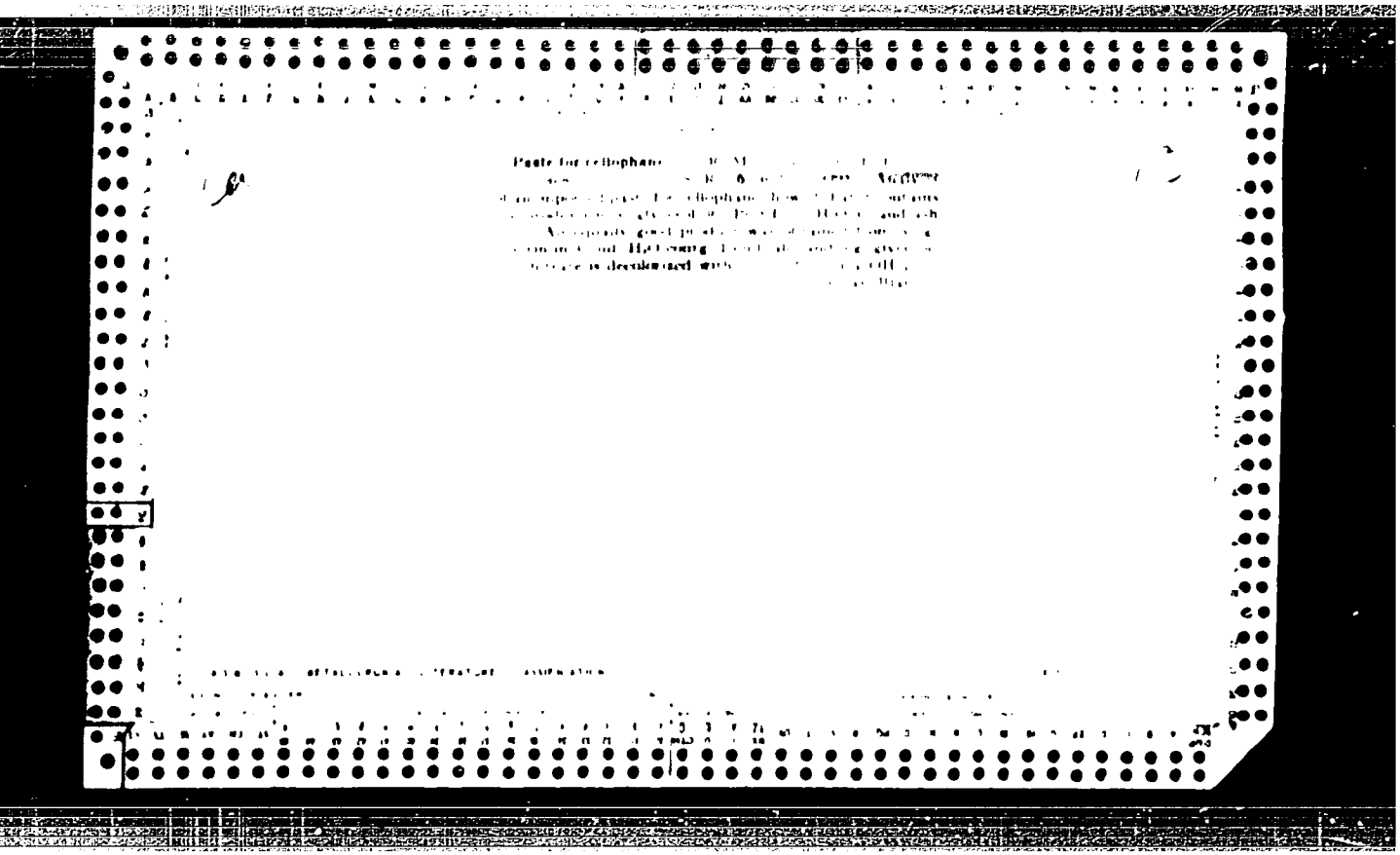
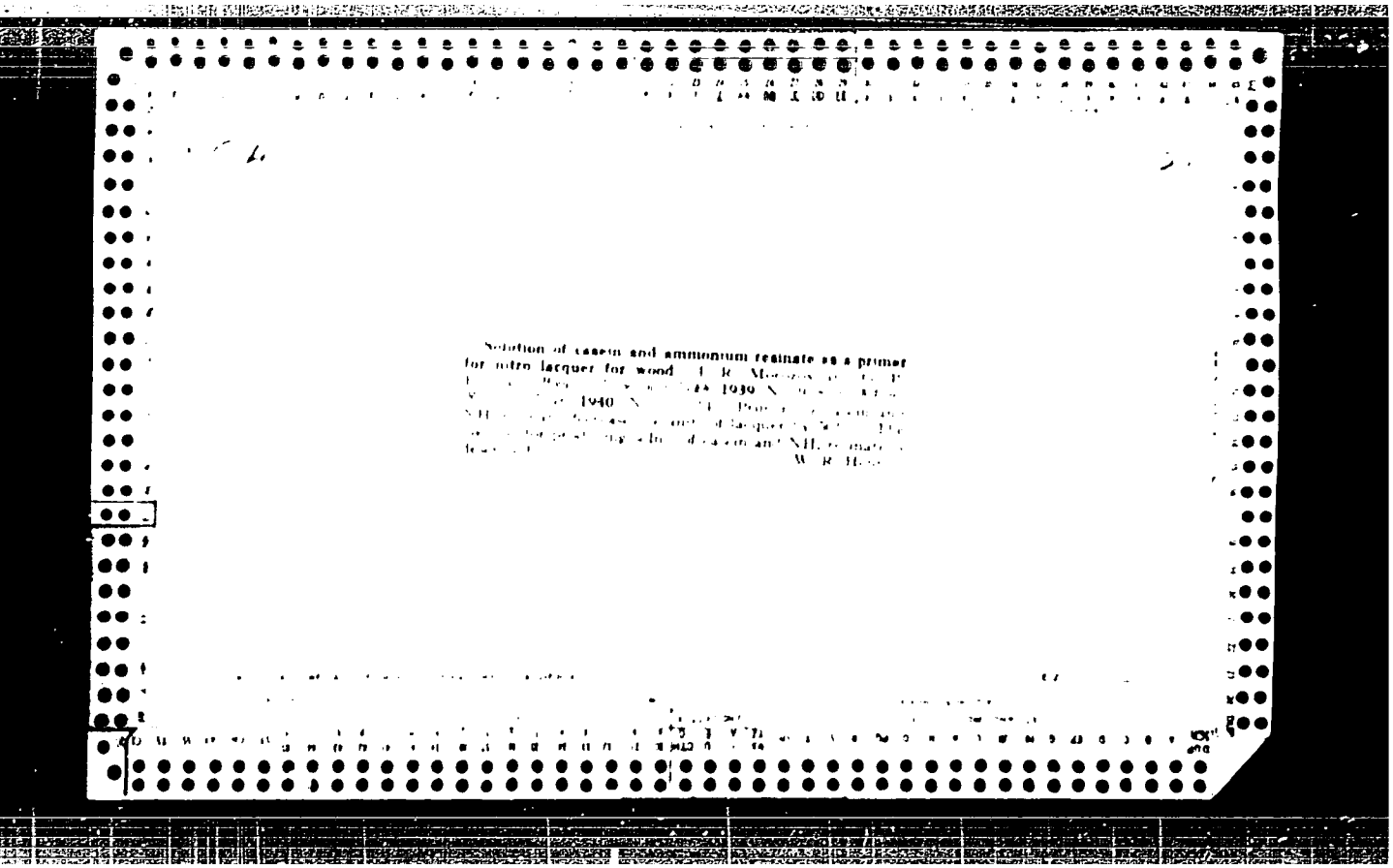
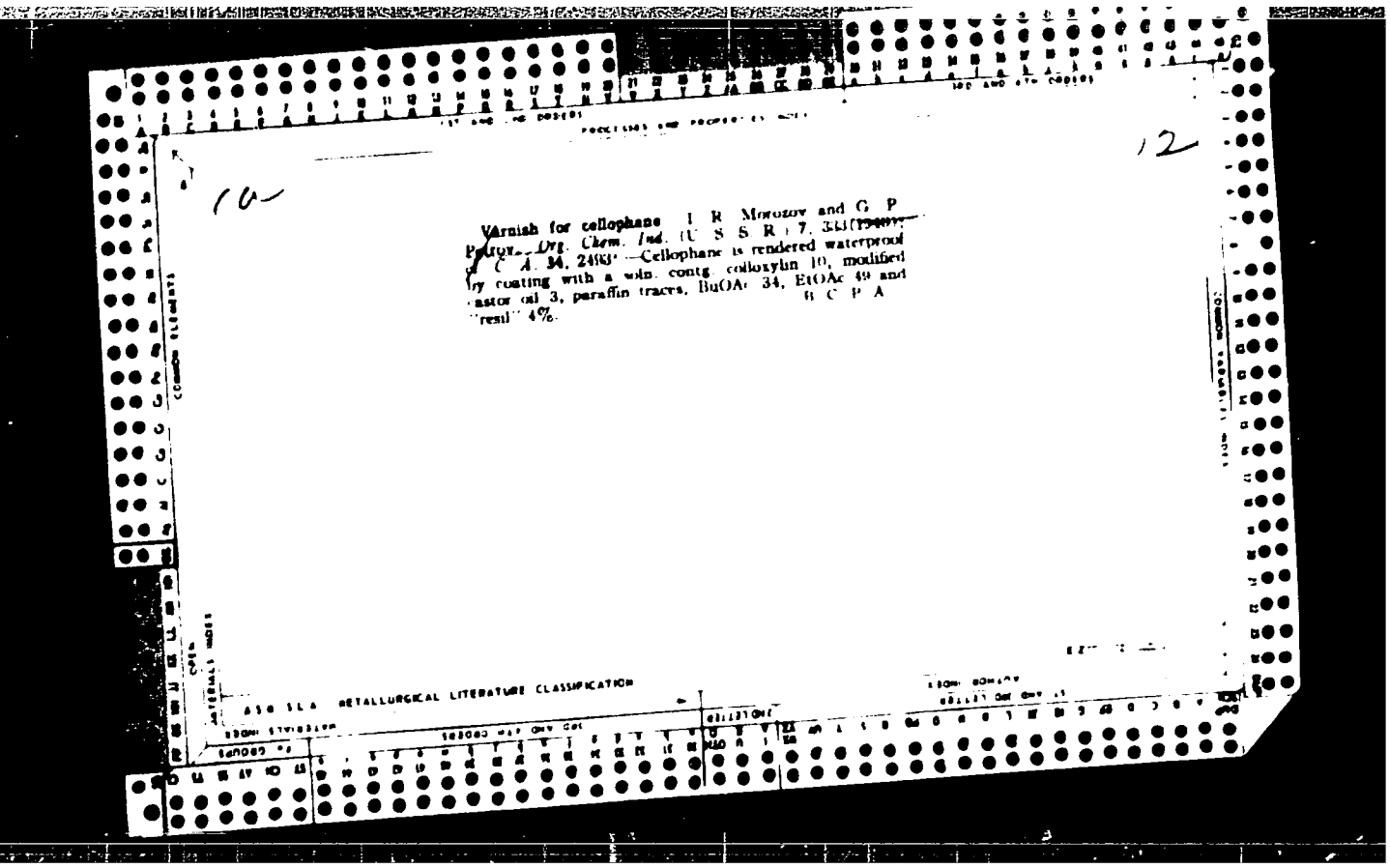






Varnish for cellophane. I. R. Morozov and G. P. Petrov. *Org. Chem. Ind.* (U.S.S.R.) 7, 331(1940); *C. A.* 34, 2480.—Cellophane is rendered waterproof by coating with a soln. contg. collosylin 10, modified castor oil 3, paraffin traces, BuOAc 34, EtOAc 49 and "resul" 4%. G. C. P. A.

PETROV, G.P.

PHASE I TREASURE ISLAND BIBLIOGRAPHICAL REPORT AID 155 - I

Call No.: TR862.P48

BOOK

Author: PETROV, G. P., Eng., Laureate of the Stalin Prize.

Full Title: PRODUCTION OF GLASS "STALINIT"

Transliterated Title: Proizvodstvo stekla "Stalinit"

Publishing Data

Originating Agency: None

Publishing House: State Publishing House of Literature on Building Material (PROMSTROYIZDAT)

No. pp.: 80 No. of copies: 2,000

Date: 1952

Editorial Staff

Editor: Konvisser, L. I.

