L 11644-66

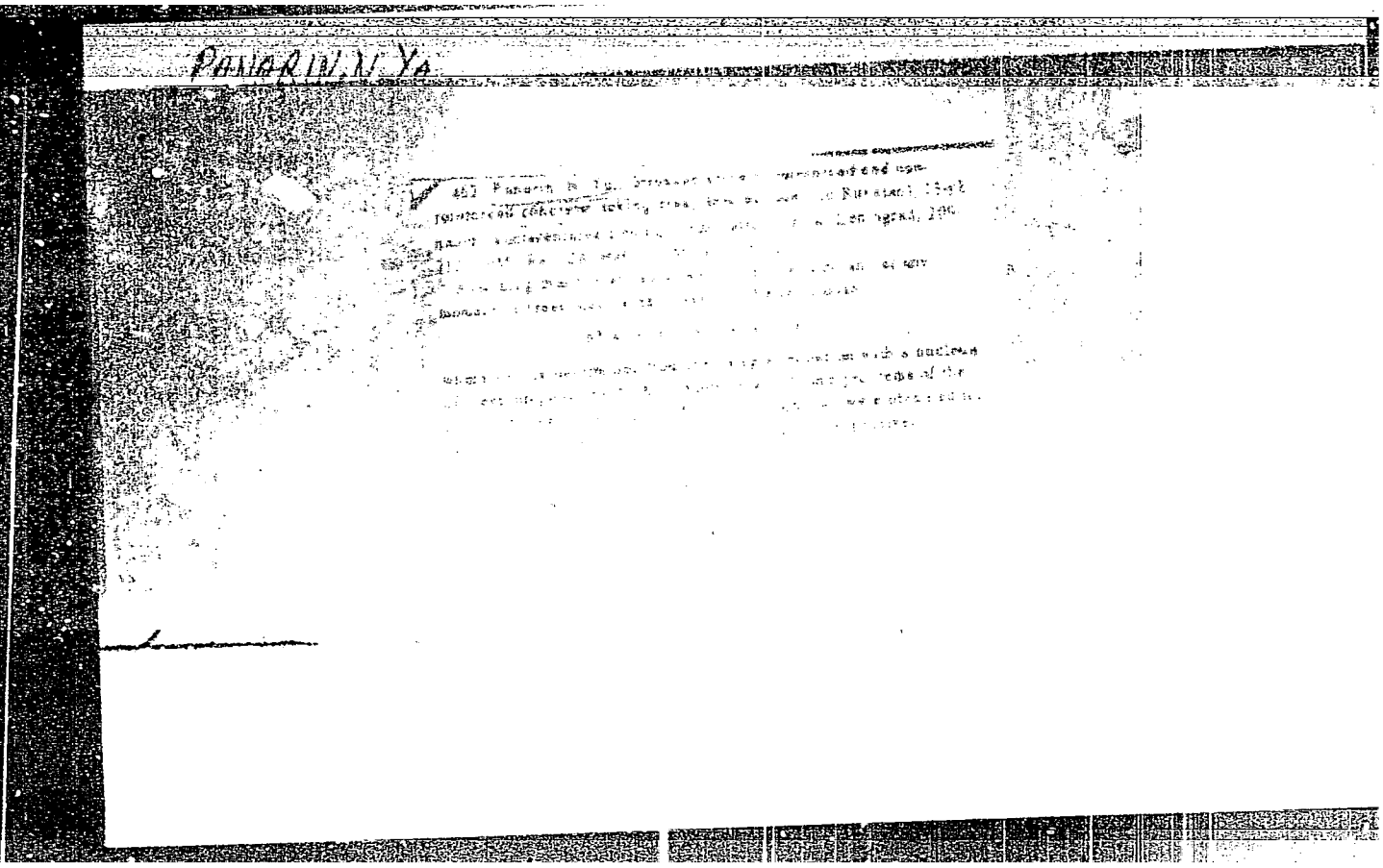
ACC NR: AP6001570

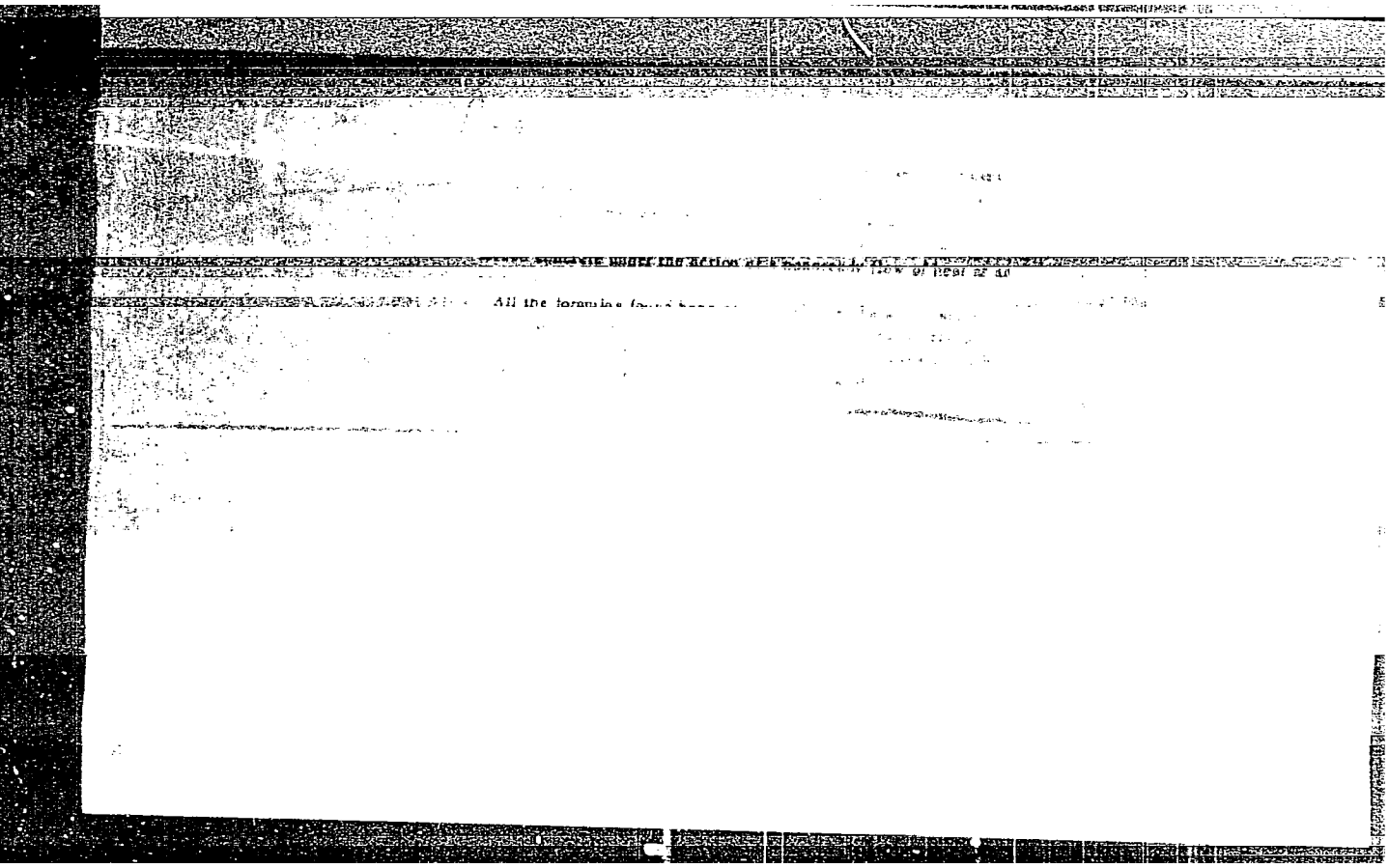
analysis of complex spectra at high efficiency was demonstrated. A schematic outline of the spectrometer arrangement and an electronic circuit diagram are included. According to references cited in the paper, the described spectrometer was similar to the gamma-ray spectrometer used by C. O. Bostrom and I. E. Draper. (Rev. Scient. Instrum. 1961, 32, 38 and Nucl. Phys. 1963, 47, 108). Orig. art. has: [22] 4 figures.

SUB CODE: 20 / SUBM DATE: 9Dec64 / ORIG REF: 003 / OTH REF: 004

ATD PRESS: 4175

Card 2/2





SOV/124-57-3-3523

Translation from: Referativnyy zhurnal. Mekhanika, 1957, Nr 3, p 130 (USSR)

AUTHOR: Panarin, N. Ya.

TITLE: Determination of Thermal Stresses in Concrete With Due Allowance for Creep (Temperaturnyye napryazheniya v betone s uchetom polzuchesti)

PERIODICAL Nauch. tr. Leningr. inzh.-stroit. in-ta, 1956, Nr 23, pp 43-54

ABSTRACT. By utilizing the analytical expressions for the degree of creep and for the variations in the modulus of elasticity of concrete with time as derived in the paper by N. Kh. Arutyunyan [Nekotoryye voprosy teorii polzuchesti (Certain Aspects of the Theory of Creep), Gos'e-khizdat, 1952], the author follows the example of G. N. Maslov (Izv. N.-i. in-ta gidrotekhniki, 1940, Nr 28) in representing stress components in the form of a product of the time and coordinate functions (the coefficient of stress attenuation). A solution for the well-known integral equation of the theory of creep with regard to the attenuation coefficient mentioned above is effected by means of converting the above equation to a nonhomogeneous differential equation of the second order with variable coefficients. By

Card 1/2

Determination of Thermal Stresses in Concrete With Due Allowance for Creep

introducing certain simplifications in the formulas the author arrives at the final computational formulas for the coefficient of attenuation.

M. A. Zadoyan

SOV 124-57 8 9465

Translation from: Referativnyy zhurnal Mekhanika, 1957, Nr 8, p 129 (USSR)

AUTHOR: Panar.n N. Ya.

TITLE: Some Aspects of the Stress Analysis of Statically Indeterminate Reinforced Systems With Allowance Made for Creep (Nekotoryye voprosy rascheta staticheski neopredelimykh armirovannyykh sistem s uchetom polzuchesti)

PERIODICAL: V sb.: 15-ya nauchn. konferentsiya Leningr inzh stroit. in-ta Leningrad, 1957, pp 364-366

ABSTRACT: Bibliographic entry

Card 1/1

PANARIN, N.Ya., dots., kand. tekhn. nauk.

Effect of the creep of concrete on thermal stresses caused by temperature fluctuations in surrounding media. Sbor. nauch.trudov LISI no.26:169-180 '57. (MIRA 12:1)
(Concrete--Testing) (Thermal stresses)

PANARIN, N. Ya., Doc Tech Sci -- (diss) "Certain Problems of Evaluation of Reinforced and Non-Reinforced Concrete [redacted] with Allowance for ~~Into Account Creep.~~" Len, 1957. 27 pp (Min of Higher Education USSR, Len Order of Labor Red Banner Engineering-Construction Inst), 100 copies. List of author's works pp 26-27 (KL, 48-57, 106)

PA - 3569

AUTHOR: PANARIN, N. YA.

TITLE: The Influence of Heat Current on Stress in Rectangular Plate. (Vliyaniye volnovogo potoka tepla na napryazhennoye sostoyaniye pryamougol'noy plity, Russian)

PERIODICAL: Zhurnal Tekhn.Fis. 1957, Vol 27, Nr 5, pp 1121-1124 (U.S.S.R.)

ABSTRACT: The most general solution of this problem is given. The equation for the temperature field of the plate is written down, after which conditions for the components of displacements in the plate and, by utilising the relation between the stresses and the displacements, also the equation for the stresses is written down. From the latter the formula for the general solution of the problem concerning the heat stress state of a freely mounted plate is derived. From this formula also the solution for a quasi-steady temperature state can be found and, if the relative heat transfer coefficient h (from the outer surface of the plate to the air) is assumed to be ∞ , the solution is obtained for the case in which the temperature on the plate surface suddenly becomes equal to that of the surroundings. If the temperature of surroundings is constant, the solution of the problem for the cooling of the plate in surroundings with constant temperature is obtained.

Card 1/2

124-58-9-10451

Translation from: Referativnyy zhurnal, Mekhanika, 1958, Nr 9, p 147 (USSR)

AUTHOR: Panarin, N. Ya.

TITLE: Temperature Stresses in Arches With Transient Heat Flow (Temperaturnyye napryazheniya v arkakh pri nestatsionarnom potoke tepla)

PERIODICAL: Sb. nauchn. tr. Leningr. inzh.-stroit. in-t, 1957 Nr 26, pp 145-160

ABSTRACT: Bibliographic entry. Ref. Sb.: 13-ya nauchn. konferentsiya Leningr. inzh.-stroit. in-ta. Leningrad, 1955, pp 212-214-RzhMekh, 1956, Nr 5, abstract 3141

1. Structures--Stresses 2. Structures--Temperature factors

Card 1/1

SOV/124-58-5-5836 D

Translation from: Referativnyy zhurnal, Mekhanika, 1958, Nr 5, p 129 (USSR)

AUTHOR: Panarin, N. Ya.

