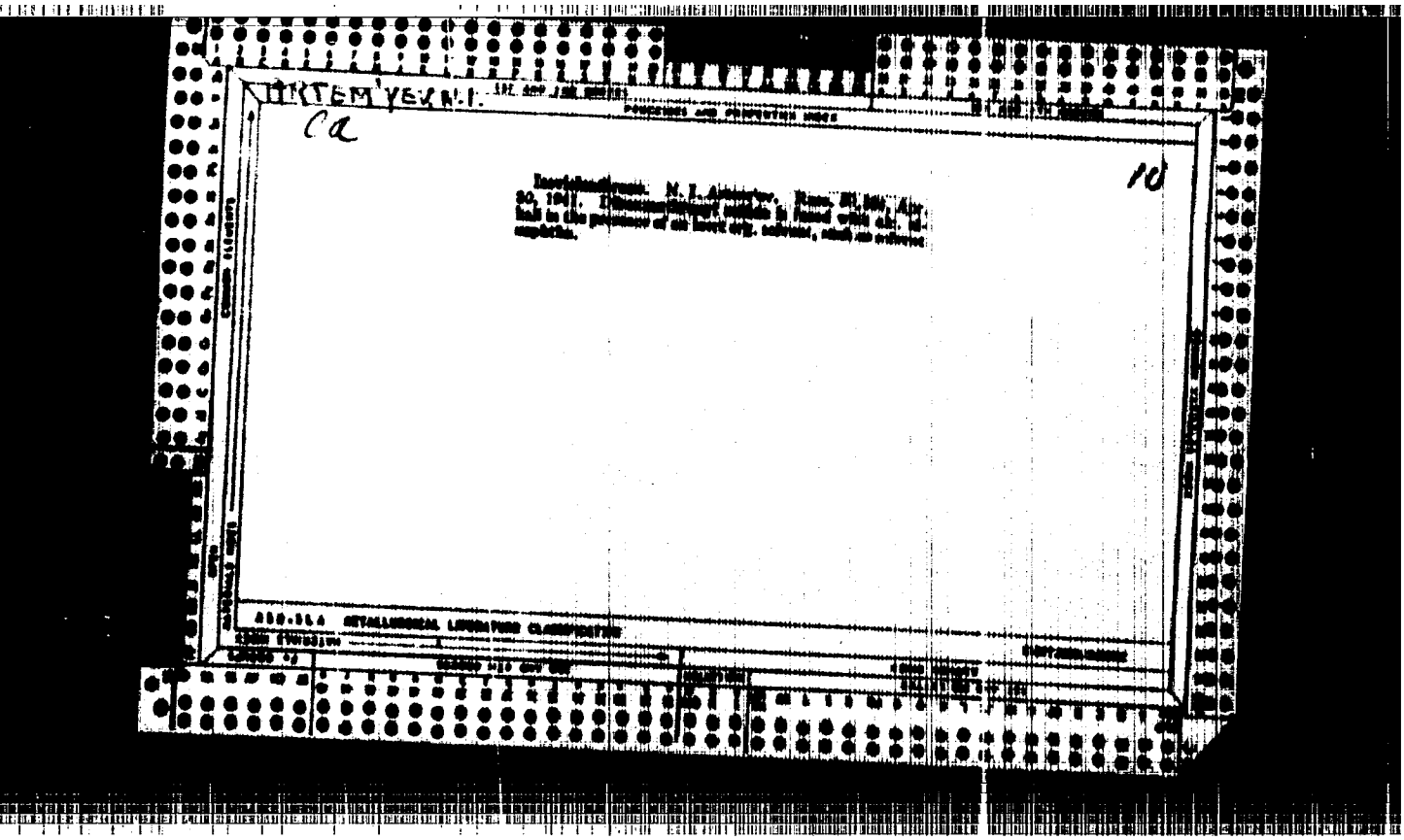
10

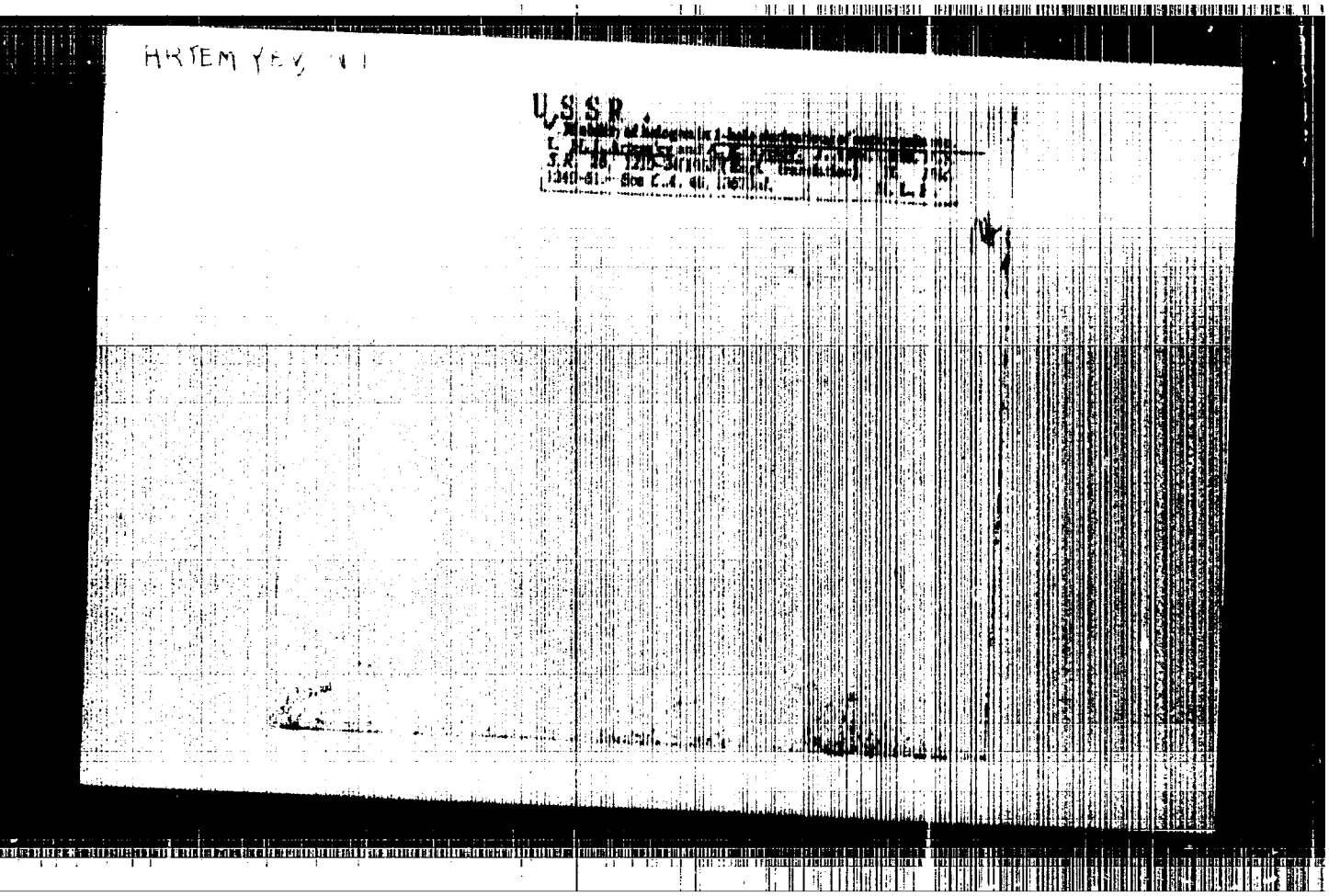
Catalytic preparation of acetic anhydride. N. I. Artem'yev. *J. Chim. Ind.* (Moscow) 7, 1378-9(1930).—A. presents a comprehensive review of the methods for the catalytic production of Ac_2O from AcOH described in the literature and patent letters.