Editor-in-Chief: (Scientific) Voskoboynikov, G. I.

Tech. Ed.: None

Appraiser: None

Text Data

Coverage: Composition and thermal treatment of the automobile glass "Stalinit" are described. The glass is made of conventional silicate composition, heated to about 650 C, and subjected to rapid cooling by air in such a manner that compression stresses develop in the surface layers and tension stresses in the middle layers of the glass. Distribution of the stresses is controlled by cooling time, thickness and composition of the glass and is partially corrected by the annealing process.

1/2

PETROV, G.P.

Proizvodstvo stekla "Stalinit"

AID 155 - I

The "Stalinit" glass is not unbreakable and seems to have the characteristics of American thermal-treated single plate glass. Information given is only of interest to the product used in USSR.

Purpose: Information in popular form for glass workers
Facilities: None
No. of Russian and Slavic References: 14 (from 1939 to 1950)
Available: Library of Congress.

2/2

L 24195-66 EWT(m)/EWP(t)/EWP(k) LIP(c) JD

ACC NR: AP6013311 SOURCE CODE: UR/0413/66/000/008/0123/0123

INVENTOR: Vozdvizhenskiy, G. S.; Petrov, G. P.

ORG: none

TITLE: Method of electrolytic polishing of bismuth. Class 48, No. 180932

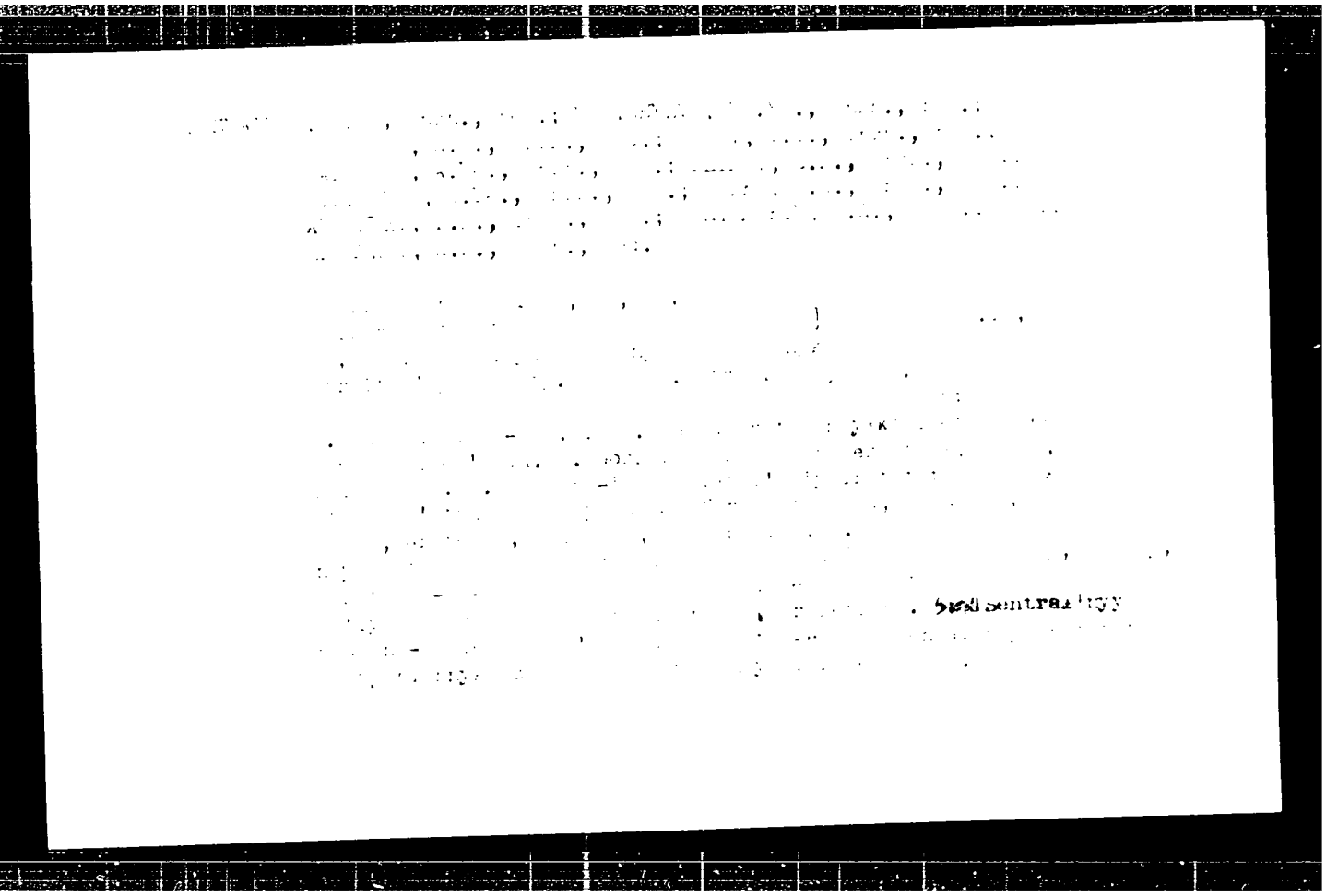
SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 8, 1966, 123

TOPIC TAGS: bismuth, bismuth polishing, electrolytic polishing

ABSTRACT: This Author Certificate introduces a method for electrolytic polishing of bismuth. To obtain a mirror-like finish, the electrolysis is done with a pulsating current at a density of 20 a/dm^2 and a temperature of 30C in the electrolyte containing 20 ml/l sulfuric acid and a 980 ml/l saturated solution of sodium chloride. [ND]

SUB CODE: 13/ SUBM DATE: 25Jan65/ ATD PRESS: 4245

Card 1/1 UDC: 621.357.8:669.76



PETROV, G.P.

Cultivation of English oak in the Il'men' Preserve. Trudy Il'm. gos. zap. no.8:195-203 '61. (MIRA 15:11)
(Il'men' Preserve--Oak)

PETROV, G.P.

Use of hydroacoustical apparatus in aimed trawling. Trudy Balt.n.i. no.7:156-160 '61 (MIRA 15:2)
(Sonar in fishing)

BIRYUKOV, N.P.; PETROV, G.P.

Use of echo sounding in fishery research. Vop.ikht. 1 no.2:321-332 '61. (MIRA 14:6)

1. Baltiyskiy nauchno-issledovatel'skiy institut morskogo rybnogo khozyaystva i okeanografii (BaltNIRO, Riga).
(Sonar in fishing)

PETROV, G. F.

Cand Agr Sci - (diss) "Cultivation of oak under conditions of the Chelyabinskaya Oblast." Sverdlovsk, 1961. 20 pp; (Ministry of Higher and Secondary Specialist Education RSFSR, Ural Forestry Engineering Inst); 140 copies; free; (KL, 6-61 sup, 242)

PYATKIN, E. M. and PETROV, G. S. (Veterinary Doctors, Ramenskii District, Moscow Oblast').

"Rectal introduction of novocaine and the preparation ASD [Dorogov's antiseptic stimulant] for the purpose of normalizing the physiological functions of internal organs"...

Veterinariya, vol. [illegible], no. [illegible], August [illegible] pp. [illegible]

L 25478-66 EEC(k)-2/EWP(k)/EWT(1)/T IJP(c) WG

ACC NR: AP6009674 SOURCE CODE: UR/0181/66/008/003/0858/0861

AUTHOR: Akhmedov, A. G.; Dautov, R. A.; Petrov, G. T.

ORG: Kazan' State University im. V. I. Ul'yanov-Lenin (Kazanskiy gosudarstvenny universitet)

61
B

TITLE: Study of internal motions in some solids by the pulsed nuclear magnetic resonance method

SOURCE: Fizika tverdogo tela, v. 8, no. 3, 1966, 858-861

TOPIC TAGS: fluorine, nuclear magnetic resonance, spin lattice relaxation, dipole interaction

ABSTRACT: The authors measured by a pulsed method the longitudinal and transverse relaxation times T_1 and T_2 of F^{19} nuclei in polycrystalline samples of NH_4BF_4, $(NH_4)_2BeF_4$, and $KSbF_4$ in the temperature interval from 4.2K to room temperature. These salts were investigated previously by the authors (FTT v. 6, 529, 1964) and by others but in narrower temperature intervals. The samples were made in the form of pressed cylinders 15 mm high and 10 mm in diameter. The apparatus and the procedure of the relaxation-time measurements were essentially the same as described in the earlier paper. In the case of NH_4BF_4 T_1 of fluorine decreases with rising temperature, passes through a minimum, and then goes through a maximum. In the case of the other two salts a continuous decrease was observed with increasing temperature. It is deduced from the results that the main mechanism of the spin-lattice relaxation

Card 1/2

L 25478-66

ACC NR: AP6009674

of fluorine is the modulation of the dipole interactions by the internal motions of the groups of atoms in these compounds. In the case of $KSbF_4$, a jump in the value of T_2 occurs at 230K, and there are indications of a phase transition near 170K. The activation energy of internal motion in $KSbF_4$ is estimated on the basis of the results to be 1.66 kcal/mole. Orig. art. has: 2 figures, 1 formula, and 2 tables.

SUB CODE: 20/ SUBM DATE: 03Aug65/ ORIG REF: 001/ OTH REF: 008

Card 2/2

PETROV, G.V., inzhener.

Hydraulic pressure glue jointer for door leaves. Der.prom. 4 no.12: 14-16 D '55. (MLRA 9:3)

1. TSentral'nyy nauchno-issledovatel'skiy institut mekhanicheskoy obrabotki drevesiny.
(Woodworking machinery)

PETROV, G.V., inzhener.

Jointer for the assembly of window and door casings. Der.prom.
no.7:14-15 Jl '56. (MLRA 9:9)

1.TSentral'nyy nauchno-issledovatel'skiy institut mekhanicheskoy obrabotki drevesiny.
(Woodworking machinery)

PETROV, G.V.

Automatic line for assembling and finishing door panels. Der. prom. 6 no.5:1[illegible]-15 My '57 (MLRA 10:6)

1. TSentral'nyy nauchno-issledovatel'skiy institut mekhanicheskoy obrabotki drevesiny.
(Assembly line methods) (Doors)

PETROV, G.V.

USSR/ Engineering - Industrial processes

Card 1/1 Pub. 104 - 7/11

Authors : Iosevich, A. I.; Kukolev, G. V.; and Petrov, G. V.

Title : Use of peat extracts on liquid glass as dross peptizing agent

Periodical : Stek. i ker. 2, page 22, Feb 1955

Abstract : The advantages derived by using peat extracts as dross peptizing agents, instead of the conventional sodium carbonate, are discussed. The dross, obtained by applying peat extracts to the molten glass, was found to be more volatile, to contain less moisture and have a lower rate of solidification. The time required for the formation of the crock is much reduced by the application of peat extracts. Tables.

Institution: .....

Submitted: .....

FLYAKSBERGER, B.K., rabochiy; PETROV, G.V., rabochiy; ZAKHAROV, A.P., rabochiy.

Centrifugal casting machine for making bimetallic bush bearings. Biul. tekh. inform. 4 no.5:30 My '58. (MIRA 11:8)

1. Baza mekhanizatsii tresta No.103.
(Centrifugal casting)

PETROV, G.V.

Organization of emergency surgical aid for patients with acute abdominal diseases in a district hospital. Khirurgiia 32 no.6: 26-30 Je '56. (MLRA 9:10)

1. Iz khirurgicheskogo otdeleniya (zav. G.V.Petrov) Dubrovskoy rayonnoy bol'nitsy Bryanskoy oblasti.

(SURGERY, OPERATIVE
emergency surg. aid in acute abdom. dis. i district hosp.)
(ABDOMEN, ACUTE, surg.
emergency surg. aid in district hosp.)

[illegible] white bronxy[illegible] (Centr[illegible], by the current vertical growth and the current and average vertical growth.

SOV 124-57-7-8437

Translation from: Referativnyy zhurnal Mekhanika 1957 Nr 7 p 47 (USSR)

AUTHOR: Petrov, G. Ye.

