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Introduction of herbaceous plants with tannin-yielding roots.
Trudy Bot.inst.Ser.6 no.7:380-384 '59. (MIRA 13:4)

1. Botanicheskiy institut im. V.L.Komarova AN SSSR (BIN), Leningrad.
(Knotweed) (Tannins)

PERVUKHIN, F.S.

Polygonum coriarium Grig., a new tannin plant. Bot.zhur. 44 no.9:1282-1283 S '59. (MIRA 13:2)

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(Knotweed) (Tannins)

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(Cudweed) (MIRA 11:10)

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Results of cultivating the tannic knotweed Polygonum coriarium Grig. in Leningrad Province. Trudy Bot.inst.Ser.5 no.4:286-296 '56. (Leningrad Province--Knotweed) (MLRA 9:6)

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Polyamides based on amino acids of the cyclohexane series. Part 2: Synthesis of cis- and trans- -(4-aminocyclohexyl) propionic acids and their polyamides. Vysokom. soed. 5 no.10:1473-1478 O '63. (MIRA 17:1)

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ROSBOLIMO,L., Trudy Limnologicheskoi Stantsii v Kosino 1938,
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1. PERVUKHIN, M. G.

2. USSR (600)

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Chemistry - Fertilizers

"Let Us Increase Production and Raise the Quality of Mineral Fertilizers and Chemists for the Agricultural Economy," M. G. Pervukhin, Minister Chem Industries USSR, 4 pp

"Khim Prom" No 4

Urges all workers in agricultural chemistry to fulfill requirements of first postwar Five-Year Plan. Gives very few production figures, most amounts being in percentages based on prewar production.

58T19

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(Abakumov, Egor Trofimovich, 1895-1953)

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[Work of the lumber industry] O rabote lesnoi promyshlennosti. Moskva, Gospolitizdat, 1954. 32 p. (MLRA 8:1 D)

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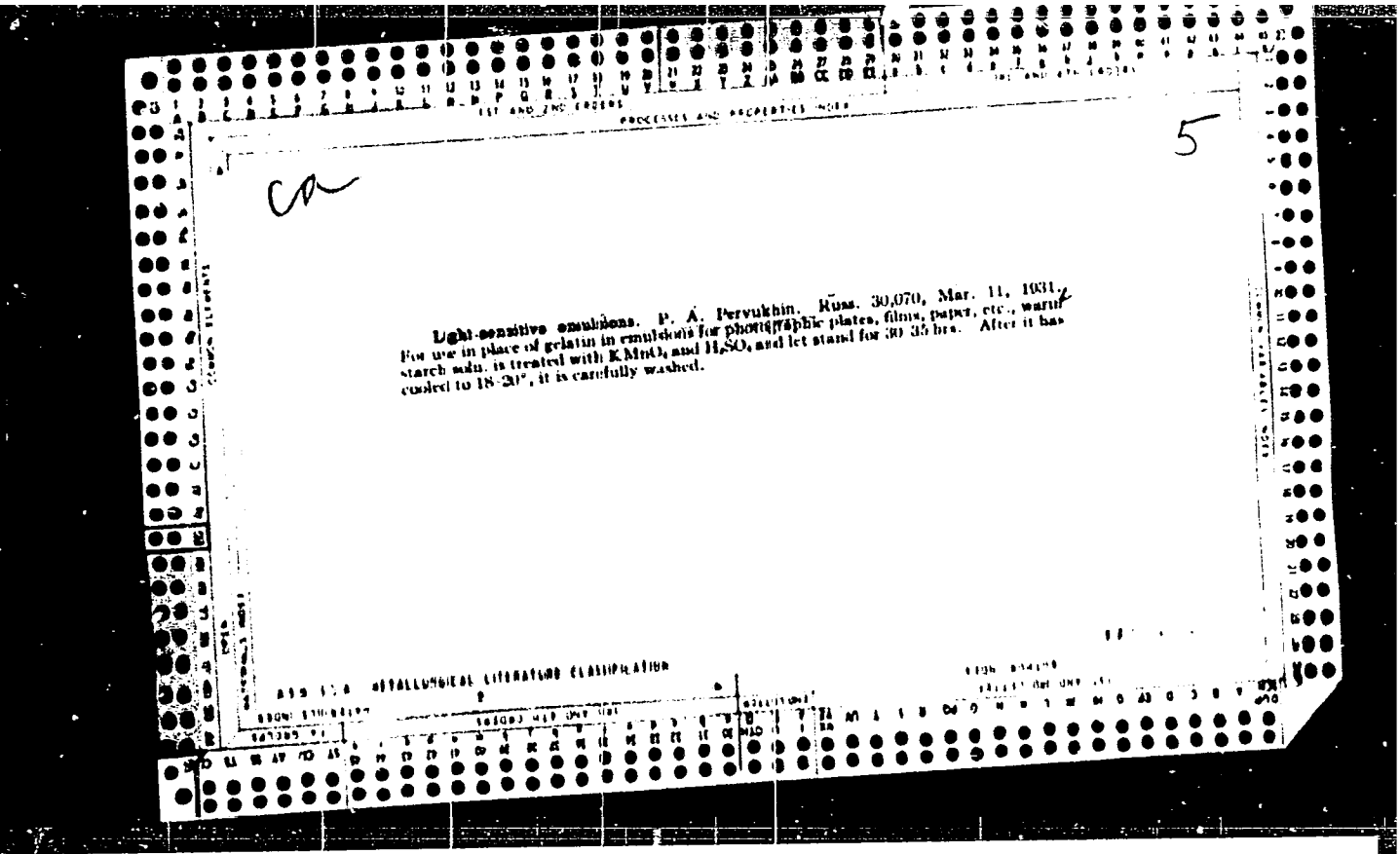
Vladimir Nikolaevich Sergeev; obituary. Elek. sta. 27 no.3:63 Mr '56. (MLRA 9:8)

(Sergeev, Vladimir Nikolaevich, 1903-1956)



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The BMP-110 boring machine. Biul. tekh.-ekon. inform. no.8:3-4 (MIRA 13:9)
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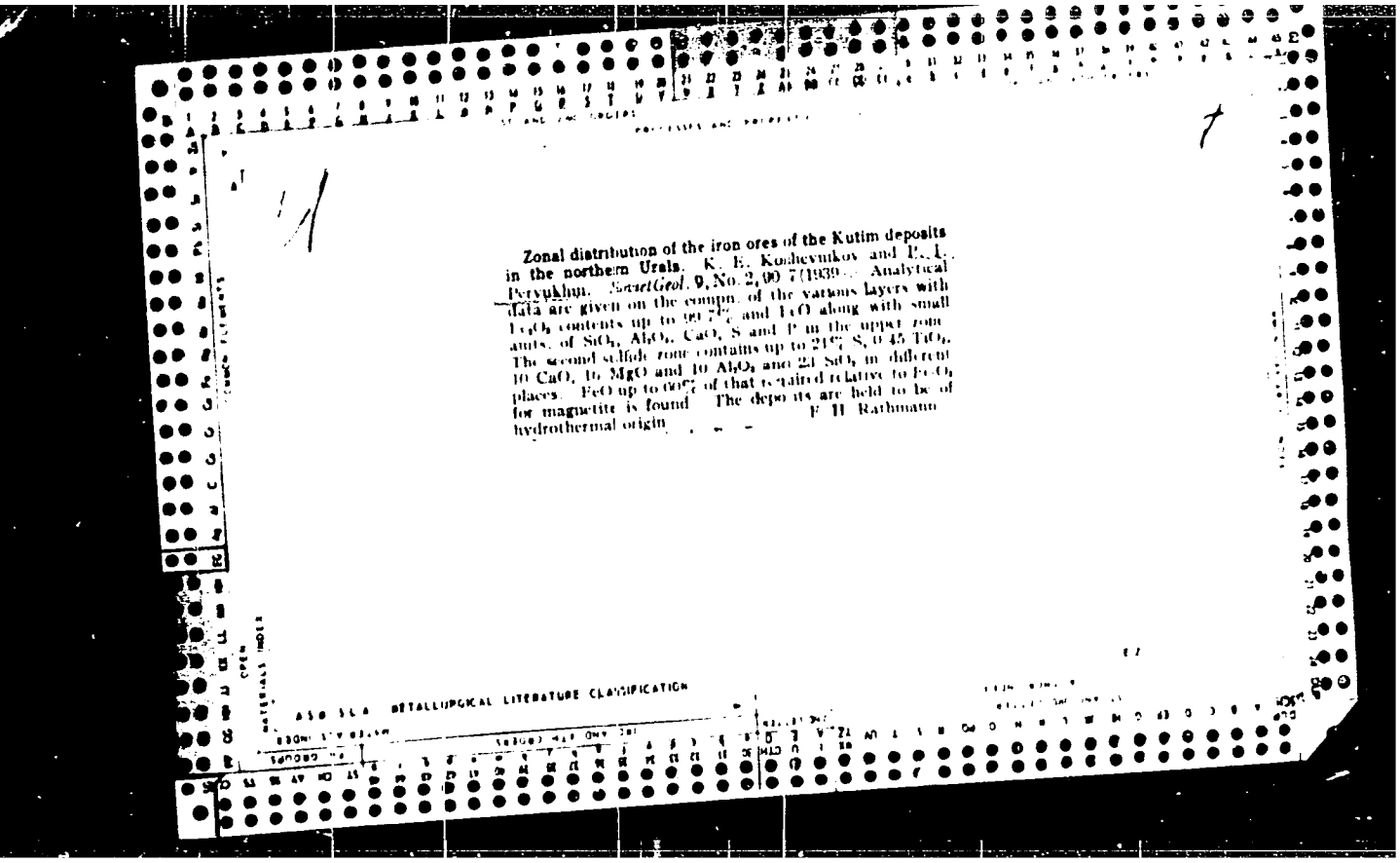
(Boring machinery)

PERVUKHIN, P.I.

BMP-110 boring machine. Gor.zhur. no.7:56-57 Jl '60.
(MIRA 13:7)

1. Glavnyy inzhener Pervoural'skogo zavoda gornogo oborudovaniya.
(Boring machinery)



Zonal distribution of the iron ores of the Kutim deposits in the northern Urals. K. E. Kozhevnikov and P. L. Pervukhin. *Sovet Geol.* 9, No. 2, 90-7 (1939).—Analytical data are given on the compn. of the various layers with Fe$_2$O$_3$ contents up to 90.7% and FeO along with small amts. of SiO$_2$, Al$_2$O$_3$, CaO, S and P in the upper zone. The second sulfide zone contains up to 21% S, 0.45 TiO$_2$, 10 CaO, 10 MgO and 10 Al$_2$O$_3$ and 24 SiO$_2$ in different places. FeO up to 60% of that retained relative to Fe$_2$O$_3$ for magnetite is found. The deposits are held to be of hydrothermal origin. P. H. Rathmann

