VISHNEVSKAYA, V., kand.iskusstvovedeniya

Put them on the market. Mest.prom.i khud.promys. 3 no.12:38-39 D '62. (MIRA 16:2)
(Art industries--Exhibitions)

VISHNEVSKAYA, V., kand.iskusstvovedeniya

Ancient and everlasting. Mest.prom. i khud.promys. 1 no.1:17-18 O '60. (MIRA 14:3)
(Woodwork) (Art industries--Exhibitions)

VISHNEVSKAYA, V., kand.iskusstvovedeniya

On their stands are articles manufactured by the artels of Moscow Province. Prom.koop. 14 no.1:29-30 Ja '60. (MIRA 13:5)
(Moscow Province--Art industries)

VISHNEVSKAYA, V., kand.iskusstvovedcheskikh nauk (g.Gorodets, Gor'kovskoy oblasti)

A great goal. Prom.koop.13 no.6:33 Je '59. (MIRA 12:9)
(Gorodets--Art industries)

VISHNEVSKAYA, V., kand. iskusstvoveneniya, starshiy nauchnyy rabotnik (Moskva)

Developing glorious traditions. Prom.koop. 13 no.1:31-32 Ja '59. (MIRA 12:2)

1. Nauchno-issledovatel'skiy institut khudozhestvennoy promyshlennosti. (Art industries)

VISHNEVSKAYA, V.D. (Kuybyshev)

Therapeutic consultation for patients with osteoarticular tuberculosis in the district of Kuibyshev Province. Sovet. zdravookhr. 5:48-49 '63 (MIRA 17:2)

1. Iz Kuybyshevskogo oblastnogo protivotuberkuleznogo dispansera (glavnyy vrach T.I.Murashko).

VISHNEVSKAYA, V. D.

Analysis of patients with spinal tuberculosis in Kuybyshev Province in 1958-1959. Probl. tub. 40 no.5:112-15 '62. (MIRA 15:7)

1. Iz Kuybyshevskogo otlastnogo protivotuberkuleznogo dispansera glavnyy vrach - zasluzhennyy vrach RSFSR A. S. Lotsmanov)

(KUYBYSHEV PROVINCE--SPINE--TUBERCULOSIS)

POLYANSKIY N.G.; VISHNEVSKAYA, V.I.; RODIONOVA, A.P.

Complexonometric determination of the value of the exchange capacity of sulfonated cationites. Izv.vys.ucheb.zav.; khim.i khim tekh. 3 no.1:96-98 '60. (MIRA 13:6)

1. Kafedra yestestvoznaniya Daugavpolsskogo gosudarstvennogo pedagogicheskogo instituta.
(Ion exchange)

POLYANSKIY, N.G.; VISHNEVSKAYA, V.I.; MIZH-MISHIN, Yu.M.

Thermal stability of the sulfonaphthalene formaldehyde resin KU-5. Vysokom.soed. 1 no.8:1249-1257 Ag '59. (MIRA 13:2)

1. Daugavpilsskiy gosudarstvennyy pedagogicheskiy institut.
(Gums and resins, Synthetic--Thermal properties)

VISHNEVSKAYA, Valentina Vasil'yevna; SRAPIONOV, Onik Sergeyevich; BOGACHEVA, Galina Vasil'yevna; KAZ'MINA, R.A., red.; SLUTSKIN, A.A., tekhn. red.

[Economics and planning in telecommunication] Ekonomika i planirovanie sviazi. Moskva, Sviaz'izdat, 1963. 287 p. (MIRA 16:6)

(Telecommunication)

BULATOV, P.K., prof.; VISHNEVSKAYA, Ya.N., dots.