TITLE: Concerning the Added Stretch of the Cable of a Hoisting Machine That Occurs at the Start of Hoisting (O dopolnitel'noy deformatsii kanata pod"yemnoy mashiny v period puska)

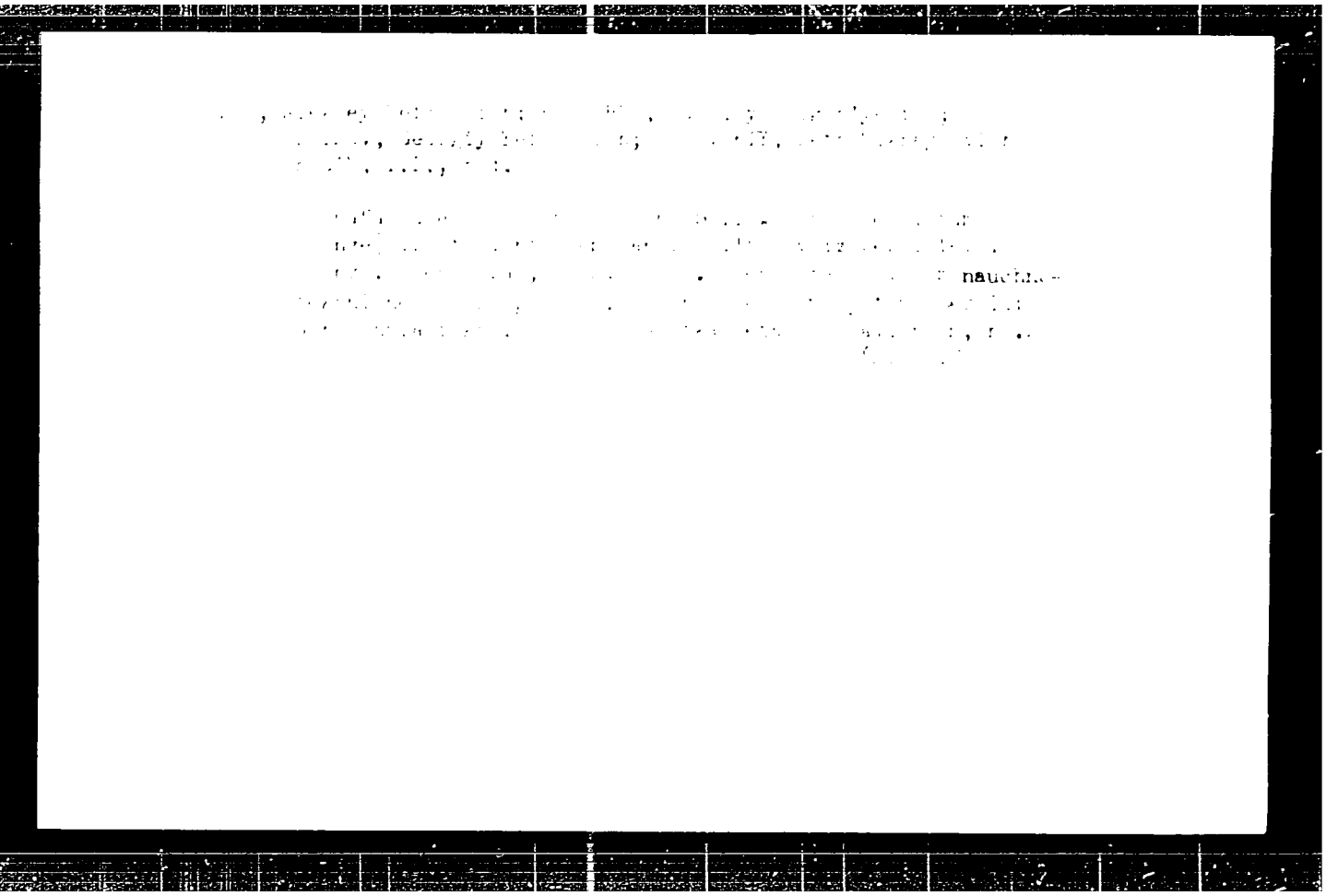
PERIODICAL: Nauchn. tr. Mosk. gorn. in-t, 1956, Nr 17, pp 47-52

ABSTRACT: Bibliographic entry

Card 1/1

PETROV, G.Ye., kand.tekhn.nauk

Additional deformation of hoisting machine cables during starts.
Nauch.trudy MGI no.17:37-52 '56. (MIRA 10:11)
(Mine hoisting) (Deformations (Mechanics))



1. [illegible]

2. U[illegible] (60C)

4. Soil dinding

5. Are material shields necessary for [illegible] 1953.

9. Monthly List of Russian Accessions, Library of Congress, [illegible] 1953. Unclassified.

1. PETROV, G. YE.

2. USSR (600)

4. Main Turkmen Canal Region - Afforestation

7. Rationalization and mechanization of land improvement afforestation work along the main Turkmen Canal. Les khoz No. 12 1952.

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

NOVIKOV, Andrey Grigor'yevich; PETROV, Georgiy Grigor'yevich; POLOSINA, G.V., red.; IL'YUSHENKOVA, T.F., tekhn. red.

[Construction and engineering maintenance of VA-3.6M and FMR-III billing machines] Konstruktsiia i tekhnicheskoe obsluzhivanie fakturnykh mashin modelei VA-3.6M, FMR-III; uchebnoe posobie dlia shkol i kursov UPK TsSU SSSR. 3., perer. i dop. izd. Moskva, Gosstatizdat, 1963. 240 p. (MIRA 17:1)

PHASE I BOOK EXPLOITATION SOV/6435

Petrov, Georgiy L'vovich, Viktor Nikolayevich Zemzin, and Fedor Grigor'yevich Gonserovskiy

Svarka zharoprochnykh nerzhaveyushchikh staley (Welding of Heat-Resistant Stainless Steels) Moscow, Mashgiz, 1963. 247 p. Errata slip inserted. 5500 copies printed.

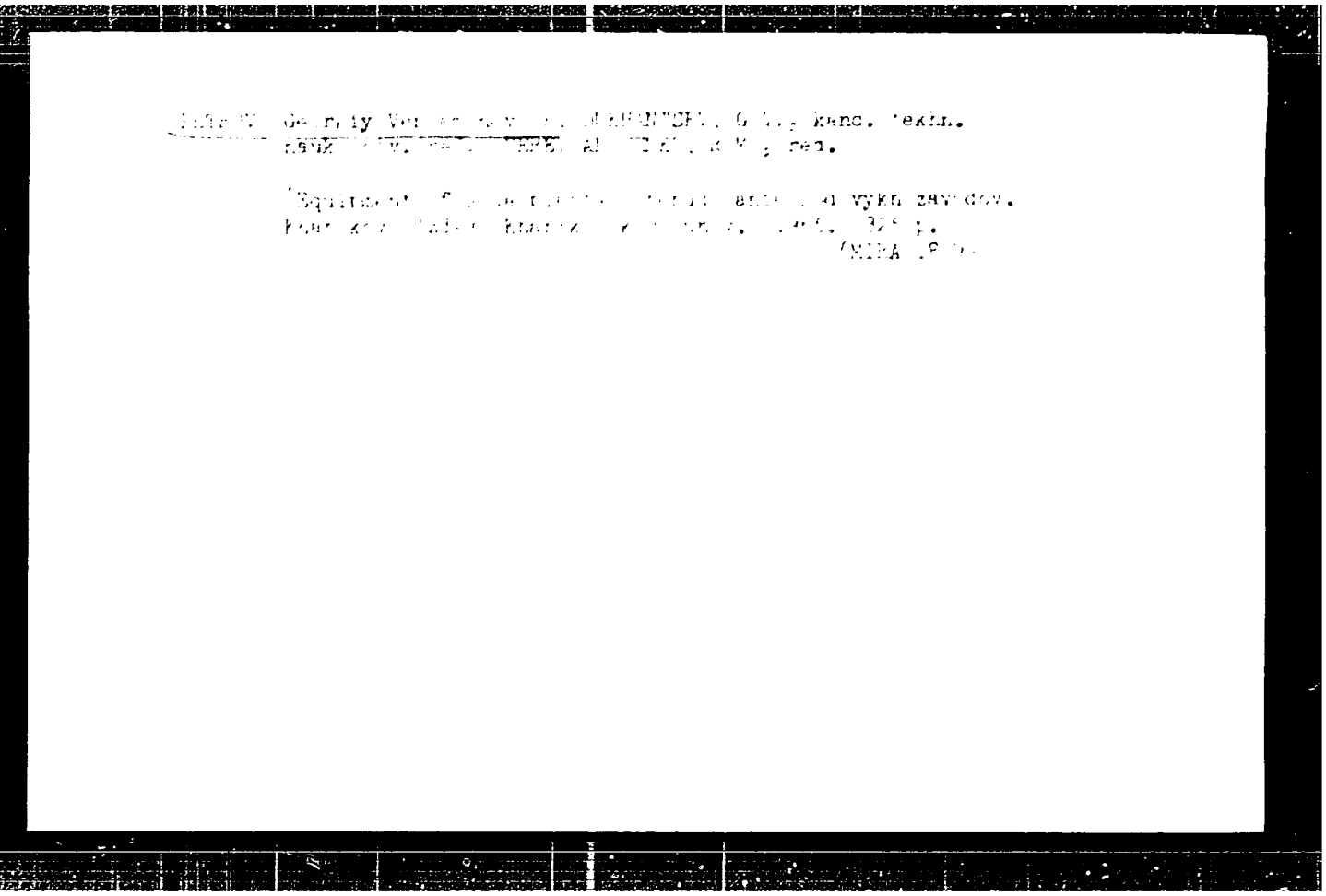
Reviewer: I. A. Zaks, Engineer; Ed.: B. I. Bruk, Candidate of Technical Sciences; Ed. of Publishing House: G. N. Kurepina; Tech. Ed.: A. A. Bardina; Managing Ed. for Literature on Machine-Building Technology, Leningrad Department, Mashgiz: Ye. P. Naumov, Engineer.

PURPOSE: This book is intended for engineering personnel of plants, design bureaus, and scientific research establishments concerned with the manufacture and design of welded structures made from heat-resistant steels and alloys.

Card 1/ 7

PETROV, Georgiy Nikolayevich; KOMAR, M.A., red.; LARIONOV, G.Ye., tekhn. red.

[Electrical machinery in three parts] Elektricheskie mashiny v trekh chastiakh. Izd.2., perer. Moskva, Gosenergoizdat. Pt.2.[Asynchronous and synchronous machines] Asinkhronnye i sinkhronnye mashiny. 1963. 415 p.
(MIRA 17:3)