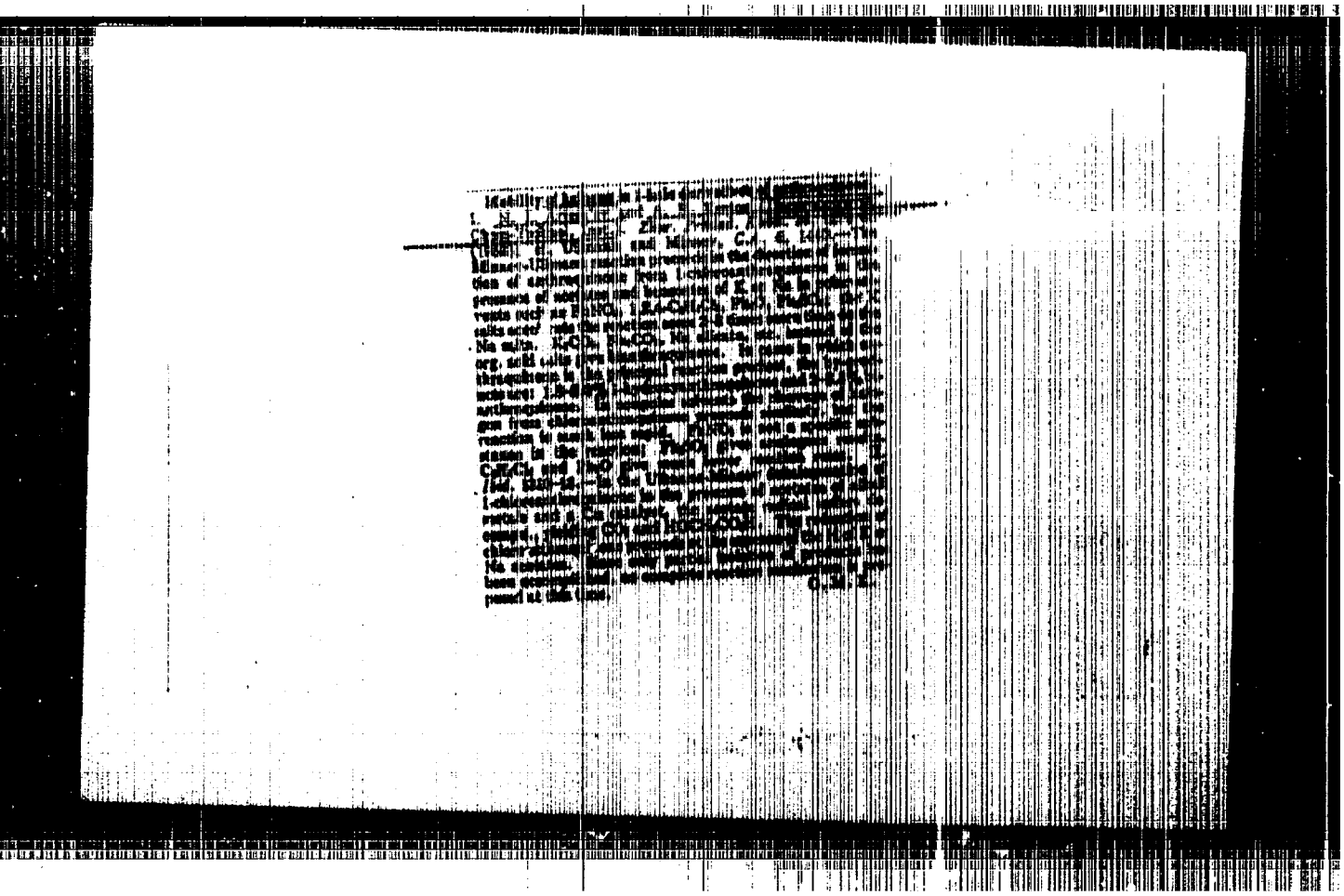
Chem. Abstr.











ARTEM'YEV, M.I.; KRETOV, A.Ye.

Chemism of dehalogenation in the series of 1-halogen derivatives of anthraquinone. Zhur.prikl.khim. 26 no.12:1310-1313 D '53. (MLRA 6:11)

1. Kafedra organicheskoy khimii Dnepropetrovskogo khimiko-tekhnologicheskogo instituta. (Anthraquinone) (Halogenation)

USSR/Electronics - Television, Iconoscope May 52

"Soviet Priority on TV Transmitting Tube of Superorthicon Type," N. L. Artem'yev, V. L. Gerus, G. Petrenko

"Zhur Tekh Fiz" Vol XXII, No 5, pp 890, 891

After the invention of the 1st iconoscope by S. I. Katayev and improvements by P. V. Timofeyev and P. V. Shmakov and after the invention of secondary electron multipliers by L. A. Kubetskiy, a new achievement was the supersensitive superorthicon, which described in the US without reference to the

222T23

inventor G. V. Braude (cf. Certificate 55712, "Sbornik Izobreteniy SSSR" (Collection of Inventions of the USSR) No 9, 1939. Letter to the editor, received 20 Feb 52.

ARTEM'YEV, N. L.

222T23

Category : USSR/Electronics - Cathode Ray Tubes

K-6

Abs Jour : Ref Zhur - Fizika, No 2, 1957, No 4304

Author : Artem'ev, N.L., Sokolov, V.K., Temiryazeva, S.K.
Title : Television Transmitting Tube with Photoresistance

Orig Pub : Radiotekhnika i elektronika, 1956, 1, No 2, 245-252

Abstract : Description of the arrangement, of the principle of operation, and of the characteristics of a transmitting television tube with photoresistance (vidicon) -- LI-18, operating with fast electrons. The procedure is analyzed for the choice of the operating conditions so as to insure optimum parameters. Bibliography, 8 titles.

Card : 1/1

SOV/112-59-4-7784

Translation from: Referativnyy zhurnal. Elektrotekhnika, 1959, Nr 4, P 194 (USSR)

AUTHOR: Artem'yev, N. L., Sokolov, V. K., and Pokhsd, N. V.

TITLE: Investigating the Persistence of TV Camera Tubes Having Photoconducting Targets

PERIODICAL: Tekhnika kino i televideniya, 1957, Nr 10, pp 32-37

ABSTRACT: Persistence of vidicons is determined by two processes: (1) the sluggish rise and fall of photoconductivity; (2) the sluggish establishment of equilibrium potentials when target illumination varies. The second process is the determining one. The persistence can be conveniently characterised by a decrease in definition when moving objects are transmitted. In measuring the persistence, the velocity of movement of the object projection in the photolayer plane was set at 3 mm/sec. The persistence of the tubes with various targets, for various lighting and electrical conditions, is evaluated. The persistence decreases with the increase in the photoresistor layer thickness and the current

Card 1/2

Investigating the Persistence of TV Camera Tubes Having Photoconducting Targets

in the switching beam. Illumination has an effect on the persistence only within 0-20 lx. Variation of signal-plate voltage has a very pronounced effect; the value of this voltage between 10 and 60 v should be considered as the optimum (the voltage is measured with respect to the anode for fast electrons and with respect to the cathode for slow electrons). Target material has an effect on the persistence; LI18 tubes with the target from Sb_2S_3 have a higher persistence than tubes with Se target. To reduce this persistence, it is recommended that the time constant of the target material be cut, the target working voltage be lowered, the beam current be raised, and the secondary-emission coefficient for the target be increased.

I.K.M.

Card 2/2

ARTEMYEV, N. L.

N. L. Artemyev and G. V. Braude - "The Photo-conductive Target of Photo-resistance Television Transmitting Tubes."

Authors' Certificates, Elektrosvyaz', 1958, No. 7, pp 77.

27601

S/187/61/000/004/001/002
D053/D112

AUTHORS: Artem'yev, N.L., Gerasimova, A.M., and Stepchenkova, N.P.

TITLE: The infrared vidicon

PERIODICAL: Tekhnika kino i televideniya, no. 4, 1961, 15-19

TEXT: The authors describe the design and investigate the operational characteristics of infrared (IR) vidicons developed in the USSR and abroad. The current ЛИ-18 (LI-18), ЛИ-21 (LI-21), ЛИ-23 (LI-23) and ЛИ-401 (LI-401) Soviet vidicons use targets with a photoconductive layer made of either antimony trisulfide or selenium and have a spectral response in the visible spectrum with an IR edge at 0.9 μ. Prototypes of Soviet IR vidicons have been developed on a base of lead compounds. The targets of these tubes are manufactured by evaporating lead oxide onto the signal plate, activating the lead oxide in a hydrogen-sulfide atmosphere and then dusting-on some more lead oxide. This additional dusting-on of lead oxide serves to improve the secondary-emission factor of the photoconductive layer. It was suggested by Yu. Malyugin who participated together with V. Ogneva in the development of the IR vidicons. The operational characteristics of

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The infrared vidicon

the Soviet vidicons were investigated and compared with those of foreign 10667 Emitron and RCA vidicons. The results obtained indicate that the IR vidicon operating in the visual spectral range has a higher response than vidicons with antimony sulfide and selenium targets. A comparison of the light characteristics of different-type vidicons operating in the visible spectral region is shown in Fig. 3. The spectral response (Fig. 1) of the Soviet IR vidicon has its maximum at 1 μ and covers a frequency range up to 2 μ. The tube resolution was found to be 450 lines by using the 0249 test pattern and the МКС-1 (IKS-1) filter at a target illumination of 1 lux. This resolution drops to 200 lines when the test pattern is moved at a speed of 3 mm/sec corresponding to the displacement of the projection across the target. The signal magnitude under these conditions is from 0.03 to 0.05 μa. Figure 4 shows the watt-ampere characteristics of IR vidicons. The curves indicate that an increase of the blackbody temperature by 50°C, from 300 to 350°C, increases the signal magnitude threefold. There are 7 figures and 6 English references. The four most recent references to English-language publications read as follows: Redington and

Card 2/6

27601
S/187/61/000/004/001/002
D053/D112

The infrared vidicon

van Heerden, Doped silicon and germanium photoconductors as targets for infrared television camera tubes, Journal of the Opt. Soc. of America, 1959, 49, No. 10; Dudner, Schwartz and Shapiro, Detecting low-level infrared energy, Electronics, 1959, 26, No. 6; Oches and Weimer, Some new structure-type targets for the vidicon, RCA Review, 1958, No. 3; Jocobs, J., Berger, H., Large Area Photoconductive X-ray pickup-tube performance, Electr. Eng. 1956, No. 2.