Organization of instruction in the sixth course of the Hospital Therapy Department of the First Leningrad Medical Institute. Zdrav. Ros. Feder. 3 no.4:28-30 Ap '59. (MIRA 12:4)

1. Iz kafedry gospital'noy terapii (zav. - prof. P.K. Bulatov) I Leningradskogo meditsinskogo instituta imeni I.P. Pavlova (Dir. - dots. A.I. Ivanov)
(LENINGRAD--MEDICINE--STUDY AND TEACHING)

CHERNORUTSKIY, M.V., prof.;: VISHNEVSKAYA, Ya.N., dotsent

Letter to the editor. Klin.med. 35 no.7:158 Jl '57. (MIRA 10:11)

1. Predsedatel' kafedral'nogo soveshchaniya gospital'noy terapevticheskoy kliniki (zav. klinikoy prof. M.V.Chernorutskiy) I Leningradskogo meditsinskogo instituta imeni akademika I.P.Pavlova (for Chernorutskiy). 2. Sekretar' kafedral'nogo soveshchaniya gospital'noy terapevticheskoy kliniki (zav. klinikoy prof. M.V.Chernorutskiy) I Leningradskogo meditsinskogo instituta imeni akademika I.P.Pavlova (for Vishnevskaya)

(ASTHMA)

BULATOV, P.K., red.; VISHNEVSKAYA, Ya.N., red.

[Rheumatism; collection of scientific works] Revmatizm; sbornik nauchnykh trudov. Leningra , 1961. 426 p. (MIRA 17:4)

1. Leningrad. Pervyy Leningradskiy meditsinskiy institut. Gospital'naya terapevticheskaya klinika.

Vishnevskaya, Ye.P.

PAKHOMYCHEV, A.I., prof.; CHERKASOV, Ye.F., dots.; BEREZINA, T.A., assistent,; VISHNEVSKAYA, Ye.P., assistent,; DANILEVSKAYA, A.A., assistent,; SARKISYANTS, E.E., assistent,; KOZLOVA, T.A., assistent,; VOROB'YEVA, R.S., assistent.; URAZAYEV, N.M., red.; LYUDKOVSKAYA, N.I., tekhn. red.

[Methods of teaching hygiene in medical and pediatric departments of institutes of medicine] Metodika prepodavaniia gigieny na lechebnom i pediatricheskom fakul'tetakh meditsinskikh institutov. Moskva, Gos. izd-vo med. lit-ry, 1958. 142 p. (MIRA 11:12)
(HYGIENE--STUDY AND TEACHING)

PAKHOMYCHEV, A.I., prof. [deceased]; CHERKASOV, Ye.F., dotsent; VISHNEVSKAYA, Ye.P., dotsent

"Practical manual on general hygiene" by I.I.Beliaev, P.A.Zologov. Reviewed by A.I.Pakhomychev, E.F.Cherkasov, E.P.Visnevskaia. Gig.i san. 25 no.9:124-127 S '60. (MIRA 13:9)
(PUBLIC HEALTH) (BELIAEV, I.I.)
(ZOLOTOV, P.A.)

VISHNEVSKAYA, Ye.P., kand.med.nauk

Work hygiene in turbine sections of thermal electric power plants. Elek. sta. 31 no.3:36-38 Mr '60. (MIRA 13:8)
(Electric power plants--Hygienic aspects)

VLADIMIROVA, Ye. I.

"Data on the Characteristics of Cadmium as an Industrial Poison." Thesis for degree of Cand. Medical Sci. Sub. 17 Apr 50, First Moscow Order of Lenin Medical Inst.

Summary 71, 4 Sep 52. Dissertations Presented for Degrees in Science and Engineering in Moscow in 1950. From Vechernyaya Moskva, Jan-Dec 1950

VISHNEVSKAYA, Ye. P. Cand. Med. Sci.

Dissertation: "Data on Characteristic of Cadmium as an Industrial Poison."

17/4/50
First Moscow Order of Lenin Medical Inst.

