KURILLOV, I.I., doktor tekhn.nauk, prof.; KUZ'MICHEV, R.V., kand.tekhn.nauk

Effect of the lacing wire on the efficiency of the turbine stage. Energomashinostroenie 8 no.5:1-4 My '62. (MIRA 15:5)
(Turbines--Blades)

Leont'yev, N.I.

S/[illegible]/000/03/029/055
E140/E563

AUTHORS: Leont'yev, N.I., Udovichenko, Yu.K. and Kuril'nikov, S.V.

TITLE: Omegatron with Panoramic Observation

PERIODICAL: Pribory i tekhnika eksperimenta, 1960, No 3, pp 100-103

ABSTRACT: A mass analyser for low masses using a CRT indicator is described. It employs a light-weight magnet (2.9 kg) with inhomogeneous field. The magnet is similar to one employed in a common magnetron type, omitting openings in the pole faces. The field intensity at the center of the gap is 2000 Oe., maximum inhomogeneity in the working region of the analyser 3.5%. The ion source and analyser is a chamber composed of thin sheets of tantalum previously described in Ref 5. The working bands of the oscillator are 86 - 121, 112- 360 and 560 - 2000 kcs, corresponding to masses 36 - 25, 27 - 8, 5 - 2. The carrier is frequency-modulated up to 25%, with slow sawtooth waveform 2, 4, 7, 15 and 30 sec. The spectrum of neon 20 and 22 obtained by the instrument is given in Fig 4. The peak at 18 is due to water vapour in the

Card 1/2

*Leont'yev, N.I., Udovichenko, Yu.K., Pribory i tekhnika eksperimenta, 1959, Nr. 1, pp. 101-105

81994 S/120/60/000/03/029/055
E140/E563

Omegatron with Panoramic Observation

instrument. It is stated that the precision of the instrument is not less than 5% (precision of what not stated).
There are 4 figures and 6 references, 2 of which are Soviet and 4 English.

SUBMITTED: April 16, 1959

44

Card 2/2

S/120/60/000/005/040/051
E073/E335

AUTHORS: Leont'yev, N.I. and Kuril'nikov, S.V.

TITLE: Meter for Measuring the Magnetic Field by means of a Magnetodielectric Probe

PERIODICAL: Pribory i tekhnika eksperimenta, 1960, No. 5, p. 135

TEXT: For measuring magnetic fields of various configurations an instrument has been designed, the operation of which is based on the dependence of the permeability of a magnetodielectric on the magnetic field potential. It operates in the range of 100 - 8 000 Oe, the accuracy being 0.5%. Compared with an instrument described by M.P. Zel'dovich and S.M. Rubchinskiy (same journal, 1958, No. 1, p. 56) this instrument has a more simple circuit and a more simple design of the probes. The calibration oscillator operates at the two fixed frequencies, 760 kc/s and 4 Mc/s. Comparison of the frequencies of the measuring and calibration oscillators is by means of the zero beat method. The zero beat is determined by means of the setting indicator 6E5C (6E5S). The magnetic-field potential is determined on the limb of the Vernier of a variable condenser

Card 1/3

Meter for Measuring the Magnetic Field by means of a Magnetodielectric Probe

of the metering oscillator and the calibration curve. The instrument is calibrated by means of a nuclear instrument. The measuring device has two interchangeable probes, the difference being solely in the material of the core coil. The core of the coil of the first probe is machined from the "oxyfer" Ф-1000 (F-1000); the second was made of carbonyl iron ($\mu_o \approx 3.7$) . The first probe is suitable for the range of 100 - 370 Oe, the second for the range of 300 to 8 000 Oe. The core dimensions are: 3 mm dia.; 1.5 mm centre hole; 3 mm thick. Coils with 27 turns were wound toroidally on the cores. The toroidal shape of the windings was chosen since, in this case, the accuracy of orientation of the probe in the field does not greatly affect the results of the measurements. The coil of the probe is connected to the metering oscillator by a 1.5 m long cable. The probe is fitted on a perspex rod, 4.2 mm external diameter, which is rigidly fixed on the coaxial cable. The instrument indicates

S/120/60/000/005/040/051
E073/E335

Meter for Measuring the Magnetic Field by means of a Magnetodielectric Probe

the average potential of the magnetic field which exists in the volume of the probe coil.
There is 1 Soviet reference.

SUBMITTED: July 17, 1959

Card 3/3

KURILO, A.A., referent

Minutes of session No. 299 of the Kiev and Kiev. Province Soviety of Traumatologists and Orthopedists. Ortop. travm. i protez 19 no.4:89-90 Jl-Ag '58 (MIRA 11:11)
(ORTHOPEDICS)

KURILO, A.A., referent

Minutes of session No.300 of the Kiev and Kiev Province Society of Traumatologists and Orthopedists. Ortop.travm. i protez. 19 no.5:107-108 S-O '58 (MIRA 11:12)
(PROSTHESIS)

NECHAYEVA, Z.P.; KROMAPENKO, G.N., kand.med.nauk; EPSTEYN, G.Ya., prof.; KURILO, A.A.; PRIKHOD'KO, A.; MEZHENINA, Ye.P., kand.med.nauk

Reports on meetings of societies of traumatologists and orthopedists. Ortop.travm.i protez. 20 no.4:85-91 Ap '59. (MIRA 13:4)

(ORTHOPEDIC SOCIETIES)

KRAMARENKO, G.N., kand.med.nauk; NECHAYEVA, Z.P.; TKACHENKO, S.S., kand.med.nauk; NODEL'MAN, V.S.; ANCHELEVICH, V.D., prof.; KURILO, A.A.; KNYSH, I.T., kand.med.nauk; PRIKHOD'KO, A.K.; MEZHENINA, Te.P., kand.med.nauk

Reports on meetings of societies of traumatologists and orthopedists. Ortop.travm. i protez. 20 no.7:79-95 Jl '59. (MIRA 12:10)

(ORTHOPEDIA)

NECHAYEVA, Z.P.; TRACHENKO, S.S., kand.med.nauk; SINADSKIY, N.Ye., dotsent; OSNA, A.I., dotsent; KURILO, A.A.; PRIKHOD'KO, A.K.; MEZHENINA, Ye.P., kand.med.nauk

Reports on session of societies of traumatologists and orthopedists. Ortop.travm.i protez. 20 no.8:81-90 Ag '59. (MIRA 12:11)
(ORTHOPEDIC SOCIETIES)

KRAMARENKO, G.N., kand.med.nauk; MECHAYEVA, Z.P.; TKACHENKO, S.S.; OSNA, A.I., dotsent; KURILO, A.A.; MEZHENINA, Ye.P., kand.med.nauk; KRYUK, A.S., kand.med.nauk; FREYKA, B., prof.

Reports on meetings of societies of traumatologists and orthopedists. Ortop.travm.i protez. 20 no.9:80-93 S '59. (MIRA 13:2)
(ORTHOPEDIC SOCIETIES)

KRAMARENKO, G.N., referent; TKACHENKO, S.S., referent, kand.med.nauk; KNYSH, I.T., referent, kand.med.nauk; KURILO, A.A., referent; KOSTRIKOV, V.S., referent, kand.med.nauk; GABAY, A.V., referent, prof.; MARYASHINA, O.M., referent, kand.med.nauk

Reports on sessions of societies of traumatologists and orthopedists. Ortrop.travm.i protez. 21 no.4:83-93 Ap '60. (MIRA 13:9)
(ORTHOPEDIC SOCIETIES)

KURILO, A. A.

Report of the 351st and 352d sessions of the Kiev Society of Traumatologists and Orthopedists. Ortop., travm. i protez. 22 no.8:84-86 Ag '61. (MIRA 14:12)

(KIEV--ORTHOPEDIC SOCIETIES)

KRUTO, A. I.; [illegible], N. L.

Automobiles - Electric Equipment

Motor bus generator assemblies for alternating current. Avt. trakt. prom. No. 8, 1952.

MONTHLY LIST OF RUSSIAN ACCESSIONS, LIBRARY OF CONGRESS NOVEMBER 1952. Unclassified

KURILO, A. I.

KURILO, A. I. -- "Investigation of Systems of Illuminating Tractor and Combine Equipment." Joint Academic Council. All-Union Sci Res Inst of the Mechanization of Agriculture (VIM), And All-Union Sci Res Inst of the Electrification of Agriculture (VI Sh). Moscow, 1955. (Dissertation for the Degree of Candidate in Technical Sciences.)

SO: Knizhnaya Letopis', No 9 1955

KURILO, A.I., inzhener; SINEGUBKIN, V., inzhener.

New automobile ignition coil. Avt.transp.32 no.10:27-28 O '54.
(MLRA 7:12)

1. NIIavtopriborov.
(Automobiles--Ignition)

KARTVELISHVILI, Yu.L., kand. tekhn. nauk; PANKRASHKIN, P.V., kand. tekhn. nauk; KURILO, G.M., inzh.; KHRAMOV, I.N., inzh.

Determining impact loads acting on the dragline bucket. Stroi. i dor. mash. 10 no.4:16-17 Ap '65. (MIRA 18:5)

SADOVSKIY, T.P., slesar'; MARUK, M.F.; VAKULENKO, V.I.; KURILO, I.G.

Modernization of mobile diaphragm pumping units. Suggested by T.P.Sadovskiy, M.F.Maruk, V.I.Vakulenko, I.G.Kurilo. Rats.i izobr.prodl.v stroi. no.12:55-58 '59. (MIRA 13:5)

1. Trest No.5 Mospodzemstroya Glavmosstroya (for Sadovskiy).
2. Gruppa ratsionalizatorov tresta No.6 Mospodzemstroya Glavmosstroya Moskva, Yetoshnyy per., do.11 (for Maruk, Vakulenko, Kurilo).

(Pumping machinery)

KUKILO, I. I.

Ukrain - Afforestation

Methods of afforestation in the southern Ukrainian sands. Les. khoz. 5, No. 6, 1952.

9. Monthly List of Russian Accessions, Library of Congress, August 1953, 2Uncl.

KURILO, I. I.

Arboriculture

Preparation of seeds for sowing. Les khoz. 5 No. 8, 1952.