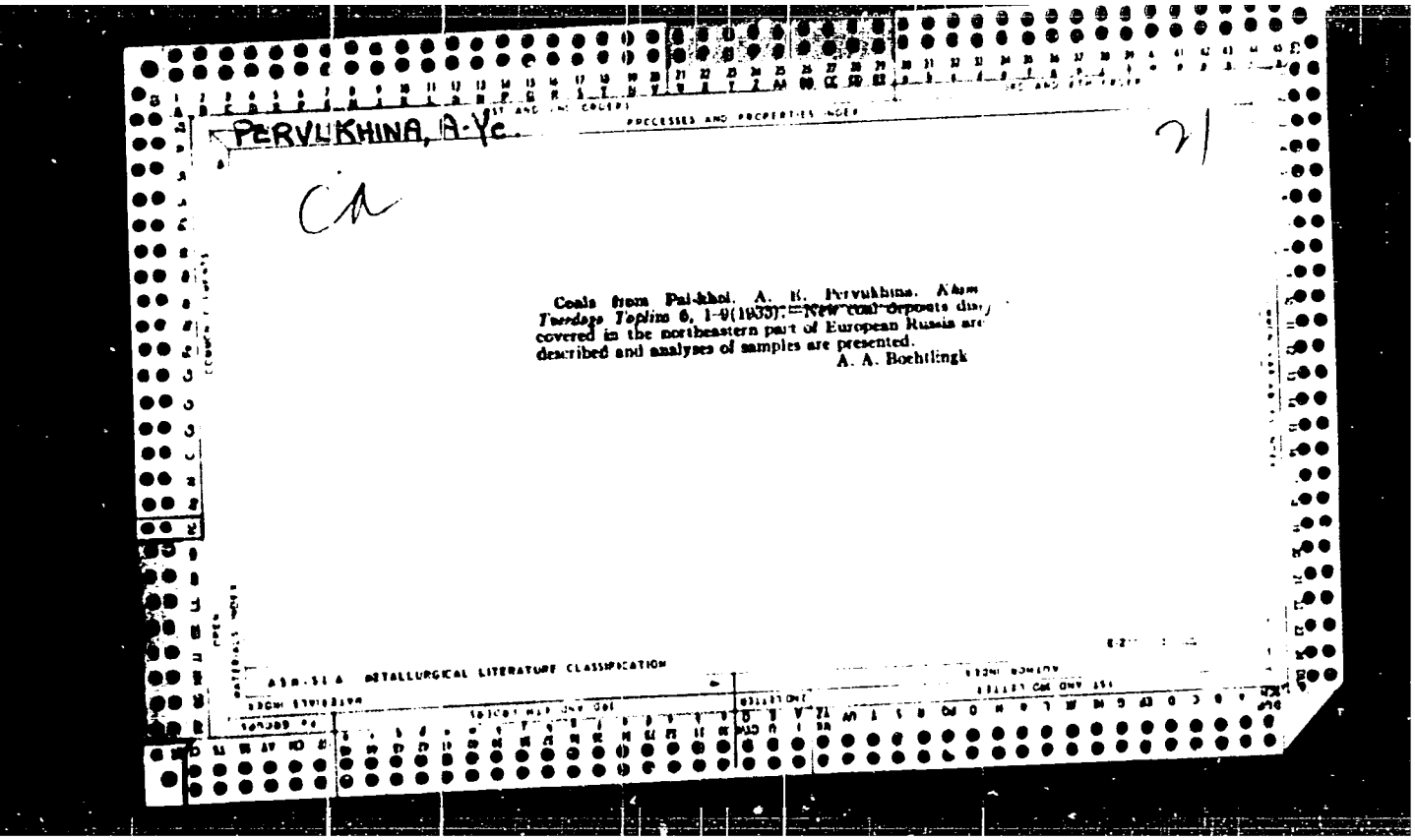
PERVUKHIN, Viktor Dmitriyevich; AKIMOV, A.I., red.; IOFINOVA, TS.B., red. izd-va; SHIBKOVA, R.Ye., tekhn. red.

[Use of logging waste and processing of wood at the lumbering industry; experience of the work of the Kakmozh Lumbering Enterprise. Udmurt Logging Combine] Ispol'zovanie lesosechnykh otkhodov i pererabotka drevesiny v lespromkhoze; opyt raboty Kakmozhskogo lespromkhoza kombinata Udmurtles. Moskva, Goslesbumizdat, 1962. 33 p. (MIRA 15:4)
(Udmurt A.S.S.R.--Lumbering)

UDOVIN, G.M., prof., otv. red.; TERVUKHIN, V.Yu., dots., red.; KHLYSTOVA, T.S., prof., red.; DUNAYEV, P.V., dots., red.; KUZYAKINA, A.F., dots., red.

[Materials of the Histological Conference on the Problem "Reactivity and Plasticity of the Epithelium and Connective Tissue Under Normal Experimental and Pathological Conditions" dedicated to the memory of Professor F.M. Lazarenko, corresponding member of the Academy of Medical Sciences of the U.S.S.R.] Materialy Gistologicheskoi konferentsii po probleme "Reaktivnost' i plastichnost' epiteliia i soedinitel'noi tkani v normal'nykh, eksperimental'nykh i patologicheskikh usloviiakh," posviashchennaia pamiati chlena-korrespondenta AMN SSSR professora F.M.Lazarenko. Orenburg, Orenburgskii sel'khoz. in-t, 1962. 165 p. (MIRA 17:8)

1. Gistologicheskaya konferentsiya po probleme "Reaktivnost' i plastichnost' epiteliya i soyedinitel'noy tkani v normal'nykh, eksperimental'nykh i patologicheskikh usloviyakh," posvyashchennaya pamyati chlena-korrespondenta AMN SSSR professora F.M.Lazarenko. Orenburg, 1960. 2. Orenburgskiy sel'skokhozyaystvennyy institut (for Udovin, Kuzyakina). 3. Orenburgskiy meditsinskiy institut (for Khlystova, Dunayev).



PERVUKHINA, A.Ye.

CA

21

Coals from Pai-khoi. A. E. Pervukhina. *Trudoye Toplina* 6, 1-9(1955).—New coal deposits discovered in the northeastern part of European Russia are described and analyses of samples are presented.
A. A. Boehtlingk

KOGAN, B.I.; KAL'ZHANOVA, Ye.G.; SAL'TINA, L.V.; SOLODOV, N.A.; DMITRIYEVA, O.P.; Prinimali uchastiye: UKHANOVA, N.I.; PERVUKHINA, A.Ye.; KAZANTSEVA, V.G.; ULANOVSKAYA, V.D.; VLASOV, K.A., glav. red.; L'ZUNOV, N.V., otv. red.; PYATENKO, Yu.A., otv. red.; SALTYKOVA, V.S., otv. red.; SLEPNEV, Yu.S., otv. red.; FABRIKOVA, Ye.A., otv. red. PODOSEK, V.A., red. izd-va; GOLUB', S.I., tekhn. red.

[Rare alkali metals (lithium, rubidium, and sesium); a bibliography on their geochemistry, mineralogy, crystal chemistry, geology, the analytic methods of their determination, and their economics]Redkie shchelochnye metally (litii, rubidii i tsezii); bibliografiia po geokhimii, mineralogii, kristallokhimii, geologii, analiticheskim metodam opredeleniia i ekonomike. Sost. B.I.Kogan i dr. Moskva, Izd-vo Akad. nauk SSSR, 1962. 327 p. (MIRA 16:2)

1. Akademiya nauk SSSR. Institut mineralogii, geokhimii i kristallokhimii redkikh elementov. 2. Chlen-korrespondent Akademii nauk SSSR (for Vlasov).

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[Geology of rare element deposits in Africa and their economic significance] Geologiia mestorozhdenii redkikh elementov Afriki i ikh ekonomicheskoe znachenie. Moskva, Nauka, 1964. 303 p. (MIRA 17:8)

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Admixture elements as activators of luminescence in carbonate rocks. Trudy Inst. min., geokhim. i kristallokhim. red. elem. no. 3:227-235 '59. (MIRA 14:5)
(Rocks, Carbonate) (Luminescence)

VERSHKOVSKAYA, O.V., kand.geologo-mineral.nauk; KRASNOVA, V.S.; SALTYKOVA, V.S., kand.geologo-mineral.nauk; PERVUKHINA, A.Ye. Prinimal uchastiye LIZUNOV, N.V., kand.geologo-mineral.nauk. VLASOV, K.A., glavnyy red.; SHCHERBINA, V.V., doktor geol.-mineral.nauk, otv.red.; MERGASOV, G.G., red.izd-va; NOVICHKOVA, N.D., tekhn.red.

[Gallium; methods of study, distribution in rocks and minerals, types of deposits. Brief data on the uses and economic aspects of gallium in foreign countries] Gallii; metody issledovanii, rasprostranenie v gornykh porodakh i mineralakh, tipy mestorozhdenii. Kratkie svedeniia po primeneniiu i ekonomike galliia v zarubezhnykh stranakh. Moskva, Izd-vo Akad.nauk SSSR, 1960. 145 p. (MIRA 13:9)

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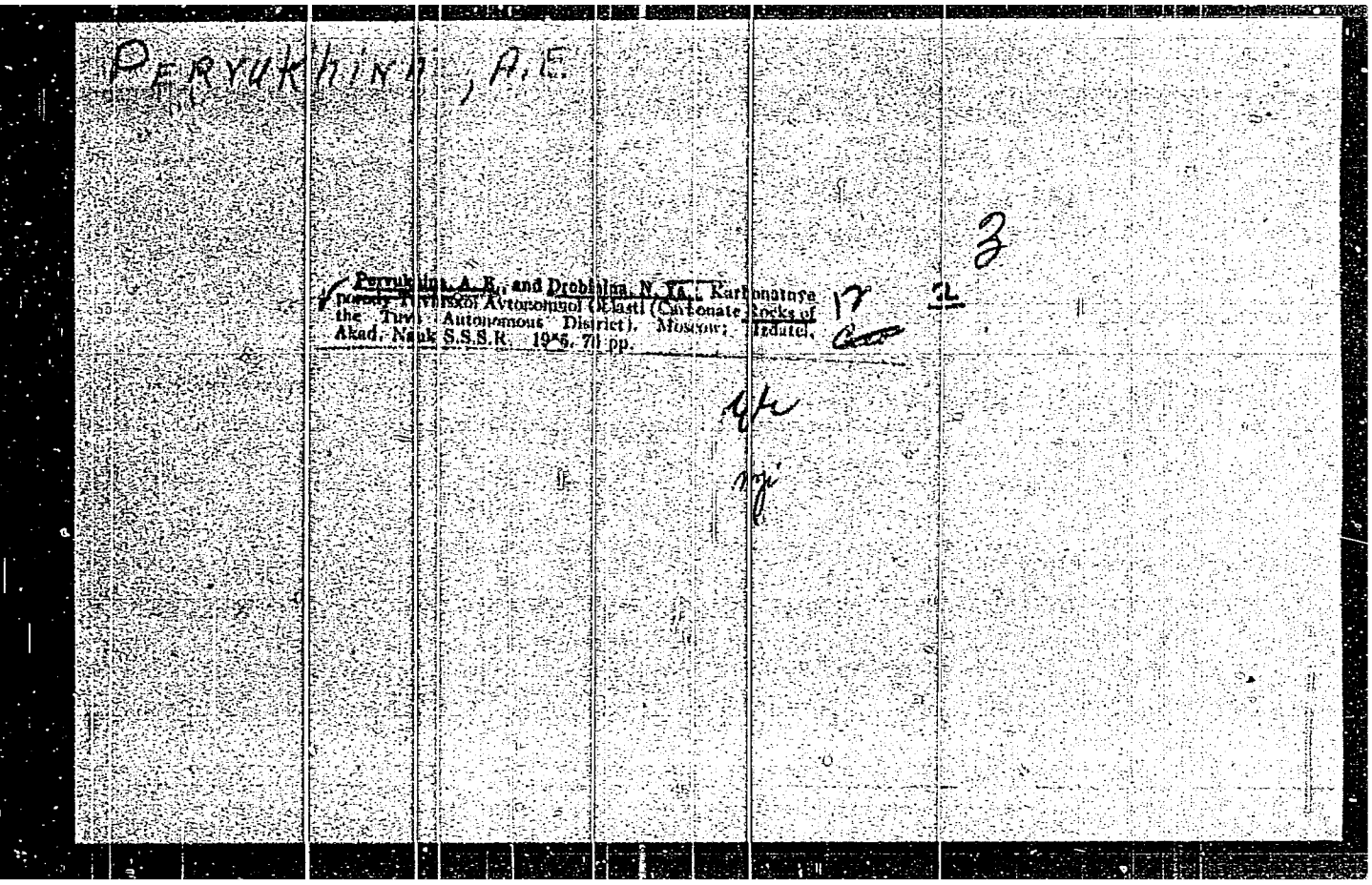
(Gallium)



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Peryukhina, A. E. and Drobilina, N. YA., Karbonatnye porody Tuvinskoi Avtonomnoi Oblasti (Carbonate rocks of the Tuva Autonomous District), Moscow, Izdatel. Akad. Nauk S.S.S.R. 1955. 71 pp.