SO Vecheryaya Moskva
Sum 71

VISHNEVSKAYA, Ye.P., kand.med.nauk

Hygienic evaluation of working conditions in turbine departments of thermal power plants. Gig.i san. 25 no.2:18-23 F '60. (MIRA 13:6)

1. Iz kafedry obshchey gigiyeny I Moskovskogo ordena Lenina meditsinskogo instituta imeni I.M. Sechenova.
(INDUSTRIAL MEDICINE)

VISHNEVSKAYA, Ye.Ye., akusher-ginekolog

Prevention of gynecological diseases among workers of the Gomel' Glass Factory. Zdrav. Bel. 6 no.11:50-51 N '60. (MIRA 13:12)

1. Iz medsanchasti Gomel'skogo steklozavoda imeni Stalina (glavnyy vrach K.P. Grishenkova).
(GOMEL'—GLASSWORKERS—DISEASES AND HYGIENE)
(GENERATIVE ORGANS, FEMALE—DISEASES)

VISHNEVSKAYA, Ye.S.

Role of the reflex factor in the mechanism of action of electric sleep. Trudy 1-go MMI 25:399-406 '63. (MIRA 17:12)

1. Kafedra psikhiatrii 1-go Moskovskogo ordena Lenina meditsinskogo instituta I.M.Sechenova (zav. kafedroy prof. V.M.Banshchikov).

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15

Cadmium as an industrial poison. E. P. Vishnevskaya (1st Med. Inst., Moscow). *Gigiena i Sanit.* 1951, No. 2, 31–4.—Cd aerosol can cause chronic or acute intoxications. The effect is general toxicity, especially noted in early stages in the respiratory system. The LD_{50} for mice is 0.045 mg./l. in the air; 0.03 mg./l. is apparently a threshold concn. Much lower concns. are advised for the normal levels in industry. G. M. Kosolapoff

VISHNEVSKAYA, E.P.

Cadmium as an industrial poison. Gig.sanit.,Moskva No.2:31-34 Feb 51. (CLML 20:6)

1. Of the Department of Labor Hygiene, First Moscow Order of Lenin Medical Institute.

VISHNEVSKAYA, Yu.S., kand.med.nauk

Change in the protein fractions of the blood serum in chronic infectious hepatitis under the influence of compound treatment at Zheleznovodsk health resort. Uch.zap.Pyat.gos.nauch.-issl.bal'n. inst. 3:132-138 '60. (MIRA 15:10)

(BLOOD PROTEINS)
(ZHELEZNOVODSK--HEALTH RESORTS, WATERING-PLACES, ETC.)
(HEAPATITIS, INFECTIOUS)

VISHNEVSKAYA, M.A.

Connector for two-lumen intubation tubes. Eksper.khir. i anest. no.2:84-86:63. (MIRA 16:7)

1. Iz kliniki fakul'tetskoy khirurgii (zav.-prof. I.S.Zhorov) sanitarno-gigiyenicheskogo fakul'teta I Moskovskogo ordena Lenina meditsinskogo instituta imeni I.M.Sechenova.
(LUNGS—SURGERY) (TRACHEA—INTUBATION)

VISHNEVSKAYA, Yu.S., kand.med.nauk; BORISOVA, A.T., vrach

Diet regime based on data from a clinical sanatorium in Zheleznovodsk. Uch.zap.Pyat.gos.nauch.-issl.bal'n.inst. 3:201-211 '60. (MIRA 15:10)

(ZHELEZNOVODSK--DIET IN DISEASE)

VISHNEVSKAYA, Yu.S.

Changes in the assimilation of proteins, fats and carbohydrates in patients with peptic ulcers following gastrotomy and treatment at Yessentuki. Vop. kur., fizioter. i lech. fiz. kul't. 22 no.1:3-8 Ja-F '57 (MLRA 10:4)

1. Iz Yessentukskoy kliniki Bal'neologicheskogo instituta na Kavkazskikh Mineral'nykh Vodakh (dir.-dotsent I.S. Savochchenko)
(PEPTIC ULCER) (STOMACH--SURGERY)
(YESSENTUKI--BATHS, MOOR AND MUD)

VISHNEVSKAYA, Yu. S.