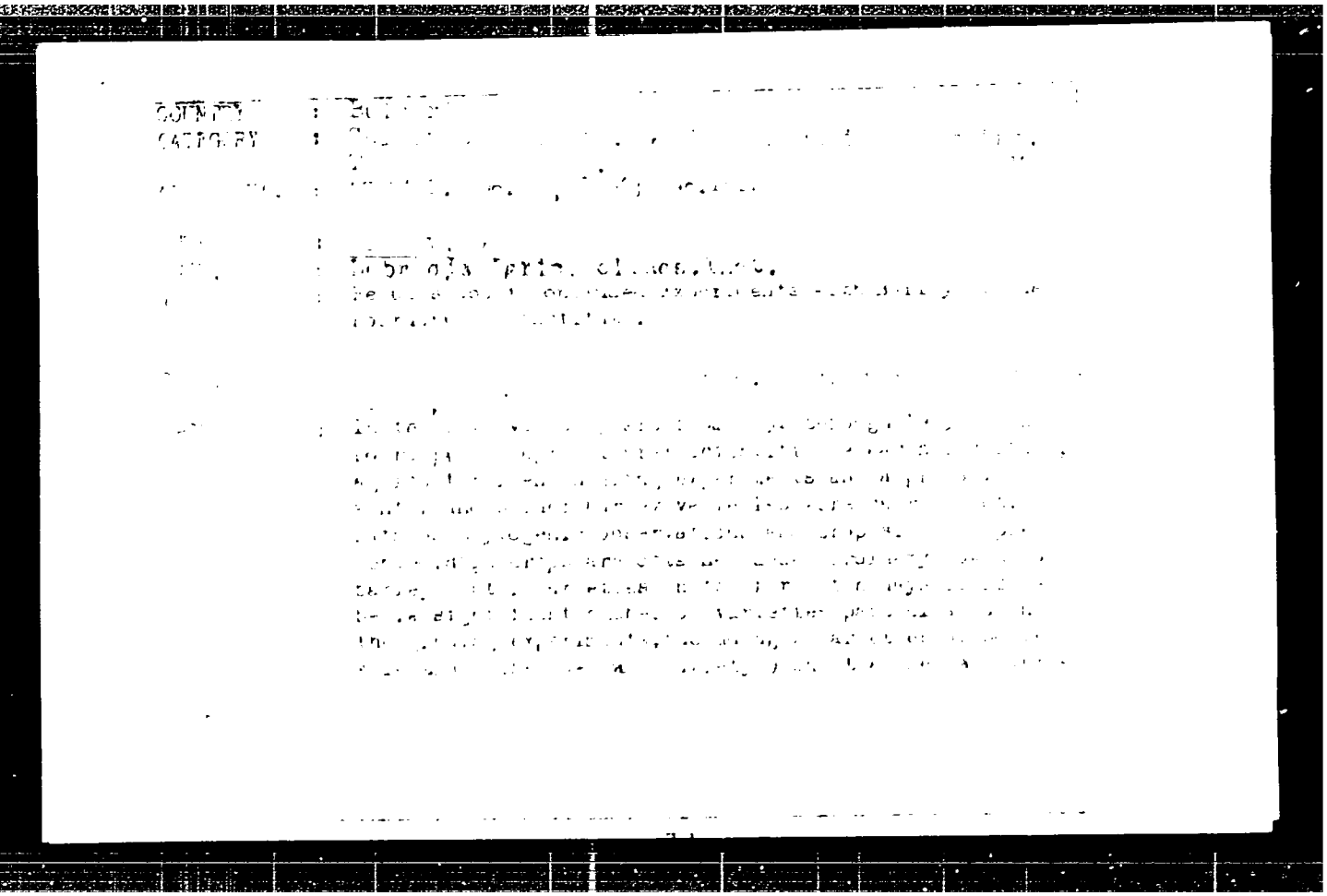
KOZLOV, **Aleksey Yefremovich**; KATCVSKIY, Pinkhus Mendelevich; KOKOSHEV, Vasiliy Grigor'yevich; PETROV, Georgiy Yefremovich; POSTERNYAK, Ye.F., inzh., red.; TELYASHOV, M.Kh., red.izd-va; GVIRTS, V.L., tekhn. red.

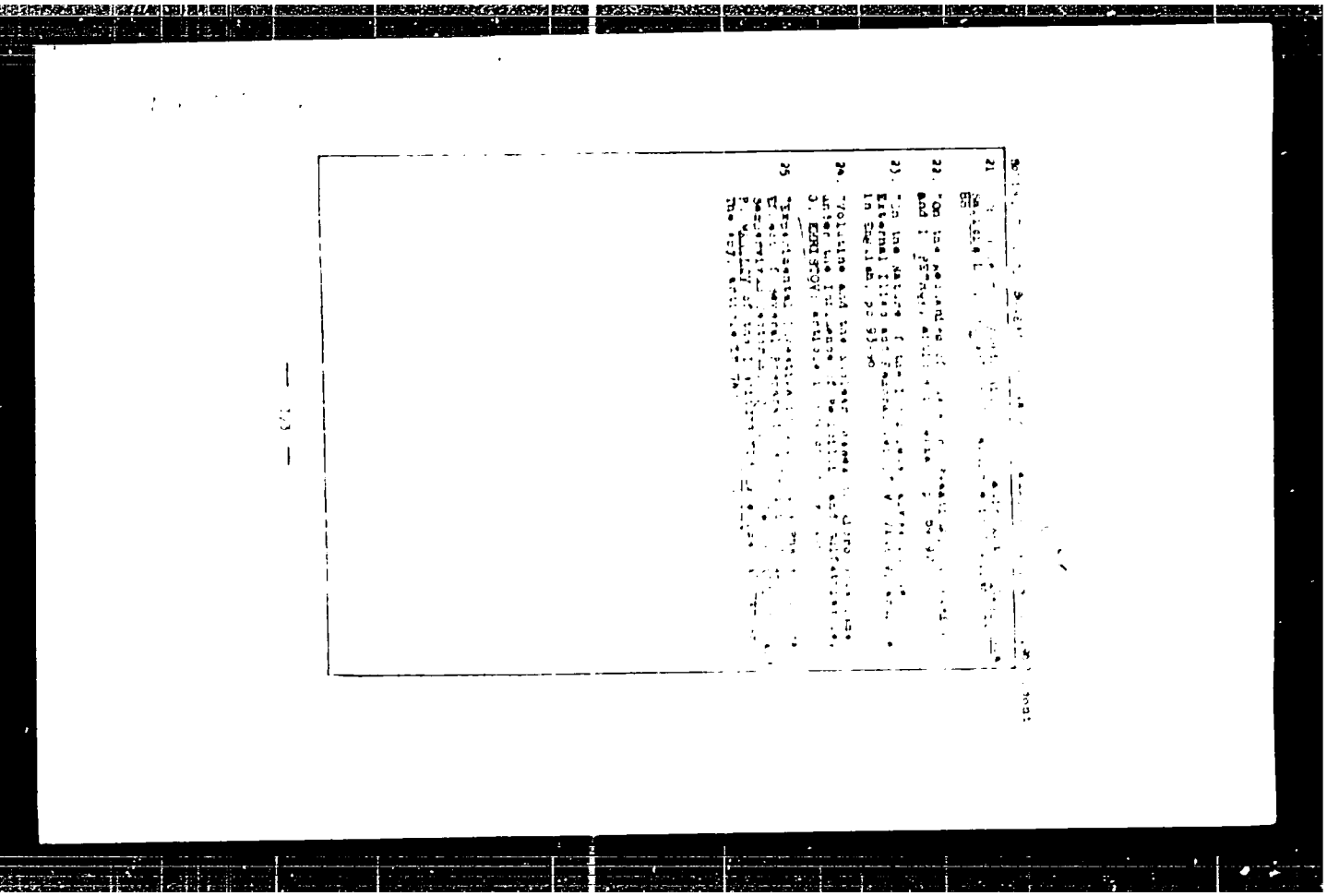
[New cutting-tool holding heads for lathes] Novye reztsederzhatel'nye golovki k tokarnym stankam. Leningrad, 1963. 12 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia: Mekhanicheskaia obrabotka metallov, no.1) (MLA 17:1)

PETROV, GEORGI

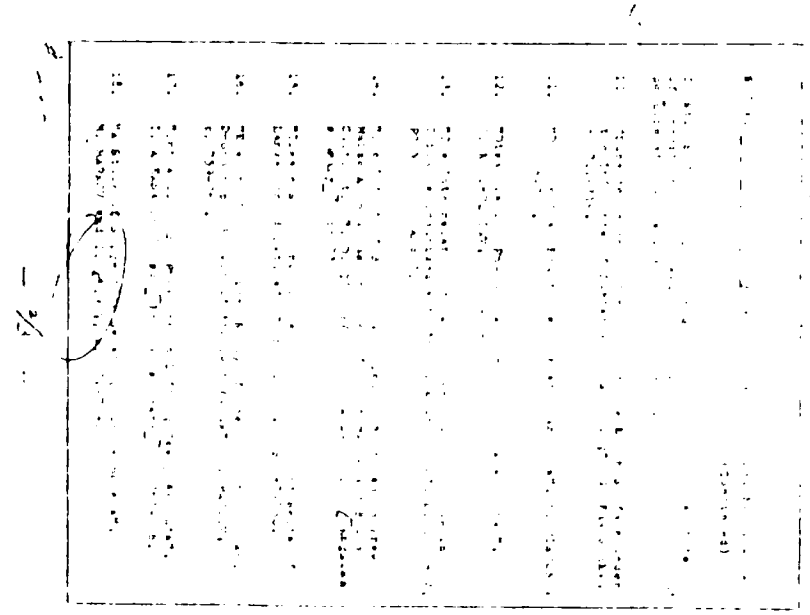
Petrov, Georgi. Die Projektionsmethode von Monge im hyperbolischen Raume. Univ. d'Etat Varna "Kiril Slavianobălgarski" Fac. Tech. Méc. Annuaire 3 (1947–1948), 67–84 (1949). (Bulgarian. German summary)

1-F\W





PETROV I



MARKOV, M.; PETROV, I.

Investigation of perspiration suggested during hypnotic condition.
Doklady BAN 14 no.7:771-774 '61.

1. Vorgelegt von Akademiemitglied D. Orahovats [D. Orakhovats].

(PERSPIRATION) (HYPNOTISM)

PETROV, I.; KRASUTSKIY, I.; LOPATKIN, K.

Preparing for the Second All-Union Photography Exhibition "The seven-year plan in action." Sov. foto 20 no. 12:5 D '60. (MIRA 14:1)

(Photography--Exhibitions)

PETROV, I., mayor

Device for adjusting the line of sight. Voen.vest. 41 no.11:117-
118 O '61. (MIRA 14:10)
(Antiaircraft artillery)

PETROV, I.

"Photography techniques are very simple" (in German) by R. Maas, H.Bronowski. Reviewed by I Petrov. Sov.foto 22 no.3:41 Mr '62. (MIRA 15:2)

(Photography) (Maas, R.) (Bronowski, H.)

PETROV, I.

Enthusiasts of a perfect organization of production. NTO 4 no.10:23-24 O '62. (MIRA 15:9)

1. Spetsial'nyy korrespondent zhurnala "Nauchno-tekhnicheskiye obshchestva SSSR".
(Art and industry) (Industrial management)

PETROV, I., mayor; VODOTURSKIY, kapitan

Visual aids for studying foreign armies. Voen. vest. [illegible]
55 Ap [illegible]. [illegible]
(Military education)

PETROV, I.

Ways to solve the problem of automatizing mining machinery. Izv. vys. ucheb. zav. gor. zhur. no.8:74 '60. (MIRA 13:9)
(Mining machinery) (Automatic control)

PETROV, I., Laureat Stalinskoy premii

Universal panoramic camera. Sov.foto 20 no.2:37 F '60. (MIRA 13:7)
(Cameras)

PETROV, I.

Prompted by the thought of the future. MTO 2 no.7:23-24 Jl '60.
(MIRA 13:7)

(Technological innovations)

PETROV, I.; KRAYNOV, A.; USATENKO, V.

Acetone fires can be extinguished with water. Pozh.delo 6 no.2: 19 F '60. (MIRA 13:5)

1. Nachal'nik teplofizicheskoy laboratorii TSentral'nogo nauchno-issledovatel'skogo instituta protivopozharnoy oborony (for Petrov). 2. Direktor zavoda iskusstvennogo volokna TSentral'nogo nauchno-issledovatel'skogo instituta protivopozharnoy oborony (for Kraynov). 3. Nachal'nik pozharnoy komandy zavoda iskusstvennogo volokna TSentral'nogo nauchno-issledovatel'skogo instituta protivopozharnoy oborony (for Usatenko).

(Acetone) (Fire extinction)

PETROV, I., inzh.; GERASIMOV, V., inzh.

Mechanical fire sprinklers. Pozh.delo 5 no.11:23 N '59.
(MIRA 13:4)

(Fire sprinklers)

PAL'MOV, E., prof., doktor tekhn. nauk; PETROV, L., kand. tekhn. nauk

Students' section of the Scientific Technical Society. VTC
no.5:35 My '59. (MIRA 12:8)

1.Predsedatel' Sverdlovskogo mezhoblastnogo pravleniya nauchno-tekhnicheskogo obshchestva mashinostroitel'noy promyshlennosti, g. Sverdlovsk (for Pal'mov). 2.Predsedatel' byuro studencheskoy sektsii Sverdlovskogo nauchno-tekhnicheskogo obshchestva mashinostroitel'noy promyshlennosti Ural'skogo politekhnicheskogo instituta im. S.M. Kirova g.Sverdlovsk (for Petrov).
(Sverdlovsk--Research, Industrial)

PETROV, I. (L'vov)

The cost of a discussion. Izobr. i rats. no.4:31 Ap '59.
(MIRA 12:7)

1. Spetsial'nyy korrespondent zhurnala "Izobretatel' i ratsionalizator."
(Lvov--Efficiency, Industrial)

PETROV, I. ; [illegible], [illegible].

"Struggle for the Fulfillment of the plan; From the Experiences of Kuno Wool Textile Combinate at the Iskur Railroad Station."

p. 4 (Elektroenergiia, Vol. 7, No. 3, 1958, Sofiia, Bulgaria)

Monthly Index of East European Accessions (EEAI) LC, Vol. 7, No. 11, Nov. 1958

Country : Yugoslavia
Category : Laboratory Equipment. Instrumentation.