PERVUKHINA, A.Ye.; DROBININA, N.Ya.; LEONT'YEV, L.N., doktor geologo-mineralogicheskikh nauk, otvetstvennyy redaktor; LADYCHUK, L.P., redaktor; ASTAF'YEVA, G.A., tekhnicheskiy redaktor

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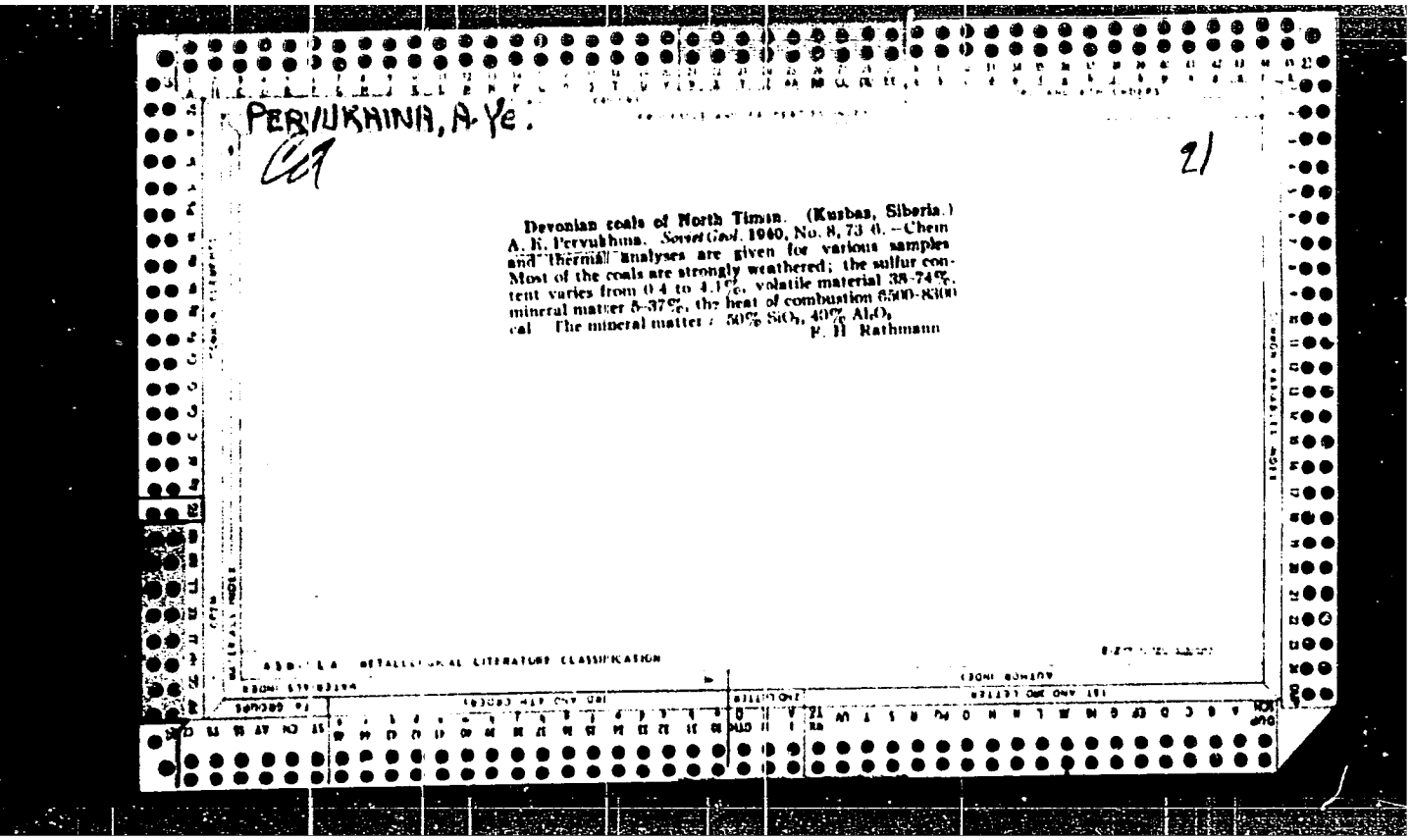
(Tuva Autonomous Province--Carbonates (Mineralogy))



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21

Devonian coals of North Timan. (Kuibas, Siberia.) A. E. Pervukhina. *Sovet Geol.* 1940, No. 8, 73-6. — Chem and thermal analyses are given for various samples Most of the coals are strongly weathered; the sulfur content varies from 0.4 to 4.1%, volatile material 38-74%, mineral matter 8-37%, the heat of combustion 6500-8300 cal. The mineral matter is 50% SiO_2, 40% Al_2O_3.
F. H. Rathmann

PERVUKHINA, E.R.

Reaction of brown rats (Rattus norvegicus Berk) to some taste stimuli aided to poisoned baits. Trudy VIZR no.10:35-44 '58. (MIRA 12:1)

(Rats--Extermination)

MUROMOVA, R.S.; PLETNEVA, I.D.; DEMIDOVA, T.V.; PERVUKHINA, I.V.; TOKAREVA, G.A.

Synthesis and polycondensation of cis- and trans-isomers of β-(3-aminocyclohexyl)propionic acid. Vysokom.soed. 7 no.7:1283-1287 Jl '65. (MIRA 18:8)

1. Gosudarstvennyy nauchno-issledovatel'skiy i proyektnyy institut azotnoy promyshlennosti i produktov organicheskogo sintsza.

PLETNEVA, I.D.; MURAVOVA, R.N.; MERKUKHINA, I.V.

Preparation of trans-β-(4-aminocyclohexyl)-propionic acid from β-(4-ketocyclohexyl)propionic acid oxime. Khim. prom. 10 no. 6:708 '65 (RA 18:11)

1. Gosudarstvennyy nauchno-issledovatel'skiy i proyektnyy institut azotnoy promyshlennosti i produktov organicheskogo sinteza. Submitted March 27, 1964.

PLETNEVA, I. P.; KLIMOVA, R. S.; PERVUKHINA, I. V.

Synthesis of α-amino acids of the cyclohexane series. [illegible]
Cis- and trans-β-(4-aminocyclohexyl)propionic acids. [illegible]
Khim. i nauk. 15:15-1817 Je '64.

1. Gosudarstvennyy nauchno-issledovatel'skiy i proyektnyy institut azotnoy promyshlennosti i produktov organicheskogo sinteza.

L 2068[illegible]-65 EP[illegible](c)/EPR/EPA(s)-2/E[illegible]WP(j)/ES[illegible]T(m)/T Pc-4/Pr-4/Ps-4/Pt-10/Pa-4/Pb-4
RPL/AMD RH/WW/MLK
ACCESSION NR: AT5002132 S/0000/64/000/000/0220/0225

AUTHOR: Muromova, R. S.; Pletneva, I. D.; Afanas'yeva, Z. A.; Demidova, T. V.; Pervukhina, L. V. Shkhiyants, I. V.; Shil'nikova, I. N.

TITLE: Synthesis of amino acids of the hexane series and of polyamides based on such acids

SOURCE: AN SSSR. Institut neftekhimicheskogo sinteza. Sintez i svoystva monomerov (The synthesis and properties of monomers). Moscow, Izdatvo Nauka, 1964, 220-225

TOPIC TAGS: amino acid, polyamide, Nylon, thermal stability

ABSTRACT: New amino acids have been prepared and converted to new polyamides with high thermal stability. Table 1 of the Enclosure lists the amino acid monomers and the melting points of the monomers and polymers (all the monomers except the (4-aminocyclohexyl acetic acids are new). Fig. 1 of the Enclosure shows a typical thermomechanical curve. Polycondensation was carried out in sealed ampuls under

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nitrogen at 200--320C. The polyamides from the trans monomers were insoluble in the solvents common for polyamides, and were soluble only in concentrated H_2SO_4. The polyamides from the CiS monomers were soluble in the common polyamide-solvents. Fusible high-thermal-stability copolymers were prepared from the new amino acids and ε-capro-lactam or ω-aminoenanthic acid. The copolymers melted at temperatures of up to 450C and were soluble both in H_2SO_4 and in cresol. Orig. art. has: 5 formulas, 2 figures and 1 table.

ASSOCIATION: none

SUBMITTED: 30Jul64 ENCL: 02 SUB CODE: OC, GC

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ACCESSION NR: AT5002132

ENCLOSURE 01

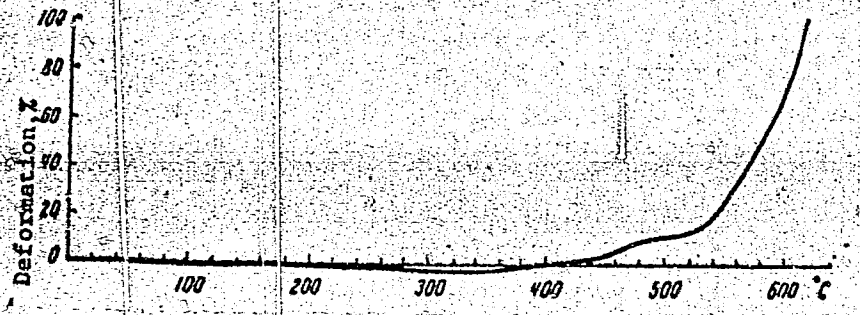

Fig. 1. Thermomechanical curve for the polyamide from trans-4-aminocyclohexylacetic acid

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ENCLOSURE 02

Table 1. Properties of polyamides from α,ω-amino acids with cyclohexane

Amino acid	M.P., C		sp
	monomer	polyamide	
trans-H_2N-⬡-CH_2COOH	330	516	0,43
cis-H_2N-⬡-CH_2COOH	290	385	0,50
trans-H_2N-⬡-CH_2-CH_2-COOH	292	490	0,67
cis-H_2N-⬡-CH_2-CH_2-COOH	283	260	0,78
trans-H_2NH_2C-⬡-CH_2COOH	257-259	423-428	0,15
cis-H_2NH_2C-⬡-CH_2COOH	120	—	—

Card 4/4

L 8128-66 EWT(m)/EWP(j)/T RM

ACC NR: AP5025020 SOURCE CODE: UR/0286/65/000/016/0080/0080

AUTHORS: Muromova, R. S.; Pletneva, I. D.; Demidova, T. V.; Yegorov, Yu. A.; Pervukhina, I. V.; Shkhiyants, I. V.

ORG: none

TITLE: Method for obtaining polyamides. Class 39, No. 173929 [announced by State Scientific Research and Development Institute of the Nitrogen Industry and Products of Organic Synthesis (Gosudarstvennyy nauchno-issledovatel'skiy proyektnyy institut azotnoy promyshlennosti produktov organicheskogo sinteza)]

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 16, 1965, 80

TOPIC TAGS: polymer, polymerization, polyamide, aminocyclohexyl alkane acid, isomer

ABSTRACT: This Author Certificate presents a method for obtaining polyamides on the basis of amino-cyclohexylalkane acids. To increase the mechanical strength and stability of the polyamides and fibers derived from them, the cis-isomers of β-(3-aminocyclohexyl) propionic and γ-(3-aminocyclohexyl) butyric acids and their mixtures with other polyamide-forming compounds are used as starting materials.

SUB CODE: OC/ SUBM DATE: 22Apr63

UDC: 678.675

Card 1/1 nw

PLETNEVA, I.D.; MUROMOVA, R.S.; PERVUKHINA, I.V.; SHKURYANTS, I.V.

Synthesis of α-amino acid of the cyclohexane series. Part 2. β-(3-aminocyclohexyl)propionic and β-(3-aminocyclohexyl) butyric acids. Zhur. org. khim. 1 no.11:1981-1983 N '65. (MIRA 18:12)

1. Gosudarstvennyy nauchno-issledovatel'skiy i proyektnyy institut azotnoy promyshlennosti i produktov organicheskogo sinteza. Submitted May 4, 1964.