Card 3/6

31086 S/107/61/000/012/003/004
D053/D112

9.4140

AUTHORS: Artem'yev, N.L., and Stepchenkova, N.P.

TITLE: Fast and slow electron modes in vidicons

PERIODICAL: Tekhnika kino i televideniya, no. 12, 1961, 20-23

TEXT: Some basic parameters of vidicons are examined, depending on the tube operating conditions. In particular, the dependence of the tube parameters on its secondary-emission characteristic is considered. One of the characteristic features of the vidicon is that, by slightly changing its design and supply circuit, it can operate in two different modes: in a slow electron mode and in a fast electron mode. Since the tube parameters are different in each mode, the choice of the proper mode should be determined by the required performance characteristic of the tube. Figure 1 shows the secondary-emission characteristic of camera tubes as a dependence of the effective secondary-emission factor (σ_{eff}) of the target on the potential of the target element (u_{el}). Points on this characteristic curve indicate dif-

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Fast and slow electron ...

ferent operating conditions of the camera tubes. For example, in the section from a to b the secondary-emission factor (σ) is less than unity and a slow electron mode takes place. Image orthicons, all foreign-made vidicons and some Soviet-made vidicons, including the ЛИ-23 (LI-23), operate in this section. In the section from d to e at $\sigma > 1$, the fast electron mode takes place. This section defines the operation of iconoscopes, image iconoscopes, and ЛИ 18 (LI 18), ЛИ-21 (LI-21), ЛИ-401 (LI-401) and ЛИ-405 (LI-405) Soviet-made vidicons. Both vidicon types are investigated and the following conclusions are made: (1) The target surface of vidicons with a fast electron mode is larger, due to the absence of the annular grid support in the tube neck. Thus, a higher resolution can be obtained by increasing the optical projection (2) The quality of the image background is better in a tube with grid, i.e. with a slow electron mode, because the secondary-emission pattern of the target is not superposed onto the transmitted image. (3) Illuminance range is from 10 to 100 luxes for tubes with a fast electron mode and from 10 to 30 luxes for tubes with a slow electron mode, when the optimum illuminance value is set at 10 luxes for both vidicon types.

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Fast and slow electron ...

Figure 3 shows illuminance characteristics for vidicons with a fast electron mode (a) and those with a slow electron mode (b). (4) Different polarities of the image signals are obtained in the fast and slow electron modes. (5) Because of the wide voltage range on the electrodes of the tube with a fast electron mode, voltages can be chosen corresponding to the optimum value of any single parameter at the expense of other parameters. For instance, by increasing the signal plate voltage, the signal and the image definition can be increased but at the same time, this causes a deterioration of the inertness and background quality. There are 3 figures, 1 table, and 3 Soviet-bloc references.

Card 3/[illegible]

L 00020-66 EWT(1)/EWA(h)
ACCESSION NR: AR5006081

S/0274/65/000/001/B017/B017
621.397.611

SOURCE: Ref. zh. Radiotekhnika i elektrosvyaz'. Svodnyy tom, Abs. 1B71

AUTHOR: Shchegolev, G. A.; Seliverstova, N. P.; Artem'yev, N. D.

TITLE: Magnetic system for a miniature vidicon

CITED SOURCE: Tekhnika kino i televideniya, no. 7, 1964, 65-6[illegible]

TOPIC TAGS: vidicon, miniature vidicon

TRANSLATION: The deflecting-focusing magnetic system for a 9-mm diameter vidicon had to meet these requirements: (1) minimum size, (2) minimum power consumption, (3) heating not exceeding 70C, and (4) compatibility, i. e., a possibility of using it with a standard sweep generator (a conventional part of PTU outfits). The system was designed which was a miniaturized replica of FKS-34. The outside diameter was 21 mm, instead of 60 mm; the focusing-coil length, 70 mm, instead of 85 mm; definition, 400 lines, instead of 600; power consumption, under 3 W. Tests of the system with standard sweep generators and with a [illegible] objective resulted in a 300-line definition picture, at an illumination of 200 lx on the object. Figs. 2.

Card 1/1 SUB CODE: EC ENCL: 00

L 9290-66 EWT(l)/T/EWA(h) IJP(c)

ACC NR: AP5026911 SOURCE CODE: UR/0109/65/010/010/1909/1910

AUTHOR: Artem'yev, M. I.; Kornilov, B. V.

ORG: none

TITLE: Infracon, a new camera tube

SOURCE: Radiotekhnika i elektronika, v. 10, no. 10, 1965, 1909-1910

TOPIC TAGS: camera tube, IR camera, detection equipment, [illegible]

ABSTRACT: A new camera tube (infracon) with a cooled phototarget is designed for operation in the 0.65—4-μ region. A single-crystal semiconductor material is used as the phototarget, operating on the principle of accumulation. TV images of objects heated to 125C and higher were obtained by the new tube. The threshold irradiated power at this temperature was roughly 0.1 $\mu w/cm^2$. The relationship between the signal and the temperature of the radiation source (black bodies)

Card 1/2 UDC: 621.385.832.5

ACC NR: AP5026911

Fig. 1. Dependence of the video signal on the temperature of the radiation source

1 - Signal without a filter; 2 - signal obtained with a silicon photocarget; 3 - signal obtained with a germanium photocarget.

in such a tube is shown in the figure. Orig. art. has: 1 figure. [JR]

SUB CODE: 17 / SUBM DATE: 22Jun65/ ORIG REF: 001/ ATD PRESS: 4153

Card 2/2

124-58-9-10577

Translation from: Referativnyy zhurnal, Mekhanika, 1958, Nr 9, p 161 (USSR)

AUTHORS: Bykov, V. A., Artem'yev, N. S., Kostichev, Yu. V., Levanov, V. I.

TITLE: On the Consistency of Generalized Plastic Strength Data of Ship-building Steels (O skhodimosti obobshchennykh plasticheskikh soprotivleniy sudostroitel'noy stali)

PERIODICAL: Tr. Leningr. korablestroit. in-ta, 1955, Vol 15, pp 50-55

ABSTRACT: Results of tests relative to pure flexure, tension, and torsion are presented for a number of ship-building steels (grades not indicated). The investigation included the conditions in which plastic behavior occurred, also short-term-failure and long-term-strength criteria. A correlation of test results relative to the pure flexure of narrow strips and plate showed a good substantiation of the Henke-Huber-von Mises condition of plasticity

$$\sqrt{\sigma_1^2 - \sigma_2\sigma_1 + \sigma_2^2} = \sigma_0 \qquad (1)$$

A correlation of test results relative to tension and torsion of solid circular specimens shows a substantiation not only of

Card 1/2

24-58-9-10577

On the Consistency of Generalized Plastic Strength Data of Shipbuilding Steels

condition (1) but also of the criterion of the maximal tangential stress

$$\sigma_1 - \sigma_3 = \sigma_0 \qquad (2)$$

The test results show that relationships (1) and (2) may be used as strength criteria relative to plastic deformation, but that they cannot be expected to serve as failure (ultimate-strength) criteria.

V. S. Namestnikov

1. Steels--Mechanical properties 2. Steels--Test methods

"Kafedra detaley mashin", Leningrad Shipbuilding Inst.

Card 2/2

ARTEM'YEV, N.S.