9. Monthly List of Russian Accessions, Library of Congress, November 1952, Uncl.

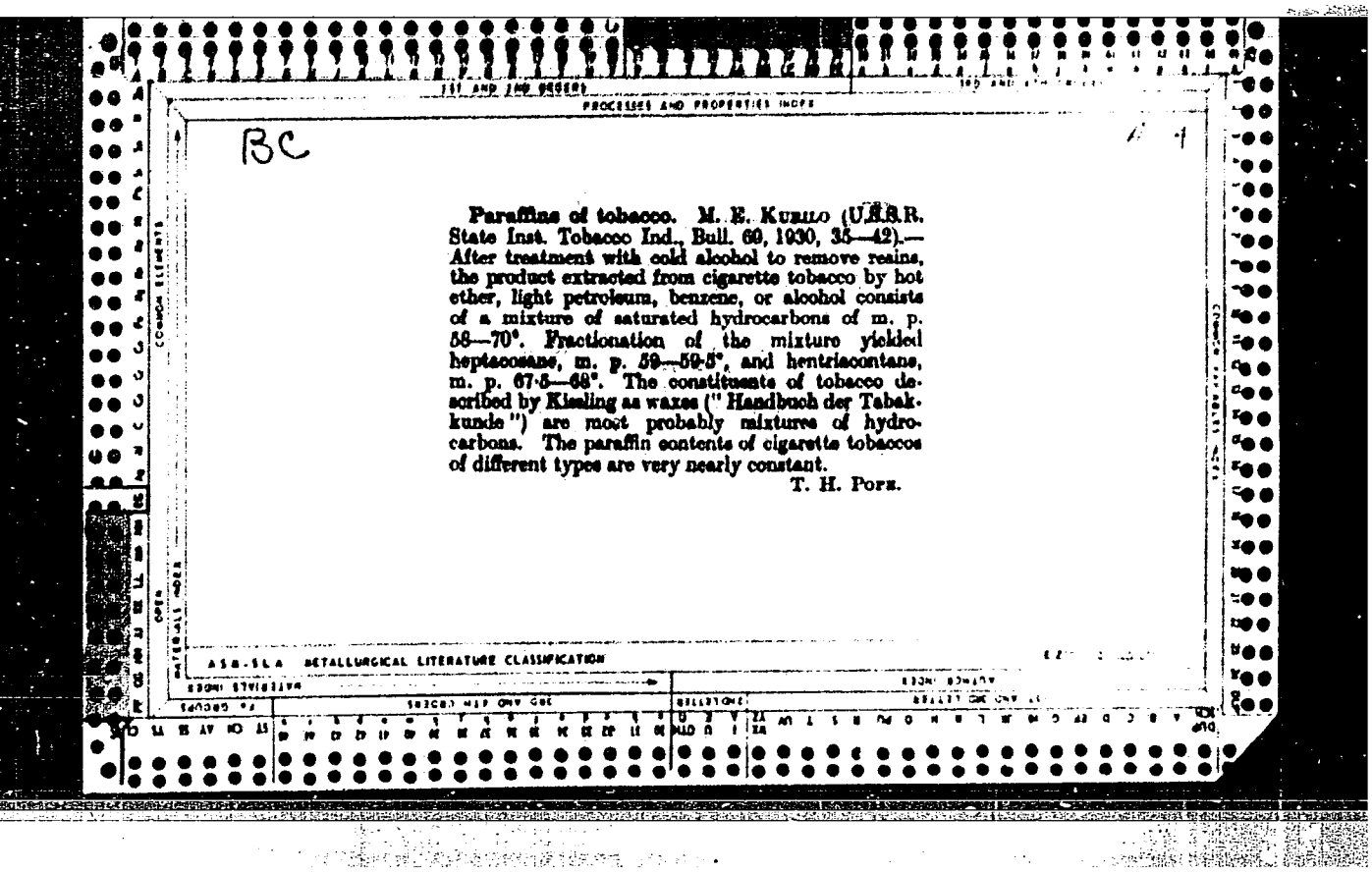
1. KURILO, I. I.

2. USSR (600)

4. Agricultural Machinery

7. Attachment for the SLCH-1 tree planter for straightening seedings. Les. khoz. 6, no. 1, 1953.

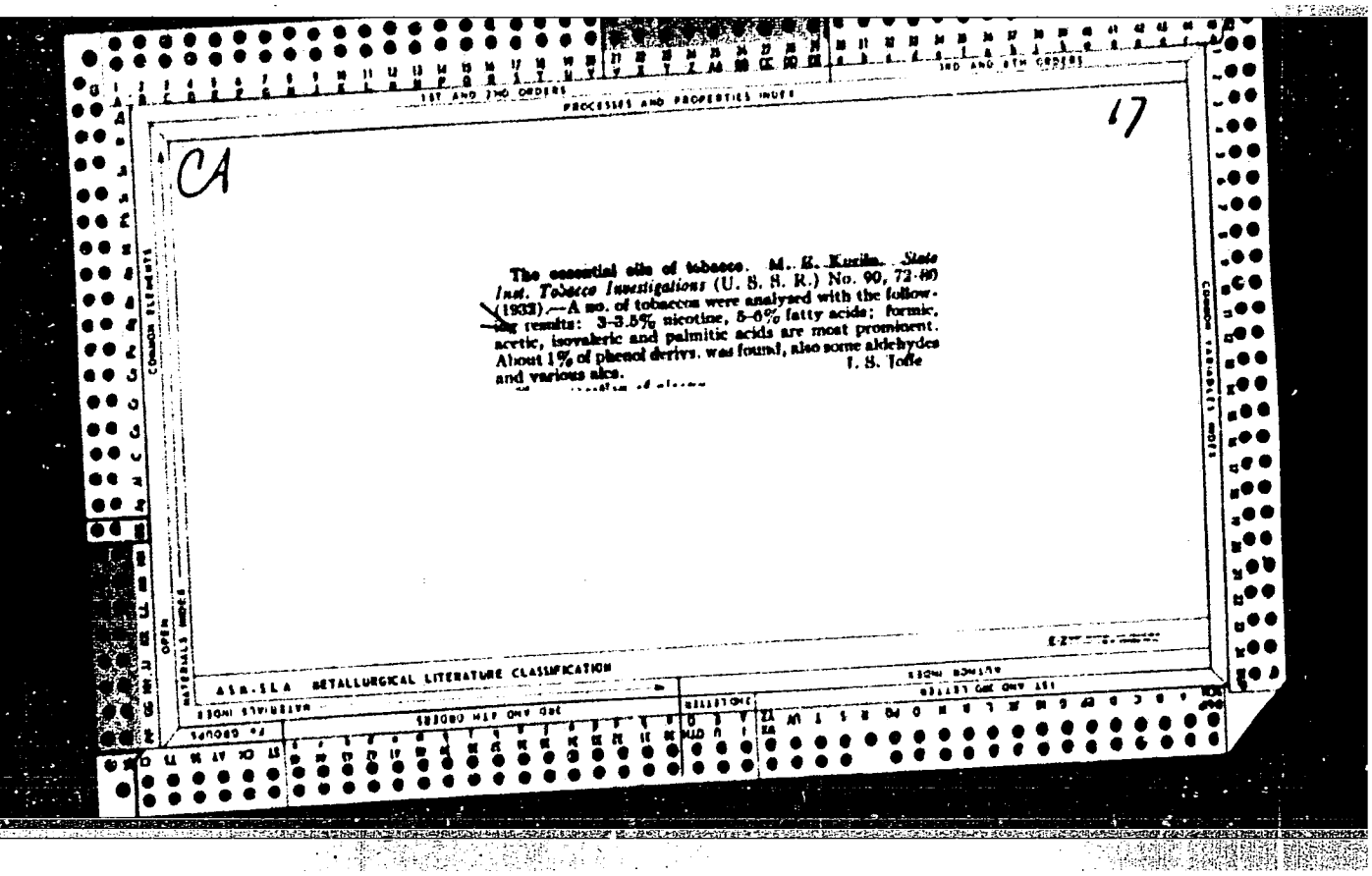
9. Monthly List of Russian Accessions, Library of Congress, May 1953. Unclassified.

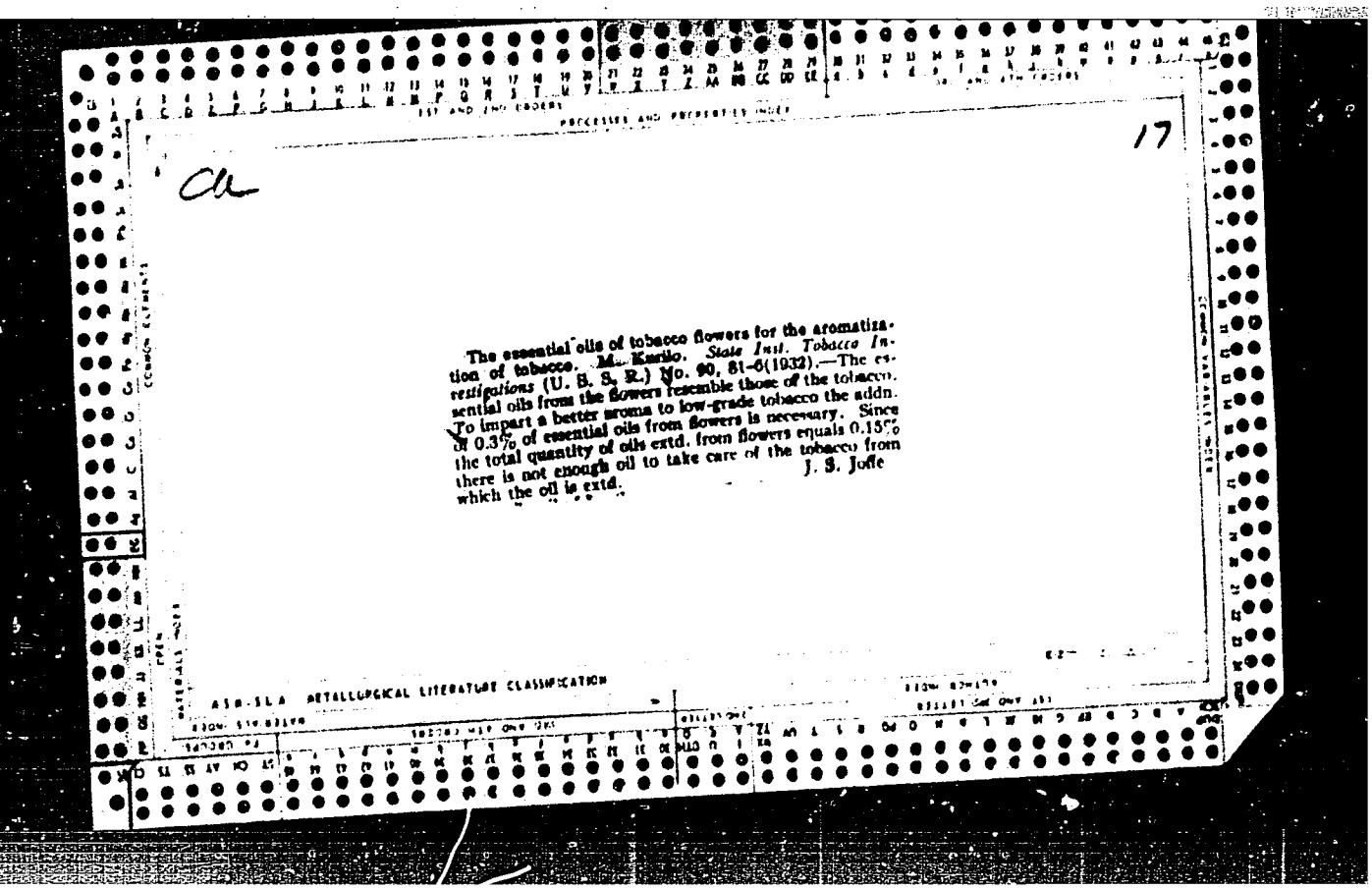


BC

Paraffins of tobacco. M. E. KUBILO (U.S.S.R. State Inst. Tobacco Ind., Bull. 69, 1930, 35—42).—After treatment with cold alcohol to remove resins, the product extracted from cigarette tobacco by hot ether, light petroleum, benzene, or alcohol consists of a mixture of saturated hydrocarbons of m. p. 58—70°. Fractionation of the mixture yielded heptacosane, m. p. 59—59·5°, and hentriacontane, m. p. 67·5—68°. The constituents of tobacco described by Kissling as waxes ("Handbuch der Tabakkunde") are most probably mixtures of hydrocarbons. The paraffin contents of cigarette tobaccos of different types are very nearly constant.