The composition of the crude naphthenic acids of the Baku-naphtha. B. Tyutyunikov and J. Pervukhina. *Masloboino-Zhirovoe Delo* 1933, No. 3, 8 11.—The existence of satd. fatty acids (palmitic, stearic, myristic and others) in the crude naphthenic acids of the kerosene of Ishikari was recently proved by Tanaka (*Chem. Umschau* 7, 118(1929); cf. *C. A.* 23, 4051). T. and P. were unable to detect the presence of fatty acids in the crude naphthenic acids of different distillates of the Baku-naphtha.
E. Bukuss

METALLURGICAL LITERATURE CLASSIFICATION

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012402

CHALOV, P.I.; MUSIN, Ya.A.; PERVUKHINA, K.I.

Determining the comparative migration properties of the UX_1 (Th^{234}) in supergene uranium deposits. Zap. Kir. otd. Vses. min. ob-va no.1:113-124 '59. (MIRA 14:3)
(Thorium--Isotopes) (Uranium)

ALEKSANDROV, V.G.; PERVUKHINA, N.V.

Physiological interpretation of the structural development of the ovary and fruit of Ammiaceae (exemplified by Heracleum and Scandix). Trudy Bot.inst. Ser.7 no.3:5-47 '52. (MLRA 8:4)
(Ammiaceae) (Botany--Morphology)

PERVUKHINA, N. V.

Yanishevskiy, D. Ye. and Pervukhina, N. V. "Some data on morphological characteristics of umbellate, arid, indigenous plants," Trudy Botan. in-ta im. Korarova, Eksperim. botanika, Issue 6, 1948, p. 242-74 - Bibliog: 30 items

SO: U-3264, 10 April 53, (Letipis 'Zhurnal 'nykh Statey, No 4, 1949).

S.C.L.

I. Planting

Investigations into the process of callus formation. N. V. PERVOMINA (Sovetsk. Botan., 1945, 13, No. 2, 51-60; Hort. Abs., 1946, 16, 34).—The formation of callus tissue in the roots of koh-saghiz and the stems of a wild rose was examined microscopically. It is shown that in koh-saghiz the tissue arises from the cambium and in the *Rosa* sp. from both cambium and pericycle; and that it is anatomically differentiated. 1928.31

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PERVUKHINA, N. V. and ALEKSANDROV, V. G.

"Styles, Stylopodia and the Nature of the Fruit of the Carrot Family," Dokl. AN SSSR, 70, No.1, 1950

Botanical Inst. im. V. L. Komarov, AS USSR

PERVUKHINA, N.V.

The strobile theory of the origin of the flower and its critical evaluation. Trudy Bot.inst.Ser.7 no.4:5-50 '57. (MLRA 10:3)
(Angiosperms) (Inflorescence)

PERVUKHINA, N.V.

Role of the telome theory in the development of the interpretation of flower in angiosperms. Trudy Bot.inst.Ser.7 no.4:51-82 '57.
(MIRA 10:3)
(Angiosperms) (Inflorescence)

PERVUKHINA, N.V.

"Plant anatomy" by K.Esau. Reviewed by N.V. Pervukhina. Bot.zhur. 42 no.2:303-310 F '57. (MLRA 10:3)

1. Botanicheskiy institut im. V.L. Komarova Akademii nauk SSSR, Leningrad. (Botany--Anatomy) (Esau, K.)

PERVUKHINA, N.V.

Meeting of the section of plant morphology of the All-Union Botanical Society dedicated to the memory of V.G.Aleksandrov. Bot. zhur. 50 no.6: 899-900 Je '65. (MIRA 18:7)

1. Sekretar' sektsii morfologii i anatomii rasteniy Vsesoyuznogo botanicheskogo obshchestva, Leningrad.

PERVUKHINA, N.V.; IOFFE, M.D.

Morphology of a Trochodendron flower; materials on the phylogeny of angiosperms. Bot. zhur. 47 no.12:1709-1730 D '62. (MIRA 16:6)

1. Botanicheskiy institut imeni V.L.Komarova AN SSSR, Leningrad.
(Trochodendron) (Inflorescence)

P[illegible]VUKHIN, M.V.

[illegible] the phylogenetic [illegible]
Bot. zhur. [illegible]

1. Botanicheskiy institut imeni V.L.Komarova [illegible], Leningrad,
(Troc oxandron) (Phylogeny-Botany)

PERVUKHINA, N.V.

One interesting characteristic of the ovary of Trochodendron aralioides Sieb. et Zucc. Bot. zhur. 47 no.7:993-995 Jl '62. (MIRA 17:9)

1. Botanicheskiy institut imeni V.L. Komarova AN SSSR, Leningrad.
(Trochodendron) (Ovaries (Botany))

PERVUKHINA, N.V.

Nature of the inferior ovary of Umbelliferae and some problems concerning "the theory of flower". Trudy Bot.inst.Ser. 7 no.5:31-45 '62. (MIRA 15:2)
(Umbelliferae) (Ovaries (Botany)) (Plants, Flowering on)

PERVUKHINA, N.V.

Some methodological problems in plant morphology; a critical analysis of Agnes Arber's work "The natural philosophy of plant form."
Bot.zhur. 45 no.2:288-303 F '60. (MIRA 13:6)

1. Botanicheskiy institut imeni V.L.Komarova Akademii nauk SSSR, Leningrad.
(Botany--Morphology) (Science--Philosophy)

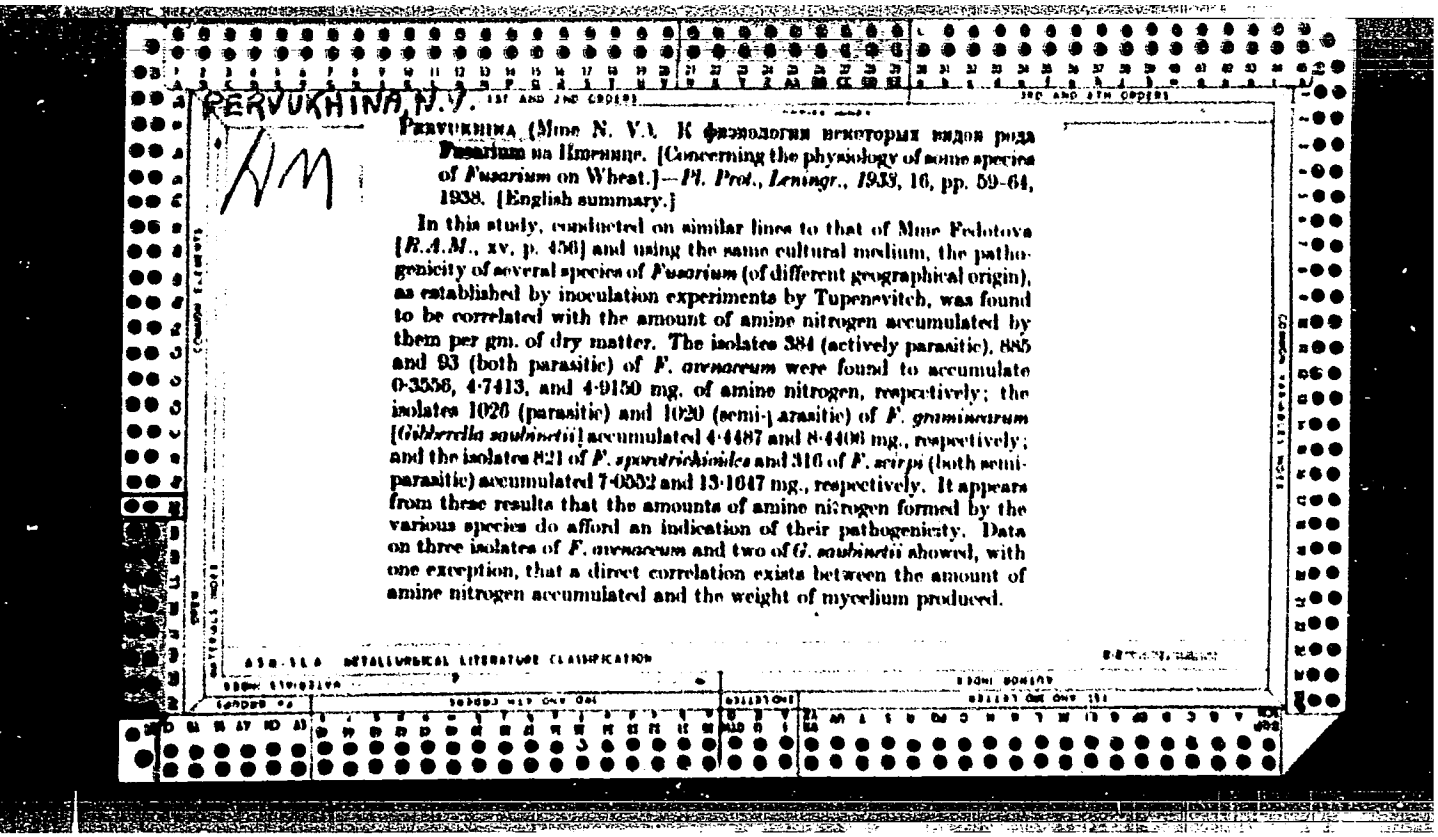
PERVUKHINA, N. V.

"Styles, Stylopodia, and the Nature of the Fruit of the Carrot Family", Dok. AN, 70, No. 1, 1950. Botanical Inst. im. V. L. Komarov, Acad. Sci., c1950-.

PERVUKHINA, N. V.

Pervukhina, N. V. "Concerning the Physiology of Some Species of Fusarium on Wheat," Zashchita Rastenii, no. 16, 1938, pp. 59-64. (21 1942)

So: SIRA - Si-10-53, 15 Dec 1953



PERVUKHINA, N.V.

HM

PERVUKHINA (Mme N. V.). К физиологии некоторых видов рода **Fusarium** на Пшенице. [Concerning the physiology of some species of *Fusarium* on Wheat.]—*Pl. Prot., Leningr.*, *1939*, 16, pp. 59-64, 1939. [English summary.]

In this study, conducted on similar lines to that of Mme Feliotova [*R.A.M.*, xv, p. 456] and using the same cultural medium, the pathogenicity of several species of *Fusarium* (of different geographical origin), as established by inoculation experiments by Tupenevitch, was found to be correlated with the amount of amine nitrogen accumulated by them per gm. of dry matter. The isolates 384 (actively parasitic), 885 and 93 (both parasitic) of *F. avenaceum* were found to accumulate 0·3556, 4·7413, and 4·9150 mg. of amine nitrogen, respectively; the isolates 1026 (parasitic) and 1020 (semi-parasitic) of *F. graminearum* [*Gibberella saubinetii*] accumulated 4·4487 and 8·4408 mg., respectively; and the isolates 821 of *F. sporotrichioides* and 316 of *F. scirpi* (both semi-parasitic) accumulated 7·0352 and 13·1647 mg., respectively. It appears from these results that the amounts of amine nitrogen formed by the various species do afford an indication of their pathogenicity. Data on three isolates of *F. avenaceum* and two of *G. saubinetii* showed, with one exception, that a direct correlation exists between the amount of amine nitrogen accumulated and the weight of mycelium produced.

PERVUKHINA, N.V.

Biological importance of the ovary in angiosperms and factors conditioning its development. Bot.zhur.40 no.5:719-722 S-O '55. (MLRA 9:4)

1.Botanicheskiy institut imeni V.L.Komarova Akademii nauk SSSR, Leningrad.

(Ovaries(Botany))

PERVUKHINA, N.V.

The telome theory and its role in the development of views on flowers of angiosperms. Bot.zhur.40 no.6:797-814 N-D '55. (Botany--Morphology) (MLRA 9:4)

PERVUKHINA, N.V.

Ovary of umbillifers and new facts explaining its nature (with 18 drawings). Bot.zhur. 38 no.2:185-205 Mr-Ap '53. (MLRA 6:6)

1. Botanicheskiy institut im. V.L. Komarova Akademii Nauk SSSR Leningrad.
(Flowers--Anatomy) (Umbelliferae)

ARSTYNBAYEV, Laik; PERVUKHINA, S., vet. vrach; YAMPOL'SKAYA, I.G., red.; KOLBICHEV, V.I., tekhn. red.