TITLE: Some Design Calculation Problems of Reinforced and Nonreinforced Concrete With Considerations of Creep (Nekotoryye voprosy rascheta armirovannogo i nearmirovannogo betona s uchetom polzuchesti)

ABSTRACT: Bibliographic entry on the author's dissertation for the degree of Doctor of Technical Sciences, presented to the Leningr. inzh.-stroit. in-t (Leningrad Institute of Structural Engineering), Leningrad, 1957

ASSOCIATION: Leningr. inzh.-stroit. in-t (Leningrad Institute of Structural Engineering), Leningrad

1. Structures--Design 2. Concrete--Properties
3. Reinforced concrete--Properties
4. Mathematics

Card 1/1

PANARIN, N.Ya., doktor tekhn. nauk, prof.; TARASENKO, I.I., kand. tekhn. nauk, dots.; ROSTOVTSEV, G.G., doktor tekhn. nauk, prof., nauchnyy red.; REYZ, M.B., red. izd-va; VORONETSKAYA, L.V., tekhn. red.

[Strength of materials]Soprotivlenie materialov. Leningrad, Gosstroiizdat, 1962. 528 p. (MIRA 15:9)
(Strength of materials)

KOZLOV, Nikolay Yakovlevich, inzh.; LEVANOV, Nikolay Mikhaylovich, dok.tekhn.nauk, prof.; POLUKHIN, Petr Ivanovich; KRASIL'NIKOV, Aleksey Nikolayevich; PANARIN, Nikolay Yakovlevich; FILIPPOV, Boris Ivanovich; MARTYNOV, A.I., red.; GOROKHOVA, S.S., tekhn.red.

[Technology of the manufacture of vibration rolled elements and their use in the construction industry] Tekhnologiia izgotovleniia vibroprokatnykh konstruktsii i ikh primenenie v stroitel'stve. Moskva, Vysshaia shkola, 1963. 310 p. (MIRA 17:4)

1. Nachal'nik Spetsial'nogo konstruktorskogo byuro Prokatdetal' (for Kozlov, Levanov).

PANARIN, V.G., Inzh.

Concrete placement operations in the construction of a dam.
Energ. stroi no.3:[illegible]

ACC NR: AP7006047 SOURCE CODE: UR/0143/66/000/010/0025/0030

AUTHOR: Makarovskiy, L. Ya. (Engineer); Panarin, V. I. (Engineer); Shchukin, B. D. (Engineer);

ORG: Leningrad Electrical Engineering Institute im. V. I. Ul'yanov (Lenin) (Leningradskiy elektrotekhnicheskiy institut); Kuybyshev Polytechnic Institute im. V. V. Kuybyshev (Kuybyshevskiy politekhnicheskiy institut)

TITLE: Designing the push-pull magnetic amplifier

SOURCE: IVUZ. Energetika, no. 10, 1966, 25-30

TOPIC TAGS: magnetic amplifier, electric motor

ABSTRACT: In automatic control systems of DC motors with pulsed measuring devices which incorporate a monovibrator the pulse signals of the arms of the monovibrators must be converted to DC signals. This may be accomplished with the aid of the push-pull magnetic amplifier (MA) described by the authors. The MA consists of two reactive resistors, two ohmic resistors, two load resistors, one reactive and one ohmic resistor of the smoothing choke at the output of MA. The push-pull MA is constructed from two single-cycle MAs, each connected to one arm of the monovibrator. The design and calculation of MA are based on the similarity of the characteristics of MA fabricated from the same magnetic materials but differing in volume of steel, supply voltage, on taking the following factors into account: maximum and minimum voltages at the output of the

UDC: 621.375.3.001.24

Card 1/2

0927084

ACC NR: AP7006047

single-cycle MA; load resistance; conversion factor of the measuring device. The amplified DC signal from the measuring device is utilized as a control signal and conveyed in this capacity to the excitation winding of the generator in the motor-generator system. Such monovibrator-controlled push-pull MA may serve as meters of the deviation of motor RPM from the established value in automatic control systems designed on the frequency principle. Orig. art. has: 5 figures and 17 formulas. [JPRS: 39,568]

SUB CODE: 09

Card 2/2

S/020/62/147/005/020/032
B106/B186

AUTHORS: Ushakov, S. N., Corresponding Member AS USSR, Panarin, Ye. F.

TITLE: Combination of penicillins with water-soluble polymers

PERIODICAL: Akademiya nauk SSSR. Doklady, v. 147, no. 5, 1962, 1102-1104

TEXT: Penicillin G and penicillin V were bound by salification to water-soluble copolymers of vinyl amine with vinyl alcohol in order to regulate the duration of stay of the penicillin preparation in the organism by changing the molecular weight of the polymer. To produce the copolymers, vinyl acetate was first copolymerized with vinyl phthalimide in molar ratios between 49:1 and 9:1 in toluene at 70°C. The reaction product (60 % yield) was heated on a water bath with a fivefold excess of hydrazine hydrate to form the copolymer desired. The copolymers used contained about 2 mole % of vinyl amine components. For salification of the copolymer with penicillin G, the solution of the penicillin (in the form of free acid) in chloroform was mixed with the aqueous solution of the copolymer. The resulting emulsion was poured into acetone whereupon the polymeric salt precipitated (95 % yield). The salt contained 11.22 % by weight of penicillin. The poorly water-soluble penicillin V in solid

Card 1/2

Combination of penicillins with ...

state was made to react, in small excess, with the aqueous solution of the copolymer; with increasing salification, it went into solution. Precipitation with acetone gave a 97 % yield of salt which contained 13.6 % by weight of penicillin. Both the polymeric salts can be dissolved in water, reprecipitated, or left standing in solution without decomposing. On addition of certain cross-linking substances (e.g., Congo red) to the aqueous solution of the polymeric salts, thixotropic gels are formed which, in a molten state, can be used for injections. The biological activity of the polymeric salts of penicillins is the same as that of standard penicillin solutions.

ASSOCIATION: Leningradskiy tekhnologicheskiy institut im. Lensoveta (Leningrad Technological Institute imeni Lensovet)

SUBMITTED: May 7, 1962

Card 2/2

USHAKOV, S.N.; PANARIN, Ye.F.

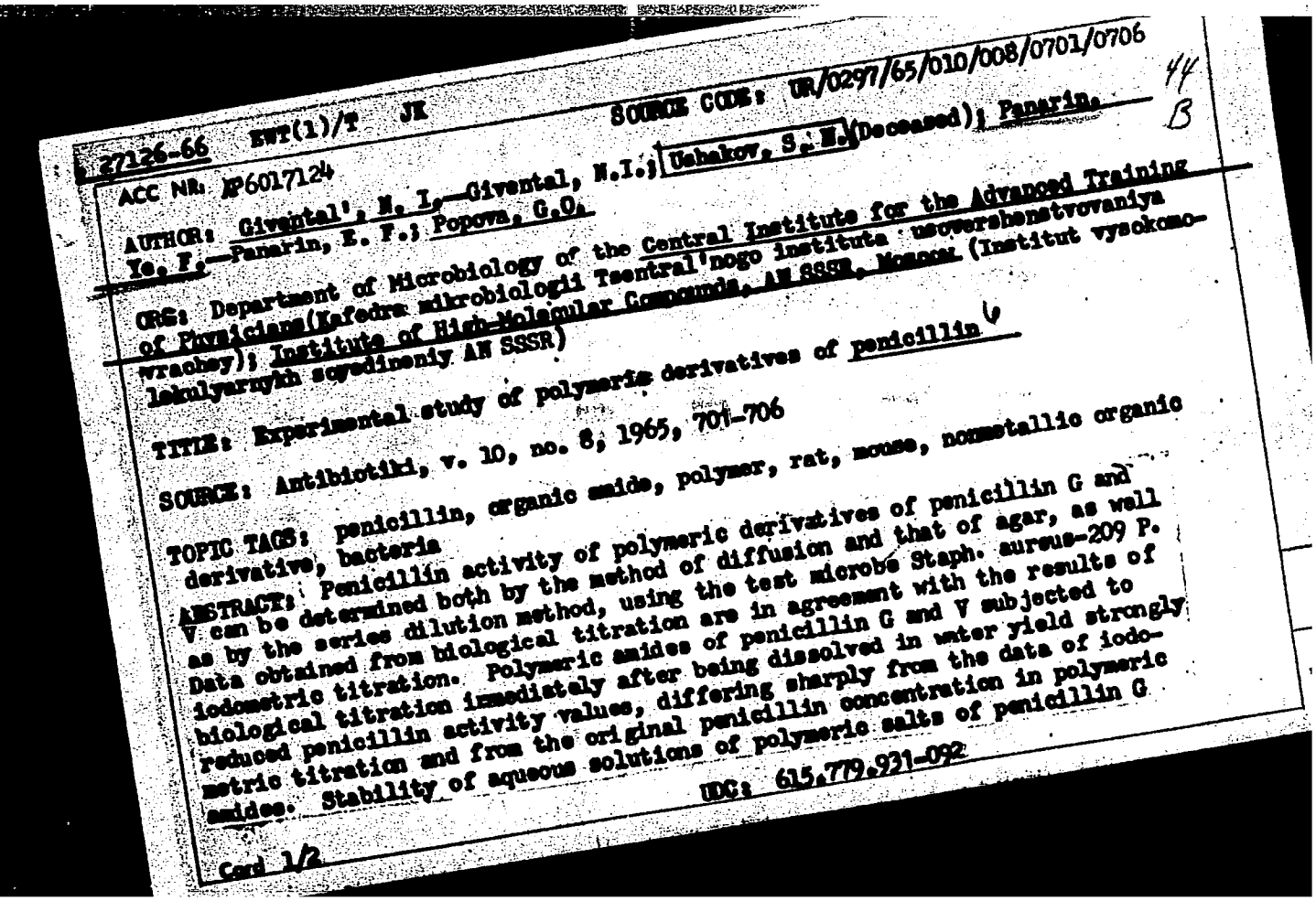
Synthesis of high-molecular weight amides and hydrazides of penicillins. Dokl. AN SSSR 149 no.2:334-337 Mr '63. (MIRA 16:3)

1. Leningradskiy tekhnologicheskiy institut im. Lensoveta.
2. Chlen-korrespondent AN SSSR (for Ushakov).
(Amides) (Hydrazides) (Penicillin)

PANARIN, Ye.F.; SOLOVSKIY, M.V.

Study of acid inactivation of polymer salts and amides of benzylpenicillin. Antibiotiki 11 no.11:1006-1008. N '66. (MIRA 19:1)

1. Institut vysokomolekulyarnykh soyedineniy AN SSSR, Leningrad. Submitted March 18, 1965.



L 27126-66 EWT(1)/T JK SOURCE CODE: UR/0297/65/010/008/0701/0706

ACC NR: AP6017124

AUTHOR: Givental', N. I.—Givental, N.I.; Ushakov, S. N. (Deceased); Panarin, Ye. F.—Panarin, E. F.; Popova, G.O.