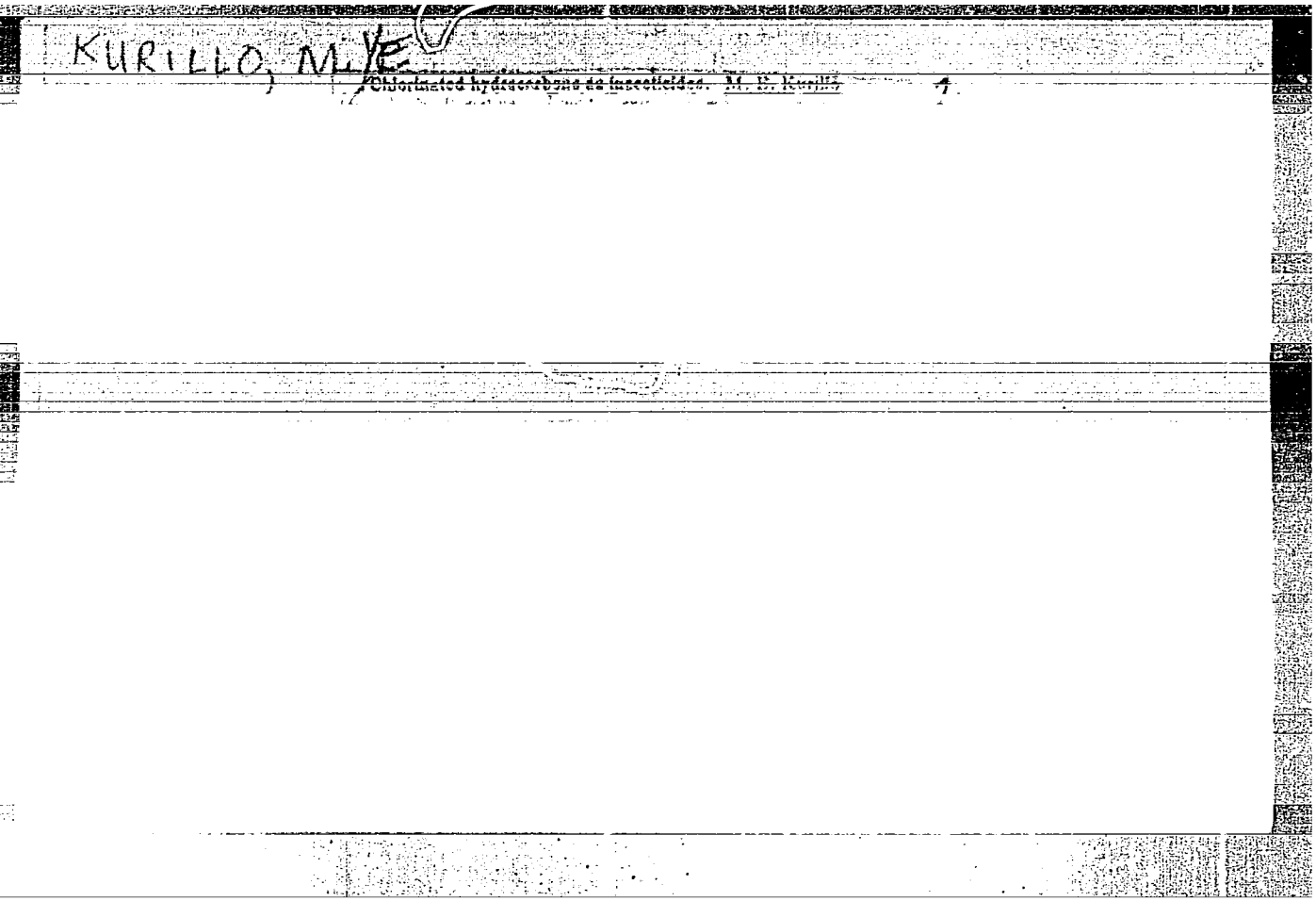
T. H. POPE.





The essential oils of tobacco flowers for the aromatization of tobacco. M. Kurilo. *State Inst. Tobacco Investigations* (U. S. S. R.) No. 90, 81–6(1932).—The essential oils from the flowers resemble those of the tobacco. To impart a better aroma to low-grade tobacco the addn. of 0.3% of essential oils from flowers is necessary. Since the total quantity of oils extd. from flowers equals 0.15% there is not enough oil to take care of the tobacco from which the oil is extd.

J. S. Joffe



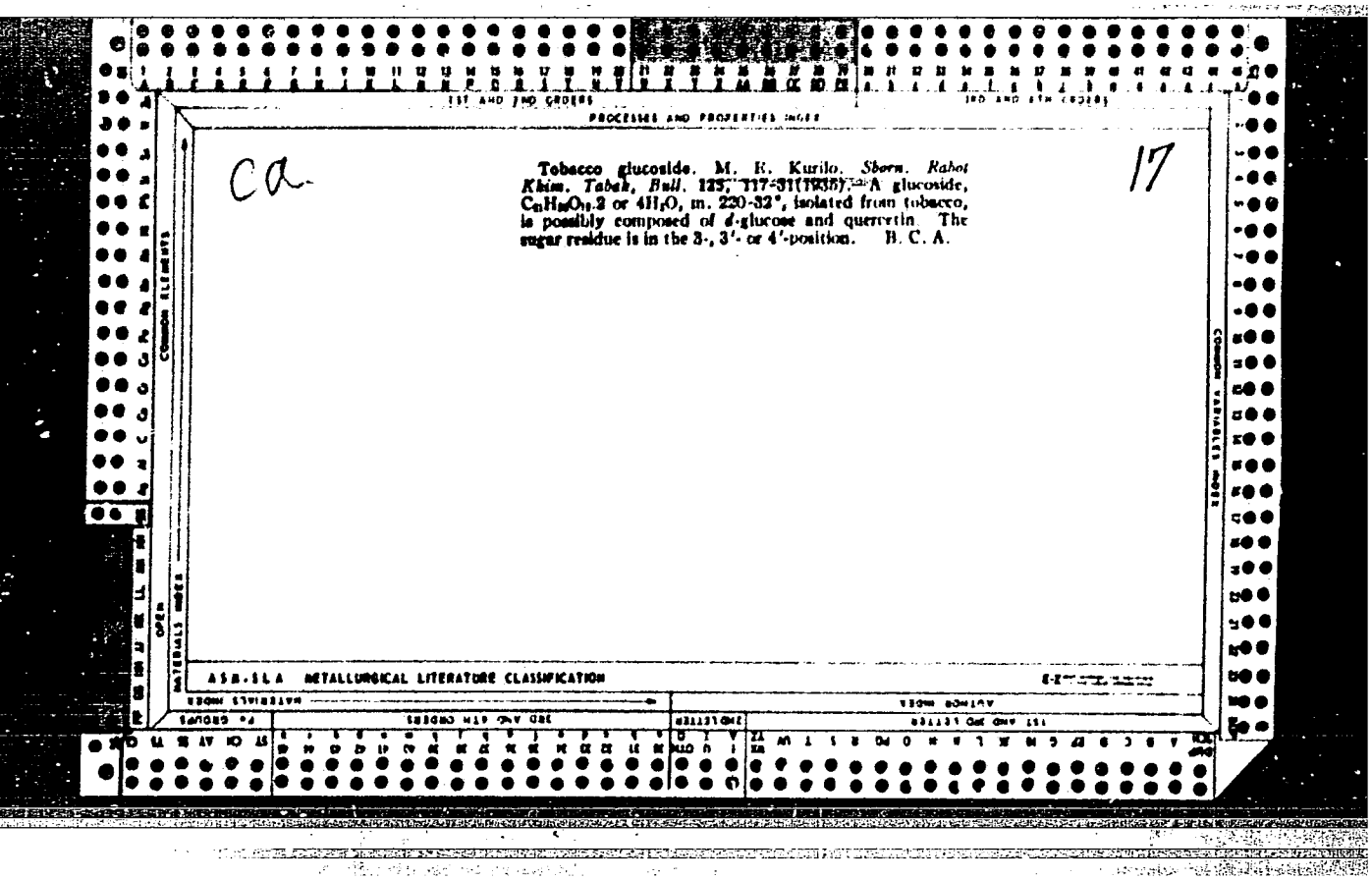
CA

17

PROCESSES AND PROPERTIES INDEX

Estimating the aromatic substances in tobacco smoke. M. B. Kuzin. *Vsesoyuznui Inst. Tabachnoi Prom. (Krasnodar),* No. 104, 33-9(1933).—The volatile substances of tobacco smoke were absorbed by silica gel, steam-distd. and extd. with ether, and the constituents detd. in the regular way. J. S. Joffe

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION



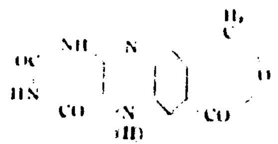
CA

17

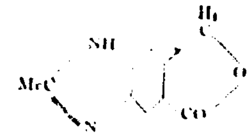
Tobacco glucoside. M. E. Kurilo. *Sborn. Rabot Khim. Tabak, Bull.* 125, 117-31(1935). A glucoside, $C_{21}H_{20}O_{12}.2$ or $4H_2O$, m. 220-32°, isolated from tobacco, is possibly composed of *d*-glucose and quercetin. The sugar residue is in the 3-, 3'- or 4'-position. B. C. A.

ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION

The synthesis of di- and triaminophthalides. M. E. Kurilo and M. M. Shemyakin. *J. Gen. Chem.* (U.S.S.R.) 15, 704-10(1945)(English summary).—4-Nitrophthalimide (100 g.), 225 g. Zn dust, 350 cc. 20% NaOH, and 1 g. $CuSO_4$ in 500 cc. water were mixed with ice-cooling and the mixt. was stirred for 30 min., after which water was added and the NH_3 formed in the reaction was removed by steam distn. The soln. was filtered and acidified with HCl to Congo red to yield 44% *5-aminophthalide*, m. 193-4° (from water). 5-Acetamidophthalide (60 g.) and 7.3 g. (d. 1.80) concd. H_2SO_4 were treated at -10° with a mixt. of 19.8 g. HNO_3 (d. 1.52) and 80 cc. concd. H_2SO_4 (d. 1.80), kept at -5° to -8° for 30 min., for 2 hrs. at -3° to -2°, and then poured on ice. The resulting paste was stirred with 300 cc. hot alc. and filtered; the residual product was 25.8%, *5-acetamido-6-nitrophthalide* (I), m. 206-8° (from AcOH). Hydrolysis by 10% HCl gave *5-amino-6-nitrophthalide*, m. 252-3° (from AcOH), while diazotization of the latter in H_2SO_4 and treatment with boiling EtOH gave *6-nitrophthalide*, m. 151-3° (from EtOH). Reduction of the nitroamino compd. with Zn dust in HCl with mild warming gave *5,6-diaminophthalide*, m. 273°, which, heated with an equimol. amt. of alloxan



(III)



from 70% MeOH, I m. 82-3 ... has the compn. $C_{10}H_{16}O$. I, when titrated with BzO_2H in $CHCl_3$, consumes 2 atoms O at 0°, indicating the presence of 2 double bonds which are present in isolated posi-

in AcOH by H in the presence of Pd gave a colorless product which appeared to be III. 5-Aminophthalide (35 g.) in 210 g. concd. H_2SO_4 was treated, after cooling to -15°, with a mixt. of 10.5 cc. HNO_3 (d. 1.4) and 37 cc. concd. H_2SO_4. After stirring for 20 min., the mixt. was poured on ice, and the resulting paste, treated with 30-40 cc. EtOH, yielded pure *4,6-dinitro-5-aminophthalide*, m. 207° (from $CHCl_3$). Reduction of this with Zn dust in 10% HCl gave a crude triamino deriv., m. 224°, which was dissolved in warm dil. HCl, and, on cooling, gave the *HCl salt* of the pure *4,5,6-triaminophthalide* (no m.p. given), while addn. of NH_3 to the filtrate gave the by-product, *nitrodiaminophthalide*, m. 230-1°. Condensation of the triamine with alloxan in water with gentle heating gave the *corresponding alloxazine*, m. 303° (from pyridine), while the use of the triamine HCl salt gave the *corresponding HCl salt*, m. 300°.