[How I got high wool yields] Kak ia dobivaius' vysokikh nastrigov shersti. Cheliabinsk, Cheliabinskoe knizhnoe izd-vo, 1960. 12 p. (MIRA 14:12)

1. Starshiy chaban sovkhoza "Put' Oktyabr'ya" Kizil'skogo rayona (for Arstynbayev).

(Kizil'skoye District--Wool)

ZAIKSKIY, B.V.; ROZANOV, Yu.A.; PERVUKHINA, Ye.Ye.; TOLSTIKHINA, K.I.

Deposits of natural mineral pigments in the Moscow and Riazan districts. Trudy Inst. Geol. Nauk No.89, Petrograf. Ser. No.28, 127-49 '48. (CA 47 no.22:12143 '53)

GONCHAROV, V.G., starshiy nauchnyy sotrudnik; PERVUKHINA, T.S.

Improving the cleaning action of high-capacity cotton carding machines. Tekst. prom. 25 no.12:35-36 D '65.

(MIRA 19:1

1. TSentral'nyy nauchno-issledovatel'skiy institut khlopchatobumazhnoy promyshlennosti (for Goncharov). 2. Ispolnyayushchiy obyazannosti rukovoditelya laboratorii tsel'nometallicheskoy pil'chatoy lenty TSentral'nogo nauchno-issledovatel'skogo instituta vspomogatel'nykh izdeliy i zapasnykh detaley k tekstil'nomu oborudovaniyu (for Pervukhina).

SEVAST'YANOV, I.I.; PERVUKHINA, Z.S., starshiy nauchnyy sotrudnik

Basic trends in the development of all-metal fillet cards in the foreign technology of cotton spinning. Tekst. prom. 24 no.5:81 My '64. (MIRA 18:2)

1. Rukovoditel' laboratorii tsel'nometallicheskoy pil'chatoy lenty TSentral'nogo nauchno-issledovatel'skogo instituta vspomogatel'nykh izdeliy i zapasnykh detaley k tekstil'nomu oborudovaniyu (for Sevast'yanov). 2. TSentral'nyy nauchno-issledovatel'skiy institut vspomogatel'nykh izdeliy i zapaznykh detaley k tekstil'nomu oborudovaniyu (for Pervukhina).

AUTHOR: Pervun, M.V., Chief Engineer 111-58-6-4/25

TITLE: The Automation of the Telegram Processing at the Stalinabad Telegraph Exchange (Avtomatizatsiya obrabotki telegramm na Stalinabadskom telegrafe)

PERIODICAL: Vestnik Svyazi, Nr 6, 1958, pp 5-6 (USSR)

ABSTRACT: The "rationalizers'" team, headed by the author of this article, suggested that the Baudot type apparatuses, which were converted to the "ST-35" code at the beginning of 1957 by utilizing 5-magnet receiving perforators and motor-transmitters of the "T-19" type apparatuses, be automated. This team worked out circuit-diagrams (Figures 1 and 2) for connecting automatic accessory units with the Baudot type duplex apparatuses. This suggestion was carried out in March 1957. After one-year in service, the reliable operation of this equipment under normal conditions was proved. The design and operation of this system are described in detail. This article contains 2 figures.

ASSOCIATION: Stalinabadskaya telegrafno-telefonnaya kontora (The Stalinabad Telegraph and Telephone Exchange)

Card 1/1 1. Communication systems-USSR 2. Telegraph systems-Test methods 3. Telegraph systems-Test results

PERVUN, M.V.

Automatization of telegram processing in the Stalinabad Telegraph Office. Vest. sviazi 18 no.6:5-6 Je '58. (MIRA 11:6)

1.Glavnyy inzhener Stalinabadskoy telegrafno-telefonnoy kontory.
(Stalinabad--Telegraph--Automatic systems)

PERVUNIN, A., starshiy ekonimist; MALASHEVICH, V. (Odessa)

Readers' suggest. Fin.SSSR 23 no.6:69-71 Je '62. (MIRA 15:7)

1. Otdel finansirovaniya sel'skogo khozyaystva Vologodskogo oblastnogo finansovogo otdela (for Pervunin).
(Agriculture--Finance) (Taxation)

MALAKHOV, S.G.; SEREDA, G.A.; BAZHENOV, V.F.; [illegible]; [illegible]; SVISHCHEVA, V.I.; CHURKIN, V.N.

Radioactive fallout on the territory of the [illegible]. At. energ. 19 no.1:28-35 Jl '65. (MIRA 18:7)

L 6477-66 EWT(m)/EWA(h) DM

ACCESSION NR: AP5019805 UR/0089/65/019/001/0028/0035
551.577.7

AUTHOR: Malakhov, S. G.; Sereda, G. A.; Brendakov, V. F.; Polyakova, T. V.; Peryunina, R. I.; Svishcheva, V. I.; Churkin, V. N.

TITLE: Radioactive fallout on the territory of SSSR in 1963

SOURCE: Atomnaya energiya, v. 19, no. 1, 1965, 28-35

TOPIC TAGS: radioactive fallout, radio strontium, cerium, praseodymium, radioactive decay, radioactive contamination, soil behavior

ABSTRACT: The article contains summary data on the radioactive fission-product fallout and its content in the soil of SSSR during 1963. The fallout was gathered on standard gauze sheets of 0.3 m^2 area for 24 hours, distributed in 10--20 points in each administrative region, oblast, or republic. The ashes resulting from combustion of these sheets were analyzed radiochemically and by γ spectroscopy. The Ce^{144}, Ce^{141}, and Zr^{95} was determined by γ spectrometry with an NaI(Tl) crystal and a pulse-height analyzer. The Sr^{90} was separated radiochemically. Tables are presented, showing the intensity of the radioactive fallout by quarters as a function of the geographic latitude, and averaged over the SSSR territory, and the density of Sr^{90} fallout in SSSR soil compared with other regions of the northern

Card 1/2

L 6477-66
ACCESSION NR: AP5019805

hemisphere in 1959, 1962, and 1963. Latitude distribution of the content of various isotopes in the SSSR soil and the ratio of $Ce^{144} + Pr^{144}$ and Sr^{90} to the total content of fallout in soil are also tabulated. Plots showing the decrease in radioactivity taking place in 1962--1964 are included. The contributions of the various nuclear test explosions to the fallout are estimated. It is concluded that unless new tests are made the average Sr^{90} content in the SSSR soil will be 60--70 microcurie/km^2. Orig. art. has: 4 figures and 5 tables.

ASSOCIATION: none

SUBMITTED: 20Aug64 ENCL: 00 SUB CODE: NP

NR REF SOV: 007 OTHER: 018

nw
Card 2/2

PERVUNINA, T.P.

Comparative characteristics of the results of harmonic analysis of tidal currents according to observations of different duration. Trudy GOIN no.82:64-73 '64 (MIRA 18:2)

124-57-1-570

Translation from Referativnyy zhurnal, Mekhanika, 1957, Nr 1, p 72 (USSR)

AUTHORS: Pervunina, T.P., Zhukova, K.V., Lundberg, O.R.

TITLE Practical Hints on the Harmonic Analysis of Daily Tidal-flow Observations (Iz opyta garmonicheskogo analiza sutochnykh nablyudeniy nad techeniyami)

PERIODICAL Tr. Gos. okeanogr. in-ta, 1955, Nr 30, pp 226-241

ABSTRACT The authors propose a number of qualitative concepts regarding the processing of observational data on tidal currents. In addition thereto, the paper adduces appraisals of the astronomical circumstances at observation time, also examples and the harmonic analysis of the diurnal and semidiurnal tidal currents and methods for the selection of the harmonic constants.

A.S. Sarkisyan

1. Oceanography 2. Astronomy 3. Tides--Tables 4 Tides--Analysis

Card 1/1

S/169/62/000/003/084/098
D228/D301

AUTHOR: Pervunina, T. P.

TITLE: Calculating deep tidal currents

PERIODICAL: Referativnyy zhurnal, Geofizika, no. 3, 1962, 10, abstract 3V68 (Tr. Gos. okeanogr. in-ta, no. 63, 1961, 25-28)

TEXT: The vertical velocity distribution of a tidal current is represented with sufficient accuracy by the potential function $V = V_0(Z/h)^{\alpha}$, where V_0 is the tidal current's velocity at the surface, h is the vertical depth, Z is the distance from the bottom to the requisite horizon and $\alpha = 1/7$ or $1/5$. The computed and the observed data are compared. In 97% of the cases the errors did not exceed 15 cm/sec. The accuracy of the determination of Z has an influence on the reading precision. Apart from the moment of the change of the current's phases, when the formula loses its meaning, the distortion is small in areas where the phase difference is measured in

Card 1/2

Calculating deep tidal currents S/169/62/000/003/084/0
D228/D301

tenths of an hour. [Abstracter's note: Complete translation.]

Card 2/2

PERVUNINA, T. P.

USSR/Physics of the Hydrosphere - Dynamics of Sea and Land Water, N-2

Abst Journal: Referat Zhur - Fizika, No 12, 1956, 36262

Author: Pervunina, T. P., Zhukova, K. V., Lundberg, O. R.

Institution: None

Title: Experience in Harmonic Analysis of Daily Observation of Flows

Original Periodical: Tr. Gos. okeanogr. in-ta, 1955, No 30, 226-241

Abstract: Practical indications are given on the choice of astronomical conditions and on the calculation of the harmonic constants of tidal flows from data of several daily series of observations. The article contains many actual examples of the analysis.

Card 1/1

PERVUNINA, T.P.

Calculation of deep tidal currents. Trudy GOIN no.63:25-28 '61. (MIRA 14:8)

(Tides)

PERVUNINA, T.P.

Structure of a tidal stream in shallow straits. Trudy GOIN no. 57:44-66 '60. (MIRA 14:1)

(Tides)

PERVUNINA, T.P.; ZHUKOVA, K.V.; LUNDBERG, O.R.