ORG: Department of Microbiology of the Central Institute for the Advanced Training of Physicians (Kafedra mikrobiologii Tsentral'nogo instituta usovershenstvovaniya vrachey); Institute of High-Molecular Compounds, AN SSSR, Moscow (Institut vysokomolekulyarnykh soyedineniy AN SSSR)

TITLE: Experimental study of polymeric derivatives of penicillin

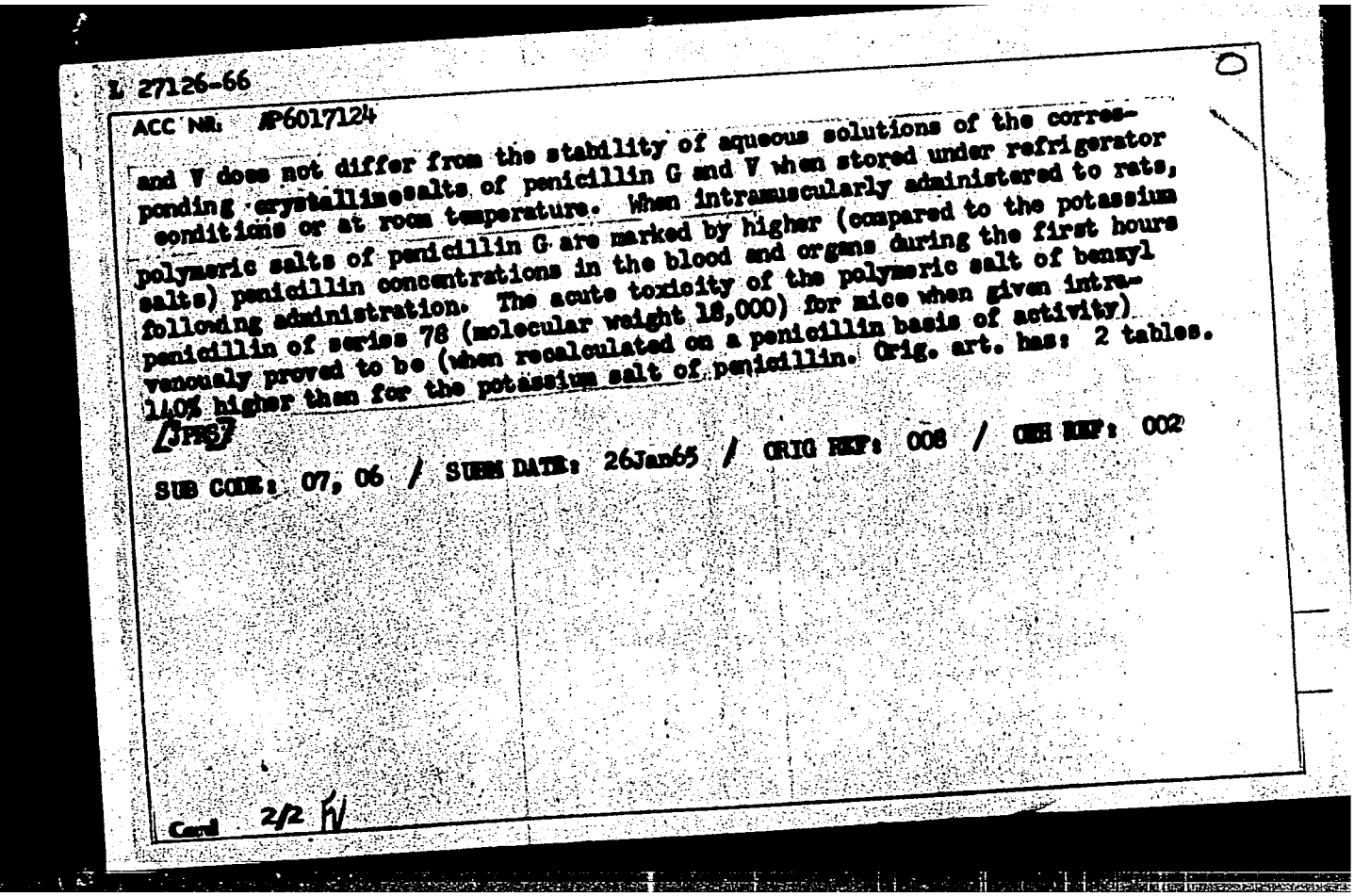
SOURCE: Antibiotiki, v. 10, no. 8, 1965, 701-706

TOPIC TAGS: penicillin, organic amide, polymer, rat, mouse, nonmetallic organic derivative, bacteria

ABSTRACT: Penicillin activity of polymeric derivatives of penicillin G and V can be determined both by the method of diffusion and that of agar, as well as by the series dilution method, using the test microbe Staph. aureus-209 P. Data obtained from biological titration are in agreement with the results of iodometric titration. Polymeric amides of penicillin G and V subjected to biological titration immediately after being dissolved in water yield strongly reduced penicillin activity values, differing sharply from the data of iodometric titration and from the original penicillin concentration in polymeric amides. Stability of aqueous solutions of polymeric salts of penicillin G

UDC: 615.779.931-092

Card 1/2



L 27126-66

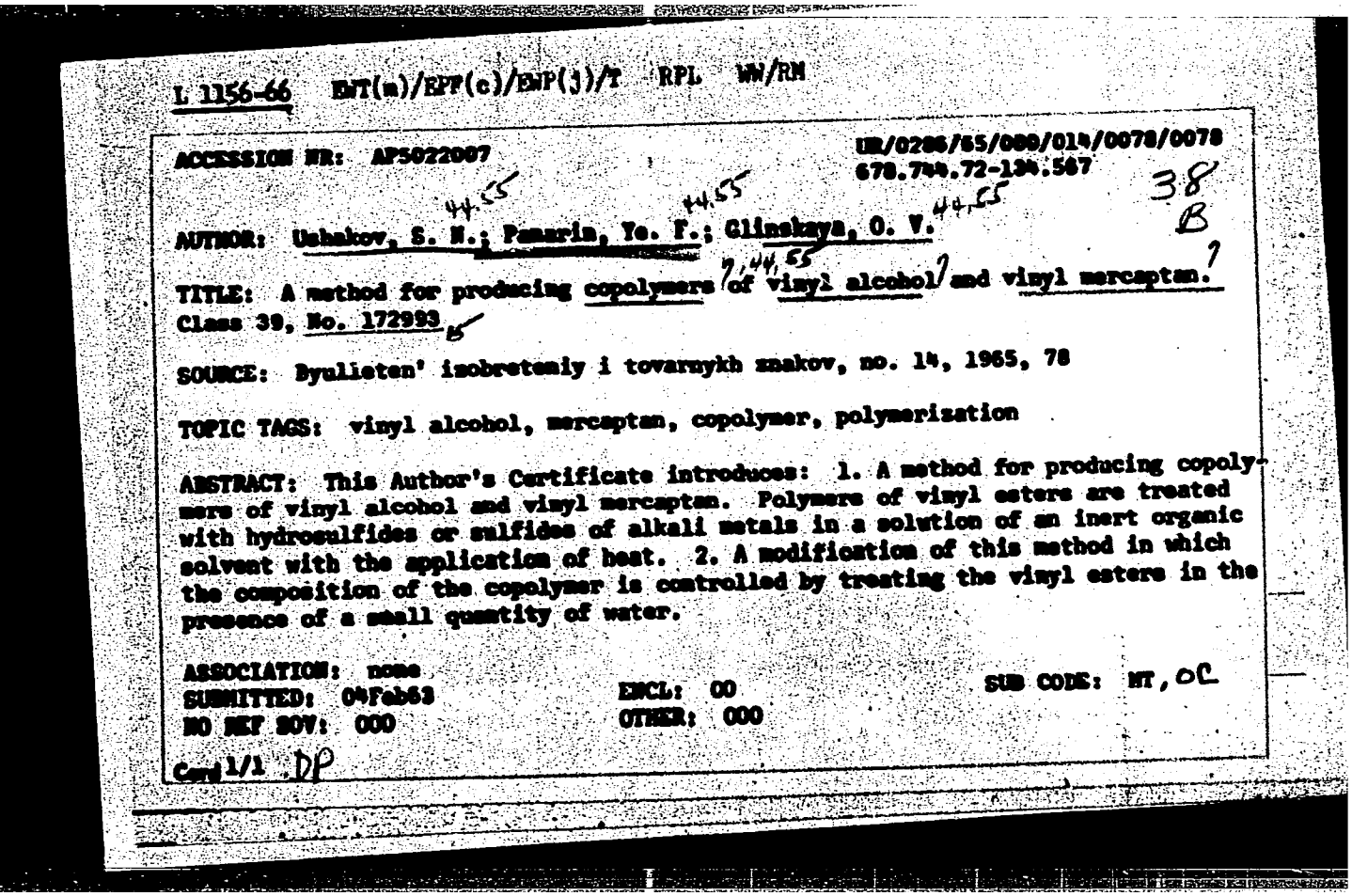
ACC NR: AP6017124

and V does not differ from the stability of aqueous solutions of the corresponding crystalline salts of penicillin G and V when stored under refrigerator conditions or at room temperature. When intramuscularly administered to rats, polymeric salts of penicillin G are marked by higher (compared to the potassium salts) penicillin concentrations in the blood and organs during the first hours following administration. The acute toxicity of the polymeric salt of benzyl penicillin of series 78 (molecular weight 18,000) for mice when given intravenously proved to be (when recalculated on a penicillin basis of activity) 140% higher than for the potassium salt of penicillin. Orig. art. has: 2 tables.

[JPRS]

SUB CODE: 07, 06 / SUBM DATE: 26Jan65 / ORIG REF: 008 / OTH REF: 002

Card 2/2 FV



L 1156-66 EWT(m)/EPF(c)/EWP(j)/T RPL WW/RM

ACCESSION NR: AP5022007 UR/0286/65/000/014/0078/0078
678.744.72-134.567

AUTHOR: Ushakov, S. N.; Panarin, Ye. F.; Glinskaya, O. V. 44,55 38 B

TITLE: A method for producing copolymers of vinyl alcohol and vinyl mercaptan. Class 39, No. 172993

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 14, 1965, 78

TOPIC TAGS: vinyl alcohol, mercaptan, copolymer, polymerization

ABSTRACT: This Author's Certificate introduces: 1. A method for producing copolymers of vinyl alcohol and vinyl mercaptan. Polymers of vinyl esters are treated with hydrosulfides or sulfides of alkali metals in a solution of an inert organic solvent with the application of heat. 2. A modification of this method in which the composition of the copolymer is controlled by treating the vinyl esters in the presence of a small quantity of water.

ASSOCIATION: none
SUBMITTED: 04Feb63 ENCL: 00 SUB CODE: MT, OC
NO REF SOV: 000 OTHER: 000

Card 1/1 DP

KRYZHANOVSKAYA, I.A.; PANARINA, A.A.

Reducing the moisture in cement-raw material slurry by introducing diluents from wastes in the production of ozocerite. Trudy IUzhgiprotsementa no.5:33-40 '63. (MIRA 17:12)

L 48107-65 EWT(m)/EWP(t)/EWP(b) IJP(c) JD UR/0032/65/031/005/0561/0562

ACCESSION NR: AP5012493

AUTHOR: Vasilevskaya, L. S.; Kondrashina, A. I.; Makarova, G. A.; Panarina, N. A.

TITLE: Spectroscopic determination of impurities in silicon carbide

SOURCE: Zavodskaya laboratoriya, v. 31, no. 5, 1965, 561-562

TOPIC TAGS: silicon carbide, spectroscopic analysis, impurity determination, direct arc excitation

ABSTRACT: Direct spectroscopic determination of 12 impurity elements in silicon carbide, previously practically impossible in most cases, has been developed using excitation by direct current arc in argon stream. A spherical quartz chamber was designed specifically for this purpose and was described in detail. The arc was excited between graphite electrodes placed in the chamber while a stream of argon was directed through it. The powdered sample was in the cavity of the lower electrode. The emission spectra of the samples and standards were recorded on the same photographic plate. The standards were prepared on a silicon carbide base. Sensitivity of determinations was in the 3×10^{-4}—3×10^{-5}% range and the relative error was 30—35%. Orig. art. has: 1 figure. [JK]

Card 1/2

L 48107-65

ACCESSION NR: AP5012493

ASSOCIATION: Gosudarstvennyy nauchno-issledovatel'skiy i proyektnyy institut redkometallicheskoy promyshlennosti (State Design and Planning Scientific Research Institute of the Rare Metals Industry)