Effect of the degree of plastic deformation and amount of compression in coiled cylindrical springs on their resistance. Trudy LKI no.29: 143-152 '59. (MIRA 14:7)

1. Leningradskiy korablestroitel'nyy institut, kafedra detaley mashin i pod"yemno-transportnykh mashin.
(Springs (Mechanism))

ZHUKOV-VEREZHNIKOV, N.N.; YAZDOVSKIY, V.I.; MAYSKIY, I.M.; TRIBULEV, G.P.
PEKHOV, A.P.; SAKSONOV, P.P.; RYBAKOV, N.I.; ANTIPOV, V.V.;
ARTAMONOV, N.S.; KOZLOV, V.A.; MISHCHENKO, B.A.; YUDIN, Ye.V.
RYBAKOVA, K.D.; ANICKIN, Ye.D.

Microbiological and cytological studies in conquering space.
Probl. kosm. biol. 3:184-192 '64. (MIRA 17:6)

SIDOROV, N.; STUDNICHKA, Yu.; ARTEM'YEV, P.; YALYAOV, P.; BOYKO, N.; SEKUNOV, S.; TSYPIN, M.

Effectiveness of the centralization the accounting and tabulating machines. Den.i kred. 17 no.5:53-59 My '59. (MIRA 12:10)

1. Nachal'nik Goruprayleniya Chernigovskoy oblastnoy kontory Gosbanka (for Sidorov). 2. Glavnyy bukhgalter Goruprayleniya Chernigovskoy obl. kontory Gosbanka (for Studnichka). 3. Glavnyy bukhgalter Kamensk-Ural'skogo otdeleniya Gosbanka Sverdlovskoy oblasti (for Artem'yev). 4. Glavnyy bukhgalter Akmolinskoy oblastnoy kontory Gosbanka (for Yalymov). 5. Glavnyy bukhgalter Arzamasskogo otdeleniya Gosbanka Gor'kovskoy oblasti (for Boyko). 6. Glavnyy bukhgalter Georgiyevskogo otdeleniya Gosbanka Stavropol'skogo kraya (for Sekunov). 7. Glavnyy bukhgalter Samarkandskoy oblastnoy kontory Gosbanka (for TSypin).

(Machine accounting)

ARTEM'YEV, P., kand.tekhn.nauk; ARTYUKHIN, Yu., inzh.

Self-unloading ships for the transportation of pulverized materials [from foreign journals]. Mech.transp. 19 no.1:54-56 Ja '60. (MIRA 13:5)

(Ships--Equipment and supplies)
(Cargo handling)

SOV/124-57-3-3537

Translation from: Referativnyy zhurnal. Mekhanika, 1957, Nr 3, p 132 (USSR)

AUTHOR: Artem'yev, P.P.

TITLE: The Motion of a Cohesionless Material in the Bucket of a High-speed Elevator and the Determination of the Charging Ratio of a Bucket (Dvizheniye materiala v kovshe bystrokhodnogo elevatora i opredeleniye koeffitsienta zapolneniya kovsha)

PERIODICAL: Tr. Leningr. in-ta inzh. vod. transp., 1956, Vol 23, pp 228-240

ABSTRACT: A presentation of an approximate solution of the two-dimensional problem of the motion of a cohesionless material in the bucket of a high-speed elevator at the instant of discharging of the bucket. The solution is based on the following assumptions: 1) The lines of slippage of the material within the bucket are considered to be straight; 2) the lines of slippage as the bucket passes over the upper conveyor drum or head sprocket are constant. A differential equation is set up for the motion of an elementary volume of the material; the solution of this equation determines the velocity field and the displacements of the particles of the material as functions of the coordinates and time. Based on an analysis of the solution, a method is given whereby

Card 1/2

The Motion of a Cohesionless Material (cont.)

the charging ratio of the bucket and the extent of spilling may be determined. Computations show that at a charging ratio of unity and at velocities ranging from 1.55 to 3.28 m/sec the amount of spilling does not exceed 1% of the carrying capacity of the elevator. This conclusion was corroborated by experiments.

G. A. Geniyev

Card 2/2

ARTEM'YEV, P.P., kand.tekhn.nauk

Experimental investigation of a bucket hoist unloading process.
Mech. transp. 17 no.3:10-11 Mr '58. (MIRA 11:4)
(Hoisting machinery)

SIROTSKIY, V.F., doktor tekhn. nauk; ARTEM'YEV, P.P., kand. tekhn. nauk; OMOKHOV, P.P., insh.

Operational cycle of harbor cranes. Mech.transp. 17 no.9:20-22 S '58. (MIRA 11:11)

(Cranes, derricks, etc.) (Harbors)

SIROTSKIY, V.F., doktor tekhn.nauk; GRIGOR'YEV, N.I., inzh.; ARTEM'YEV, P.P., kand.tekhn.nauk

Angles of declination of cargo cables of portal cranes during operation. Mech.transp. 18 no.7:19-21 Jl '59. (MIRA 12:11)
(Cranes, derricks, etc.)

SIROTSKIY, V.F., doktor tekhn.nauk, prof.; ARTEM'YEV, P.P., kand.tekhn. nauk, dotsent

Time length of gantry crane cycles. Trudy LIVT no.4:3-7 '60. (MIRA 15:3)

(Cranes, derricks, etc.)

ARTEM'YEV, S.

Let us ensure the transportation of crops in time and without losses. Avt.transp. 40 no.7:1-3 Jl '62. (MIRA 15:8)

1. Zamestitel' Ministra avtomobil'nogo transporta i shosseynykh dorog RSFSR.
(Farm produce—Transportation)

ARTEM'YEV, S.

Noble duty of highway transport workers. Avt.transp. 40 no.10: 15-17 O '62. (MIRA 15:11)

1. Zamestitel' Ministra avtomobil'nogo transporta i shosseynykh dorog RSFSR.

(Transportation, Automotive)

ARTEM'YEV, S.

For an efficient operation of automotive passenger transportation and a perfect servicing of population. Avt. transp. 42 no.7:1-3 Jl '64. (MIRA 17:11)

1. Zamestitel' ministra avtotransporta i shosseynykh dorog RSFSR.

AKTEM'YEV, S.; BABKOV, V.; BIRULYA, A.; BOGOMOLOV, A.; BOCHIN, V.; BRILING, N.; VAKHRUSHIN, N.; VOLKOV, M.; GURARIY, M.; DAMENKOV, Yu.; YEFREMOV, V.; ZELENKOV, G.; IVANOV, N.; IGOLKIN, N.; KUDRYAVTSEV, A.; LITVIN, N. MIKHAYLOV, V.; PROKOF'YEV, I.; SARKIS'YANTS, G.; ROMANENKO, I.; STRAMENTOV, A.; FEDOROV, V.; KHACHATUROV, A. i dr.

Anatolii Pavlevich Khmel'nitskii. Avt. dor. 21 no.12:30 D '58. (MIRA 12:1)

(Khmel'nitskii, Anatolii Pavlevich, 1907-1958)

ARTEM'YEV, S.

Public automotive transportation of the Russian Federation during the coming seven years. Avt.transp. 37 no.1:1-3 Ja '59. (MIRA 12:2)

1. Zamestitel' ministra avtomobil'nogo transporta i shosseynykh dorog RSFSR.

(Transportation, Automotive)

ARTEM'YEV, S.

Improve the organization of the transportation of agricultural products. Avt.transp. 37 no.11:1-2 N '59. (MIRA 13:2)

1. Zamestitel' ministra avtomobil'nogo transporta i shosseynykh dorog RSFSR.
(Farm produce--Transportation)

ARTEM'IEV, S.

Let us complete successfully the removing of crops from fields.
Avt.transp. 38 no.9:1-2 S '60. (MIRA 13:9)

1. Zamestitel' Ministra avtomobil'nogo transporta i shosseynykh dorog RSFSR.

(Harvesting)

ARTEM'YEV, S., inzh.

Organization of the renting of passenger cars. Avt.transp. 39 no.1:9-12 Ja '61. (MIRA 14:3)
(Automobiles, Rental)

ARTEM'YEV, S.

Let us provide for an efficient organization for the transportation of agricultural freight. Avt. transp. 41 no.5:1-3 My '63. (MIRA 16:10)

1. Zamestitel' ministra avtomobil'nogo transporta i shosseynykh dorog RSFSR.

(Farm produce—Transportation)

PORUDOMINSKIY, I.M.; ARTEM'YEV, S.A.; TUPANOVA, Ye.N.