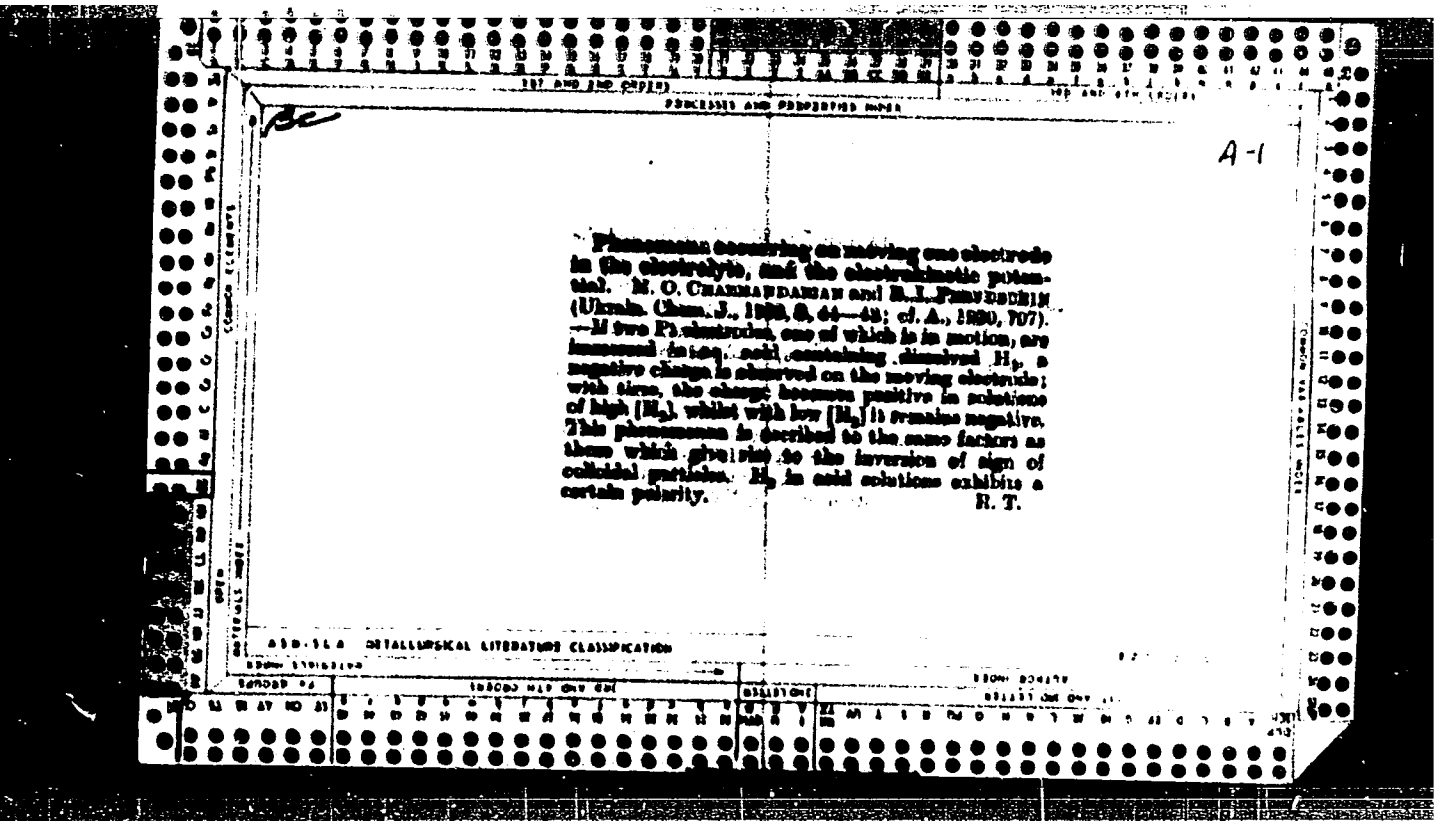
Results of harmonic analysis of daily observations on currents.
Trudy GOIN no.30:226-241 '55. (MLRA 9:8)
(Harmonic analysis) (Tides)

KOZHEVNIKOV, A.V.; PERVUNINSKAYA, N.A.

Bacteria in oil shales. Khim. i tekh. gor. slan. i prod. ikh perer. no.9:295 '60. (MIRA 15:6)
(Oil shales--Microbiology)

PERVUNINSKIY, V.

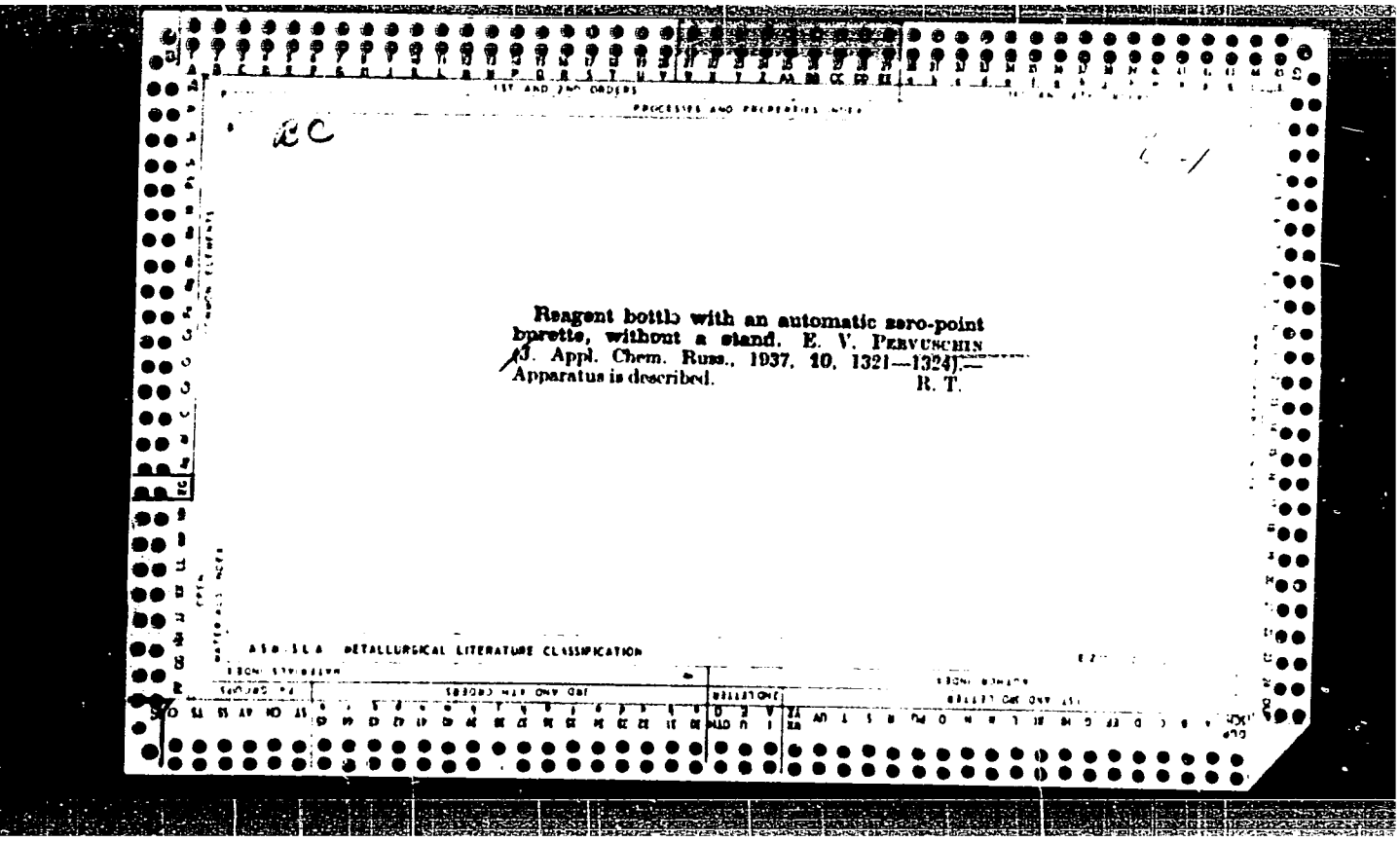
Bring order to the workday schedule. Den. i kred. 17 no.7:78-79 Jl '59. (MIRA 12:11)
(Archangel Province--Banks and banking)



A-1

Phenomena occurring on moving one electrode in the electrolyte, and the electrokinetic potential. M. O. CHARNAVDANIAN and B. L. PERVERZIN (Ukrain. Chem. J., 1938, 8, 44—48; cf. A., 1930, 707). —If two Pt electrodes, one of which is in motion, are immersed in aq. acid containing dissolved H_2, a negative charge is observed on the moving electrode; with time, the charge becomes positive in solutions of high $[H_2]$, whilst with low $[H_2]$ it remains negative. This phenomenon is ascribed to the same factors as those which give rise to the inversion of sign of colloidal particles. H_2 in acid solutions exhibits a certain polarity.

R. T.



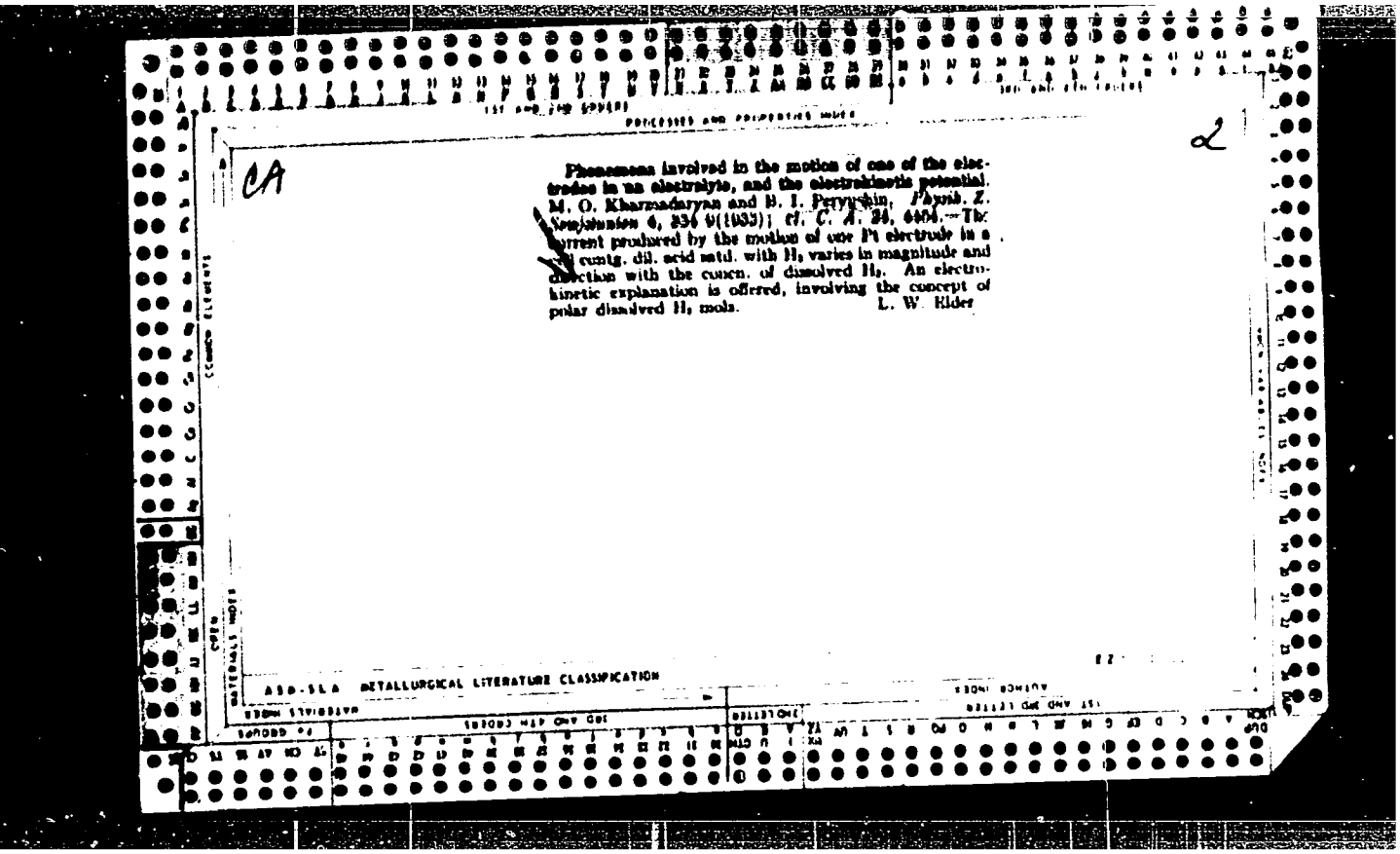
Reagent bottle with an automatic zero-point burette, without a stand. E. V. PERVUSCHIN (J. Appl. Chem. Russ., 1937, 10, 1321—1324).—Apparatus is described. R. T.

BALYKLOV, V.A. (g.Chernikovsk); DUMANSKIY, G.V. (g.Chernikovsk); PERVUSHIN, A.D. (g.Chernikovsk).

Our experience with the introduction of efficiency suggestions. Stroi. pred.neft.prom. 1 no.6:27-28 Ag '56. (MIRA 9:9)
(Building)

PERVUSHIN, Aleksandr Gerasimovich; TVERDOV, A.A., red.; ASTAKHOVA, I.V., tekhn.red.