SUBMITTED: 00	ENCL: 00	SUB CODE: IC, OP
NO REF SOV: 000	OTHER: 001	ATD PRESS: 4002

Card 2/2

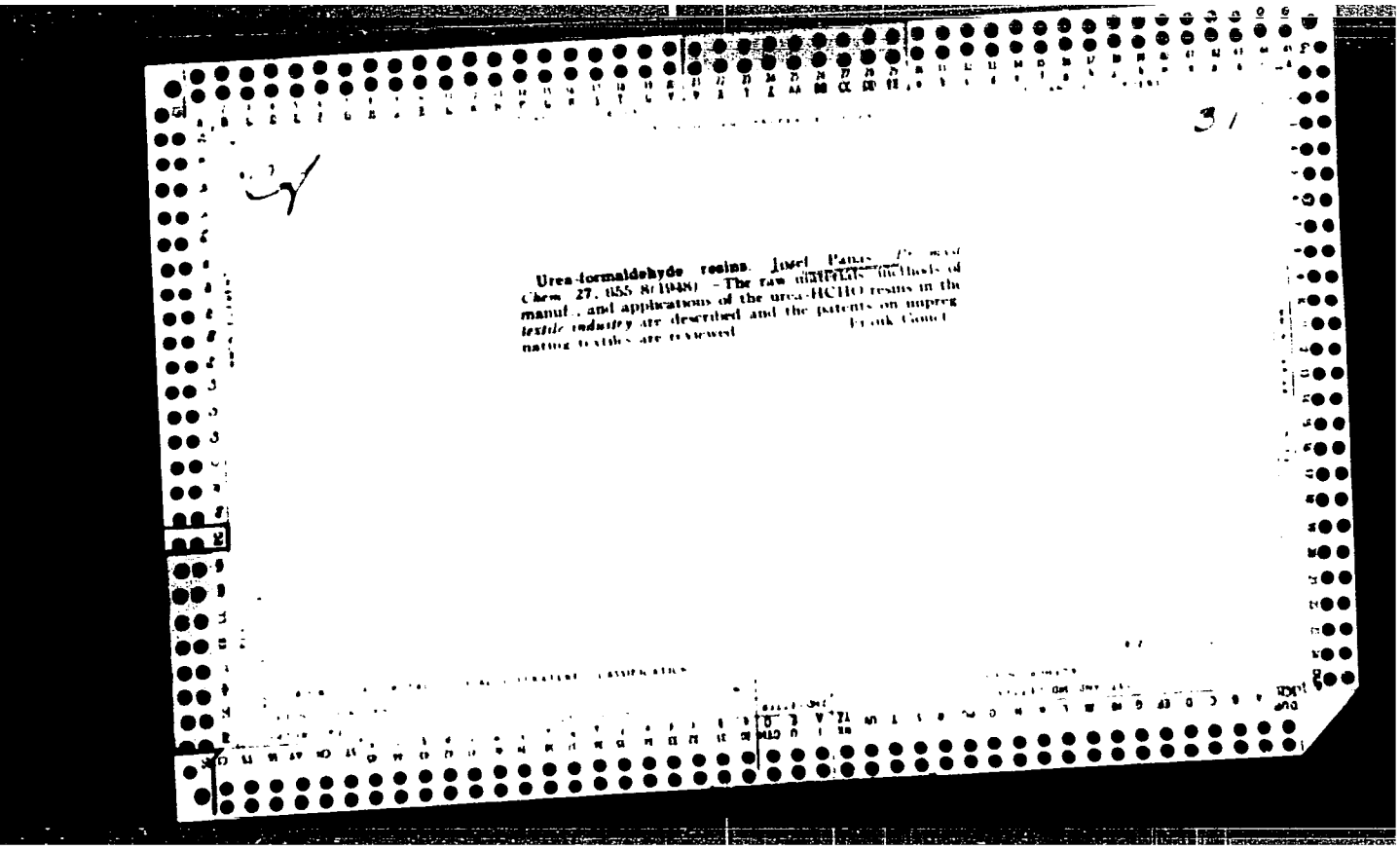
PANAS, J.,
CHMIELEWSKA, I., (Przem. Chem., 1950, 6, 288-296)

PANAS, Jerzy

Secretion of chlor ion by gastric wall in ulcer before and after operation. Polski przegl.chir. 27 no.4:299-308 Apr '55.

1. Z III Kliniki Chirurgicznej A.M. w Krakowie. Kierownik: prof. dr. J.Jasienski. Krakow, ul.Pradnicka 37-III Klinika Chirurgiczna A.M.

(PEPTIC ULCER, surgery,
postop.chlorides secretion through gastric wall)
(CHLORIDES, metabolism
secretion through gastric wall in ulcer after gastric resection)



Urea-formaldehyde resins. Josef Pa... Chem. 27, 655-8(1948). - The raw materials, methods of manuf., and applications of the urea-HCHO resins in the textile industry are described and the patents on impreg nating textiles are reviewed. Frank Gerrit

DOMANUS, Stefania; PANAS, Jozef; GRZYBOWSKI, Zygmunt; CZARNOMSKA, Krystyna

Studies on obtaining uranium from Polish uranium ore. Nukleonika 7 no.7/8:487-493 '62.

1. Instytut Badan Jadrowych, Polska Akademia Nauk, Zaklad Technologii Chemicznej, Warszawa.

1. PANAS, P.

2. USSR (600)

4. Collective Farms

7. Leading the masses. Kolkh. proiz. 12, no. 12, 19[illegible]2.

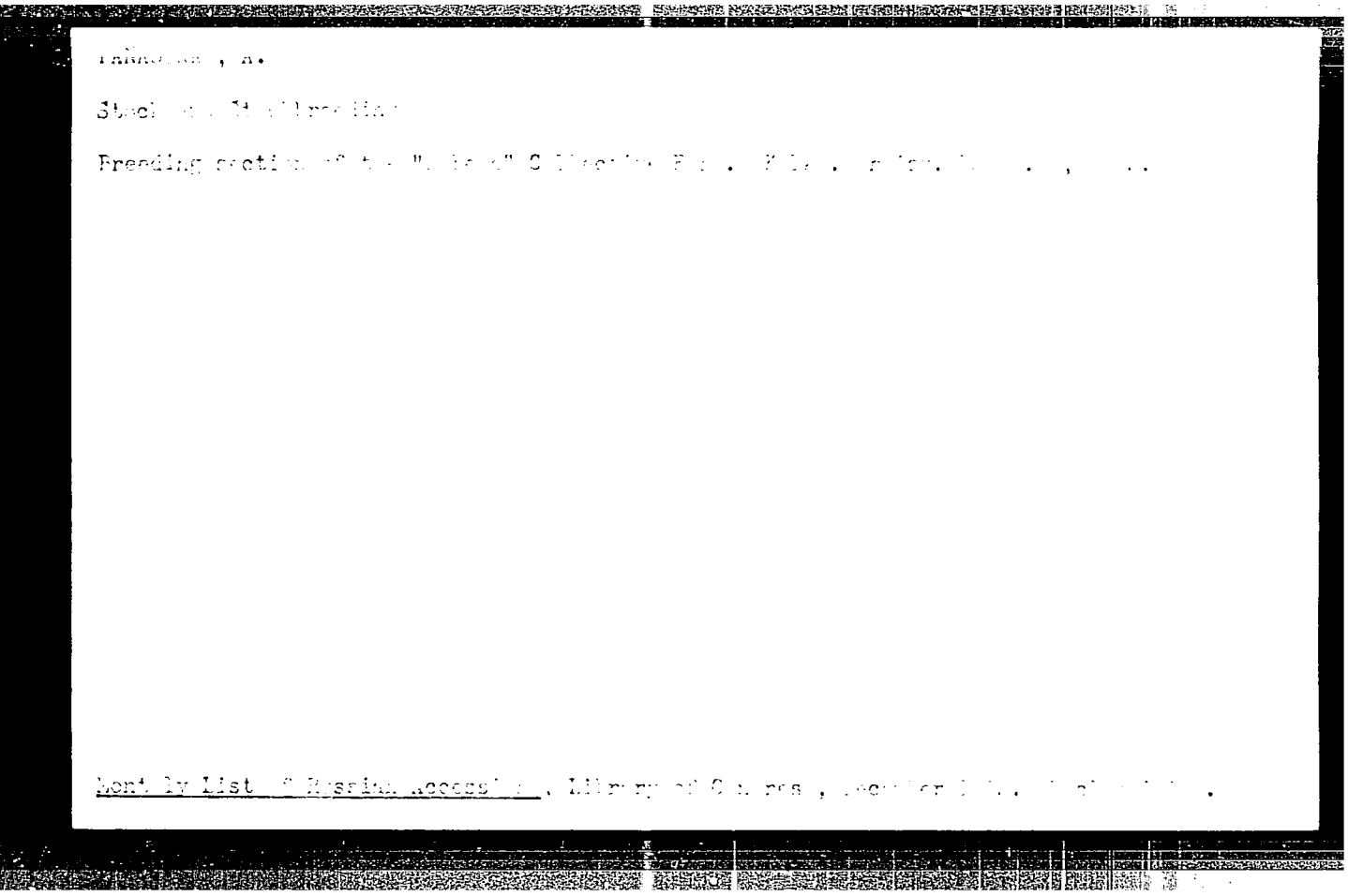
9. Monthly List of Russian Accessions, Library of Congress, March 19[illegible]3. Unclassified.

WOJDYLO, Leon; PANAS, Stanislawa

Late sequels of infectious hepatitis; study of 70 subjects 3-4 years after infection. Polski tygod. lek. 13 no.45:1761-1777 10 Nov 58.

1. Z II Kliniki Chorob Wewnetrznych A.M. w Lublinie; kierownik: prof. dr. med. A. R. Tuszkiewicz. Adres: Lublin, ul. Staszica 28 II Klin. Chor. Wewn. A.M.

(HEPATITIS, INFECTIOUS, complications late sequels (Pol))



PANASENKO, A.

Stand for tightening sieves. Muk.-elev.prom.21 no.6:24 Je '55.
(MLRA 8:10)

1. Kiyevskaya mel'nitsa No.2.
(Flour mills--Equipment and supplies)

PANASENKO, A.

Pneumatic aspirators with centrifugal dust bins. Muk.-elev. prom. 24 no.12:17 D '58. (MIRA 12:1)

1.Glavnyy inzhener Kiyevskoy mel'nitsy No.2.
(Grain-handling machinery)
(Exhaust systems)

PANASENKO, A., inzh.

The performance of ZKM-60 washing machines has been improved.
Muk.-elev.prom. 25 no.3:29 Mr '59. (MIRA 12:6)

1. Kiyevskaya mel'nitsa No.2.
(Flour mills--Equipment and supplies)

SIGOLAYEV, G.; PANASENKO, A.

State bank business and people. Den. i kred. 19 no.11:43-51 N '61. (MIRA 14:12)

1. Glavnyy bukhgalter Khersonskoy oblastnoy kontory Gosbanka (for Sigolayev). 2. Upravlyayushchey Petropavlovskim otdeleniyem Gosbanka (for Panasenko).
(Genichesk—Banks and banking—Auditing and inspection)
(Petropavlovka (Dnepropetrovsk Province)—Banks and banking)

PANASENKO, A.

For efficiency in economic work. Den. i kred. 20 no.3:53-56 Mr '62. (MIRA 15:3)

1. Upravlyayushchiy Petropavlovskim otdeleniyem Gosbanka Dnepropetrovskoy oblasti.
(Petropavlovka District--Banks and banking)
(Petropavlovka District--Collective farms--Finance)

PAPISOV, I. M.; PISARENKO, T. A.; PANASENKO, A.A.; KABANOV, V.A.; KARGIN, V. A., akademik

Nature of the initiator and the phase state of acetaldehyde as influencing the chemical structure of macromolecules formed during acetaldehyde polymerization. Dokl. AN SSSR 156 no. 3:664-667 '64. (MIRA 17:5)

1. Moskovskiy gosudarstvennyy universitet im. M.V.Lomonosova.

PANASENKO, A. D.

Mekhanizatsiia gidromeliorativnykh rabot. Lopushcheno v kachestve ucheb. posobiia dlia gidromeliorativnkh tekhnikumov. Mechanization of hydraulic engineering in land reclamation. Moskva, Gos. izdvo sel'khoz. lit-ry, 1950. 333 p. (Uchebniki i uchebnye posobiia dlia sel'skokhoziaistvennykh tekhnikumov) (51-32004)

TC145.P26

PANASENKO, A. D. and KORCHOUNOFF, G. S.

"Amelioration of Public Works Equipment," 1951.

ASKALONOV, Veniamin Vasil'yevich, doktor geologo-mineralogicheskikh nauk; TOKIN, Anatoliy Nikolayevich, inzh.; GORCHAKOV, A.V., otvetstvennyy red.; PANASENKO, A.D., kand.tekhn.nauk, nauchnyy red.; ZLATOTSVETOVA, I.I., red.; VASILEVSKIY, B.A., tekhn.red.

[Buildings and installations of soil cement] Zdaniia i sooruzheniia iz tsementogrunta. Moskva, TSentr.biuro tekhn.inform., 1957. 111 p. (Soil cement) (MIRA 11:3)

NIKOLAYEV, I.I., kandidat tekhnicheskikh nauk, starshiy nauchnyy sotrudnik; VASIL'YEV, M.V., kandidat tekhnicheskikh nauk, starshiy nauchnyy sotrudnik; PANASENKO, A.D., kandidat tekhnicheskikh nauk, [illegible] redaktor; BEGAK, B.A., redaktor izdatel'stva; TOKER, A.M., tekhnicheskiy redaktor

[Plans for comprehensive mechanization of construction work] Skhemy kompleksnoi mekhanizatsii stroitel'nykh rabot. Moskva, Gos. izd-vo lit-ry po stroit. i arkhit. No.2, sec.4. [Earthwork in the construction of irrigation systems] Zemlianye raboty pri stroitel'stve orositel'nykh sistem. 1957. 119 p. (MLRA 10:10)

1. Akademiya stroitel'stva i arkhitektury SSSR. Institut organizatsii i mekhanizatsii stroitel'stva. 2. Sredneaziatskiy nauchno-issledovatel'skiy institut irrigatsii (for Vasil'yev, Nikolayev)
(Earthowrk)

TYAZHELOV, B.P., SHNIPKO, Ye.V., [deceased], PANASENKO, A.D., kand.tekhn.nauk. red.; GORDEYEV, P.A., red.izd-va., STEPANOVA, E.S., tekhn.red.