Results of the treatment of gonorrhea with synthomycetin. Vest. vener., Moskva no. 4:40-41 July-Aug. 1952. (CIML 23:3)

1. Professor for Porudominskiy; Senior Scientific Associate for Artem'yev and Turanova. 2. Of the Central Skin-Venereological Institute (Director -- Candidate Medical Sciences N. M. Turanov), Ministry of Public Health USSR.

ARTEM'YEV, S.A., starshiy nauchnyy sotrudnik.; TURANOVA, Ye.N., starshiy nauchnyy sotrudnik.; KOVALEVA, V.V. nauchnyy sotrudnik.

Biomycin in the treatment of gonorrheal and nongonorrheal inflammatory diseases of the urogenital organs. Vest. ven. i derm. 6:42-45 N-D '55. (MLRA 9:5)

1. Iz otdelov gonorrei i mekrobiologii (zaveduyushchiy professor I.M. Porudominskiy i professor N.M. Ovchinnikov) Tsentral'nogo kozhno-venerologicheskogo instituta (direktor, kandidat meditsinskikh nauk N.M. Turanov) Ministerstva zdravookhraneniya SSSR

(GONORRHEA, ther.
biomycin)
(UROGENITAL SYSTEM, dis.
inflammatory, ther., biomycin)
(ANTIBIOTICS, ther. use
biomycin, ingonorrheal & non-gonorrheal inflammatory dis. of urogenital system)

ARTEM'YEV, S.A.; GADZHIYEV, P.G.

Streptomycin in the treatment of gonorrhea in men. Sov.med. 20 no.7: 40-42 Jl '56. (MLRA 9:10)

1. Iz otdela gonorrei (zav. prof. I.M.Porudominskiy) Tsentral'nogo nauchno-issledovatel'skogo kozhno-venerologicheskogo instituta (dir. dotsent N.M.Turanov) Ministerstva zdravookhraneniya SSSR.

(GONORRHEA, ther.
streptomycin in males)
(STREPTOMYCIN, ther. use
gonorrhea in males)

ARTEM'YEV, S.A., kand.med.nauk; KUR'YE, S.S., kand.med.nauk; TURANOVA, Ye.N., kand.tekhn.nauk; KOVALEVA, V.V., nauchnyy sotrudnik

Combined use of penicillin and synthomicin in the treatment of gonorrhea [with summary in English]. Vest.derm. i ven. 32 no.1:63-67 Ja-F '58. (MIRA 11:4)

1. Iz otdela gonorei (zav.-prof. I.M.Porudominskiy) i otdela mikrobiologii (zav.-prof. N.M.Ovchinnikov) TSentral'nogo kozhno-venerologicheskogo instituta (dir.-kandidat meditsinskikh nauk N.N. Turanov) Ministerstva zdravookhraneniya RSFSR.

(GONORRHEA, ther.
chloramphenicol with penicillin (Rus)
(CHLORAMPHENICOL, ther. use
gonorrhea, with penicillin (Rus)
(PENICILLIN, ther. use
gonorrhea, with chloramphenicol (Rus)

PORUDOMINSKIY, I.M., ARTEM'YEV, S.A., VARSHAVSKIY, B.V., IOFIS, V.Ye.
KRIGER, S.M., SOBKIN, I.B.

Incidence, causes, and features of the clinical course of gonorrhea reinfection in males [with summary in English]. Vest.derm. i ven. 32 no.3:42-46 My-Je '58 (MIRA 11:7)

1. Iz otdela gonorei (zav. - prof. I.M. Porudominskiy) TSentral'nogo nauchno-issledovatel'skogo kozhno-venerologicheskogo instituta (direktor - kand.med.nauk N.M. Turanov) Ministerstva zdravookhraneniya RSFSR, 2. TSentral'nyy kozhno-venerologicheskiy institut (for Artem'yev). 3. 4-y Moskovskiy kozhno-venerologicheskiy dispanser (for Varshavskiy). 4. 2-y Moskovskiy kozhno-venerologicheskiy dispanser. 5. Ob"yedinennaya poliklinika Ministerstva putey soobshcheniya (for Sobkin).
(GONORRHEA,
reinfect., incidence & clin. course (Rus))

ARTEM'YEV, S.A.; TURANOVA, Ye.N.; BEDNOVA, V.N.

Terramycin in the therapy of gonorrhea. Sov.med. 23 no.10:128-130 O '59. (MIRA 13:2)

1. Iz otdela gonorei (zaveduyushchiy - prof. I.M. Porudominskiy) i otdela mikrobiologii (zaveduyushchiy - prof. N.M. Ovchinnikov) Tsentral'nogo nauchno-issledovatel'skogo kozhno-venerologicheskogo instituta (direktor N.M. Turanov) Ministerstva zdravookhraneniya RSFSR.
(GONORRHEA ther.)
(OXYTETRACYCLINE ther.)

ARTEM'YEV, S.A.; NYUNIKOVA, O.I.; ZHAROV, A.V.; METAL'NIKOV, B.P.; KISLOVA, T.A.; STAROSTINA, Z.D.; CHASTIKOVA, A.V.; TEMYANKO, S.A.; IKONNIKOV, N.N.; ARALOVA, Z.T.; ORISHINA, A.M.

Levomycetin in the treatment of gonorrhea; results of a cooperative study. Vest. derm. i ven. 33 no.2:70-73 Mr-Ap '59. (MIRA 12:7)

1. Iz Tsentral'nogo nauchno-issledovatel'skogo koshno-venerologicheskogo instituta (zav.otdelom gonorei - prof. I.M. Porudominskiy, dir. - kand. med. nauk N.M. Turanov) Ministerstva zdravookhraneniya RSFSR. 2. Tsentral'nyy nauchno-issledovatel'skiy koshno-venerologicheskiy institute (for Nyunkova). 3. Bashkirskiy krayevoy koshno-venerologicheskiy institut (for Zharov). 4. Gor'kovskiy krayevoy koshno-venerologicheskiy institut (for Temyanko). 5. Sverdlovskiy krayevoy koshno-venerologicheskiy institut (for Orishina).

(CHLORAMPHENICOL, ther. use,
gonorrhea (Rus))
(GONORRHEA, ther.
chloramphenicol (Rus))

ARTEM'YEV, Serafim Aleksandrovich; POPOVA, O.F., red.; BUL'DYAYEV, N.A., tekhn. red.

[Fear venereal diseases] Boites' venericheskikh bolezney. Moskva, Gos. izd-vo med. lit-ry Medgiz, 1960. 32 p. (MIRA 14:7)
(VENEREAL DISEASES)

PORUDOMINSKIY, I.M.; ARTEM'YEV, S.A.; LUR'YE, S.S.; NIUNKOVA, O.I.; GADZHIYEV, R.G.; DZHEBRAILEVKOV, A.D.

Bicillin-1 and bicillin-d in the therapy of gonorrhea. Vest.derm. i ven. 34 no.8:62-66 '60. (MIRA 13:11)

1. Iz TSentral'nogo nauchno-issledovatel'skogo kozhno-venerologicheskogo instituta (dir. - kand.med.nauk N.M. Turanov) Ministerstva zdravookhraneniya RSFSR i 2-y kafedry kozhnykh i venericheskikh bolezney (zav. - zasluzhennyy deyatel' nauki prof. B.A. Eyvazov) Azerbaydzhanskogo meditsinskogo instituta.
(GONORRHEA) (PENICILLIN)

ARTEM'YEV, S.A., kand.med.nauk; AFANAS'YEV, B.A.; VOSKRESENSKAYA, G.A.; VARSHAVSKIY, B.V.

DMT powder in the treatment of trichomonal urethritis in men. Vest.derm.i ven. 34 no.12:41-43 '60. (MIRA 14:1)

1. Iz otdela gonorei (zav. - prof. I.M. Poradominskiy), otdela mikrobiologii (zav. - prof. N.M. Ovchinnikov) Tsentral'nogo kozhno-venerologicheskogo instituta (dir. - kand.med.nauk N.M. Turanov) Ministerstva zdravookhraneniya RSFSR i poliklinika No.58 Moskvy.
(TRICHOMONIASIS) (URETHRA--DISEASES) (DMT)

PORUDOMINSKIY, I.M.; ARTEM'YEV, S.A.; VOSKRESENSKAYA, G.A.

Flagyl in the treatment of trichomoniasis in males. Urologiia 29 no.1:15-17 '64. (MIRA 17:8)

1. Otdel urologii (zav. - prof. I.M. Porudominskiy) i mikrobiologii (zav. - prof. N.M. Ovchinnikov) TSentral'nogo nauchno-issledovatel'skogo kozhno-venerologicheskogo instituta Ministerstva zdravookhraneniya RSFSR, Moskva.