[Legal regulation of the marketing of collective farm produce] Pravovoe regulirovanie kolkhozno-rynochnoi torgovli. Moskva, Gos. izd-vo iurid.lit-ry, 1959. 74 p. (MIRA 13:1)
(Produce trade)

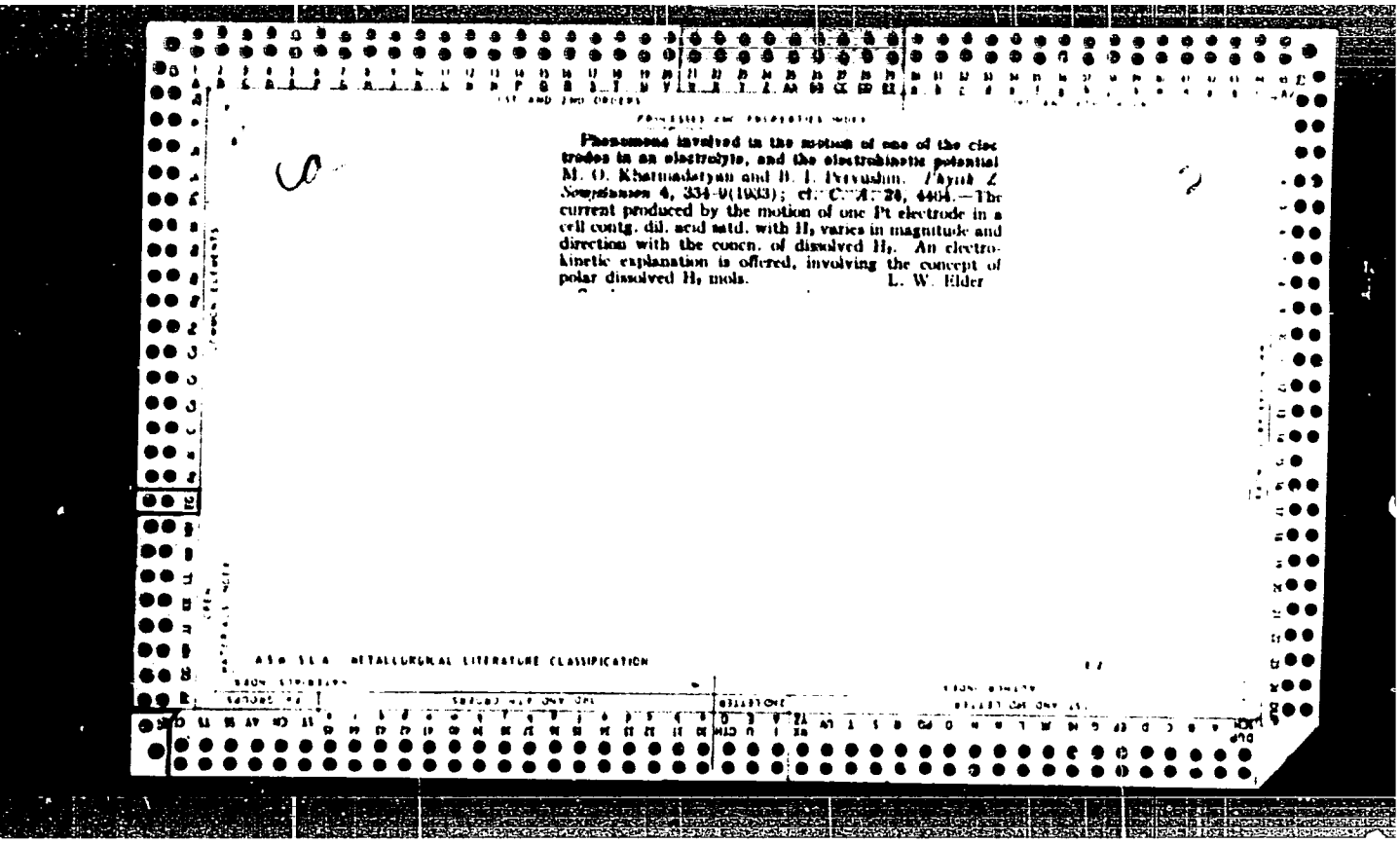


CA

2

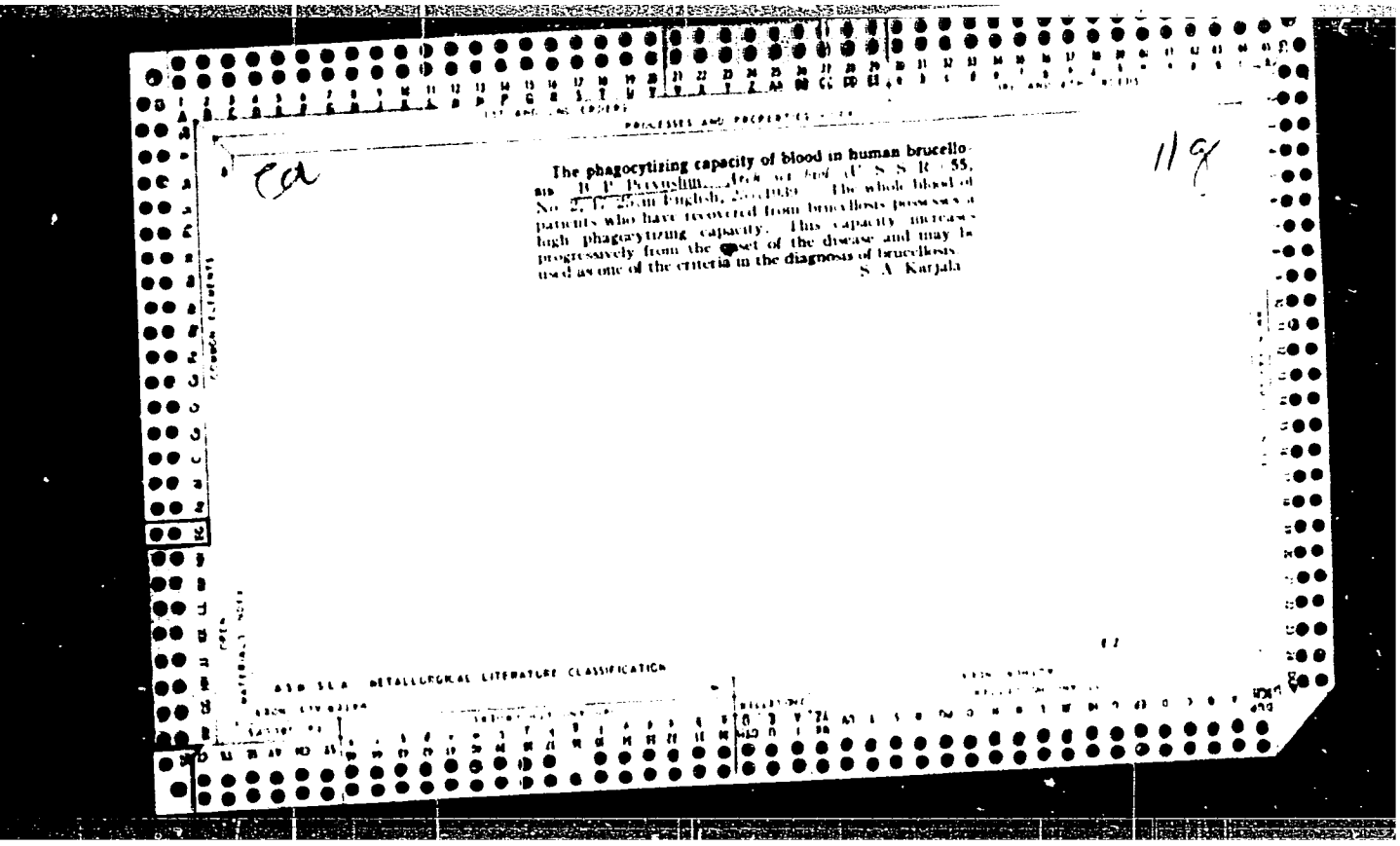
Phenomena involved in the motion of one of the electrodes in an electrolyte, and the electrokinetic potential. M. O. Kharmadaryan and B. I. Persyn-kin, *Physik. Z. Sowjetunion* 6, 236 9(1933); *cf. C. A.* 28, 6404.—The current produced by the motion of one Pt electrode in a N cumtg. dil. acid satd. with H_2 varies in magnitude and direction with the concn. of dissolved H_2. An electrokinetic explanation is offered, involving the concept of polar dissolved H_2 mols. L. W. Elder

A50-5LA METALLURGICAL LITERATURE CLASSIFICATION



Phenomena involved in the motion of one of the elec trodes in an electrolyte, and the electrokinetic potential M. O. Khatmadaryan and B. I. Pervushin. *Zhurn. Z Soveshanno* 4, 334-9(1933); cf. C. A. 28, 4404.—The current produced by the motion of one Pt electrode in a cell contg. dil. acid satd. with H_2 varies in magnitude and direction with the concn. of dissolved H_2. An electro-kinetic explanation is offered, involving the concept of polar dissolved H_2 mols. L. W. Elder

A60 51A METALLURGICAL LITERATURE CLASSIFICATION



The phagocytizing capacity of blood in human brucellosis. [illegible] (Zh. mikrobiol. (U.S.S.R.) 55, No. 2, [illegible] 1978) The whole blood of patients who have recovered from brucellosis possesses a high phagocytizing capacity. This capacity increases progressively from the onset of the disease and may be used as one of the criteria in the diagnosis of brucellosis. S. A. Karjala

MIROSHNIKOVA-REKKANDT, M.A.; PERVUSHIN, B.P., professor, nauchnyy rukovoditel'; KOVAL'SKIY, G.N., dotsent, direktor.

Increasing the virulence of the smallpox vaccine virus by the selection method (Author's abstract). Zhur.mikrobiol.epid.i immun. no.7:77-78 Jl '53. (MLRA 6:9)

1. Krasnodarskiy institut epidemiologii i mikrobiologii imeni I.G.Savchenko. (Viruses) (Smallpox)

PERVUSHIN, B. P. Oct 53

USSR/Medicine - Typhoid

"Microbiological Investigation of Typhoid Cultures," B. P. Pervushin, A. D. Shcherbakova, N. N. Ushmoreva, Z. S. Sserina; Kuban' Med Inst; Krasnodar Inst of Epidemiol and Microbiol

Zhur Mikro Epid i Immun., No 10, p 87

Strains of typhoid bacilli isolated in 1947-9 had a high content of Vi-antigen. This antigen was preserved for a long time in standard cultures kept in storage. It proved possible to maintain a high Vi-antigen content by selection and to bring back to the V-state cultures which had acquired characteristics of W-strains. The predominant phage types were D, F, and their sub-types. The phage type may change not only on nutrient media, but also in the organism. For that reason one must be careful in phage typing for epidemiological purposes.

266T31

PERVUSHIN, B. P.

USSR/Medicine - Typhoid FD-540

Card 1/1 Pub. 148 - 3/23

Author : Pervushin, B.P.

Title : The activity of typhoid bacteria in a bile medium

Periodical : Zhur. mikrobiol. epid. i immun., 6, 9-11, Jun 54

Abstract : Having noted a decrease in the activity of typhoid bacteriophage which had been introduced into the organism of a person suffering from typhoid and which had lodged in the bile channel and gall bladder, the activity of 52 museum strains of typhoid bacteria and corresponding bacteriophage were investigated after they had been maintained in bile media for various lengths of time. There was no detectable decrease in the activity of the typhoid bacteriophage. Prolonged habitation in bile did not disturb the relationship between the typhoid bacilli and the bacteriophage. The decreased activity observed in vivo was not apparent in vitro. No references are cited.