G. M. Kosolapoff

ASO-SLA METALLURGICAL LITERATURE CLASSIFICATION

Lab. Chem. of Vitamins, All-Union Inst. Experim. Medic.

S/181/60/002/03/13/028
B006/B017

AUTHORS: Baranskiy, P. I., Kurilo, P. M.

TITLE: Dependence of the Volume Peltier Effect on the Gradient of Specific Resistance

PERIODICAL: Fizika tverdogo tela, 1960, Vol. 2, No. 3, pp. 458-462

TEXT: In a previous paper, the existence of a volume Peltier effect $\mathcal{E}_p$ on n-type and p-type germanium single crystals with non-homogeneous specific resistance ρ has been experimentally proved, and it was found that $\mathcal{E}_p$ is directly proportional to the amperage. In the present paper, the function $\mathcal{E}_p = f(d\rho/dx)$ is investigated for a non-homogeneous ρ by using a method developed in Ref. 2. The measurements were made with seven sample pairs of n-type germanium in the range $0 \leq I \leq 90$ ma. The results of these measurements are shown in Fig. 1 ($\mathcal{E}_p = f(I)$). The following diagrams (Fig. 2) show $\log \mathcal{E} = f(\log I)$ - straight line - and Fig. 3 shows the distribution function $\rho(x)$ along the sample. Fig. 4 shows

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Dependence of the Volume Peltier Effect on the Gradient of Specific Resistance

S/181/60/002/03/13/028
B006/B017

$\mathcal{E}_p$ as a function of $\frac{1}{\rho}\frac{d\rho}{dx}$; the measured values lie almost on a straight line. Hence, the function $\mathcal{E}_p|_{I=const} = const\ \frac{1}{\rho}\frac{d\rho}{dx}$ may be regarded as experimentally verified. The data of numerical measurement are compiled in a Table. The authors thank V. Ye. Lashkarev, Academician of the AS UkrSSR, for his interest and discussions, and A. N. Kvasnitskaya for supplying the samples. There are 4 figures, 1 table, and 2 Soviet references.

ASSOCIATION: Institut fiziki AN USSR Kiyev (Physics Institute of the AS UkrSSR, Kiyev)

SUBMITTED: June 15, 1959

VC

Card 2/2

BARANSKIY, P.I. [Barans'kyi, P.I.]; KURILO, P.M. [Kurylo, P.M.]

Concentration dependence of the Hall factor in n-germanium.
Ukr. fiz. zhur. 8 no.10:1176-1179 O '63. (MIRA 17:1)

1. Institut poluprovodnikov AN UkrSSR, Kiyev.

ACCESSION NR: AP4011736 S/0181/64/006/001/0054/0057

AUTHORS: Baranskiy, P. I.; Kurilo, P. M.

TITLE: Investigating the symmetry properties of isoenergy surfaces in n type germanium by means of Hall measurements

SOURCE: Fizika tverdogo tela, v. 6, no. 1, 1964, 54-57

TOPIC TAGS: Hall coefficient, semiconductor, germanium, isoenergy surface, energy structure

ABSTRACT: Because the anisotropy and dependence of the Hall coefficient on the magnetic field are determined both by the structure of isoenergy surfaces and by the mechanism of scattering, it is necessary to study the anisotropy of the Hall coefficient at various crystal orientations in the magnetic field. Measurements were made on n-type germanium with a resistivity of about 10.3 ohm cm. They were made at room temperature in the interval $8 \cdot 10^5 \leqslant H \leqslant 2 \cdot 10^7$ ampere-turns per meter on samples oriented with the crystallographic axes symmetrical with the magnetic field and on samples not symmetrically oriented. The unsymmetrical orientation

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ACCESSION NR: AP4011736

permitted the authors to establish a correlation between the results they obtained and the structure of the isoenergy surfaces, which are widely recognized from experiments on cyclotron resonance. On the basis of these experiments, the authors suggest the possible use of this method for obtaining information on the energy structure in semiconductors for which this structure is not yet known. "The authors express their thanks to Ye. G. Miselyuk and V. M. Buymistrov for their interest in the work and for useful discussions, and also to A. S. Rodionov and V. A. Savitskiy for their aid in preparing and conducting the described experiments." Orig. art. has: 4 figures.

ASSOCIATION: Institut poluprovodnikov AN USSR, Kiyev (Institute of Semiconductors AN UkrSSR)

SUBMITTED: 28Jun63 DATE ACQ: 14Feb64 ENCL: 00

SUB CODE: EC, SS NO REF SOV: 000 OTHER: 004

Card 2/2

ACCESSION NR: AP4028428 S/0181/64/006/004/1048/1050

AUTHORS: Baranskiy, P. I.; Vinetskiy, R. M.; Kurilo, P. M.

TITLE: Anisotropy of the Hall coefficient in p-type germanium

SOURCE: Fizika tverdogo tela, v. 6, no. 4, 1964, 1048-1050

TOPIC TAGS: germanium, semiconductor, Hall coefficient, hole interaction, impurity concentration, impurity scattering, lattice scattering

ABSTRACT: Resistivity of the samples ranged from 0.13 to 37 ohm cm. Measurements were made at room temperature and at 77K. It was found that the degree of anisotropy $R(H)/R_0$ decreases with fall in temperature and with increase in impurity concentration. It proved always to be greater, other conditions being the same, when the magnetic field was directed along [001] than when directed along [110], the electrical field being along [110] in both cases. The difference between the minimum values of $R(H)/R_0$ for these two orientations decreases in resistivity and in temperature. The authors conclude that this is due to different degrees of anisotropy in impurity and lattice scattering, and also to increasing effec-

Card 1/2

ACCESSION NR: AP4028428

tiveness of interaction between holes as the concentration of holes increases. Orig. art. has: 2 figures.

ASSOCIATION: Institut poluprovodnikov AN UkrSSR, Kiev (Institute of Semiconductors AN UkrSSR)

SUBMITTED: 08Oct63 DATE ACQ: 27Apr64 ENCL: 00

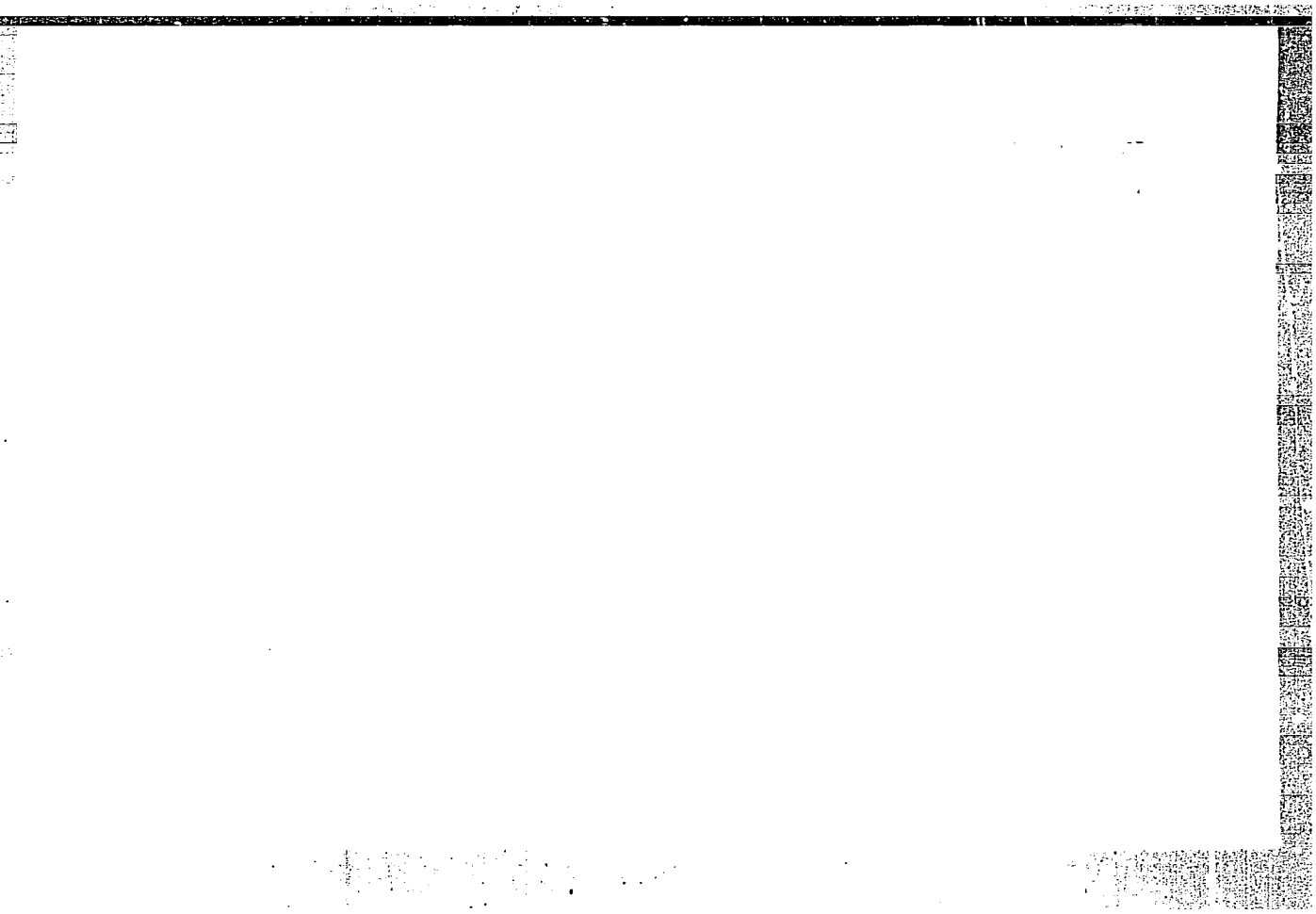
SUB CODE: EC, SS NO REF SOV: 000 OTHER: 006

Card 2/2

BARANSKIY, P.I.; DAKHOVSKIY, I.V.; KURILO, P.M.