[Earthwork under winter conditions] Zemlianye raboty v zimnikh usloviiakh. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1958. 177 p. (MIRA 11:9)
(Earthwork--Cold weather conditions)

PANASENKO, Aleksandr Dmitriyevich, kand. tekhn. nauk; POPOV, V.I., red.

[Water pumps] Vodianye nasosy. Moskva, Izd-vo "Lesnaia promyshlennost'," 19[illegible]. 140 p. (MIRA 17:6)

PANASENKO, A.G., redaktor

[Cattle] Krupnyi rogatyi skot. Izd. 2-oe, perer. Alma-Ata, Kazakhskoe gos. izd-vo, 1955. 235 p. (MLRA 10:1)
(Kazakstan--Cattle)

Country : USSR
Category : Farm Animals. Q-2
Cattle.
Abs. Jour : Ref Zhur-Biol., No 16, 1958, 74055

Author : Pamsenko, A. G.; Vesyutin, G. F.
Institut. : Alma-Ata Zooveterinary Institute.
Title : Meat Qualities of the Aulieatinskiy Cattle of Kazakhstan.

Orig Pub. : Tr. Alma-Atinsk. zoovet. in-ta, 1957, 10, 41-47
Abstract : In the course of 10 days, 44 young castrated bulls of the Aulieatinskiy breed were fattened on pasture without being additionally fed concentrates. During the time of fattening, the live weight of the castrated animals increased on the average by 62 kg, the average daily weight gain amounted to 770 g, the carcass yield (after slaughtering) to 55.3 percent. The meat of the castrated animals contained 16.22 percent of proteins, 20.61 percent of

Card: 1/2

Country : USSR
Category : Farm Animals. Cattle. Q-2
Abs. Jour : Ref Zhur-Biol., No 1, 1958, 74011

Author : Panasenko, A. G.; Yesyutin, G. P.; Dianov, V. S.
Institut. : Alma-Ata Zooveterinary Institute.
Title : Planned Raising of Calves of the Aulieata Breed at the Pakhta-Aral Sovkhoz.

Orig Pub. : Tr. Alma-Atinsk. zoovet. in-ta, 1957, 10, 98-65
Abstract : As calves of the Aulieata breed were raised using higher feeding norms, the time of their fitness for utilization from the economic and breeding points of view were accelerated, their live weights, milk productivity and the milk's fat content were increased.

Card: 1/1

PANASENKO, A. G., Doc Agric Sci (diss) -- "Auliye-Ata cattle of Southern Kazakhstan and methods of improving them". Alma-Ata, 1959. 24 pp (Min Agric USSR, Alma-Ata Zoovet Inst, Inst of Animal Husbandry of the Kazakh Acad Agric Sci), 150 copies (KL, No 24, 1959, 144)

PANASENKO, Aleksey Gavrilovich, kand. sel'skokhozyaystvennykh nauk; SHVYDKO, Z.A., red.; ZYUBIN, M.V., tekhn. red.

[Keeping and raising all the young] Polnost'iu sokhranit' i vyrastit' molodniak. Alma-Ata, Kazakhskoe gos. izd-vo, 1956. 17 p. (MIRA 11:7)
(Kazakhstan--Dairy cattle)

KUSHNAREV, D.N., kandidat tekhnicheskikh nauk; PANASENKO, A.S., kandidat tekhnicheskikh nauk.

Over-all mechanization of canal construction. Mekh.trud.rab. 11 no.5:37-40 My '57. (MIRA 10:7)
(Canals) (Dredging machinery)

PANASENKO, A.V.

Make way for two-column drilling. Neftianik 2 no.10:35 O '57.
(MIRA 10:12)

1. Starshiy instruktor kontory bureniya No.1 tresta Tuymazaburneft'.
(Oil well drilling)

14(5) SOV/92-58-12-5/24

AUTHOR: Panasenko, A.V., Technician

TITLE: The Tuymazy Drillers Are Learning New Techniques (Tuymazinskiye buroviki osvaivayut novuyu tekhniku)

PERIODICAL: Neftyanik, 1958, Nr 12, pp 6-7 (USSR)

ABSTRACT: According to this article directional drilling is an intricate job requiring good drilling equipment and particular attention from the drilling crew. For this operation the first drilling office of the Tuymazaburneft' Trust employees either the T-12M2-10" turbo-drill with a 2.5 -3° deflection of the upper whipstock, or a shortened electrical drill with a 2.5° deflection in the whipstock. A considerable correction of the azimuth and angle is made in drilling the borehole for the second pipe string by using a shortened 10" turbo-drill. The 5" or 6" drilling tools are to be used in this case. To compensate for the reaction moment of the turbo-drill a 3 -5°deflection is provided for the 6" tool, and 5 -7° for the 5" tool, each of them being designed for drilling 100 m. In drilling a borehole for the surface casing it is necessary to see that this part of the stem section has a vertical direction. Due to the fact that upper formations may be loose, it is not always possible to proceed with logging of cores at an interval of 180-200 m. The procedure of sinking drilling tools still further and of sighting operations is also described by the author. He

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recommends that in drilling a well having a complicated profile the gaging of deflection and azimuth be carried out by the same geophysical crew. For sometime electrical drills have also been used for directional drilling. In the first drilling office of the Tuymazaburneft' Trust this method of drilling directional boreholes has found a wide application, and an average commercial drilling speed of 2,252 m per rig per month has been attained. In conclusion, the author states that drillers are anxious to receive the impulse inclinometer which is being developed by the construction bureau of the petroleum industry. It is expected that this instrument will be of great help for drillers engaged in directional drilling.

ASSOCIATION: Pervaya kontora bureniya tresta Tuymazaburneft' (The First Drilling Office of the Tuymazaburneft')

PANASENKO, A.V., instruktor

Device for cleaning drill pipes while they are being raised.
Neftianik 7 no.6:25 Je '62. (MIRA 15:8)

1. Pyatigorskaya nauchno-issledovatel'skaya stantsiya.
(Oil well drilling—Equipment and supplies)

L 40786-66 EWT(d)/EWT(m)/EWP(w)/EWP(t) IJP(c) RM/WW

ACC NR: AP6018603 SOURCE CODE: UR/0420/66/000/004/0052/0061

AUTHOR: Panasenko, B. A.

ORG: Kharkov Aviation Institute (Khar'kovskiy aviatsionnyy institut)

TITLE: Axial compression of sandwich cylinders and panels with a corrugated interlayer and elastic framing

SOURCE: Samoletostroyeniye i tekhnika vozdushnogo flota, no. 4, 1966, 52-61

TOPIC TAGS: structure panel, sandwich structure, compressive stress, potential energy, shear modulus, elastic modulus

ABSTRACT: The author derives expressions for determining the critical load on cylinders and panels with a corrugated interlayer under compression along the generatrices with transverse elastic framing members. Right circular cylinders and cylindrical and flat panels with outer sheeting of identical thickness are studied. It is assumed that the corrugation may have any form and is made from the same material as the sheeting. The framing members are spaced at equal intervals. It is assumed in the calculations that the corrugation is replaced by some continuous orthotropic layer averaged throughout the entire volume and having certain definite characteristics. The modulus of normal elasticity perpendicular to the corrugated ribs and the shear modulus in the plane of the ribs are assumed to be zero and infinity respectively. A formula is derived for the potential energy of the entire cylinder, and differential equations are given for

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L 40786-66

ACC NR: AP6018603

determining the minimum potential energy of the system as a whole during loss of stability. By subtracting the equations corresponding to the state of the cylinder before loss of stability from those corresponding to the state of the cylinder after loss of stability, a system of homogeneous linear equations is obtained which is used as a basis in deriving a dimensionless expression for the critical running force taking account of bending, tension and shear in the framing members. An extremely simple general expression is found for determining critical stresses in circular cylinders, and special forms of this equation are given for cylindrical and flat sandwich panels. Orig. art. has: 3 figures, 35 formulas.

SUB CODE: 20/ DATE SUBM: none/ ORIG REF: 002/ OTH REF: 001

Card 2/2

L 52046-65 EWT(l) SEC(b)-2 EWA(h) Pm-4 Pn-4 Pac-4/Peb/Pi-4 P-4 Pk-
GS

ACCESSION NR: AT5007874 S/0000/64/000/000/0003/0019

AUTHOR: Beruashvili, V. A.; Panasenko, B. A.; Namtalishvili, M. I. 42 B+1

TITLE: Diode logic elements from shf printed strip lines 25

SOURCE: AN GruzSSR, Institut kibernetiki. Elementy kiberneticheskikh sistem (Elements of cybernetic systems). Tiflis, Izd-vo Metsniyereba, 1964, 3-19

TOPIC TAGS: high speed computer, microwave component, 25 logic element, half-adder

ABSTRACT: Centimeter and millimeter band SHF oscillations offer a solution to the difficult practical problem of reducing the time constants of processes to increase the speed of computers. The time constant of a process is inversely proportional to Δf, which in these bands can be several thousand Mc. Information can be represented by amplitude, frequency, or phase. The authors discuss amplitude representation of binary signals by the presence or absence of a carrier. A travelling wave tube recirculator can be used as a memory element (i.e., amplifier and delay line), but the large size and delay time of this tube limit its usefulness. A basic microwave "valve" or gate employing printed strip line and a crystal modulator is described. "AND", "OR", and "NOT" circuits using DG-S1 diodes and strip line for gates, operating at about 3,000 Mc are discussed briefly. There are also de-

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L 52046-65

ACCESSION NR: AT5007874

scriptions and photographs of: (1) a half-adder using strip line, DG-S1 diode (as gate), and Ge diode D-602A (as detector) at 2,800 Mc; and (2) a 3-place parallel adder operating at 2,900 Mc. The authors conclude that printed strip line can be used for small, simple, high-speed logic elements. However, available microwave diodes are badly matched to strip lines; the requirement of amplification complicates circuitry; and printed strip lines operate satisfactorily only up to frequencies of about 6,000 Mc. Orig. art. has: 13 figures, 2 tables.

ASSOCIATION: none

SUBMITTED: 07Jul64 ENCL: 00 SUB CODE: DP,EC

NO REF SOV: 003 OTHER: 006

Card 2/2

Panasenko, D.S

OL'KHOVSKIY, I.A.; PANASENKO, D.S.

Ladle brick production from Kumak deposit clays. Ogneupory 20 no.7: 298-302 '55. (MLRA 9:1)

1.Ural'skoye otdeleniye instituta ogneuporov (for Ol'khovskiy).
2.Ogneupornyy tsekh Orsko-Khalilovskogo metallurgicheskogo kombinata (for Panasenko).
(Firebrick) (Kumak--Fire clay)

PANASENKO, D.S.

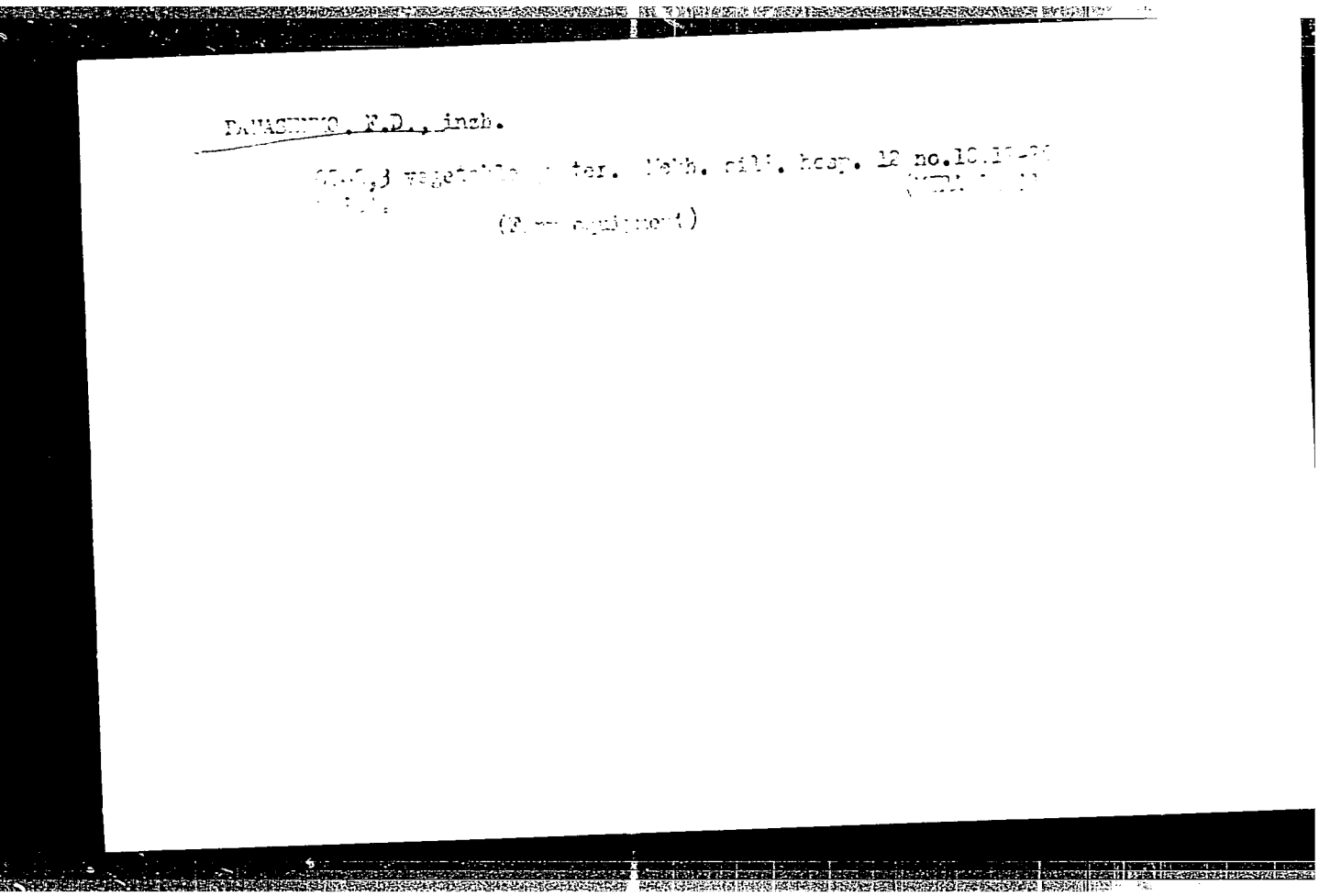
Durability of press mold plates. Ogneupory 27 no.10:479 '62. (MIRA 15:9)