Abs. Jour. : Ref. Zhur -Khimiya, No. 6, 1958 19248

Author : Pavlović, G.; Jovanov, L.
Institut. : Skopje University
Title : Simple Method of Obtaining Water of High Purity for Conductometry.

Orig Pub : Godishen zb. Prirod.-mat. fak. Univ. Skopje. Prirodo-matem. odd., 1956 (1959), 51-55

Abstract : The available methods of purification of the H_2O used in determination of conductance, are considered, and a diagram is shown of a unit which makes it possible to produce about 200 ml/hour of H_2O of specific conductance $\varkappa = (0.05-0.08) \cdot 10^{-6}$ ohm at 18°. -- V. Saturovsky.

Card: 1/1

PETROV, I.

NOVIKOV, P.; PETROV, I.

Reinforced structural [illegible] made of silicate clay. Stroi. mat. 3 no.11:-1 [illegible]. (MIRA 13:12)

1.Upravlyayushchiy trestom "L[illegible]promstroy" (for Novikov). [illegible] (for Petrov).
[illegible]ates)

PETROV, I.

Further improvement in the quality of leather footwear. Sov. torg. no.7:47-49 Jl '57. (MLRA 10:9)

1. Upravlyayushchiy Rossiyskoy respublikanskoy kontoroy Glavobuv'torga.

(Shoe industry)

PETROV, I.

Dormitory for young builders. Stroitel' 2 no.2:24-25 F '56.
(Saratov--Dormitories) (MLRA 9:12)

PETROV, I.

Laying flooring slabs. Stroitel' 2 no.6:22 Je '56. (MLRA 10:1)
(Floors, Concrete) (Concrete slabs)

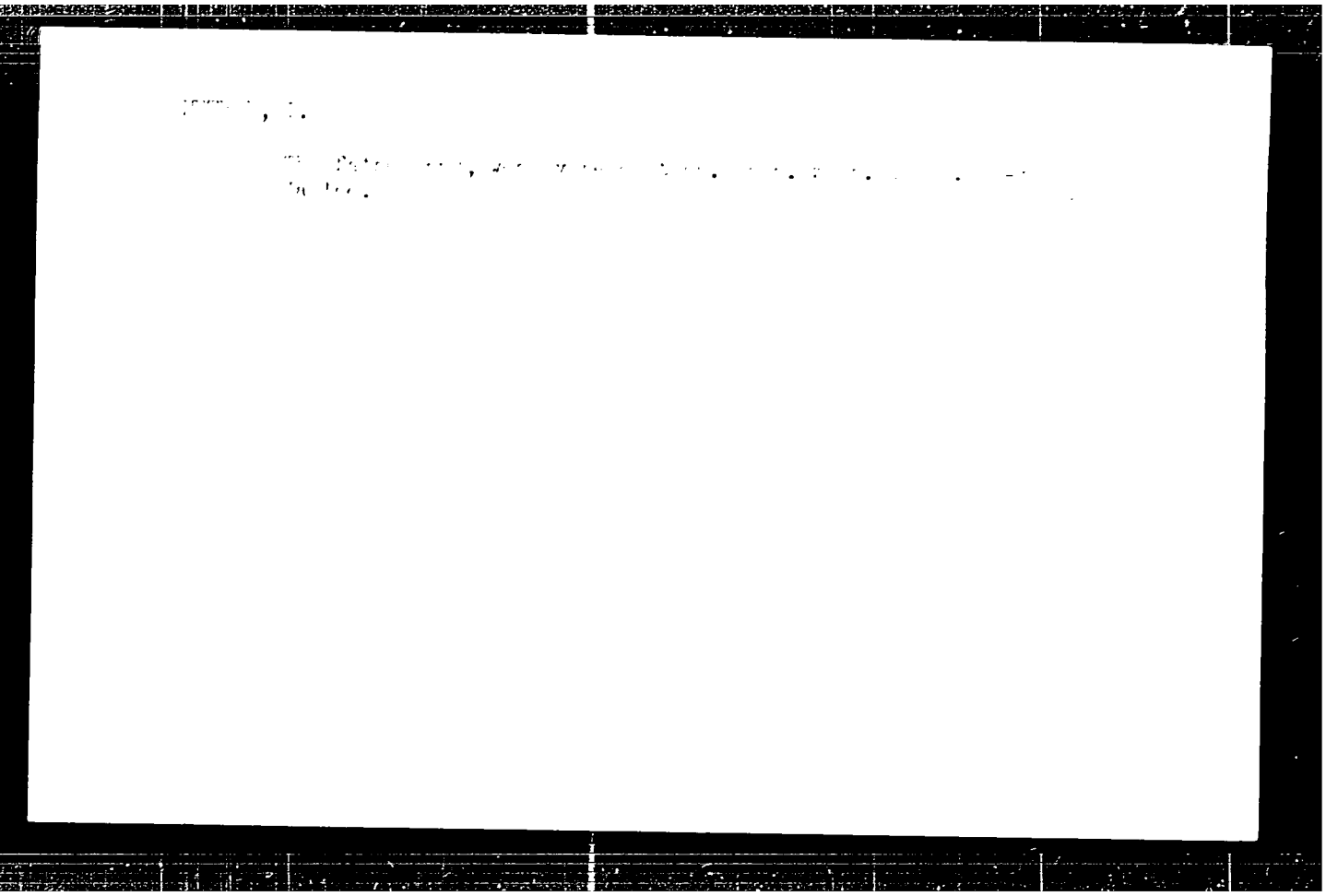
LEOSHKIN, A.; PETROV, I.; SERGEYEV, A.

Training specialists in the organization and standardization of work. Sots. trud. no.6:72-76 Je '58. (MIRA 11:6)
(Industrial organization--Study and teaching)
(Efficiency, Industrial)

PETROV, I.

100,000 bricks from one technological line in twenty-four hours; from practice of the brickworks collective in Nizhniye Kotly, Moscow oblast' Moskva Gos. izd-vo litry po stroit materialam, 1952 30 p (Novatory promyshlen-n sti stroitel'nykh materialov) (U-17520)Electric transformers; manual for higher technical schools) M_0 kva, Gos. energ. izd-vo, 193 4--(Mic 52-8.1)

Microfilm AC-74



PETR[illegible]V, I.

Radio in forest industry. p. [illegible].

RADIO. Vol. [illegible], no. [illegible], 1[illegible]

Sofiia, Bulgaria

SOURCE: East European Accessions List (EEAL) Library of Congress, Vol. [illegible], No. 1, January 19[illegible]

PETROV, I.

"Some Experiences in the Application of Agrobiology According to Michurin and Lysenko under Conditions Prevailing in Slovakia." p. 147, Bratislava, Vol. 6, 1951.

SO: East European Accessions List, Vol. 3, No. 9, September 1954, Lib. of Congress

PETROV, I.

PETRO , I.

The training of junior officer cadres. No 9.

Tankist, No 12, 1948.

PETROV, I.

PETROV, I.

The political education of servants a [illegible] rank. [illegible]

Tankist, no 12, 19[illegible].

PETROV, I. (Engr-Lt Col) and LOGINOV, Ye. (Engr.Maj)

"Preparing an Area for More Accurate Work," VVF, No.[illegible], 1955

Concerning the equipping of laboratories and shops doing work on aircraft with machines and instruments that permit more efficient and accurate work.

Sum. #570, 7 Jul 55

PETROV, I.

AID P - 1815

Subject : USSR/Aeronautics

Card 1/1 Pub. 35 - 10/19

Authors : Petrov, I., Engineer Lt. Col. and Lozhnikov, Ye., Engineer Major

Title : Equipment of stations for periodical maintenance work

Periodical : Vest. voz. flota, 3, 53-57, Mr 1955

Abstract : The author is especially interested in maintenance methods in which the equipment of the aircraft is dismounted, tested and adjusted on special stands or benches. Special attention is given to the three following stands: 1) stand for the installations of instruments, 2) working bench for checking remote control installations, and 3) stand for checking night photo cameras for aircraft. Diagrams of the above three installations are given. Some names are mentioned.

Institution: None

Submitted : No date

PETROV, I.

USSR, Tadzhik SSR
Leninabad, Leninabadskaya O.
Concern: Industries of the Region

SOURCE: N: Kommunist Tadzhikistana-Stalina ed Tadzhikskaya SSR, 194
Abstracted in USAF "Treasure Island" Report No. 2357, on file in:
Library of Congress, Air Information Division.

PETROV, I.

USSR, Tadzhik SSR
Leninabad, Leninabskaya ob
Concern: Oil Industry

SOURCE: N: Kommunist Tadzhikistana-Stalinabad Tadzhikskaya SSR, 19[illegible]
Abstracted in TSV "Treasure Island" Report No. 2357 , on file in
Library of Congress, Air Information Division.

PETROV, Khr.; PETKOV, Iv.

The temperature effect of ultrasound oscillations at the dissolution of steel in phosphoric acid. Godishnik mash elekt 10 no.1:153-162 '61 (publ. '62).

MARKOV, M.; PETROV, I.

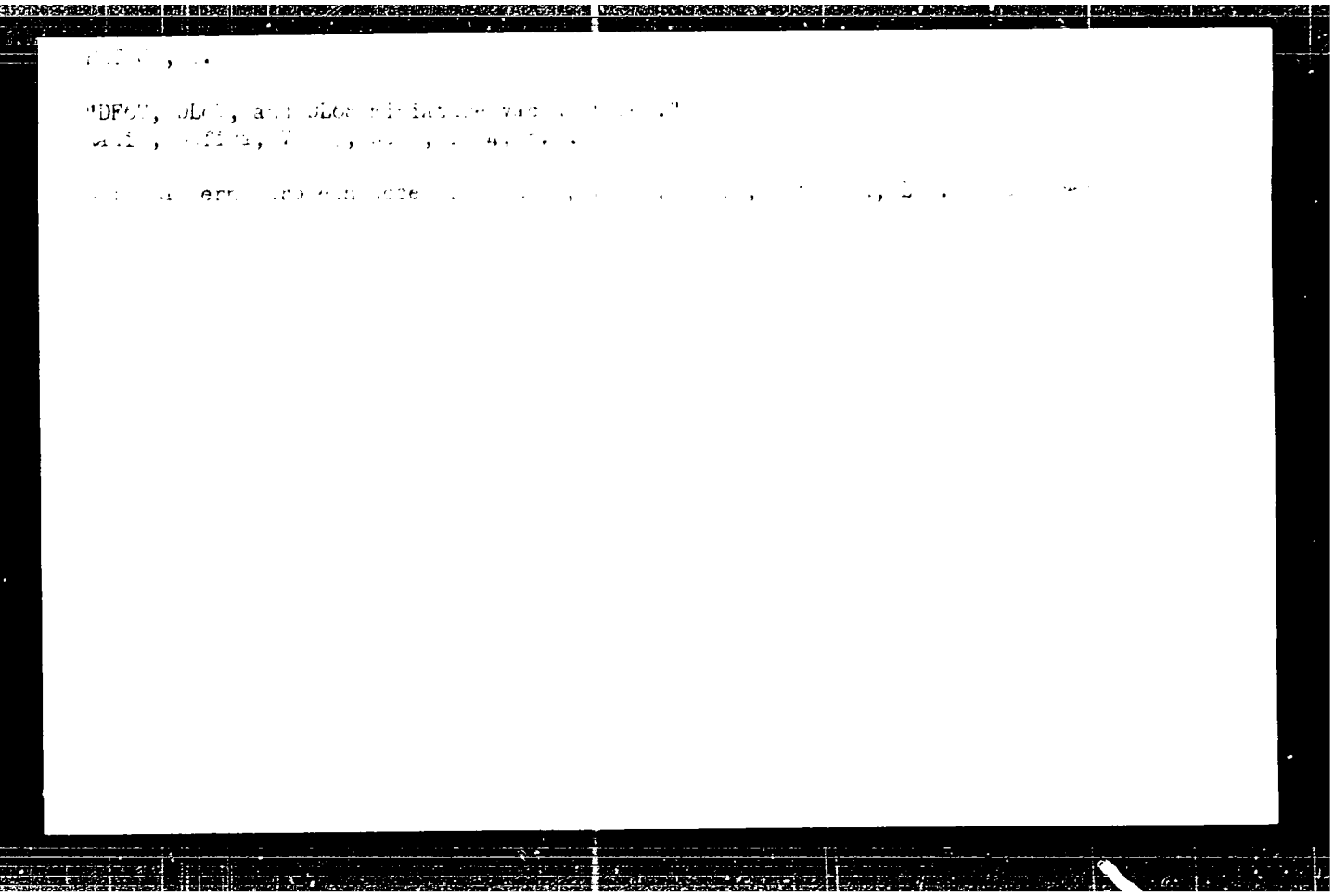
On the mechanism of gustatory sweating. Dokl. Bolg. akad. nauk 15 no.1:89-92 '62.