Curing patients suffering from chronic cholecystitis with a diet enriched with magnesium, vitamins, and plant cellulose. A. M. Gegtiler, Yu. S. Vishnevskaya, L. A. Makarova, N. M. Prokopchuk, A. A. Gyandzhetsyan, and V. A. Panova (Babiced. Health Inst. Resorts Nos. 1, 5, and 7, Evpatoriki, U.S.S.R.). *Voprosy Pitaniya* 14, No. 1, 17-23 (1955).--Results of dietary therapy on 200 patients suffering for varying lengths of time from chronic cholecystitis. The diet, which consisted of 22 different foods, was enriched with plant cellulose, Mg, vitamin C, and the vitamins of group B, and compared with the diet normally used in the case. Application of the Mg-rich diet showed highly desirable effects on the functional state of the nervous system, hypercholesterolemia, and the intestinal activity of the patients. The level of Mg in blood of the patients receiving the diet was increased by 0.3-0.6 mg. %; a parallelism was observed between the Mg level of blood and the therapeutic effect of the diet. E. Wierbicki

VISHNEVSKAYA, Z.A.

Species of aquatic fungi unnoticed previously in Leningrad Province (De fungis aquaticis ante in regione Leningradensis non inventis). Bot.mat.Otd.spor.rast. 10:144-150 Ja '55. (MLRA 8:7)
(Leningrad Province--Fungi)

VISHNEVSKAYA, Z.A.

New species of fungi on Physocarpus opulifolius (L.) Max.
(Species novae fungorum in Physocarpo opulifolio (L.) Max.).
Bot.mat.Otd.spor.rast. 10:164-166 Ja '55. (MLRA 8:7)
(Fungi) (Ninebark--Diseases and pests)

PINSKAYA, R.M.; BASHTA, A.S., EPSHTEYN, P.D.; ROSLIK, S.M.; ARENZON, P.Ya.; KORSUNSKYA, R.M.; VASINA, I.N.; CHEKRYGINA, N.I.; VISHNEVSKAYA, Z.Ya.; KUL'CHITSKAYA, I.Ya.

Treatment of patients with tuberculous meningitis without subarachnoid administration of antibacterial preparations. Probl.tub. 38 no.1:60-67 '60. (MIRA 13:10)
(MENINGES—TUBERCULOSIS)

VISHNEVSKIY, Aleksandr tveyevich; VASILENKO, V.P., red.

[New methods of preparing ores for smelting] Novye sposoby podgotovki rud k plavke. Donets, Donetskoe knizhnoe izd-vo, 1962. 34 p. (MIRA 17:7)

VISHNEVSKIY, A.

Electronic calculating techniques in design. Na stroi.Ros. 3 no.9:25-27 S '62. (MIRA 15:12)

1. Chlen-korrespondent Akademii stroitel'stva i arkhitektury SSSR.
(Architecture—Designs and plans)
(Electronic calculating machines)

BARDIN, I.; BELAN, R.; BEKHTIN, N.; BOYKO, V.; BORISOV, A.; BYCHKOV, V.; VASILENKO, S.; VINOGRADOV, V.; VISHNEVSKIY, A.; VODNEV, G.; DVORIN, S.; DZHAPARIDZE, Ye.; DIDENKO, V.; D'YAKONOV, N.; ZHURAVLEV, S.; ZAKHAROV, A.; IVANOV, I.; KIRSANOV, M.; KOLYADA, G.; KOROBOV, P.; LESKOV, A.; LUKICH, L.; LYUBIMOV, A.; MELESHKIN, S.; MYRTSYMOV, A.; PERTSEV, M.; PETRUSHA, F.; PITERSKIY, A.; POPOV, I.; RAYZER, D.; ROZHKOV, A.; SAPOZHNIKOV, L.; SEDOY, P.; SOKOLOV, P.; TEVOSYAN, I.; TIKHONOV, N.; TISHCHENKO, S.; FILIPPOV, B.; FOMENKO, N.; SHELKOV, A.; SHEREMET'YEV, A.