1. Orsko-Khalilovskiy metallurgicheskiy kombinat.
(Plates, Iron and steel--Testing)

PANASENKO, D.S.

Inclined stationary screens. Ogneupory 28 no.8:379-380 '63.
(MIRA 16:9)

1. Chelyabinskiy institut ogneuporov.



PANASENKO, F.D., inzh.

Potato-digging machines. Mashinostroenie no.4:92-96 Jl-Ag '62. (MIRA 15:9)

1. Ukrsel'khoztekhnika.

(Potato digger (Machine))

PANASENKO, F.D., inzh.

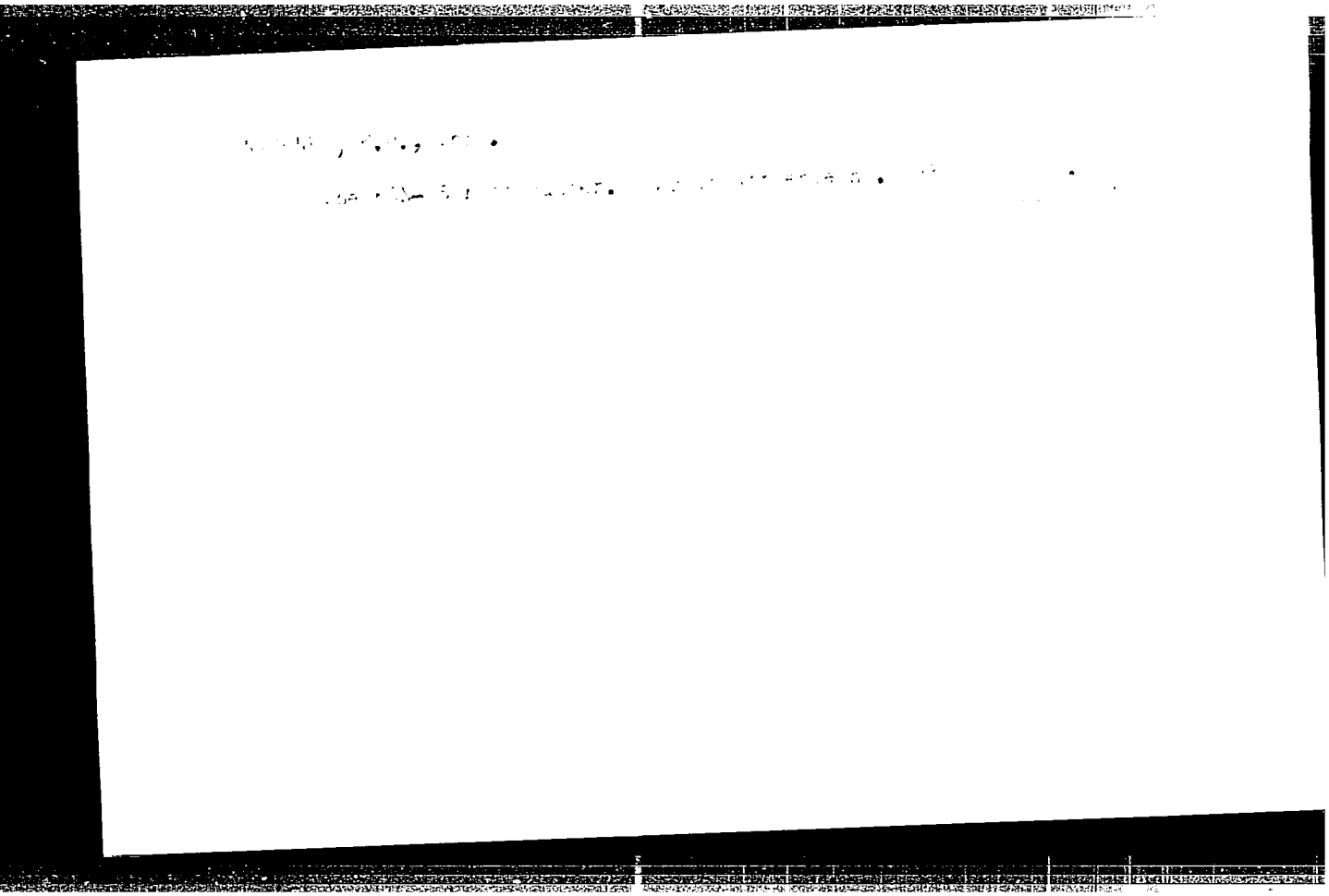
Using glass and rubber pipes in water supply lines at cattle farms. Mashinostroenie no.3:102-103 My-Je '63. (MIRA 16:7)

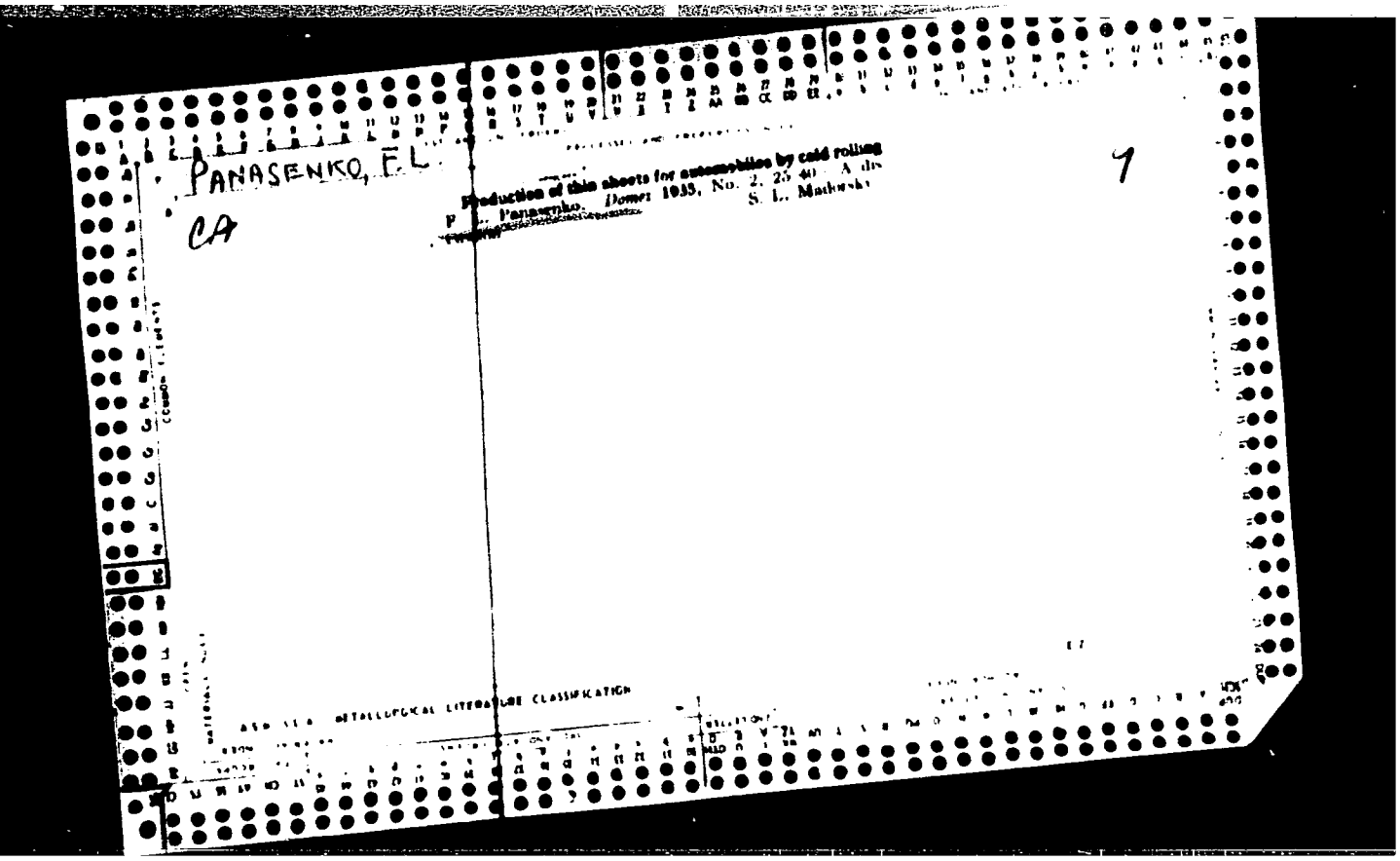
1. Ukrsel'khoztekhnika.
(Water supply, Rural)

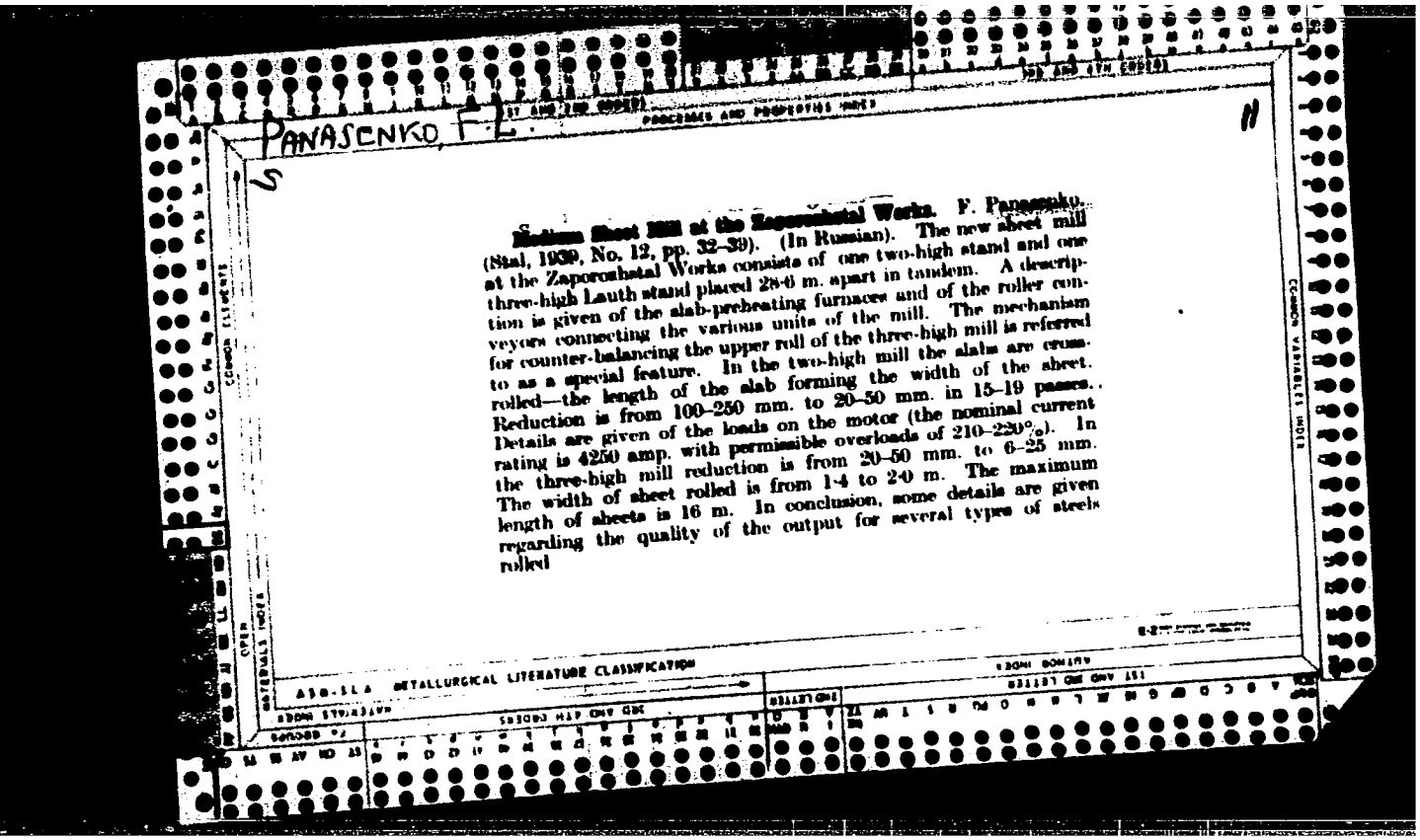
PANASENKO, F.D., inzh.