Anisotropy of the Hall coefficient for n-Si in the region of intermediate magnetic fields. Fiz. tver. tela 6 no.7:2204-2207 Jl '64.
(MIRA 17:10)

1. Institut poluprovodnikov AN UkrSSR, Kiyev.



APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000927710020-3"

ACCESSION NR: AP4046625

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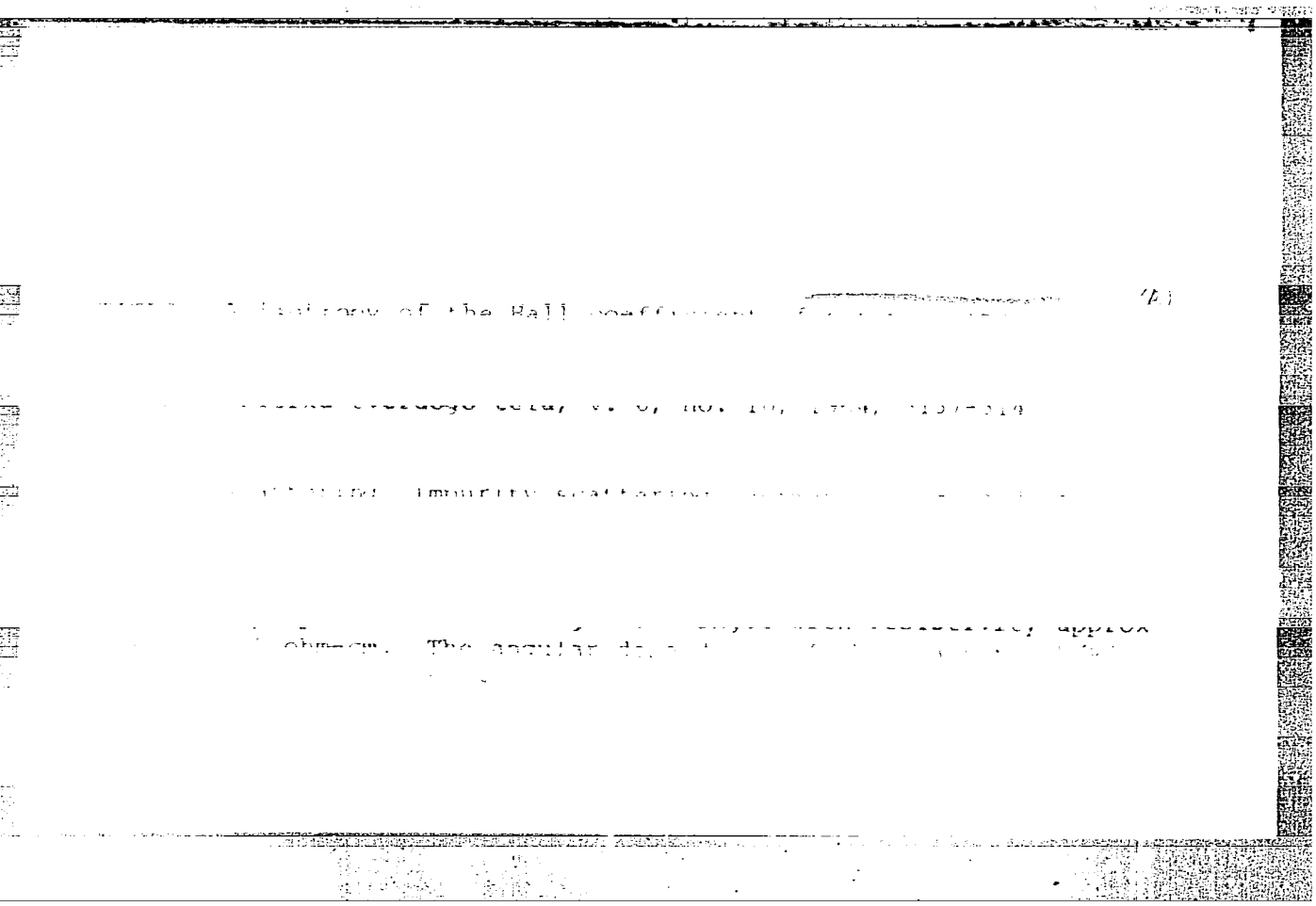
... of the authors earlier (Baranskiy and Kurilo, FTT v. 6, 54,

Card 2/3

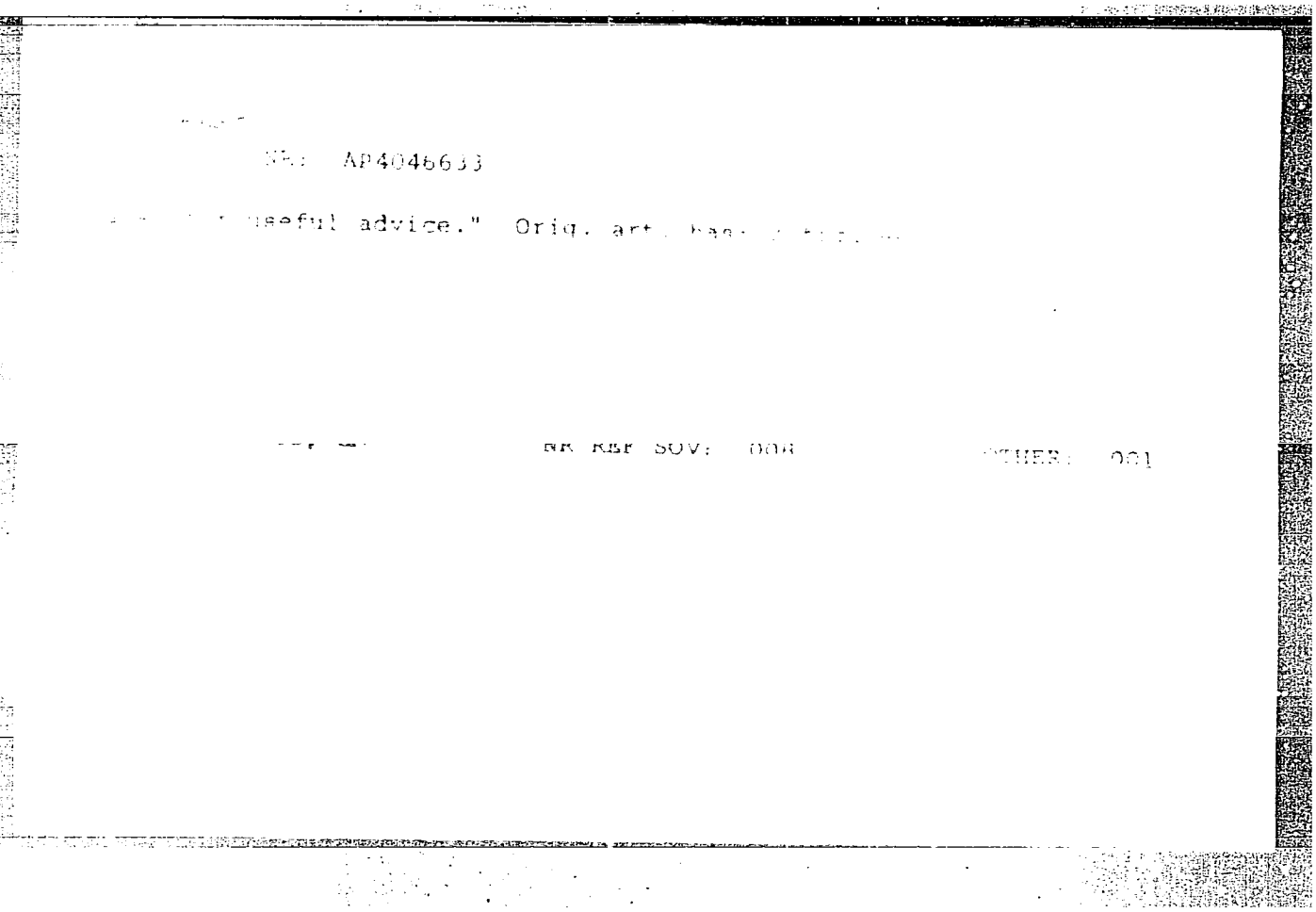
ACCESSION NR: AP4046625

SS ND REF SOV: 005 OTHER: 004

Card 2/2



current was parallel to the [110] direction

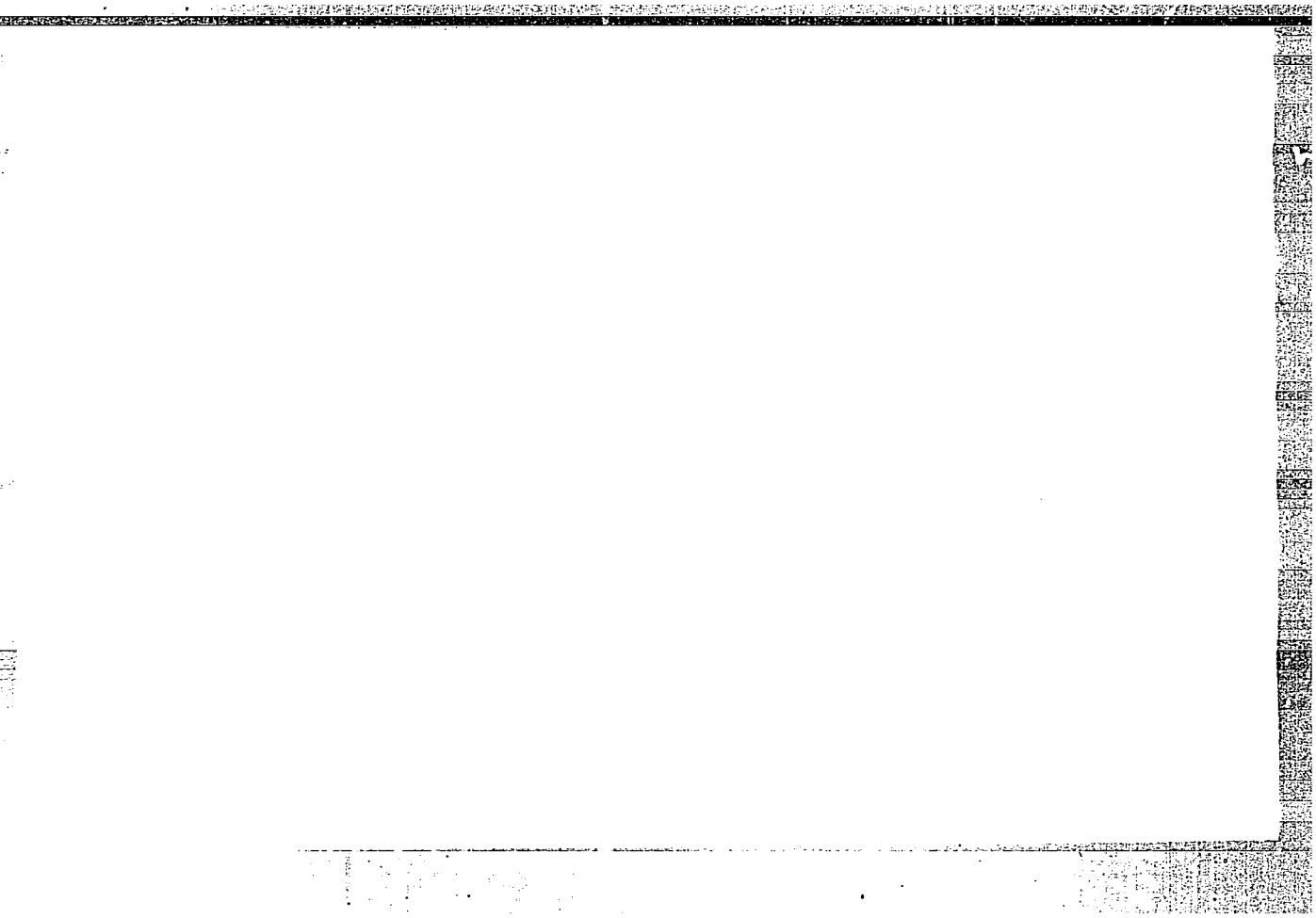


APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000927710020-3"

KURILO, V.S. [Kurylo, V.S.], inzh.-mekhanik

Implement for digging out seedlings. Mekh. sil'. hosp. 12 no. 3:29 Mr '61. (MIRA 14:4)
(Agricultural implements)

TOPIC TAGS: corundum, aluminum oxide, alumina, aluminum compound, single crystal, single crystal growth, single crystal growing,



APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000927710020-3"

KURILOV, A.A.