Fedor Aleksandrovich Merkulov. Koks i khim.no.7:62 '56. (MLRA 9:12)
(Merkulov, Fedor Aleksandrovich, 1900-1956)

VISHNEVSKIY, A.

Where to begin? Radio no.10:63-64 O '53. (MLRA 6:10)
(Radio--Amateurs' manuals)

VISHNEVSKIY, A.; SHAMSHUR, V.I., redaktor; KARYAKINA, M.S., tekhnicheskiy redaktor

[Radio receiver for young tourists] Radiopriemnik iunogo turista. Moskva, Izd-vo DOSAAF, 1954. 47 p. [Microfilm] (MLRA 8:2)
(Radio--Receivers and reception)

KHASANOV, Abduvakhid; VISHNEVSKIY, Aleksandr; GLUKHOVSKIY, A., red.; POLTORAK, I., tekhn.red.

[Stalinabad, the capital of the Tajik S.S.R.; historical essay] Stalinabad - stolitsa Tadzhikskoi SSR; istoricheskii ocherk. Stalinabad, Tadzhikgosizdat, 1959. 347 p. (MIRA 12:9)
(Stalinabad--Description)

ANDRUSENKO, N.I.; VISHNEVSKIY, A.A.

Efficient use of Iceland spar. Trudy VNIIP [MS] 3 no.2:81-88 '60. (MIRA 14:4)

(Iceland spar)

VISHNEVSKIY, A.A.; BRAYNES, S.N.; SHRAYBER, M.I.; BRAILOVSKIY, V.L.; KUCHINA, Ye.V.; PANOVA, Yu.M.

Cybernetic method of determining the severity of the condition and prognosis in burns. Eksper. khir. i anest. 8 no.4:3-6 Jl-Ag '63. (MIRA 17:5)

1. Institut khirurgii imeni A.V. Vishnevskogo (direktor-deystvitel'nyy chlen AMN SSSR prof. A.A. Vishnevskiy) AMN SSSR.

VISHNEVSKII, A.

Nekotorye voprosy ekonomiki vozdushnykh pochtovykh soobshchenii. [Some economic questions of air mail service]. (Vestnik sviazi. Pochta, 1947, no. 3, p. 18-19). DLC: HE7.V44

SO: SOVIET TRANSPORTATION AND COMMUNICATIONS, A BIBLIOGRAPHY, Library of Congress Reference Department, Washington, 1952, Unclassified.

VISHNEVSKIY, A A

Organizatsiya i planirovaniye sovetskoy svyazi (Organization and planning of Soviet communications by) A. A. Vishnevskiy i F. Yu Krupyanskiy. Moskva, Svyazizdat, 1952. 458 p. diagrs., tables.

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VISHNEVSKIY, ALEKSANDR APOLLINAR'YEVICH

OSNOVNYYE FONDY SVYAZI I IKH ISPOL'ZOVANIYE (WORKING RESERVES OF THE COMMUNICATIONS SERVICES AND THEIR USE) MOSKVA, SVYAZ'IZDAT, 1956.

43 P. TABLES (LEKTSII PO EKONOMIKE SVYAZI)

AT HEAD OF TITLE: RUSSIA. MINISTERSTVO SVYAZI SOYUZA. TEKHNICHESKOYE UPRAVLENIYE.

VISHNEVSKIY, A.A., doktor ekonomicheskikh nauk, professor.

Basic principles and methods of determining the economic efficiency of new techniques in the communications industry. Vest.sviazi 17 no.1:16-18 Ja '57. (MLRA 10:2)

1. Moskovskiy elektrotekhnicheskiy institut svyazi.
(Telecommunication)

VISHNEVSKIY, A.A., doktor ekonomicheskikh nauk, professor.