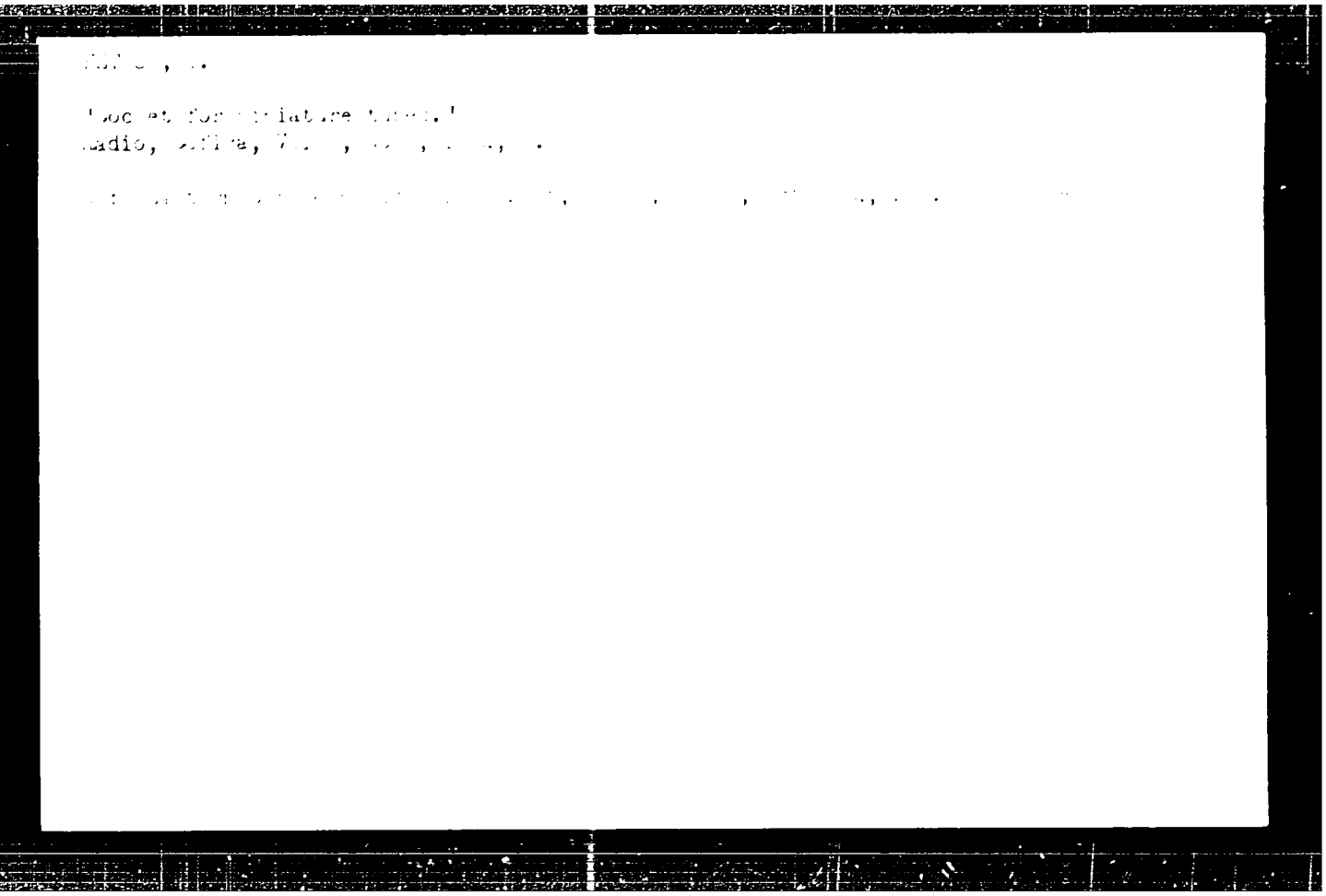
1. Vorgelegt von Akademiemitglied D. Orahovats.
(SWEATING physiol) (TASTE physiol)

PETROV, I.

USSR, Ukraine SSR
Slate Factory, Kramatorsk

SOURCE: U: Construction Materials Industry Moscow April [illegible]
Abstracted in USSR "Treasure Island" Report No. [illegible], on file in
Library of Congress, Air Information Division.





[illegible], I.

USSR

"Railway Lines" Kommunist Tadzhikistana, Jan. [illegible].

SOURCE: Kommunist Tadzhikistana, Jan. 194[illegible] Tadzhikskaya SSR
Abstracted in USAF "Translations on Islam" Report No. [illegible], on file in
Library of Congress, Air Information Division.

PETROV, I.

USSR
Rostov
Gn-State Factory

SOURCE: M: Problyy Tekhnologii Stroitel'nykh Materialov, Moskva, [illegible], 1 Apr.
Abstracted in VINITI "Treatise Plan" Report No. [illegible], of file:
Library of Congress, Air Information Division

P[illegible], I.

USSR, Ukrainian SSR
Dneprozerz Insk, Ukrainian SSR
On-Cement Factory

SOURCE: M: Prom'yshlennost' stroitel'nykh Materialov, Moscow, [illegible]
Abstracted in [illegible] "Treasure Island" Report No. I. [illegible], on file in
Library of Congress, Air Information Division

PETROV, I.

[illegible], Ukrainian SSR
Konstantinovka,
On-Glass Works im. "Avtogen"

SOURCE: N. Promyshlennost' Stroitel'nykh Materialov, Moscow, Apr, 1947
Abstracted in USAF "Translated Items" Report No. [illegible], on file in
Library of Congress, Air Information Division.

PETKOV, I.

Gavril Genov. P. 1. (...ATSILA, No. 1 Jan. 1/52, Sofiya,

SO: MONTHLY LIST OF ... Vol. ... #3 ..., Mar., Unclassified

9. Monthly List of Russian Accessions, Library of Congress, [illegible] 1953. Unclassified.

PETROV, I.

Argentina - Description and Travel

Argentine Chaco, Vokrug sveta, No. 1, 1952.

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

PETROV, I.

USSR/Radio
Cells, Dry
Batteries, Radio

Apr 48

"New Dry Battery Blocks," I. Petrov, 1 p

"Radio" No 4

Many radio listeners have found problem of satisfactory batteries hard to solve. Describes new dry battery block, composed of two BNS-MVD-500 batteries, which is said to be good for 1,000 hours. Emf is approximately 1.4 volts. It is hoped these batteries will be available soon for the general public.

FDB

4/49782

PETROV, I.; NIKOLAYEVA, A.

Turkey - Commerce

Enslavement of Turkey by American capital. Vnesh.torg. 23, No. 2, 1953.

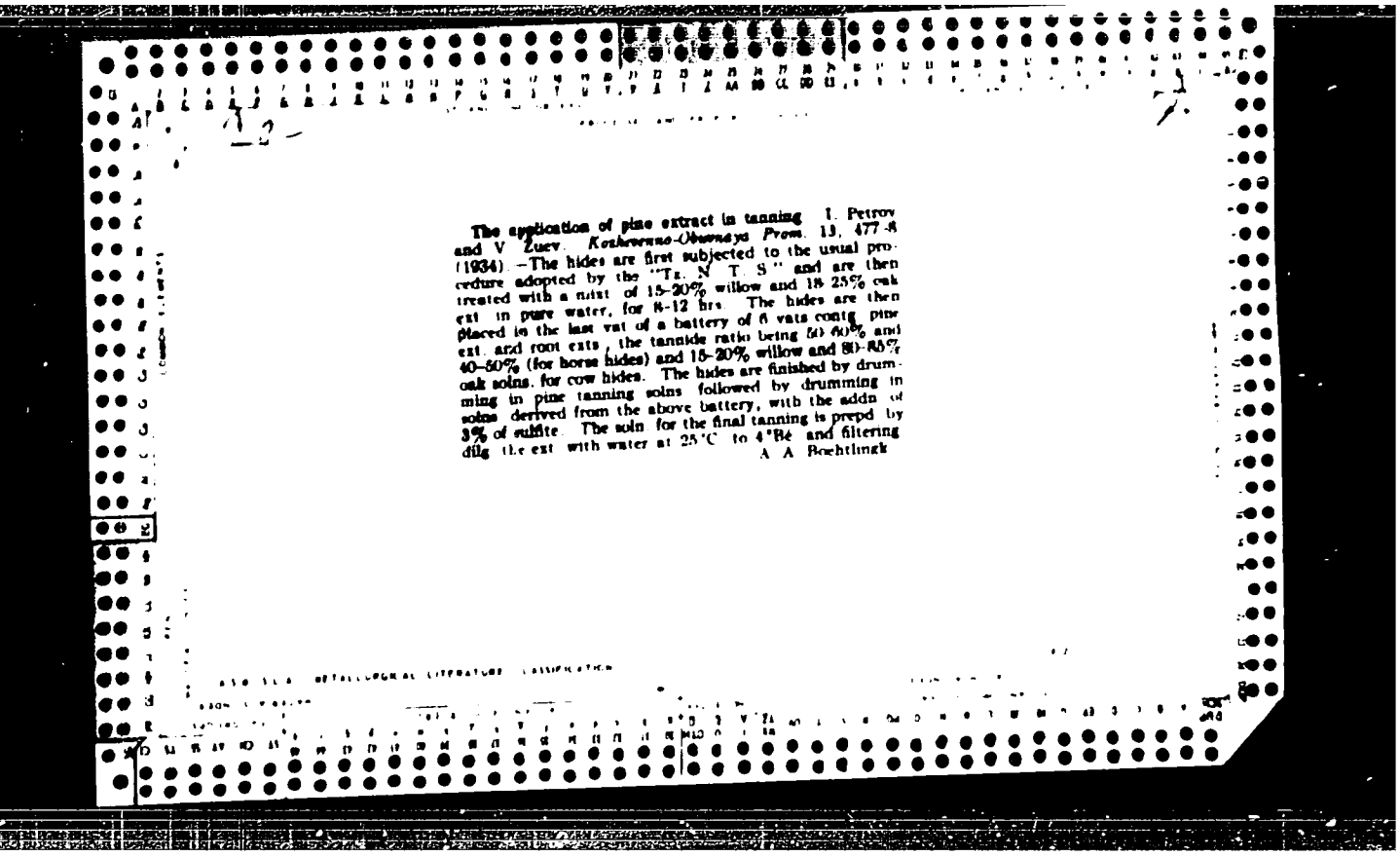
Monthly List of Russian Accessions, Library of Congress, June 1953. Unclassified.

PETROV, I. ; NIKOLAYEVA, A.