Measurement of the shift of liquid level in a measuring vessel. Izm. tekh. no.9:53-55 S '63. (MIRA 17:1)

MINAYEVA, A.F., inzh.; NEFEDOV, A.A., kand.tekhn.nauk; TELUSHKIN, N.V., inzh; TERMINOSYAN, N.S., inzh.; KURILOV, A.I., inzh.; SKACHKOV, L.N., inzh.; POLYAKOV, M.M., inzh; LIPOVETSKIY, I.A., inzh.

Double-groove rolling with guides, of ribbed concrete reinforcing bars. Stal' 20 no.3:234-243 Mr '60. (MIRA 13:6)

1. Yenakiyevskiy metallurgicheskiy zavod i Dneprodzerzhinskiy vecherniy metallurgicheskiy institut.
(Rolling (Metalwork)) (Reinforcing bars)

MISHCHENKO, N.M., inzh.; BERDICHEVSKIY, Ye.Ye., inzh.; TERMINOSYAN, N.S., inzh.; KURILOV, A.I., inzh.; POLYAKOV, M.M., inzh.; DEMIDOVICH, Ye.A., inzh.; PINDYURIN, N.I., inzh.; Prinimali uchastiye: MALINOVSKIY, V.G.; MOLCHANOV, I.V.; MASHISHINA, M.P.; YEMCHENKO, Ye.K.; CHEREDNICHENKO, A.A.; STEPANOV, V.A.; SKACHKOV, L.N. [deceased]; KOSHMAN, A.I.; SHCHEKLIN, V.V.; CHUBATYUK, Ye.G.; KHITOVA, Ye.Ye.; KOROBOVA, G.Z.; ROTMISTROVSKIY, B.M.; VEYSBEYN, A.D.

Increasing the efficiency of section tandem mills by the use of repeaters. Stal' 23 no.3:236-241 Mr '63. (MIRA 16:5)

1. Yenakiyevskiy metallurgicheskiy zavod.
(Rolling mills--Equipment and supplies)

KURILOV, A.M.

Structural completion and engineering efficiency of the repairing of motor-vehicle parts. Avt.prom. 29 no.1:8-9 Ja '63.
(MIRA 16:1)

1. Prikumskiy remontnyy zavod.
(Motor vehicles--Maintenance and repair)

KURILOV, A.P.

Assembling prefabricated reinforced concrete arches with stiffening beams. Transp. stroi. 13 no.7:11-14 Jl '63. (MIRA 16:9)

1. Nachal'nik uchastka mostopoyezda No.475 Mostotresta.
(Arches) (Reinforced concrete construction)
(Railroad bridges)

KURILOV, A.P.

This bothers bridge builders. Transp.stroi. 13 no.9:76 S '63.
(MIRA 16:12)

L 13863-66 EWT(1)/EWA(h) GW
ACC NR: AT6004101 (N) SOURCE CODE: UR/3152/65/000/008/0026/0033

AUTHOR: Melamud, A. Ya.; Kurilov, A. S.

47
B+1

ORG: none

TITLE: Semiconductor modulator and demodulator for magnetic recording using the frequency modulation method

SOURCE: Razvedochnaya geofizika, no. 8, 1965, 26-33

TOPIC TAGS: seismologic instrument, frequency modulation, magnetic recording, multivibrator, ~~electronic measurement~~ amplifying equipment, seismic wave

ABSTRACT: A brief description is given of recording and reproduction amplifiers developed in 1963-1964 at the Institute of Physics of the Earth AN SSSR for FM recording of seismic vibrations. The recording amplifier consists of three amplification stages and a cathode follower (preamplifier), a multivibrator, switch and output matching amplifier. The three amplification stages and the cathode follower use vacuum tubes, while the multivibrator, switch and output matching amplifier are transistorized. An input transformer is connected to the input of the preamplifier

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during operation in field conditions. Selection of the transistors is noncritical except in the case of the multivibrator where the gain and collector current must be paired with an accuracy of ±5%. After preamplification, the seismic signal is fed through the cathode follower and resistors to the bases of the transistors in the multivibrator. The frequency of the oscillations generated by the multivibrator is proportional to the amplitude of the signal. Curves are given for the modulation characteristics of the multivibrator. These curves show that a deviation in frequency of 50% is possible within the limits of linearity. The amplitude of a signal causing a 50% deviation should be 2.8 v. The output matching stage provides a recording current of 4.5-7 ma when a power supply of 12 v is used in a working frequency range of 1200-4200 cps. Two modifications of the output matching amplifier are given. The reproducer-demodulator amplifier is completely transistorized and consists of an emitter-follower at the input, a three-stage preamplifier, a key, integrator, low frequency filter and matching emitter-follower with a discrete sensitivity regulator in the emitter circuit. Selection of the transistors is noncritical, however the resistors in the key should be chosen in the 300-400 ohm range for compensation of scatter in parameters. The signal from the magnetic head is preamplified and fed to the key which operates as in the recording amplifier for shaping FM oscillations similar to those received from the modulator. The amplifier

L 13863-66
ACC NR: AT6004101

shapes the signal reliably when the amplitude of the oscillations at the input is 100 μv and higher. The shaped pulse is fed to the integrator circuit and from there to the matching emitter-follower. For a power supply of 6 v and a frequency deviation of 50%, the voltage of the undistorted seismic signal at the output of the demodulator is 130 mv. The technical characteristics of the amplifiers are given. Power is supplied from six-volt storage batteries with current requirements of 10 ma for the modulator and 7 ma for the demodulator. Orig. art. has: 7 figures.

SUB CODE: 09,08/ SUBM DATE: 00/ ORIG REF: 005/ OTH REF: 000

Card 3/3 BK

KURILOV, A.V., (Arkhangel'sk)

Ob River sturgeons found in the Pechora. Priroda 46 no.3:116-117 Mr '57. (MIRA 10:3)
(Pechora River--Sturgeons)

KURILOV, D.

Study room in a plant. NTO no.7:29 Jy '59. (MIRA 12:11)

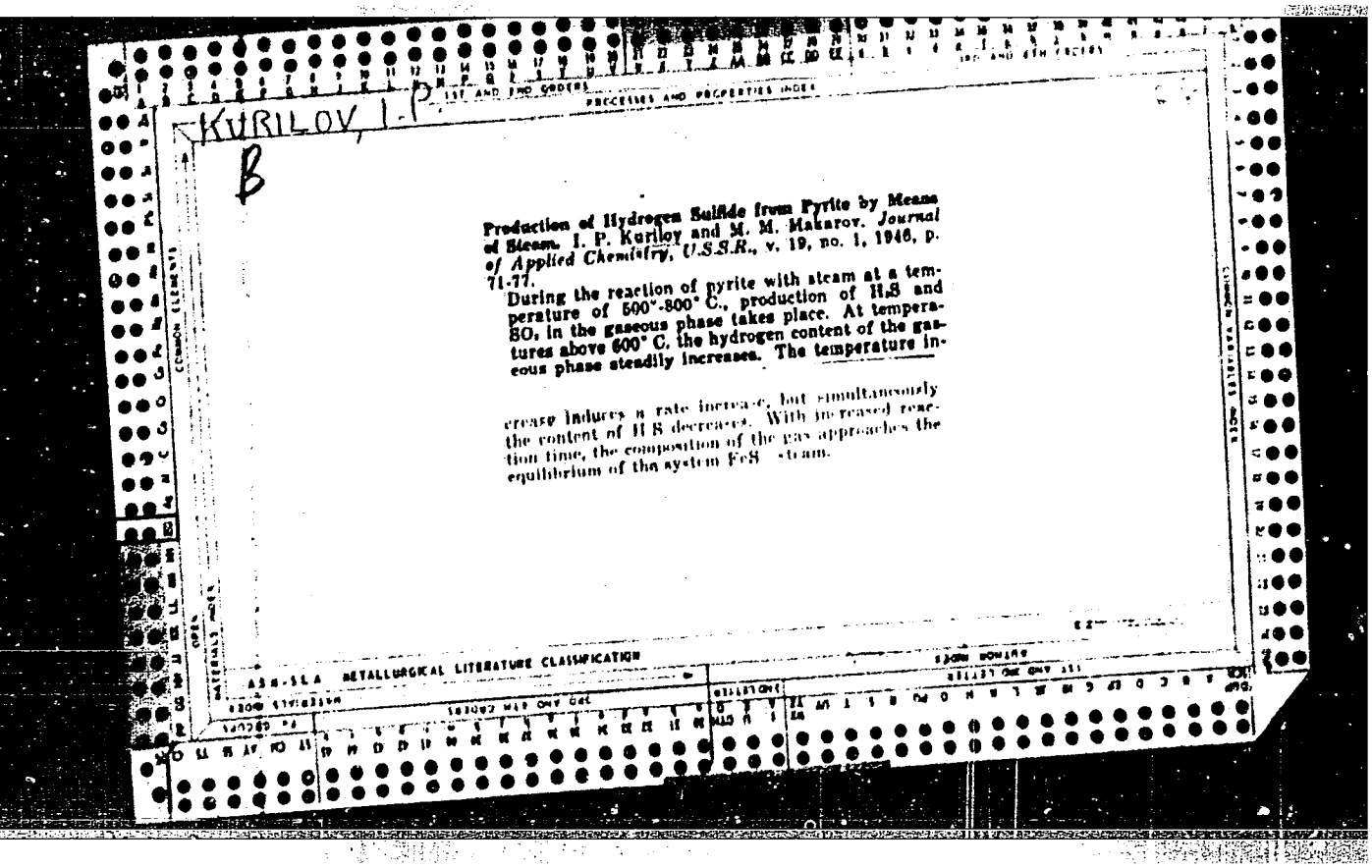
1. Uchenyy sekretar' pervichnoy organizatsii khimicheskogo obshchestva imeni D.I.Mendeleyeva rizhskogo zavoda rezinotekhnicheskikh izdeliy "Varonis".
(Riga--Technical education)

KURILOV, G.V., inzh.; VASYANOVICH, I.F., inzh.; YARKHO, V.I., inzh.; MORGUNOV, V.N., inzh.; BALITSKIY, S.A., kand. tekhn. nauk

Drying rigid mineral wool plates with bitumen-kaolin binder. Stroi. mat. 11 no. 12:12-14 D '65. (MIRA 18:12)

GOLOVANOV, N., zasluzhennyy master sporta, KURILOV, I., gvardii starshiy leytenant; SYTNIK, Yu., sportsmen-planerist 1-go razryada

Facts, events, people. Kryl. rod. 16 no.12:20-21 D '65.
(MIRA 18:12)



KURILOV, I. P.