Basic principles and methods of determining the economic effictiveness of new technology in communications. Vest.sviazi 17 no.2:11-13 F '57. (MLRA 10:3)

1. Moskovskiy elektrotekhnicheskiy institut svyazi.
(Telecommunication)

VISHNEVSKIY, Aleksandr Apollinar'yevich, prof., doktor ekon.nauk;
KOKOSHKO, A.G., red.; KOSACHEV, V.M., red.

[Development of telecommunication in the U.S.S.R.] Razvitie sviazi v SSSR. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1960. 69 p. (MIRA 13:12)
(Telecommunication)

VISHNEVSKIY, A.A., doktor ekonom. nauk, prof.; PODGORODETSKIY, I.A., prof.; SERGEYCHUK, K.Ya., kand. tekhn. nauk; SOLOVEYCHIK, L.M., kand. ekonom.nauk; TOCHIL'NIKOV, G.M., kand. ekonom. nauk; SHEYN, P.A., prepodavatel'; TRIFONOV, V.I., red.; ROMANOVA, S.F., tekhn. red.

[Economics of the comunication system] Ekonomika sviazi. Moskva, Gos. izd-vo lit-ry po voprosam sviazi i radio, 1961. 279 p. (MIRA 14:8)

(Communication and traffic)

ACCESSION NR: AP4012879 S/0248/64/000/002/0042/0049

AUTHOR: Vishnevskiy, A. A.; Artobolevskiy, I. I.; Bykhovskiy, M. L.

TITLE: Design principles of diagnostic machines

SOURCE: AMN SSSR. Vestnik, no. 2, 1964, 42-49

TOPIC TAGS: electronic computer, URAL-2 electronic computer, diagnostic system, computer memory, logic system, congenital heart defect, case history punched card, deterministic logic, probability logic, disease diagnostic system, diagnostic system possible application, heart catherization, case history standardization

ABSTRACT: A diagnostic system based on electronic computer URAL-2 has been developed by the cybernetics laboratory of the reporting association. This system is applicable to any disease and consists of a memory of accumulated medical experience and a logic system which compares the symptoms of a given patient with symptoms and syndromes in the memory. Congenital heart defects are used as an example. Two hundred symptoms and the 50 most common surgically correctable anomalies are stored in the memory. A punched card is prepared for

Card 1/3

ACCESSION NR: AP4012879

each case history showing symptoms and their frequency. To establish a diagnosis, the card is fed to the computer and the symptoms are compared with the information in the computer memory. If the symptoms coincide with syndromes in the memory, the computer gives the disease name as the diagnosis. If the symptoms do not coincide with any syndromes, then each symptom is compared with the 200 symptoms in the memory. All impossible diseases are eliminated leaving 5-6 possibilities. The correct diagnosis is then found by probability logic with mathematical conversions of the relative weight and frequency of each symptom. Diagnoses for 200 cases over the past 2 yrs have been 80-90% correct depending on type of congenital heart defect. This diagnostic system is a dynamic process with the computer indicating when additional data is needed. The patient is subjected to fewer tests and the computer can make the final diagnoses in cases which ordinarily would require heart catherization. This diagnostic system is applicable to any disease and can also be used for prognosis in serious traumatic injuries. Orig. art. has: 1 table and 2 figures.

ASSOCIATION: Institut khirurgii im. A. V. Vishnevskogo AMN SSSR, Moscow (Institute of Surgery, AMN SSSR)

ACCESSION NR: AP4012879

SUBMITTED: 00 DATE ACQ: 02Mar64 ENCL: 00

SUB CODE: AM NO REF SOV: 000 OTHER: 000

Card 3/3

VISHNEVSKIY, A. L. Cand Tech Sci — (diss) "Investigation of the Use of Power Equations of the Type, $y=[4x(1-x)]^m$, for Calculations and Reproduction of the Surfaces of Aircraft Assemblies," Kazan', 1960, 16 pp, 150 copies (Kazan' Aviation Institute) (KL, 47/60, 102)

VISHNEVSKIY, A.N.; TABUNOV, S.M.