PORUDOMINSKIY, I.M., prof., ARTEM'YEV, G.A., dotsent

Sterility following retrograde flow of the ejaculate. Vest. derm. i ven. no.5:78-80 '65. (MIRA 18:11)

1. TSentral'nyy nauchno-issledovatel'skiy kozhno-venerologicheskiy institut (direktor - dotsent N.M.Muranov) Ministerstva zdravookhraneniya SSSR, Moskva. Submitted February 25, 1964.

VASILENKO, Vladimir Kharitonovich; AVIOSOR, M.L., professor; ARTEM'YEV, S.G., redaktor; BOBROVA, Ye.N., tekhnicheskiy redaktor

[Internal medicine] Vnutrennie bolezni. Pri uchastii M.L.Aviosora. 7-e izd. Moskva, Gos. izd-vo med. lit-ry, 1954. 503 p. [Microfilm] (Medicine) (MLRA 8:1)

TARNIEV, Yevgeniy Mikhailovich, prof.; ARTEM'IEV, S.G., red.; KEL'CHIKOVA, Yu.S., tekhn. red.

[Internal diseases] Vnutrennie bolezni. Izd.2. Moskva, Gos. izd-vo med. lit-ry, 1956. 581 p. (MIRA 11:7)

1. Deystvitel'nyy chlen Akademii meditsinskikh nauk SSSR (for Tareyev).

(MEDICINE, INTERNAL)

BARYSHNIKOV, K.I.; BRISKIN, A.I.; VOROTYNTSEV, A.P.; GONCHAROV, P.I.; DEMUGOV, Yu.V.; LIPSHITS, L.A.; MOKEYEV, N.I.; NAZAROV, A.V.; PETROV, L.P.; SERDYUK, D.S.; SMOLYANKIN, K.P.; CHUKHNOVSKIY, A.A.; ARTEM'YEV, S.G., red.; ZAKHAROVA, A.I., tekhn.red.

[Sanitary and chemical protection; pathology, clinical aspects, and treatment of poisoning. Manual for students and physicians] Sanitarno-khimicheskaia zashchita; patologiia, klinika i terapiia porazhenii otravliaiushchimi veshchestvami. Rukovodstvo dlia studentov i vrachei. Moskva, Gos.izd-vo med.lit-ry, 1959. 434 p. (MIRA 13:6)

(CHEMICAL WARFARE--SAFETY MEASURES)

KRISTMAN, Vladimir Ivanovich; ARTEM'YEV, S.G., red.; LIUMKOVSKAYA, N.I., tekhn.red.

[Internal diseases and care of patients] Vnutrennie bolezni i ukhod za bol'nymi. Izd.5., ispr. i dop. Moskva, Gos.izd-vo med. lit-ry, 1960. 437 p. (MIRA 13:11)
(MEDICINE, INTERNAL)

NESTEROV, A.I., prof., red.; ARTEM'YEV, S.G., red.; MIKHNOVA, A.M., tekhn. red.

[Problems in rheumatism; its pathogenesis, the determination of its activity and its prevention] Voprosy revmatizma; patogenez, opredelenie aktivnosti, profilaktika. Pod red. A.I.Nesterova. Moskva, Medgiz, 1961. 150 p. (MIRA 15:10)

1. Vsesoyuznyy komitet po izucheniyu revmatizma i bolezney sustavov i bor'be s nimi. 2. Predsedatel' Vsesoyuznogo komiteta po izucheniyu revmatizma i bolezney sustavov i bor'be s nimi, deystvitel'nyy chlen Akademii meditsinskikh nauk SSSR (for Nesterov).

(RHEUMATIC FEVER)

ZAVALISHIN, N.I., prof.; LIDOV, I.P., dots.; LITOVCHENKO, I.G.; MESHKOV, V.V., dots.; MOBIL'NITSKIY, M.B., kand. med. nauk; ARTEM'YEV, S.G., red.; BUL'DYAYEV, N.A., tekhn. red.

[Organizational principles in providing medical care for troops] Osnovy organizatsii meditsinskogo obespecheniia voisk. Moskva, Medgiz, 1961. 219 p. (MIRA 15:2)
(RUSSIA—ARMY—MEDICAL CARE)

GERTSOV, Gerasim Borisovich; ARTEM'YEV, S.G., red.; BALDINA, N.F., tekhn. red.

[Industrial practice for students of medical institutes during a six-year training program] Proizvodstvennaia praktika studentov meditsinskikh institutov pri shestiletnem obuchenii. 2. izd., dop. i perer. Moskva, Medgiz, 1962. 239 p. (MIRA 15:4)
(MEDICINE, INDUSTRIAL—STUDY AND TEACHING)

GUKASYAN, Aram Grigor'yevich, prof.; ARTEM'YEV, S.G., red.; MIRONOVA, A.M., tekhn.red.

[Internal diseases] Vnutrennie bolezni. Izd.4., ispr. i dop. Moskva, Medgiz, 1962. 450 p. (MIRA 15:5)
(MEDICINE, INTERNAL)

KASSIRSKIY, I.A., prof., red.; ARTEM'YEV, S.G., red.; PARAKINA, N.L., tekhn. red.

[Therapeutist's handbook]Spravochnik terapevta. Pod red. I.A.Kassirskogo. Moskva, Medgiz, 1962. 866 p.
(MIRA 15:11)

1. Chlen-korrespondent Akademii meditsinskikh nauk SSSR (for Kassirskiy).

(THERAPEUTICS)

GUKASYAN, Aram Grigor'yevich, prof.; ARTEM'YEV, S.G., red.; MIRONOVA, A.M., tekhn. red.

[Internal diseases]Vnutrennie bolezni. Izd.4., ispr. i dop. Moskva, Medgiz, 1962. 450 p. (MIRA 15:12)
(MEDICINE, INTERNAL)

MEN'SHIKOV, Fedor Kus'mich; ARTEM'YEV, S.G., red.; LYUDKOVSKAYA, N.I., tekhn. red.

[Intestinal diseases] Bolezni kishechnika. Moskva, Medgiz, 1962. 259 p. (MIRA 16:1)

(INTESTINES—DISEASES)

GAGUNOVA, Yelena Yakovlevna; ARTEM'YEV, S.G., red.; BASHMAKOV, G.M., tekhn. red.

[General care of patients] Obshchii ukhod za bol'nymi. Moskva, Medgiz, 1963. 282 p. (MIRA 16:4)
(NURSES AND NURSING)

MAYSTRAKH, Kseniya Vasil'yevna; ARTEM'YEV, S.G., red.; PRONINA, N.D., tekhn. red.

[Organization of public health] Organizatsiia zdravookhraneniia; otdelom meditsinskikh uchebnykh zavedenii i kadrov Ministerstva zdravookhraneniia SSSR rekomendovan v kachestve uchebnika dlia uchashchikhsia meditsinskikh uchilishch. Moskva, Medgiz, 1963. 198 p. (MIRA 16:9)
(PUBLIC HEALTH)

SHELAGUROV, Aleksey Alekseyevich; Prinimali uchastiye: ANDRIANOVA, N.V.; DOBROVOL'SKAYA, T.I.; MURASHKO, V.V.; MALINOVSKAYA, N.I.; SEMIN, N.D.; ARTEM'YEV, S.G., red.; MIRONOVA, A.M., tekhn. red.

[Methodology of examination in the clinic for internal diseases] Metody issledovaniia v klinike vnutrennikh bolezney. Izd.2., ispr. i dop. Moskva, Izd-vo "Meditsina," 1964. 474 p. (MIRA 17:3)

GILYAREVSKIY, Sergey Aleksandrovich; ARTEM'YEV, S.G., red.

[Propedeutics in internal diseases] Propedevtika vnutrennikh bolezney. 2. izd., ispr. i dop. Moskva, Meditsina, 1965. 346 p. (MIRA 18:5)

ABRAMOV, M.G., doktor med. nauk; ALEKSEYEV, G.A., prof.; ASTAPENKO, M.G., prof.; BUREYKO, V.M., dots.; VARSHAMOV, L.A., prof.; VINOGRADSKIY, A.B., KARPOVA, G.D.; KASSIRSKIY, I.A., prof.; KUSHKIY, R.O., doktor med. nauk; LIBERMAN, B.I.; LIKHTSIYER, I.B., prof.; LUZHETSKAYA, T.A., kand. med. nauk; MOISEYEV, S.G., prof.; NASONOVA, V.A., dots.; NESGOVOROVA, L.I.; POROSHINA, I.I.; PREOBRAZHENSKIY, A.P., dots.; RADVIL', O.S., prof.; RATNER, M.Ya., doktor med. nauk; RASHEVSKAYA, A.M., prof.; SEMENDYAYEVA, M.N., kand. med. nauk; SIGIDIN, Ya.S., kand. med. nauk; ARTEM'YEV, S.G., red.