B

Production of Hydrogen Sulfide from Pyrite by Means of Steam. I. P. Kurilov and M. M. Makarov. *Journal of Applied Chemistry, U.S.S.R.*, v. 19, no. 1, 1946, p. 71-77.

During the reaction of pyrite with steam at a temperature of 500°-800° C., production of H_2S and SO_2 in the gaseous phase takes place. At temperatures above 600° C. the hydrogen content of the gaseous phase steadily increases. The temperature increase induces a rate increase, but simultaneously the content of H_2S decreases. With increased reaction time, the composition of the gas approaches the equilibrium of the system FeS -steam.

KURILOV, L.

Palace made of earth. Stroitel' no.8:29 Ag '57. (MLRA 10:9)
(Gatchina--Pise)

BAKAKIN, V.P.; BUBOK, K.G.; BUGAREV, L.A.; BUNIN, A.I.; VOROB'YEV, K.V.
DROZDOV, V.V.; DOROKHOV, M.S.; ZUBRILOV, S.V.; IGNAT'YEV, L.A.
KARGOPOLOV, I.G.; KLUSHIN, D.N.; KOMAROV, A.M.; KURILOV, M.S.;
LOMAKO, P.F.; MIKULENKO, A.S.; MIKHAYLOV, M.M.; NEMTINOV, B.A.;
OL'KHOV, N.P.; OSIPOVA, T.V.; PAKHOMOV, Ya.D.; PLAKSIN, I.N.;
PODCHAYNOV, S.F.; PUSTYL'NIK, I.I.; ROZHKOV, I.S.; SAVARI, Ye.A.;
SEMYNIN, A.P.; SPIVAKOV, Ya.N.; STRIGIN, I.A.; SUSHENTSOV, S.N.;
SYCHEV, P.S.; TROITSKIY, A.V.; USHAKOV, K.I.; KHARLAMOV, A.Ye.;
SHEMYAKIN, N.I.

Nikolai Konstantinovich Chaplygin. TSvet. met. 28 no.2:57-58
Mr-Ap '55. (MIRA 10:10)
(Chaplygin, Nikolai Konstantinovich, 1911-1955)

KURILOV, N.

Changes in Transbaikalia. Mast.ugl. 9 no.11:6 N '60. (MIRA 13:12)

1. Trest Zabaykalugol' Chitinskogo sovnarkhoza.
(Transbaikalia--Coal mines and mining)

PAVLOV, I. P.

Horses - physiology

Appraisal of the functional activity of gastric glands in horses using I. P. Pavlov's method. Veterinariia 29 No. 6, 1952

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

[illegible], K. [illegible].

KUZ'MIN, K. V.: "The physiological principles of dietetic feeding of horses". Moscow, 1955. Moscow Veterinary Academy, Min Higher Education USSR. (Dissertations for the Degree of Doctor of Biological Sciences)

SO: Knizhnaya letopis', No. 52, 24 December 1955. Moscow.

KURILOV, M.V.

Clinical investigation of the functional state of the stomach in horses. Veterinariia 32 no.2:53-59 F '55. (MLRA 8:3)

1.Moskovskaya veterinarnaya akademiya.
(STOMACH--EXPLORATION) (HORSES--PHYSIOLOGY)

KURILOV, N.V.

Certain observations following section of the cervical sympathetic nerve in horse. Fiziol.zhur.41 no.5:657-659 S-O '55.(MLRA 8:12)

1. Kafedra fiziologii zhivotnykh Moskovskoy veterinarnoy akademii.
(GANGLIA, AUTONOMIC, physiology,
eff. of resect. of cervical sympathetic ganglion in horse)

Name: KURILOV, Nikolay Vasil'yevich

Dissertation: Physiological bases of the dietary feeding of horses

Degree: Doc Biol Sci

Affiliation: [not indicated]

Defense Date, Place: 24 Jan 56, Council of Moscow Vet Acad

Certification Date: 26 May 56

Source: BMVO 4/57

KROTKOVA, A.P.; KURILOV, N.V.

Modifications of cardiac rhythm. Fiziol.zhur. 42 no.8:648-652 Ag '56.
(MLRA 9:11)

1. Kafedra fiziologii sel'skokhozyaystvennykh zhivotnykh Moskovskoy veterinarnoy akademii.

(HEART, physiology,
rhythm in normal & denervated hearts in dogs exposed to various stimuli (Rus))

USSR/Farm Animals. Rabbits. Q-3

Abs Jour: Ref Zhur - Biol., No. 22, 1958, 101228

Author : Popov, N.F., Kurilov, N.V., Novikov, V.K., Zusman, N.S.

Inst : -

Title : Effects of Hormones Upon the Productivity of Rabbits.

Orig Pub: Vestn. s.-kh. nauki, 1957, No. 2, 115-117

Abstract: Experiments were carried out on 4 groups of rabbits consisting of 8 male and 7 female rabbits in each group. The first group was the control group. The second group received pregnene with their food, the third group were given pregnene with their food and were subcutaneously injected with progesterone, and the

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USSR/Farm Animals. Rabbits. Q-3

Abs Jour: Ref Zhur - Biol., No. 22, 1958, 101228

4th group was subcutaneously injected with progesterone only. These hormones were given in 1 mg daily dosages per animal for a period of one month. In rabbits of the 2nd group, weight increases amounted to 14.8, of the 3rd group to 48.7, and of the 4th group to 19.3 percent. As progesterone was introduced to 15-day-old baby rabbits in a 0.5 mg daily dose per each rabbit, their weight decreased by 23.8 percent as compared with controls during a period of 40 days.

Card 2/2

USSR/Farm Animals. Rabbits. Q-3

Abs Jour: Ref Zhur - Biol., No. 22, 1958, 101230

Author : Popov, N.F., Kurilov, N.V., Novikov, V.K.

Inst : Institute of Rabbit Breeding and Fur Animal Husbandry

Title : Utilizing Diethylstilbestrol for Increasing the Productivity of Rabbits.

Orig Pub: Vestn. s.-kh. nauki, 1957, No. 12, 117-119

Abstract: The Institute of Rabbit Breeding and Fur Animal Husbandry experimented in using diethylstilbestrol (DS) for raising the productivity of rabbits in experiments on 2 groups of young rabbits. For 60 days, 90 g of diethylstilbestrol were given daily with food to each of the animals. After 60 days, test males weighed 31.7 percent

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USSR/Farm Animals. Rabbits. Q-3

Abs Jour: Ref Zhur - Biol., No. 22, 1958, 101230

more than controls, while females weighed 17.7 percent less. All testes of killed test males were 12 times smaller than of controls. Thus, if DS is used for prolonged periods of time, positive effects are achieved in male rabbits.

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USSR/Human and Animal Physiology- (Normal and Pathological). T
Digestion. The Stomach.

Abs Jour : Ref Zhur Biol., no 4, 1959, 17564

Author : Kurilov, N.V.

Inst : Moskow Veterinary Academy.

Title : On the Influence of Nervus Vagus on Secretory and Motor Activity of Stomach of Horse

Orig Pub : Tr. Mosk. vet. akad., 1957, 20, 134-141

Abstract : No abstract.

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KURILOV, N. V.

USSR/Human and Animal Physiology (Normal and Pathological) T
Digestion. The Stomach.

Abs Jour : Ref Zhur Biol., No 6, 1959, 26663

Author : Kurilov, N.V.

Inst : Moscow Veterinary Academy

Title : Physiological Evaluation of Some Procedures of Investigation of Secretory Function of Horse's Stomach in the Clinic (Experimental Investigation).

Orig Pub : Tr. Mosk. vet. akad., 1957, 20, 142-149

Abstract : No abstract.

Card 1/1

USSR / Human and Animal Physiology. Nervous System. T-10

Abs Jour : Ref Zhur - Biologiya, No 1, 1959, No. 3874

Author : Kurilov, N. V.; Krotkova, A. P.
Inst : Moscow Institute of Veterinary Medicine
Title : Conditioned Gastric Secretion Reflex in Horses

Orig Pub : Tr. Mosk. vet. akad., 1957, 20, 150-154

Abstract : In 2 foals, an increase in gastric secretion was observed at the usual time of feeding (time reflex) in response to a mechanical distention of the stomach walls (introduction of 1.5 l of air) and as the result of showing food to hungry animals (manipulations connected with preparation for feeding). According to the author, the contradictory data in literature with respect to the presence of a conditioned gastric secretion reflex in horses should be attributed to errors in the methods of investigation. -- K. S. Ratner

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USSR / Human and Animal Physiology. Digestion, Pancreas. T

Abs Jour : Ref Zhur - Biol., No 15, 1958, No. 70280

Author : Kurilov, N. V.; Obukhov, B. M.
Inst : Moscow Veterinary Academy
Title : Pancreatic Secretion and Bile Secretion in the Horse

Orig Pub : Tr. Mosk. Vet. Akad., 1957, Vol 20, 154-158

Abstract : Description is given of a method of placing a chronic fistula of the pancreatic duct and the bile duct in the horse. For this purpose, a part of the duodenum (D) was isolated, containing the ostia of both ducts. To prevent loss of the pancreatic secretion (PS) and of bile, the isolated portion of the intestine was joined to the remaining intestine by an external anastomosis. Secretion of the PS and of bile in the horse proved to be continuous and increased during feeding. Maximum secretion of the PS was induced by the feeding of wheat bran. Introduction

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USSR / Human and Animal Physiology. Digestion, Pancreas. T

Abs Jour : Ref Zhur - Biol., No 15, 1958, No. 70280

of solutions of HCl into the duodenum caused a considerable increase in the secretion of PS in the first 15 minutes.

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USSR/Farm Animals. Horses. C

Abs Jour: Ref Zhur-Biol., No 20, 1958, 92553.

pancreatic juice and bile varies depending on the feed. A peculiarity of gastric juice secretion in horses is its continuity. An increase in the gustatory qualities of feed through the addition of flavoring substances (bran, travertine, table salt, cottonseed cake and Carlsbad salt) increases the secretion of saliva and gastric juice. Bitter vegetable substances (wormwood and calamus roots) when added to feed increase the secretion of gastric juice, but when these bitter substances are given in boluses, they do not cause an increase in secretion. During work the secretion of gastric juice is lowered, but it is restored rapidly to normal when the work ceases. It was established that the first phase of secretion of gastric juice in horses represents a complex reflex act, consisting of

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USSR/Farm Animals. Horses. Q

Abs Jour: Ref Zhur-Biol., No 20, 1958, 92558.

conditioned-reflex and reflex components. Various extraneous stimulants bring about in horses a sharp decrease in the secretion of saliva and gastric juice produced by the feed stimulant. -- A.D. Mushin.

Card : 3/3

KURILOV, N.V.

GORSHKOV, Yu.I.; KURILOV, N.V.

Some peculiarities of the biological action of X rays. Veterinariia 35 no.1:82-86 Ja '58. (MIRA 11:2)

1. Moskovskaya veterinarnaya akademiya (for Gorshkov). 2. Nauchno-issledovatel'skiy institut krolikovodstva i pushnogo zverovodstva (for Kurilov).