Turkey - Economic Assistance, American

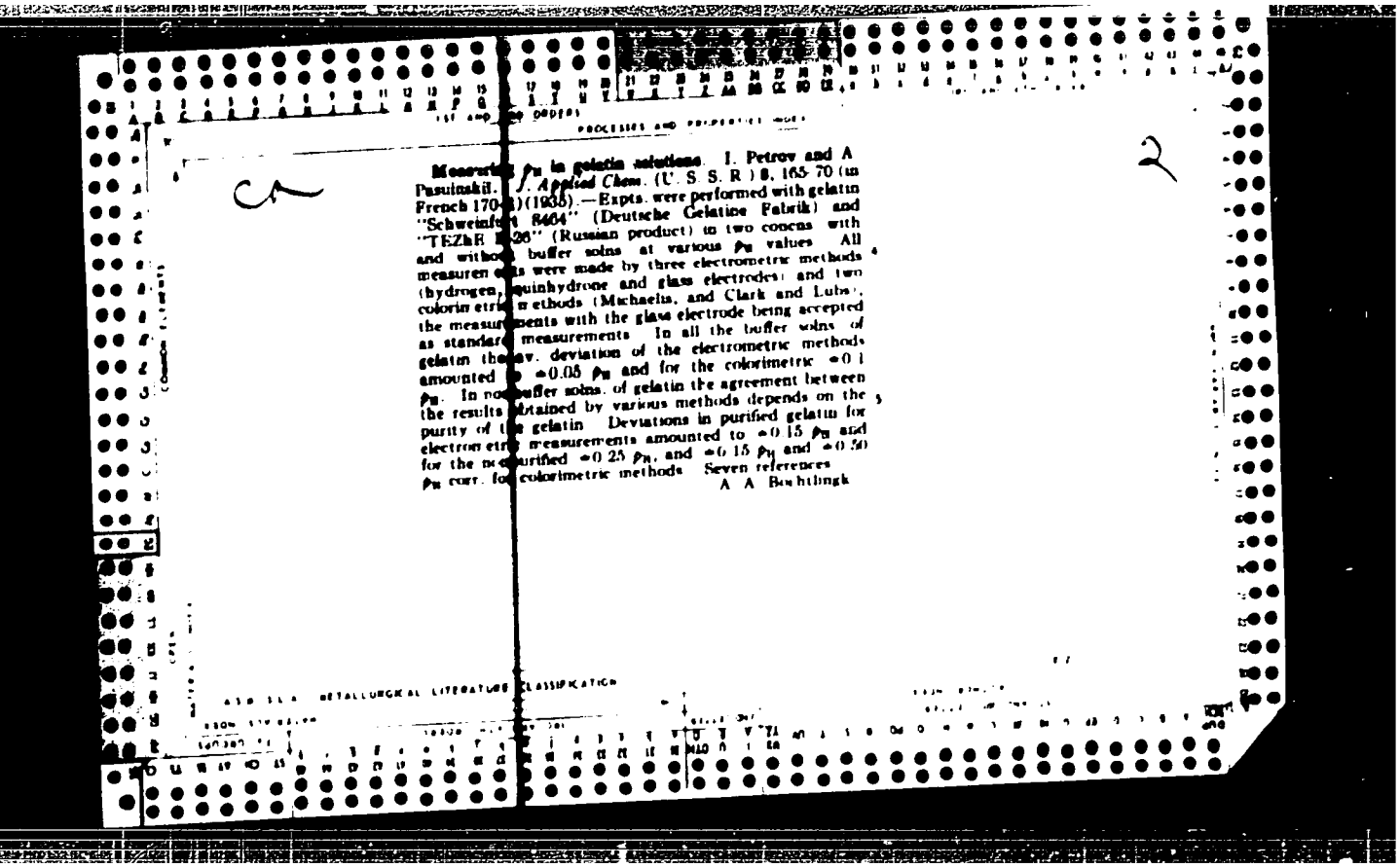
Enslavement of Turkey by American capital, Vnesh.torg. 23, No. 2, 1953.

Monthly List of Russian Accessions, Library of Congress, June 1953. Unclassified.

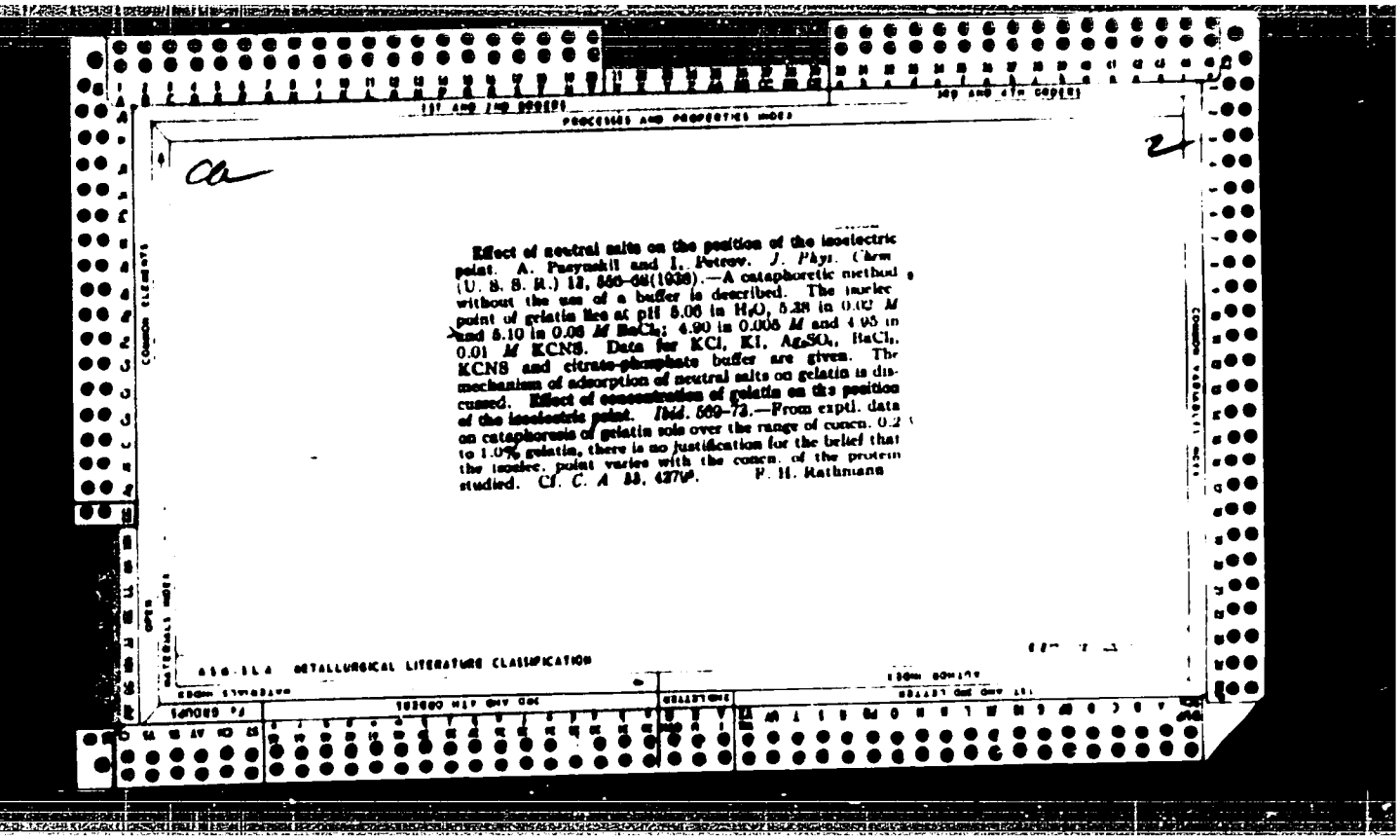


The application of pine extract in tanning. I. Petrov and V. Zuev. *Kozhevenno-Obuvnaya Prom.* 13, 477-8 (1934).—The hides are first subjected to the usual procedure adopted by the "Tz. N. T. S." and are then treated with a mixt. of 15-20% willow and 18-25% oak ext. in pure water, for 8-12 hrs. The hides are then placed in the last vat of a battery of 6 vats contg. pine ext. and root exts., the tannide ratio being 60-65% and 40-50% (for horse hides) and 15-20% willow and 80-85% oak solns. for cow hides. The hides are finished by drumming in pine tanning solns. followed by drumming in solns. derived from the above battery, with the addn. of 3% of sulfite. The soln. for the final tanning is prepd. by dilg. the ext. with water at 25°C. to 4°Bé. and filtering.

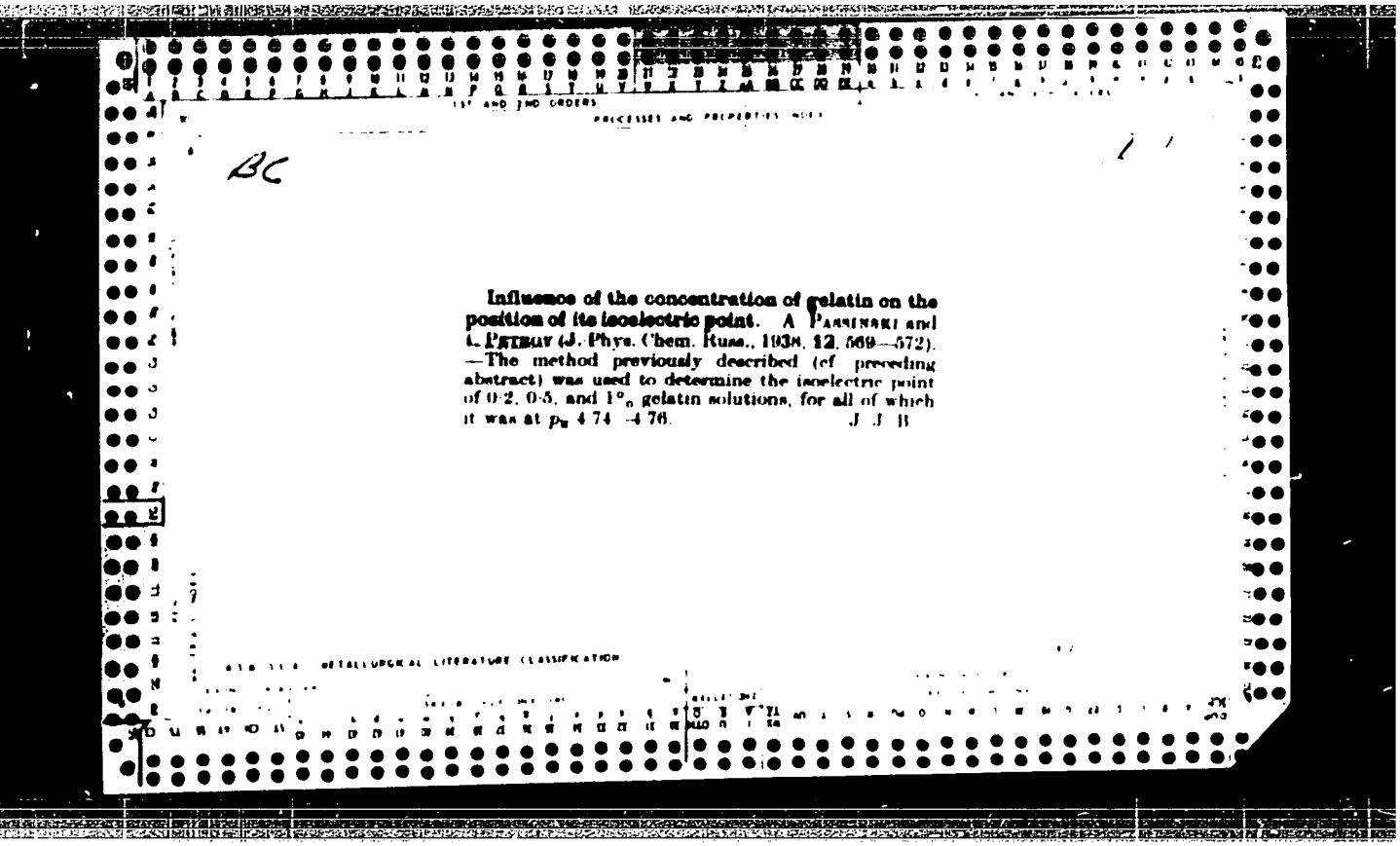
A. A. Boehtlingk



Measuring p_H in gelatin solutions. I. Petrov and A Pasulmskii. *J. Applied Chem.* (U. S. S. R.) 8, 165-70 (in French 170-3)(1935).—Expts. were performed with gelatin "Schweinfurt 8464" (Deutsche Gelatine Fabrik) and "TEZhR 1-26" (Russian product) in two concns with and without buffer solns at various p_H values. All measurements were made by three electrometric methods (hydrogen, quinhydrone and glass electrodes) and two colorimetric methods (Michaelis, and Clark and Lubs), the measurements with the glass electrode being accepted as standard measurements. In all the buffer solns of gelatin the av. deviation of the electrometric methods amounted to ±0.05 p_H and for the colorimetric ±0.1 p_H. In non-buffer solns. of gelatin the agreement between the results obtained by various methods depends on the purity of the gelatin. Deviations in purified gelatin for electrometric measurements amounted to ±0.15 p_H and for the non-purified ±0.25 p_H, and ±0.15 p_H and ±0.50 p_H corr. for colorimetric methods. Seven references.
A. A. Boehringk



Effect of neutral salts on the position of the isoelectric point. A. Pasynskii and I. Petrov. *J. Phys. Chem* (U. S. S. R.) 12, 555–68(1938).—A cataphoretic method without the use of a buffer is described. The isoelec point of gelatin like at pH 5.06 in H_2O, 5.28 in 0.02 *M* and 5.10 in 0.06 *M* $BaCl_2$; 4.90 in 0.005 *M* and 4.95 in 0.01 *M* KCNS. Data for KCl, KI, $AgSO_4$, $BaCl_2$, KCNS and citrate-phosphate buffer are given. The mechanism of adsorption of neutral salts on gelatin is discussed. Effect of concentration of gelatin on the position of the isoelectric point. *Ibid.* 569–73.—From exptl. data on cataphoresis of gelatin sols over the range of concn. 0.2 to 1.0% gelatin, there is no justification for the belief that the isoelec. point varies with the concn. of the protein studied. *Cf. C. A.* 33, 4279⁹. P. H. Rathmann



BC

Influence of the concentration of gelatin on the position of its isoelectric point. A PASSYNSKII and L. PYSHKIN (J. Phys. Chem. Russ., 1938, 12, 569—572). —The method previously described (cf preceding abstract) was used to determine the isoelectric point of 0·2, 0·5, and 1% gelatin solutions, for all of which it was at p_H 4·74—4·76. J. J. B.