[Therapeutist's handbook] Spravochnik terapevta. Izd.2., ispr. i dop. Moskva, Meditsina, 1965. 863 p.
(MIRA 18:6)

1. Deystvitel'nyy chlen AMN SSSR (for Kassirskiy).

SOV/123-59-19-78413

Translation from: Referativnyy zhurnal. Mashinostroyeniye, 1959, Nr 12, p 85 (USSR)

AUTHOR: Artem'yev, S.I.

TITLE: Installation for the Automatic Stamping of Large-Size Machine Parts From Strip Metal

PERIODICAL: Tekhnol. avtomobilestroyeniya, 1958, Nr 5, pp 89 - 90

ABSTRACT: An installation is described which is used at the Gor'kiy Automobile Plant for the automatic stamping of machine parts from strips of dimensions of 500 x 1,500 x 4.5 mm. The installation operates with a mechanical press of a force of 1,100 t and 6.5 strokes/minute. Strips from piles up to 750 mm high are brought to the installation by trolleys or cranes, conveyed by a mechanical arm with vacuum suckers to the stepped feed guide with pneumatic drive, which, by its pushing catches conveys the strip into the stamp, where punching and drawing of cups up to a depth of 100 mm is effected. The stamped out machine part is lifted by electromagnets, fitted to the upper half of the stamp. The slide block being in its upper position, the electromagnets are switched off and an

Card 1/2

307/123-59-19-78/13

Installation for the Automatic Stamping of Large-Size Machine Parts From Strip Metal

ejector throws the machine part onto a swing stripper, from which it is directed by chute to another press. The waste metal is cut into parts by knives, which are mounted on the stamp, and are then taken away by a conveyer. The installation may operate in an automatic or single cycle of production.

Ye.A.I.

Card 2/2

ARTemyev, V.I.

25(1,5) PHASE I BOOK EXPLOITATION SOV/2259

Moscow. Dom nauchno-tekhnicheskoy propagandy imeni F.E. Dzerzhinskogo

Novoye v tekhnologii vysokoproizvoditel'nogo listovogo shtampovki: sbornik trudov konferentsii (New Features in the Methods of High-productivity Sheet Metal Stamping; Collection of Conference Transactions) Moscow, Mashgiz, 1959. 228 p. 8,000 copies printed.

Sponsoring Agency: Obshchestvo po rasprostraneniyu politicheskikh i nauchnykh znaniy RSFSR.

Resp. Ed.: V.T. Meshcheryakov, Doctor of Technical Sciences, Professor; Eds.: V.D. Golovlev, Candidate of Technical Sciences, Docent, and Ye.M. Lanskoy, Candidate of Technical Sciences, Docent; Ed. of Publishing House: S.N. Sokolov; Tech. Ed.: L.I. Mokina; Managing Ed. for Literature on Heavy Machine Building (Mashgiz): S.Ya. Golovin, Engineer.

PURPOSE: This collection of papers is intended for engineers and technicians in sheet metal stamping. It may also be useful to students of vuzes and technikums.

COVERAGE: This collection deals with the design and features of some current problems in sheet metal stamping. Also discussed are processing methods still in the experimental stage, several articles deal with the mechanization and automation of stamping processes and describe recently developed automatic and semiautomatic lines, and press blanking with the use of radioactive isotopes. No personalities are mentioned. References follow several of the articles.

AVAILABLE: Library of Congress

Card 9/9 GO/mjr 10-21-59

ARTEM'YEV, S.P.

Fourth International Week for the Study of Highway Traffic Techniques and the International Congress of Highway Safety. Avt.dor. 22 no.6:22-24 Je '59. (MIRA 12:9)

1. Zamestitel' ministra avtomobil'nogo transporta i shossenykh dorog RSFSR.
(Copenhagen--Traffic engineering--Congresses)

ARTEM'YEV, Sergey Pavlovich; PUSHKIN, Petr Ivanovich; VLADIMIROV, V.A., red.; SMIRNOVA, V.K., red.izd-va; MAL'KOVA, N.V., tekhn.red.

[Fourth International Week for the Study of Traffic Engineering and International Congress on Traffic Safety] IV Mezhdunarodnaia nedelia po izucheniiu tekhniki doroshnogo dvizheniia i Mezhdunarodnyi kongress po doroshnoi bezopasnosti. Moskva, Nauchno-tekhn.izd-vo M-va avtomobil'nogo transporta i shosseinykh dorog RSFSR, 1960. 142 p. (MIRA 13:7)

(Traffic engineering) (Safety--Congresses)

ARTEM'YEV, Sergey Petrovich; KHAPOSHIN, S., otv. red.; BOGULTA, A., red. izd-va; TELEGINA, T., tekhn. red.

[Financing of capital repairs] Finansirovanie kapital'nogo remonta. Moskva, Gosfinizdat, 1962. 74 p. (MIRA 15:6)
(Industrial equipment--Maintenance and repair) (Finance)

ARTEM'YEV, S.P.

Organization of supply agencies. Gor. khoz. Mosk. 36
no.10:47-48 O '62. (MIRA 15:12)

1. Zamestitel' upravlyayushchego Moskovskoy gorodskoy kontoroy Gosbanka.
(Moscow—Building materials industry)

ARTEM'YEV, S.P.

Problems in the organization of interurban automotive freight transportation. Trudy MIEI no.20:3-9 '63. (MIRA 17:3)

ANDREYEV, Oleg Vladimirovich, kand. tekhn. nauk, dots.; ARTEM'YEV, Sergey Sergeyevich, insh.; BOLDAKOV, Yevgeniy Vasil'yevich; doktor tekhn. nauk, prof.; ZHURAVLEV, Mark Mikhaylovich, kand. tekhn. nauk; TEN, Igor' Aleksandrovich, kand. tekhn. nauk; KOVRIZHNYKH, L.P., red.; GALAKTIONOVA, Ye.N., tekhn. red.

[Calculation of the openings of engineering structures according to limiting states] Raschet otverstii inzhenernykh sooruzhenii po predel'nym sostoianiiam. [By] O.V. Andreev i dr. Moskva, Avtotransizdat, 1963. 106 p. (MIRA 16:4)

(Bridges) (Floods)

ARTEM[illegible]EV, S.S., inzh.; BOLDAKOV, Ye.V., prof.; ZHURAVLEV, M.M., kand. tekhn. nauk

[Calculating storm runoff with small drainage collecting systems] Raschet livnevogo stoka s malykh vodosborov. Moskva, Transport, 1965. 47 p. (MIRA 18:4)

ARTEM'YEV, V.

Efficiency promoters did this. Zhil.-kom.khoz. 12 no.8:18 Ag '62. (MIRA 16:2)

1. Glavnyy insh. Pyatigorskogo upravleniya tramvaya.
(Street railways)

ARTEM'yeV, V.M.

5

PHASE I BOOK EXPLOITATION SOV/6205

Makarchenko, A. F., Resp. Ed.

Osnovnyye voprosy elektrofiziologii tsentral'noy nervnoy sistemy (Basic Problems in the Electrophysiology of the Central Nervous System) Kiyev, Izd-vo AN UkrSSR, 1962. 231 p. Errata slip inserted. 1600 copies printed.

Sponsoring Agency: Vsesoyuznoye fiziologicheskoye obshchestvo im. I. P. Pavlova. Institut fiziologii im. A. A. Bogomol'tsa Akademii nauk USSR.

Eds.: A. F. Makarchenko, Resp. Ed.; D. S. Vorontsov, P. G. Kostyuk, F. N. Serkov; Resp. Secretary: I. P. Semenyutin; Tech. Ed.: Yu. M. Bokhno.

PURPOSE: This book is intended for physiologists who are interested in recent advances in electrophysiology.

Card 1/3

Basic Problems in the (Cont.) SOV/6205

COVERAGE: The present book is a collection of articles presented at the Symposium on Electrophysiology held in Kiyev on 1-2 July 1961. The articles in the collection are grouped into the following sections: 1) Electrophysiology of neurons (sensory, motor, and relay neurons of the spinal cord, and neurons of the retina); 2) Induced electrical potentials of the cerebral cortex; and 3) Background rhythms of the cerebral cortex. References are given following the individual chapters. No personalities are mentioned.