(X rays--Physiological effect)

KURILOV, N.V., OBUKHOV, B.M.

Studies on pancreatic and bile secretion with the aid of chronic fistula in horses. Biul.eksp.biol. i med. 46 no.7:107-110 Je '58 (MIRA 11:7)

1. Iz kafedry fiziologii zhivotnykh (zav.-chlen-korrespondent Vsesoyuznoy akademii sel'skokhozyaystvennykh nauk im. V.I. Lenina N.F. Popov) Moskovskoy veterinarnoy akademii. Predstavlena chlenom-korrespondentom AMN SSSR V.N. Chernigovskim.

(PANCREATIC DUCTS, physiology
exam. through artif. fistula in horses (Rus))
(BILE DUCTS, physiology
same (Rus))

MINENKO, V.A., inzh.; KURILOV, P.G., inzh.

Efficiency in the production of foundry iron by refining in the ladle. Met. i gornorud. prom. no.4:67-69 Jl-Ag '63. (MIRA 16:11)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut organizatsii proizvodstva i truda chernoy metallurgii.

MINENKO, V.A.; ALEKSANDROV, A.A.; SVETS, V.Ye.; BORZENKO, V.P.; KURILOV, P.G.; KHAZANOVICH, M.L.; Prinimali uchastiye: POPOV, A.I.; KONOVALOV, A.N.; TERTYCHNAYA, I.Yu.; POSHKREBNEV, V.P.; DMITRIYEVA, S.M.; KORNILOVA, A.V.

Work organization in the section, of metal feed to blooming mills. Met. i gornorud. prom. no.2:67-68 Mr-Ap '64. (MIRA 17:9)

MINENKO, V.A.; ZEYGHEV, G.P.; KURILOV, P.G.; VERZHIKOVSKAYA, L.G.; VASIL'YEVA, S.M.; POSHKREBNEV, V.A.

Potentialities for increasing the output of open-hearth furnace plants now in operation. Stal' 23 [i.e. 24] no.4: 309-313 Ap '64. (MIRA 17:8)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut organizatsii proizvodstva i truda chernoy metallurgii.

KURILOV, P.S.

Forms of the deposition of snow in central Carpatho-Ukraine.
Dop. ta pov. L'viv. un. no.5:pt.2:56-58 '55. (MLRA 9:10)

(Carpathian Mountains--Snow)

KURILOV, P.S.

Torrential floods in the Prut River basin. Dop. ta pov. L'viv. un. no.5 pt.2:58-60 '55. (MLRA 9:10)

(Prut River--floods)

KURILOV, P.S.

Formation of stream flow on the eastern slope of the Soviet Carpathians. Dop. ta pov. L'viv.un. no.6 pt.2:5-6 '55.
(MLRA 10:3)

(Carpathian Mountains--Runoff)

KURILOV, P.S.

Main features in the hydrological conditions of the rivers in the Ukrainian Carpathian Mountain. Dop. ta pov. L'viv. un. no.7 pt.3: 15-16 '57. (MIRA 11:2)

(Carpathian Mountain region--Rivers)

KURILOV, P.S.

Some observations on the snow cover in the Carpathian Mountains during the winter 1955/56. Dop. ta pov. L'viv un. no.7 pt.3: 18-19 '57. (MIRA 11:2)
(Carpathian Mountain region--Snow)

KURILOV, P.S.

Some characteristics of the physiological features in Red Steppe and Kostroma cattle under various type of feeding. Dokl. Akad. sel'khoz. nauk no.10:29-31 O '65.
(MIRA 18:12)

1. Donskoy sel'skokhozyaystvennyy institut.

KURILOV, S. G.

Fisheries - Accounting

Means of calculating economy or excessive depreciation in fishing equipment by brigades., Ryb. khoz., 28, no. 2, 1952.

Monthly List of Russian Accessions, Library of Congress, May 1952. UNCLASS.

KURILOV, S. G.

Fisheries - Accounting

Accounting in the fish industry is insufficient for present day needs. Ryb. khoz. 28, No. 6, 1952.

MONTHLY LIST OF RUSSIAN ACCESSIONS, LIBRARY OF CONGRESS OCTOBER 1952. Unclassified

KURILOV, V.

EXCERPTA MEDICA Sec.2 Vol.9/7 Physiology July 56

3122. KURILOV V. Chair of animal Physiol., veter. Acad. of Moscow. *Some observations after section of the cervical sympathetic chain in the horse FIZIOL. Z. 1955, 41/5 (657-659) (Russian text)

After unilateral section of the cervical sympathetic chain in the horse, on the operated side of the head the temperature increases (most pronounced in the ear with a temperature difference to the normal side of 3 to 6° C.), the sweat secretion increases by about 50%, hyperaemia of the conjuctiva develops and the pupil is narrowed. These changes are still pronounced 24 hr. after the operation, but gradually decrease during the following 20 days. Simonson - Minneapolis, Minn.

KURILOV, V.A.

Exploitation of tank farms. Neft. khoz. 36 no.6:60-62 Je '58.
(MIRA 11:9)

(Petroleum--Storage)

39160
S/120/62/000/003/026/048
E032/E114

9.6150

AUTHOR: Kurilov, V.A.

TITLE: A small electrometer with sub-miniature tubes

PERIODICAL: Pribory i tekhnika eksperimenta, no.3, 1962, 109-112

TEXT: A description is given of a three-range battery-operated d.c. amplifier designed for measuring currents of positively charged particles in the range 10^{-9} to 10^{-12} A. The accuracy at a time constant of 0.1 sec is about 5%. There are three sub-ranges (10^{-12}-10^{-11}, 10^{-11}-10^{-10}, and 10^{-10}-10^{-9}). The zero drift does not exceed 2 millivolts per hour. The overall dimensions are 40 x 110 x 128 mm^3, the weight is 1.4 kg and the power consumption is 300 mW. There are four stages with an electrometric input (2.2×10^{10} ohm, 2.2×10^9 ohm, and 2.2×10^8 ohm) and 100% negative feedback. The circuit diagram is shown in Fig.1. The above circuits are supplied by batteries containing 50 mercury oxide [illegible]-1K (OR-1K) elements, 1.25 V each. The filaments are supplied by four such elements.

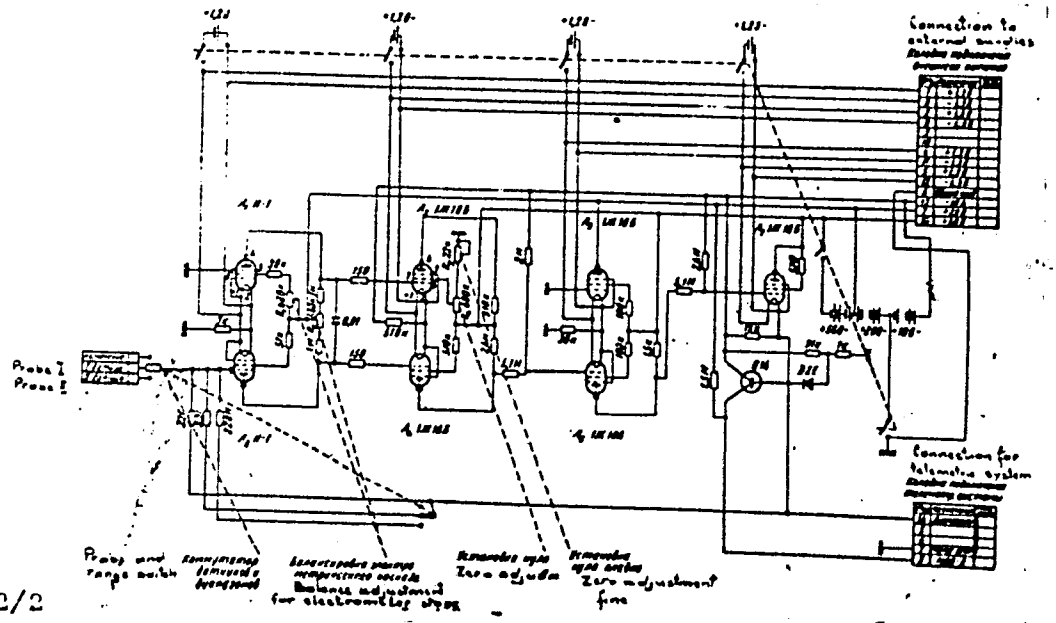
There are 2 figures and 2 tables.

Card 1/2 SUBMITTED: October 30, 1961.

A small electrometer with ...

S/120/62/000/003/026/048
E032/E114

Fig.1



Card 2/2

X Fig 1. attached hereto

KURILOV, V.A.

Small-size electrometer with subminiature tubes. Prib. i tekh. eksp. 7 no.3:109-112 My-Je '62. (MIRA 16:7)
(Electrometer)

KURILOV, V. I.

23238. Zavod ivtorfmash uluchshayet kachestvo mashin. Torf. Prom - St', 1949 No. 7, c. 4-6

SO: LETOPIS' NO. 31, 1949

BALASHOV, K.K.; KURILOV, V.V.

Electric transformers with aluminum windings and increased overload rating. Izv. vys. ucheb. zav.; elektromekh. 5 no.2: 168-176 '62. (MIRA 15:3)

(Electric transformers)

KURILOV, Ya.P.

Lower Pliocene mountain goat in the Crimea. Priroda 48 no.5:119 My '59. (MIRA 12:5)

1.Institut mineral'nykh resursov AN USSR, Simferopol'.
(Crimea--Goats, Fossil)

SOV/26-59-5-39/47

30(2)

AUTHOR: Kurilov, Ya.P.

TITLE: A Mountain Goat From the Lower Pliocene in the Crimea

PERIODICAL: Priroda, 1959, Nr 5, p 119 (USSR)

ABSTRACT: The author reports the discovery, in December 1957, of animal bones and a skull (260 mm long), which were given to the Institut arkheologii AN UkrSSR (The Archaeological Institute of the Academy of Sciences of the Ukrainian SSR) and from there passed on to Prof. V.V. Bogachev of the Institute of Mineral Resources of the AS of the UkrSSR. The discovery was made by V.K. Lisevich near Simferopol' at a depth of about 6 m of sand. The bones were identified by Prof. V.V. Bogachev as probably belonging to a giant mountain goat, which has not been described yet, and which, in pre-historic times, apparently inhabited the mountain belt extending from the Mediterranean to Central Asia. These

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A Mountain Goat From the Lower Pliocene in the Crimea

bones resembled (but were much larger) those described in 1903 by M.V. Pavlova as Capra (Ibex) cf. cebennarum Gew. from Krivaya Balka near Odessa. This and other evidence (such as the discovery of a skull of Hipparion gracile Kair /Cairo ?) in the author's opinion sustains the theory of an elevated land, Pontida, which is supposed to have occupied the area of the present Black Sea, this ground having subsided below the sea level in the Post-Pliocene epoch. There is 1 photograph and 1 Soviet reference.

ASSOCIATION: Institut mineral'nykh resursov AN UkrSSR (Simferopol') (The Institute of Mineral Resources of the AS Ukrainian SSR) (Simferopol')

KURILOV, Ye.N.; DROGOMYZHSKAYA, M.N.

Effect of the strip inductance on frequency errors of rectifying devices. Izm.tekh. no.3:25-29 Mr '60. (MIRA 13:6)
(Electric current rectifiers)