Unit for preparing hay meal. Mashinostroenie no.4:100-102 Jl-Ag '63. (MIRA 17:2)

1. Ukrsel'khoztekhnika.







PANASENKO, F.

Sheet Mill at the Zaporozhstal Works. F. Panasenko. (Stal, 1939, No. 12, pp. 32–39). (In Russian). The new sheet mill at the Zaporozhstal Works consists of one two-high stand and one three-high Lauth stand placed 28·6 m. apart in tandem. A description is given of the slab-preheating furnaces and of the roller conveyors connecting the various units of the mill. The mechanism for counter-balancing the upper roll of the three-high mill is referred to as a special feature. In the two-high mill the slabs are crossrolled—the length of the slab forming the width of the sheet. Reduction is from 100–250 mm. to 20–50 mm. in 15–19 passes. Details are given of the loads on the motor (the nominal current rating is 4250 amp. with permissible overloads of 210–220%). In the three-high mill reduction is from 20–50 mm. to 6–25 mm. The width of sheet rolled is from 1·4 to 2·0 m. The maximum length of sheets is 16 m. In conclusion, some details are given regarding the quality of the output for several types of steels rolled

A38-11A METALLURGICAL LITERATURE CLASSIFICATION

137-58-3-5[illegible]

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 3, p 150 (USSR)

AUTHOR: Panasenko, F. L.

TITLE: A Modern Shop for the Heat Treatment of Heavy and Medium Sheet Metal (Sovremennyy tsekh termicheskoy obrabotki srednikh i tolstykh listov)

PERIODICAL: Tr. Nauchno-tekhn. o-va chernoy metallurgii, 1956, Vol 10, pp 560-565

ABSTRACT: It is required that medium and heavy sheets of low alloy steel exhibit an increased value of a_k at normal temperatures, as well as at a temperature of -40°k. The manufacture of high-grade steel sheets (SS) involves heat treatment processes of normalization or of tempering (T) with annealing. Heat treatment of parcels of SS's in compartment furnaces equipped with a sliding bottom presents a number of drawbacks, such as: high labor consumption, nonuniform tempering, warping of material, and low productivity. To avoid these drawbacks, a continuous production line is designed for the model 2800 mills of the Voroshilovsk plant; it consists of the following stages: a) a number of continuous, high-production, roller-type furnaces.

Card 1/2

32-3-50/52

AUTHORS: Klemeshov, G.A., Panasenko, F.L., Smolenskiy, F.A., Shvarts, S.M.

TITLE: Standard Laboratory for Radioactive Isotopes (Tipovaya laboratoriya radioaktivnykh izotopov)

PERIODICAL: Zavodskaya Laboratoriya, 1958, Vol. 24, Nr 3, pp. 376-379 (USSR)

ABSTRACT: This paper contains a short description of a laboratory project designed for a large metallurgical plant. In this laboratory it is intended to use isotopes of carbon, sulphur, phosphorus, silicon, manganese, calcium, iron, cobalt, iridium, etc. Particular attention was paid to special sanitary protective measures in the working, distribution, transport, etc. of isotopes. For this reason the laboratory project was worked out according to a three-zone system. This system includes hermetically closed rooms which are radiologically "contaminated". Isolated from these are the "half-clean" rooms, and, completely separated, the "clean" rooms. In the first-named rooms preparation-, purification-, and repair work etc. is carried out, for which purpose special clothing is worn, or, for aerosol work, hermetically closed

Card 1/2

chambers are used. A schematical drawing of a hermetically closed furnace, in which it is possible to melt radioactive isotopes in the vacuum, air, or inert gas atmosphere, is given. Conveying radioactive preparations from one chamber into another is brought about mechanically by means of a conveyer band, whilst a special air conditioning system is used for the purification of air. A ground section of the laboratory shows the arrangement of rooms as well as other details. Thus, the building also contains a room for gamma defectoscopy with an adjoining chamber with radioscopic devices of the type ГУП-Со-5-1, ГУП-Со-50-1 and КС-6; these devices are remote-controlled. There are 2 figures.

ASSOCIATION: State Institute for the Planning of Metallurgical Plants "Giprostal'" (Gosudarstvennyy institut po proyektirovaniyu metallurgicheskikh zavodov "Giprostal'")

AVAILABLE: Library of Congress

Card 2/2 1. Metallurgical laboratories-Characteristics

ALFEROVA, N.S., doktor tekhn. nauk; BERNSHTEYN, M.L., kand. tekhn. nauk; BLANTER, M.Ye., doktor tekhn. nauk; BOKSHTEYN, S.Z., doktor tekhn.nauk; VINOGRAD, M.I., kand. tekhn.nauk; GAMOV, M.I., inzh.; GELLER, Yu.A., doktor tekhn. nauk; GOTLIB, L.I., kand. tekhn. nauk; GRDINA, Yu.V., doktor tekhn.nauk; GRIGOROVICH, V.K., kand. tekhn. nauk; GULYAYEV, B.B., doktor tekhn. nauk; DOVGALEVSKIY, Ya.M., kand. tekhn. nauk; DUDOVTSEV, P.A., kand. tekhn. nauk [deceased]; KIDIN, I.N., doktor tekhn. nauk; LEYKIN, I.M., kand. tekhn. nauk; LIVSHITS, B.G., doktor tekhn. nauk; LIVSHITS, L.S., kand.tekhn. nauk; L'VOV, M.A., kand. tekhn. nauk; MEYERSON, G.A., doktor tekhn. nauk; MINKEVICH, A.N., kand. tekhn. nauk; NATANSON, A.K., kand. tekhn. nauk; NAKHIMOV, A.M., inzh.; NAKHIMOV, D.M., kand. tekhn. nauk; OSTRIN, G.Ya., inzh.; PANASENKO, F.L., inzh.; SOLODIKHIN, A.G., kand. tekhn.nauk; KHIMUSHIN, F.F., kand. tekhn. nauk; CHERNASHKIN, V.G., kand. tekhn. nauk; YUDIN, A.A., kand. fiz.-mat. nauk; YANKOVSKIY, V.M., kand. tekhn. nauk; RAKHSHTADT, A.G., red.; GORDON, L.M., red. izd-va; VAYNSHTEYN, Ye.B., tekhn. red.

(Continued on next card)

ALFEROVA, N.S.--- (continued) Card 2.

[Metallography and the heat treatment of steel]Metallovedenie i termicheskaia obrabotka stali; spravochnik. Izd.2., perer. i dop. Pod red. M.L.Bernshteina i A.G. Rakhshtadta. Moskva, Metallurgizdat. Vol.2. 1962. 1656 p. (MLA 15:10)

(Steel--Metallography)
(Steel--Heat treatment)

25(1) PHASE I BOOK EXPLOITATION SOV/1649

Panasenko, Fedor Lavrent'yevich

Prokatka i termicheskaya obrabotka tolstykh listov (Rolling and Heat Treatment of Plates) Moscow, Metallurgizdat, 1959. 152 p. 3,400 copies printed.

Ed.: B.G. Pastovskiy; Ed. of Publishing House: L.M. Gordon; Tech. Ed.: P.G. Islent'yeva.

PURPOSE: This book is intended for engineerring personnel in metallurgical mills, and may also be useful to design workers and students at vtuzes.

COVERAGE: The book deacribes the manufacturing process of rolling carbon and alloy steel plates and modern two-stand tandem, continuous and semi-continuous plate mills. It discusses methods of removing defects from billets and slabs and of heating metal in continuous furnaces as well as ductility of steels. Details

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are given of various methods of descaling in continuous and intermittent pickling installations, and also of airless shot blast cleaning. Heat treatment of plates is discussed in a separate chapter. No personalities are mentioned. There are 46 references, of which 26 are Soviet, 12 English and 8 German.

TABLE OF CONTENTS:

PHASE I BOOK EXPLOITATION SOV/6351

Panasenko, Fedor Lavrent'yevich

Proizvodstvo kholodnokatanoy listovoy stali (Manufacture of Cold-Rolled Steel Sheets) Khar'kov, Metallurgizdat, 1962, 302 p. 3000 copies printed.

Resp. Ed.: V. M. Khvorostanskiy; Ed. of Publishing House: R. A. Belina; Tech. Ed.: S. P. Andreyev.

PURPOSE: The book is intended for engineering personnel of metallurgical plants, and may be useful to staff members of planning organizations and students at schools of higher education.

COVERAGE: The book describes modern mills for cold rolling steel sheets, the processes of rolling carbon and alloy steels, the effect of lubrication on the cold rolling process, the effect of plastic deformation on the structure and properties of steel, designs of modern furnaces used for heat

Card 1/5

treatment of strips, coils, and sheets, and the methods of heat treatment of various types of steel. The book is based on published data on the operation of cold-rolling shops of Soviet and non-Soviet plants, particularly in the United States. Technical characteristics of equipment used in non-Soviet cold-rolling shops are presented together with descriptions of their operations. Solutions of technical problems on the development of the production of cold-rolled steel sheets in the USSR are discussed in the light of proposals made by various Soviet institutes. No personalities are mentioned. There are 80 references: 31 Soviet, 37 English, and 12 German.

TABLE OF CONTENTS:

PANASENKO, F. T., Cand. of Vet. Sci.
Stropol Agric. Inst.
"Treatment of Endometrites with Lactic Acid Microbes."
SO: Veterinariia 25 (3), 1948, p. 27

PAIASENKO, F.T., dotsenko.

Methods of differential diagnosis and treatment of post-partum diseases in cows. Veterinariia 30 no.2:38-40 F '53. (MLRA 6:2)

1. Stavropol'skiy sel'skokhozyaystvennyy institut.

PANASENKO, F.T., dotsent

Etiology of symptomatic sterility. Veterinariia 41 no.6:89-91 Je '64. (MIRA 18:6)

1. Stavropol'skiy sel'skokhozyaystvennyy institut.

PANASENKO, G.

"Arrangement for tranceiver communications," Radio, No. 5, Publ. of the Min. of Communication, 1952.

PANASENKO, G.

"Apparatus for semi-duplex communication."

So. Radio , Vol. 5, p. 39, 1952

PANASENKO, G.

Telegraph-Duplex System

Device for a semi-duplex communication set. Radio No. 5, 1952.

9. Monthly List of Russian Accessions, Library of Congress, ~~August 1952~~ 1953, Uncl.

PANASENKO G. 238T83

USSR/Electronics - Telegraphy May 52
Semi-Duplex Operation

"A Unit for Semi-Duplex Communications," G. Panasenko, UA6STs [call no]

"Radio" No 5, pp 43-45

Describes a unit which in telegraph keying automatically switches the antenna from receiver to transmitter, blocks off the receiver when the key is pressed, and connects in the plate voltages supplying the transmitter during transmission.

238T83

PANASENKO, G.
USSR/Electronics - Rectifiers Feb 53

"Automatic Preheating of Gas-Filled Rectifiers," G. Panasenko (UA6STs), Simferopol'

"Radio," No 2, pp 34-35

Describes the principles of operation, construction, and adjustment of an automatic circuit which allows plate voltage to be applied to a gas-filled rectifier only after the filaments have been heated. Device consists of switches, relays, and a 12-v selenium rectifier.

1. PANASENKO, G.D.

2. USSR (600)

4. Schmidt, Otto Yul'evich, 1891-

7. Inner structure of the earth in the light of the [illegible] theory. Academician O. Iu. Shmidt. Sovet. FAN SSSR No. 22 1950

9. Monthly List Of Russian Accessions. Library of Congress. March 1950. Unclassified.

PANASENKO, G.D.