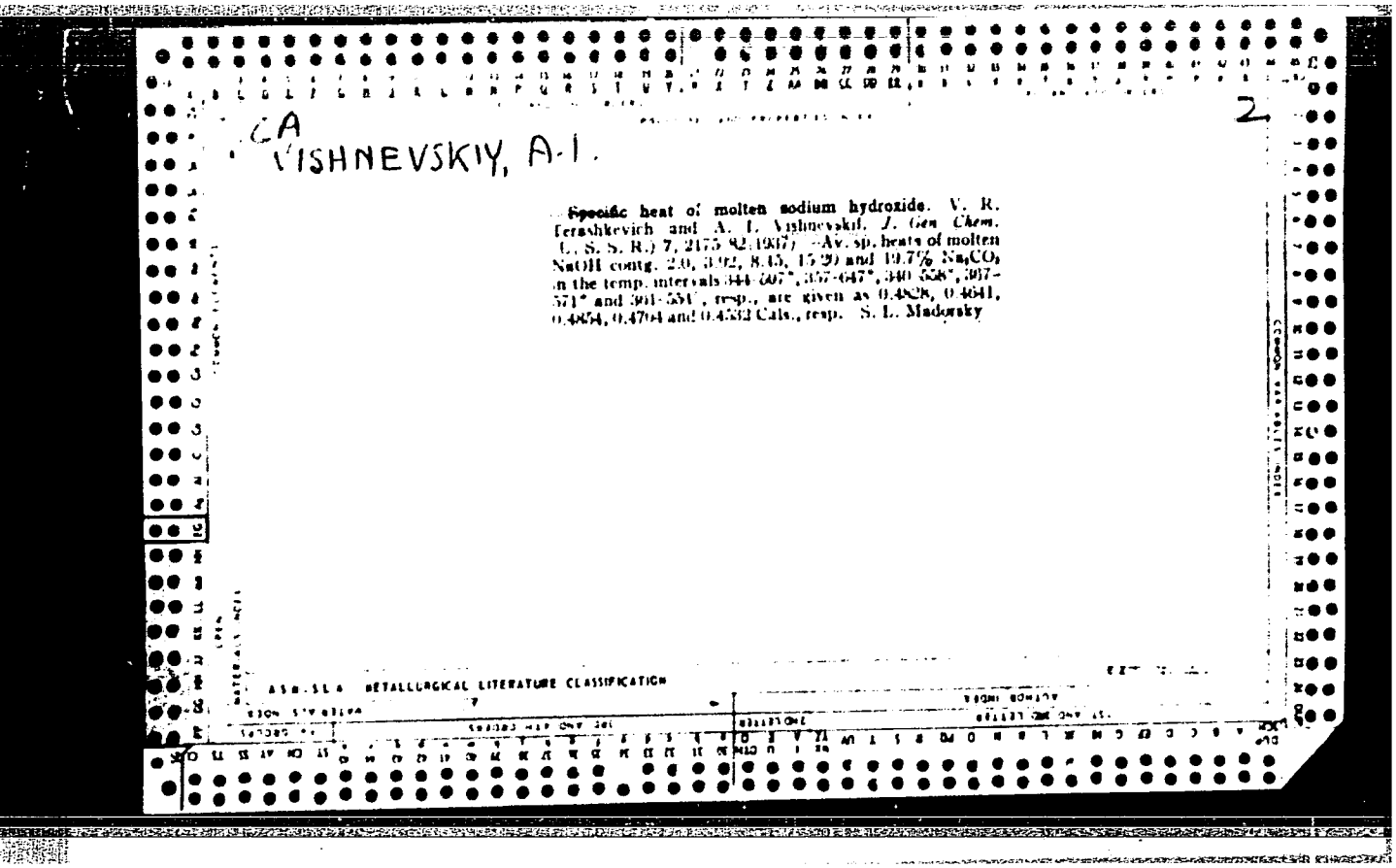
Mineralogy and petrography of some nodules found in kimberlites of the southern part of the central Olenek area. Trudy NIIGA 107: 51-59 '59 (MIRA 13:3)
(Chomurdaakh Valley--Kimberlite)