TABLE OF CONTENTS:

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AVAILABLE: Library of Congress

SUBJECT: Biology and Medicine

Card 3/3

IS/dmp/bc
2-12-63

ACC NR: AR6027498 SOURCE CODE: UR/0137/66/000/004/V051/V052

AUTHOR: Nikulin, A. A.; Bochkov, D. A.; Filimonova, M. A.; Artem'yev, V. D.; Volokhonskiy, L. A.

TITLE: Experimental study of ingot heat balance during the remelting of a consumable electrode

SOURCE: Ref. zh. Metallurgiya, Abs. 4V348

REF SOURCE: Elektrotermiya. Nauchn-tekhn. sb., vyp. 47, 1965, 42-43

TOPIC TAGS: vacuum arc furnace, heat balance

TRANSLATION: A special crystallizer with graded walls was constructed for the experiment. It was established that the heat transfer rate through the bottom plate in a vacuum arc furnace was $0.42 \cdot 10^6$ kcal/m^2·hr when the bottom of the crystallizer was covered with a plate. In the contact zone of the ingot, the heating rate on the walls of the crystallizer was about $(0.3\text{-}0.8) \cdot 10^6$ kcal/m^2·hr. During steady arc burning, the heating rate on the crystallizer walls above the level of the metal was about $(0.4\text{-}0.6) \cdot 10^6$ kcal/m^2·hr. Above the flux surface (during cycle without arcing), the heat transfer rate did not exceed $0.2 \cdot 10^6$ kcal/m^2·hr. In the stable regime, heat output to the crystallizer walls was produced by means of an ordinary water cooling system with water flow in the crystallizer. For a water velocity greater than 1 m/sec, a

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cooling convection cycle can be produced without the danger of the heavy precipitation of hard salt. The specific heat transfer rate can be decreased somewhat by using lower water velocities, as well as by increasing the crystallizer wall thickness. 4 figures, 1 table.

SUB CODE: 11,13

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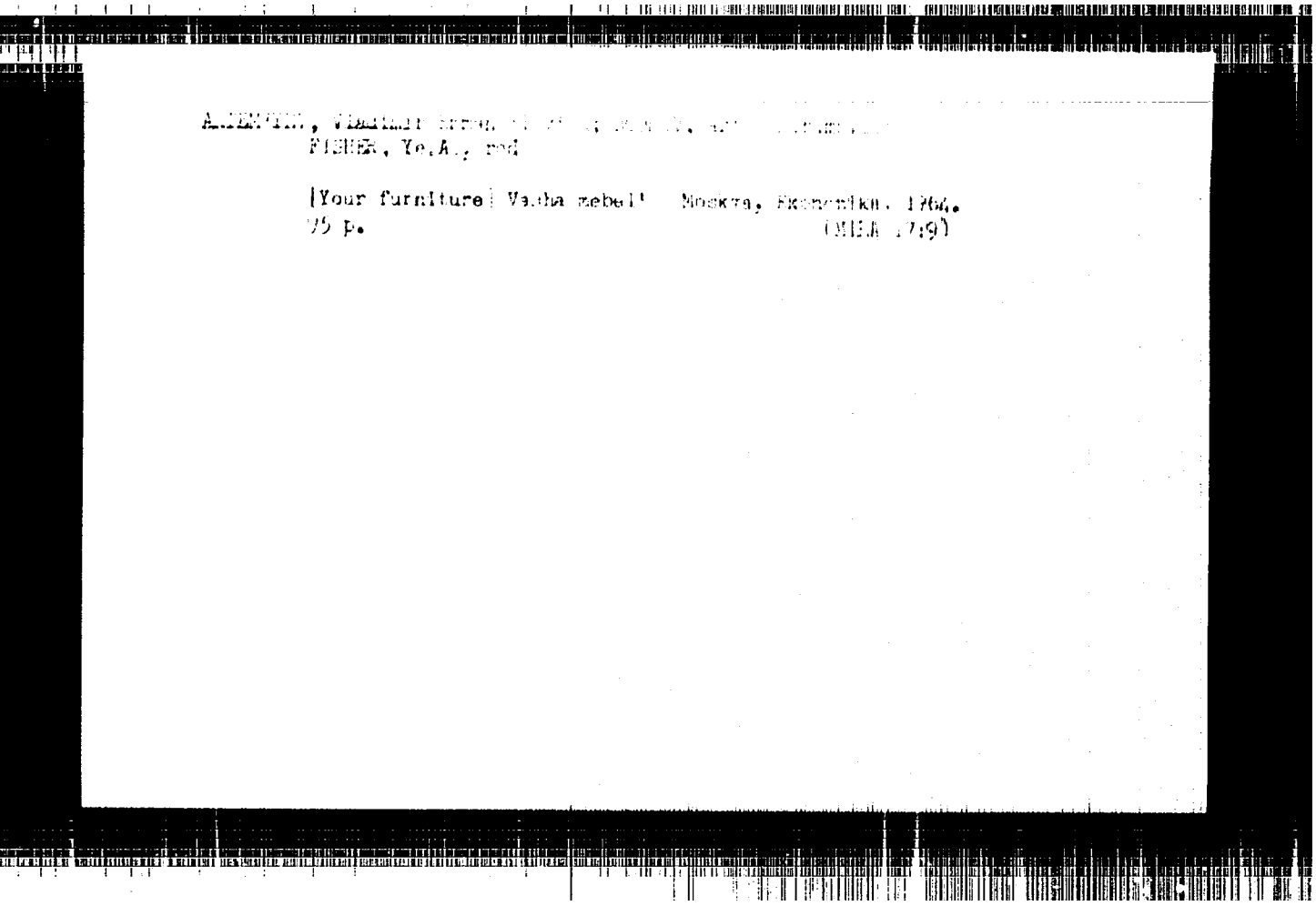

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FISHER, Ye.A., red

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75 p. (MIRA 17:9)

ARTEM'YEV, Vasiliy Fedorovich; GIROGOR'YEVA, A.I., red.; GUREVICH, M.M., tekhn. red.; TRUKHINA, O.N., tekhn. red.

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"The Technology of Making Cast Tools at the Uralmash Plant," Stanki I Instrument, 16, No. 3, 1945

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Cracks in high-speed steel castings and methods of preventing this defect. Vest.mash.27 no.11:39-45 N '47. (MLRA 9:4)
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GORBUL'SKIY, I.Ya.; IVANOV, V.A.; ARTEM'YEV, V.F., redaktor, inzhener; KALETINA, A.V., redaktor, inzhener; [illegible], N.A., tekhnicheskiy redaktor.

[Induction hardening of motor vehicle and tractor parts] Induktsionnaia zakalka avtotraktornykh detalei. Moskva, Gos.nauchno-tekhn. izd-vo mashinostroitel'noi lit-ry, 1955. 119 p. [Microfilm] (MLRA 8:9)
(Metals--Hardening)

112-1-1403

Translation from: Referativnyy Zhurnal, Elektrotekhnika, 1957, Nr 1, p.214 (USSR)

AUTHOR: Artem'yev, V.F.

TITLE: Automation and Mechanization of High-Frequency Tempering in Unit Production (Avtomatizatsiya i mekhanizatsiya vysokochastotnoy zakalki v yedinichnom proizvodstve)

PERIODICAL: From: Primery avtomatiz. i mekhaniz. proiz-va. Moscow - Sverdlovsk, Mashgiz, 1955, pp. 117-125.

ABSTRACT: Bibliographic entry

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S/122/61/000/002/006/011
A161/A126

AUTHORS: Artem'yev, V. F., Engineer, Likhtshteyn, I. F., Engineer

TITLE: New machines for surface hardening of large shafts and gears after heating with high-frequency current

PERIODICAL: Vestnik mashinostroyeniya, no. 2, 1961, 30 - 36

TEXT: A description is given of two surface-hardening machines installed in the Ural'skiy zavod tyazhelogo mashinostroyeniya (Ural Heavy Machinery Plant), developed in cooperation with the Vsesoyuznyy proyektno-tekhnologicheskiy institut tyazhelogo mashinostroyeniya VPTI TYaZhMASh (All-Union Heavy Machinery Design and Technology Institute). One of the machines is of vertical design for hardening shafts and shaft-gears of maximum 6,000 mm length at maximum 3,100 mm hardened section, up to 800 mm in diameter and 10 ton weight. Gears may be spur, helical, or herringbone, with 10 to 50 module. The heating inductor is fed from two generators, 200 kw each. The other accomodates gears 330 to 5,000 mm in diameter and up to 15 ton in weight, and consists of two hardening units and one carriage. Gears are placed on the carriage in the mechanical shop and transported to the hardening section. The two hardening units work simultaneously from diametrically

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