Mechanism of the stratification of earth. Dokl. AN Tadzh.SSR no.1:3-7 '51. (MLRA 9:10)

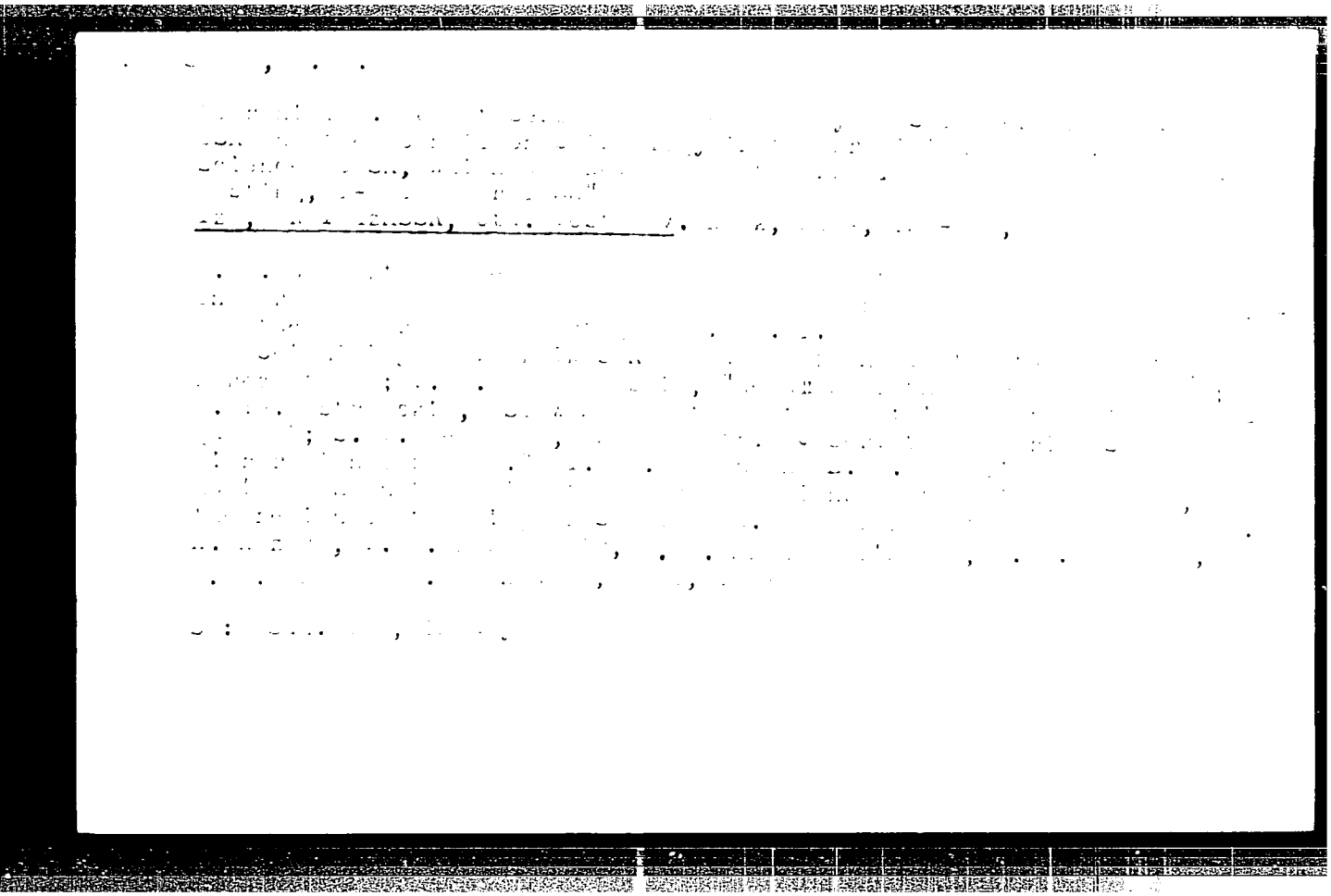
1. Institut seysmologii Akademii nauk Tadzhikskoy SSR. Predstavleno deystvitel'nym chlenom Akademii nauk Tadzhikskoy SSR S.Yusupovoy.
(Earth--Internal structure)

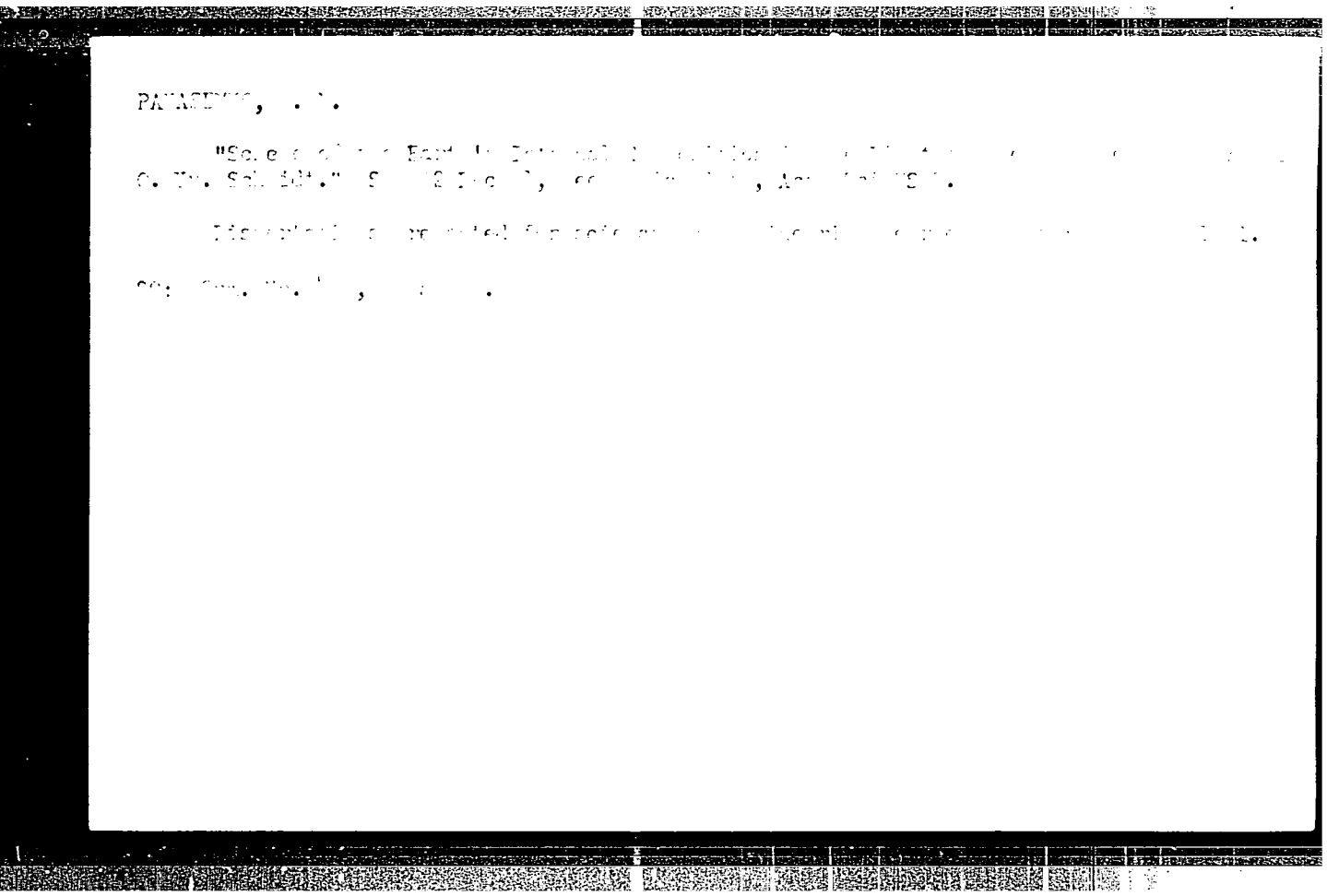
PANASENKO, I. D.

Chokurak Mountain - Landslides

Landslide of Chokurak Mountain. Dokl. AN SSSR 85 No. 3, 1952.

9. Monthly List of Russian Accessions, Library of Congress, November 1958, Uncl.





PANASENKO, G.D., kandidat fiziko-matematicheskikh nauk.

Earthquake in the Khibiny Mountains. Priroda 45 no.7:110-111 Jl '56.
(MIRA 9:9)

1.Kol'skiy filial imeni S.M.Kirova Akademii nauk SSSR, Kurovsk.
(Khibiny Mountains--Earthquakes)

SOV/169-59-2-1117

Translation from: Referativnyy zhurnal. Geofizika, 1959, Nr 2, p 14 (USSR)

AUTHOR: Panasenko, G.D.

TITLE: Investigations According to the Program of the International Geophysical Year in the Seismic Station "Apatidy"

PERIODICAL: Byul. seysmich. st. "Apatidy". Kol'sk. fil. AS USSR, 1957, Nr 2, pp 59-62

ABSTRACT: The organization of the work of five stations of the USSR is described, which are established in the arctic zone, and the share of the seismic station "Apatidy" is expounded. The station is equipped with three-component sets of seismographs of the common type (D.P. Kirnos) and of the regional type (D.A. Kharin), which are placed in a specially equipped basement on substructures rigidly connected with the original rocks - compact meta-gabbro diabases of Pre-Cambrian (Proterozoic ?) age. The station publishes semi-annual bulletins, in which detailed data on the earthquakes recorded by the station, information on the microseisms are reported and, moreover, brief articles on seismology, seismometry, and on problems akin to them are published.

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G.D. Panasenko

PANASENKO, G.D.

Seismicity of the Kola Peninsula and of northern Karelia. Izv. AN SSSR.Ser.geofiz. no.8:969-978 Ag '57. (MLRA 10:8)

1. Kol'skiy filial im.S.M. Kirova Akademii nauk SSSR, Geologicheskiy institut.
(Kola Peninsula--Seismology)
(Karelia--Seismology)

SOV/169-59-7-6611

Translation from: Referativnyy zhurnal, Geofizika, 1959, Nr 7, p 16 (USSR)

AUTHOR: Panasenko, G.D.

TITLE: Bulletin of Earthquakes, January - June 1958

PERIODICAL: Byul. Seysmich. st. "Apatity" Kol'sk. fil. AS USSR, 1958, Nr 4, pp 5 - 44

ABSTRACT: The article has not been reviewed.

Card 1/1

SOV/169-60-1-125

Translation from: Referativnyy zhurnal, Geofizika, 1960, Nr 1, pp 15 - 16 (USSR)

AUTHOR: Panasenko, G.D.

TITLE: The Four-Component System of Seismograph Set-up

PERIODICAL: Byul. Seysmich. st. "Apatity". Kol'sk. fil. AS USSR, 1958, Nr 4, pp 61 - 66

ABSTRACT: The author shows on examples the advantage of the four-component system of the set-up of seismographs (one vertical component and three horizontal components) in comparison with the widely utilized at present three-component system (one vertical and two horizontal components), which was proposed by B.B. Golitsyn (Izv. Imper. AS, 1909, III, ser. VI, Nr 9).

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SOV/169-59-2-1119

Translation from: Referativnyy zhurnal, Geofizika, 1959, Nr 2, p 14 (USSR)

AUTHOR: Panasenko, G.D.

TITLE: Bulletin of the Earthquakes, July - December 1957, Part I

PERIODICAL: Byul. Seismich. st. "Apatidy". Kol'sk. fil. AS USSR, 195? (1958), Nr 3, pp 7 - 40

ABSTRACT: The article has not been reviewed.

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S/169/60/000/010/003/013
A005/A001

Translation from: Referativnyy zhurnal, Geofizika, 1960, No. 10, p. 39, # 11945

AUTHOR: Panasenko, G.D.

TITLE: Earthquakes in the North-East Section of the Baltic Shield

PERIODICAL: Izv. Karel'sk. i Kol'sk. fil. AN SSSR, 1959, No. 2, pp. 52-59

TEXT: On the basis of the present catalogs of earthquakes, the opinion existed that the seismism tendency of the Baltic shield is low. Since the establishment of the seismic station "Apatity" in 1956, especially since the increase in sensitivity of the equipment in 1957, measuring observations showed that this opinion was erroneous. In the north-east part of the Baltic shield, a rather great number of weak local earthquakes was recorded, in addition to appreciable earthquakes; it is expedient to use for their processing simultaneously the observations of the "Apatity"-station and the data of Swedish and Finnish seismic stations. The comparison of the macroseismic information on the Kol'skiy penin-

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A005/A001

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sula and North Karelia with the geological and geomorphological data points to the existence of 4 seismogenetic zones, which does not contradict the instrumental data.

A. Levitskaya

Translator's note: This is the full translation of the original Russian abstract.

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