Institution : Chair of Microbiology of the Kuban Medical Institute

Submitted : 9 January 1953

PERVUSHIN, V.P. (Molotov)

Chronic lumbosacral meningoradiculitis (cauditis). Zhur. nevr. i psikh. 54 no.8:638-641 Ag '54. (MLRA 7:9)

(MENINGITIS,
meningoradiculitis, lumbosacral)
(NERVES, SPINAL, diseases,
meningoradiculitis, lumbosacral)

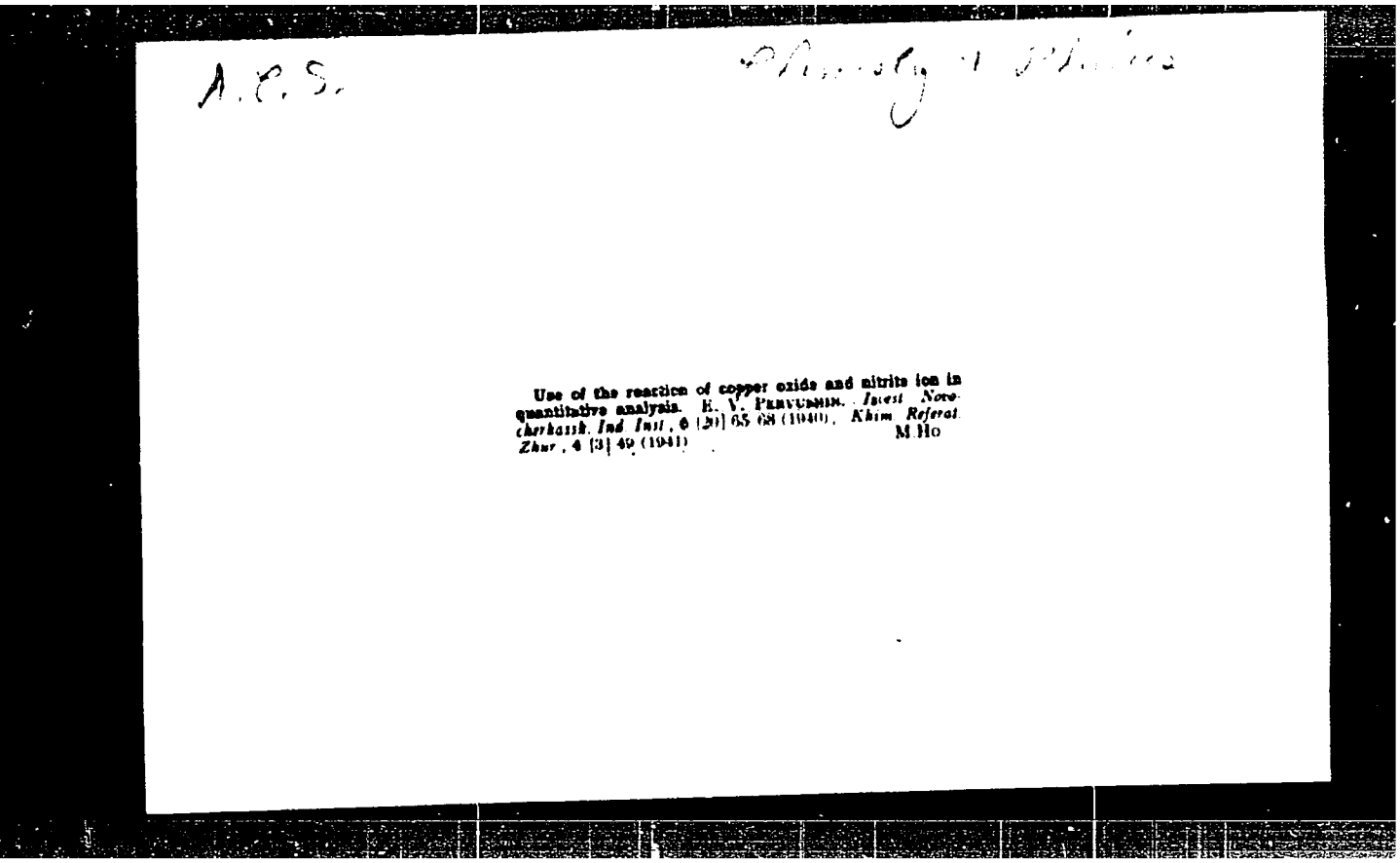
PERVUSHIN, B.P.

Diagnostic value of Huddleson's reaction in brucellosis in man.
Zhur.mikrobiol.epid. i immun. no.9:82-88 S '55 (MLRA 8:11)

1. Iz kafedry mikrobiologii (zav.prof. B.P.Pervushin) Kubanskogo meditsinskogo instituta (dir.prof. F.Kh.Chekhlatyy)
(BRUCELLOSIS, diagnosis,
Huddleson's agglut.reaction)

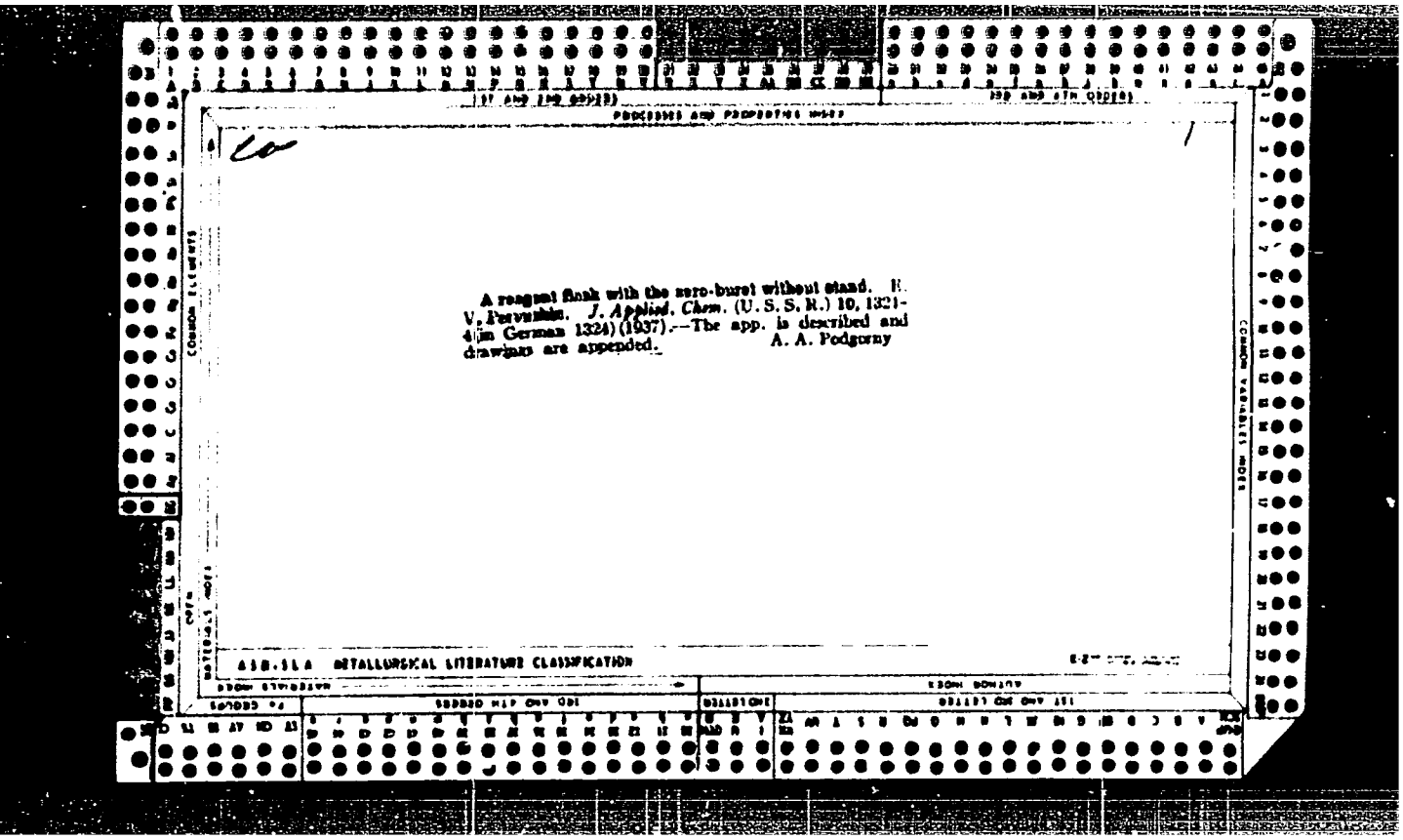
PERVUSHIN, Boris Pavlovich; PARNES, [illegible]a.A., red.; LYUDKOVSKAYA, N.I., tekhn. red.

[Problems of microbiological and immunological diagnosis of brucellosis in man] Voprosy mikrobiologicheskoi immunologicheskoi diagnostiki brutselleza u cheloveka. Moskva, Medgiz, 1962. 245 p. (MIRA 16:8)
(BRUCELLOSIS--MICROBIOLOGY) (SERUM DIAGNOSIS) (ALLERGY)



A.E.S.

Use of the reaction of copper oxide and nitrite ion in quantitative analysis. E. V. Pervushin. *Issled. Novocherkassk. Ind. Inst.*, 6 [2] 65-68 (1940). *Khim. Referat. Zhur.*, 4 [3] 49 (1941). M.Ho



A reagent flask with the zero-buret without stand. P. V. Pervushin. *J. Applied. Chem.* (U. S. S. R.) 10, 1321-4(in German 1324)(1937).—The app. is described and drawings are appended. A. A. Podgorny

PERVUSHIN, I.I.; FILIPPOV, L.P.

Method for ultrasonic velocity measurement in solids and liquids. Akust. zhur. 7 no.3:385-387 '61. (MIRA 14:9)

1. Kafedra molekulyarnoy fiziki Moskovskogo gosudarstvennogo universiteta.

(Ultrasonic waves--Speed)

L 19559-65 EWT(1)/EWP(k)/T/ Pf-4/Pi-4

ACCESSION NR: AP5002067 S/0046/61/007/003/0385/0387

AUTHOR: Pervushin, I. I.; Filippov, L. P.

TITLE: Method of measuring the speed of ultrasound in solids and in liquids

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ABSTRACT: The proposed method is essentially a modification of the interferometer method as proposed by G. N. Feofanov (Trudy* seminara po fizike i primeneniyu ul'trazvuka, posvyashchennogo pamyati prof. M. Ya. Sokolova [Trans. of Seminar on Physics and Application of Ultrasound], L., 1958, p. 173), from which it differs in the same way that an interferometer with a fixed base differs from the ordinary interferometer. It incorporates also some features of the pulsed method, in that equipment used to measure pulsed absorption is used. A block diagram of the acoustic part of the set-up is shown in Fig. 1 of the enclosure. A signal consisting of a pulse (E) superimposed on a background (B) is applied

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to a piezoelectric crystal, and the amplitudes of the multiple reflections of the acoustic pulse are measured by interference with the background, which is two orders of magnitude lower than the pulse amplitude. The speed of sound is determined from the phase difference between the background and the maxima of the interference, which in turn reduces to a difference between frequencies corresponding to succeeding maxima. A thorough experimental study of the method was reported by one of the authors elsewhere (Pervushin, Diploma Thesis, MGU). By way of an example, the measured speed of sound in fused quartz and in toluene was 3724 and 1327 m/sec, respectively and was in good agreement with the published values. The simplicity and relative accuracy of the method make it useful for research and applied measurements. Orig. art. has: 3 figures, 2 formulas, and 1 table.

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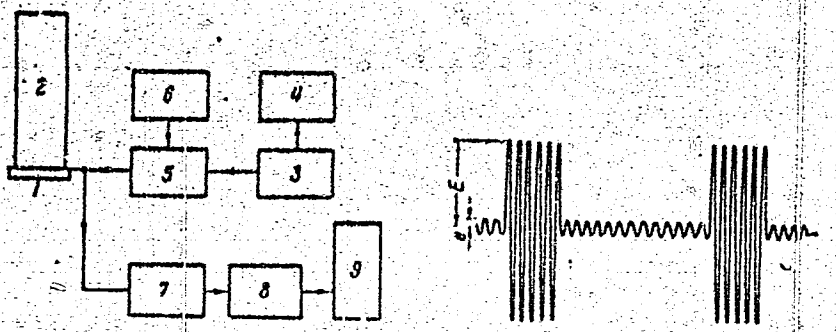

Fig. 1. Block diagram of equipment and applied pulse waveform.

1 - Piezoelectric crystal, 2 - block of investigated material, 3 - carrier frequency oscillator, 4 - wave meter, 5 - modulator, 6 - square wave generator, 7 - amplifier, 8 - detector, 9 - oscilloscope

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Studying factors determining the selection of the optimal methods of mixing concrete mixes. Trudy NIIZHB no.33:96-102 '64. (MIRA 18:2)

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