BC

Influence of neutral salts on the position of the isoelectric point of gelatin. A PASHINSKI and I. PETROV (J. Phys. Chem. Russ., 1938, 12, 550–568). —The rate of cataphoretic migration of the boundary between gelatin sol and gelatin sol + Au sol was measured, and from its dependence on the p_H the isoelectric point was calc. Small concns. of $BaCl_2$ shift this point from 5·06 to 5·4, whilst high $BaCl_2$ lowers it again. KCNS causes a lowering of the point to 4·90 followed by a rise at high [KCNS]. Ag_2SO_4 and a citrate–phosphate buffer are almost inactive.

J. J. B.

PROCESSES AND PROPERTIES INDEX

BC

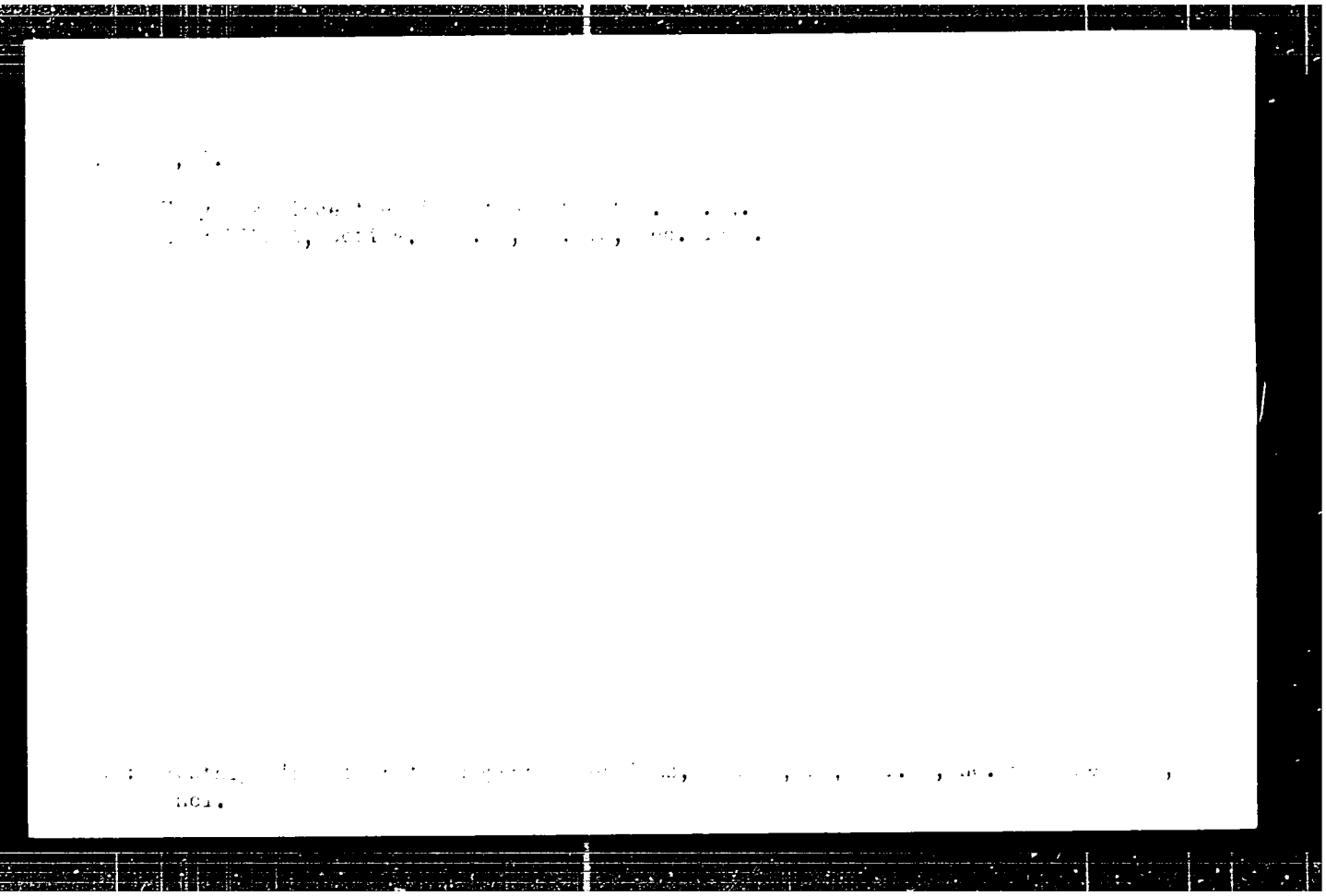
p_H measurements in gelatin solutions. I. Petrov and A. Pasynski (J. Appl. Chem. Russ., 1936, 9, 165—171; cf. A., 1932, 700).—The p_H of buffered gelatin solutions can be reproduced with an accuracy of ±0·05 electrometrically (H, quinhydrone, glass electrodes), and ±0·1 colorimetrically with Michaelis' and with Clark and Lubs' indicators. In unbuffered solutions the corresponding vals. are ±0·15 for purified, and −0·25 and −0·50 for impure, gelatin. R. T.

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

MARKOV, I.; PETROV, I.

On the mechanism of gustatory perspiration. Doklady BAN 15 no.1: 89-92 '62.

1. Vorgelegt von Akademiemitglied D. Orahovats [Orakhovats, D.].



ZHOLKOVSKIY, I., inzhener-mayor; [illegible], I., inzhener-polkovnik;
[illegible], V. V., inzhener-[illegible]

Periodicity of [illegible]. Av. i kosm. 46 no.5:49-51
My '64. (MIRA 17:8)

PETROV, I.

Petrov, I. [illegible]

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. [illegible], No. [illegible], Nov. 1953, Uncl.

PETROV, I.

Simple O-V-1 radio receiver. p. 15.
(Radio Vol. 4, no. 1, 1956, Sofiya)

SO: Monthly List of East European Accessions, (EEAL). LC, Vol. 4, No. 11, Nov. 1955, Uncl.

PETROV, I. - Gorsko Stopanstvo

Experiments in reforestation with seed of conifers. p. 136
(GORSKO STOPANSTVO Vol. 11, No. 3, Mar. 1955)

SO: Monthly list of East European Accession, (EEAL), LC, Vol. 4, No. 9, Sept. 1955, Uncl.

PETROV, I.

Condensers with constant capacity. (Supplement) p. VII.

RADIO. Vol. 4, No. 11, 1955

Sofiya, Bulgaria

So. East European Accessions List Vol. 5, No. 9 September, 1956

PETROV, I.

Thermistors. Radio no.7:48-51 Jl'55. (MLRA 8:10)
(Thermistors)

PETROV I.

USSR/ Electronics - Thermistors

Card 1/1 Pub. 89 - 16/21

Authors : Petrov, I.

Title : Thermistors

Periodical : Radio 7, 48 - 51, Jul 1955

Abstract : The several types of thermistors manufactured by Soviet Radio Industry are described. It is stated that thermistors can find application in various fields of science and technique, namely; in agriculture, in astronomy (to determine temperature of planets), in medicine, meteorology (to measure temperature and humidity of air, direction and velocity of wind, amount of precipitation, etc.). In aviation, thermistors can be used in anti-icing devices, for the control of engine cooling systems and rpm and to determine the temperature of exhaust gases of an engine or turbine of jet airplanes. Other characteristics of thermistors are listed. Tables; graphs; diagrams; drawings; illustration.

Institution : .....

Submitted : .....

DITMAR,A.; PETROV,I.

"Physical geography of Yugoslavia." A.N.Gratsianskii. Reviewed by A.Ditmar, I.Petrov. Vokrug sveta no.9:61-62 S '55. (MLRA 8:12)
(Yugoslavia--Physical geography)(Gratsianskii, Andrei Nikolaevich)

SAVOSTIN,D., laureat Stalinskoy premii; PETROV,I.

One hundred and thirty thousand every 24 hours from one production line. Stroi.mat., izdel. i konstr. 1 no.8:27-29 Ag'55. (MLRA 8:11)

1. Nachal'nik osnovnogo tsekha Nizhnekotel'skogo zavoda (for Petrov)
(Brickmaking)

L 46210-66 EWT(1) SCIB RKC/DD
ACC NR: AP6011739 (A) SOURCE CODE: UR/0317/66/000/003/0028/0033

AUTHOR: Petrov, I. (Lieutenant general); Mileryan, Ye. (Candidate of pedagogical sciences)

CRG: None

TITLE: Psychological selection of specialists

SOURCE: Tekhnika i vooruzheniye, no. 3, 1966, 28-33

TOPIC TAGS: military personnel, military recruitment, aptitude testing, psychometry

ABSTRACT: After developing the necessary background, a selective method of recruitment of military personnel on the basis of various psychological factors is discussed. The importance of human behavior, natural propensity, environmental influences and other factors of a psychological nature are stressed. Applications of psychoanalitical methods (since 1922) to the Air Force personnel and special aptitude tests are mentioned. A further development and improvement in selection of specialized personnel for various technical services is strongly recommended, especially in connection with new weapons requiring new approaches to their effective use and applications. Distinctive inclinations of a person's character for doing better work in one or another specialty must be taken into account and discovered by using special aptitude testing methods. Some statistical results taken from American and French Air Force aptitude testing practices are cited. In connection with these results, it is mentioned that about 30% of military

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ACC NR: AP6011739

academy cadets were not accepted for aircraft piloting service. Some deficiencies of aptitude testing by means of using standard paper forms with problems and questions are criticised, and the use of special automatic devices for examination of candidates is recommended. A special program was worked out covering sensitive reactions (sight, hearing, touch), mental faculties (concentration, attention, diversion, emotion) and various behavior patterns. The device testing is accompanied by interviews and discussions conducted by the members of the examination commission. An example of a successful application of this improved psychological system is presented in connection with high ratings received by 337 pilot cadets who had been selected by the commission for pilot training. The psychological method of aptitude testing is widely used in aviation schools. Hope is expressed that this method also will be used for recruiting personnel for naval, armored-tank and rocket-missile forces.

SUB CODE: 05, 15/ SUBM DATE: None/ ORIG REF: 003

Card 2/2 blg

PERNOV, K.; ILCHOVSKI, St.; STOEVA, Z.; DASKALOVA, L.; FESCHIEVA, N.; PETROV, Ig.; TANEVA, Iv.; BOIADZHIEVA, Iv.; MISHKOVA, R.

On clinical forms of multiple sclerosis. Suvr. med. 13 no.11: 93-99 '61.

1. Iz Katedrata po nervni bolesti pri VMI [Vissh meditsinski institut] - Sofiia (Rukov. na katedrata prof. S. Bozhinov).
(MULTIPLE SCLEROSIS)

VORONKOVA, Yelena Mikhaylovna; [illegible]STER, Grigoriy Isaakovich; GRECHUSHNIK V., Boris Nikolayevich; PETROV, Igor' Petrovich; ASKOCHENSKIY, A.A., otv. red.

[Optical materials for infrared technology] Opticheskie materialy dlia infrakrasnoi tekhniki; spravochnoe posobie. Moskva, Nauka, 1965. [illegible] p. (MIRA 18:7)