VISHNEPOL'SKIY, A. B., Cand Med Sci (diss) - "The baroreceptor systems of the nasal cavity and their effect on respiration in philogeny". Karaganda, 1958. 13 pp (Karaganda Med Inst), 200 copies (KL, No 13, 1960, 122)

VISHNEVSKIY, A.B., inzh., red.; MUNIN, A.P., red. izd-va; TSYYKERMAN, tekhn. red.

[Provisional instructions for designing large-scale shore protective works] Vremennaia instruktsiia po proektirovaniiu morskikh ograditel'nykh sooruzhenii iz massivov-gigantov. (VL-1-57/MS RSFSR). Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1958. 27 p. (MIRA 11:7)

1. Russia (1917- R.S.F.S.R.) Ministerstvo stroitel'stva. (Shore protection) (Breakwaters)



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VISHNEVSKIY, A.I.

2

Specific heat of molten sodium hydroxide. V. R. Ferashkevich and A. I. Vishnevskii. *J. Gen. Chem. U. S. S. R.*) 7, 2175-82 (1937). —Av. sp. heats of molten NaOH contg. 2.0, 3.92, 8.45, 15.29 and 19.7% Na_2CO_3 in the temp. intervals 344-607°, 357-647°, 340-558°, 397-571° and 391-551°, resp., are given as 0.4328, 0.4641, 0.4654, 0.4704 and 0.4532 Cals., resp. S. L. Madorsky

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

VISHNEVSKIY, A. I.

Vishnevskiy, A. I. "Pressure in the metallic mercury-arc rectifiers when under an airflow," Izvestiya Kiyevsk. politekhn. in-ta, Vol VIII, 1948 (on cover: 1949), p. 35-47, - Bibliog:5 items

SO: U-5241,17 December 1953, (Letopis 'Zhurnal 'nykh Statey, No. 26, 1949)

VISHNEVSKIY, A.I.; MIKSHTA, V.I.; SEVAST'YANOV, N.S.; FAYN, A.P.; LISTOV, I.V., red.; OS'KIN, V.A., tekhn. red.

[Creative cooperation]Tvorcheskoe sodruzhestvo. Omsk, Omskoe knizhnoe izd-vo, 1961. 39 p. (MIRA 15:8)

1. Nachal'nik liteynogo tsekha Sibzavoda, Omsk (for Vishnevskiy). 2. Liteynyy tsekh Sibzavoda, Omsk (for Fayn). 3. Kafedra "Mashiny i tekhnologiya liteynogo proizvodstva" Omskogo mashinostroitel'nogo instituta (for Mikshta, Sevast'yanov).
(Omsk--Founding--Technological innovations)
(Socialist competition)

L 12095-66 EWT(1)

ACC NR: AP6029033 SOURCE CODE: UR/0413/66/000/014/0049/0049

INVENTOR: Vishnevskiy, A. I.; Aleksandrov, V. T.; Belousov, A. A.

ORG: none

TITLE: Self-heating diode [25] Class 21, No. 183839

SOURCE: Izobret prom, obraz tov zn, no. 14, 1966, 49

TOPIC TAGS: diode, electron tube, cathode

ABSTRACT: An Author Certificate has been issued for a self-heating diode (see Fig. 1) with an anode which serves as a heat-radiating element. To increase the efficiency

Fig. 1. Self-heating diode

1 - Thermal shield; 2 - cathode; 3 - anode; 4 - starting heater.

Card 1/2 UDC: 621.385.2.032.269

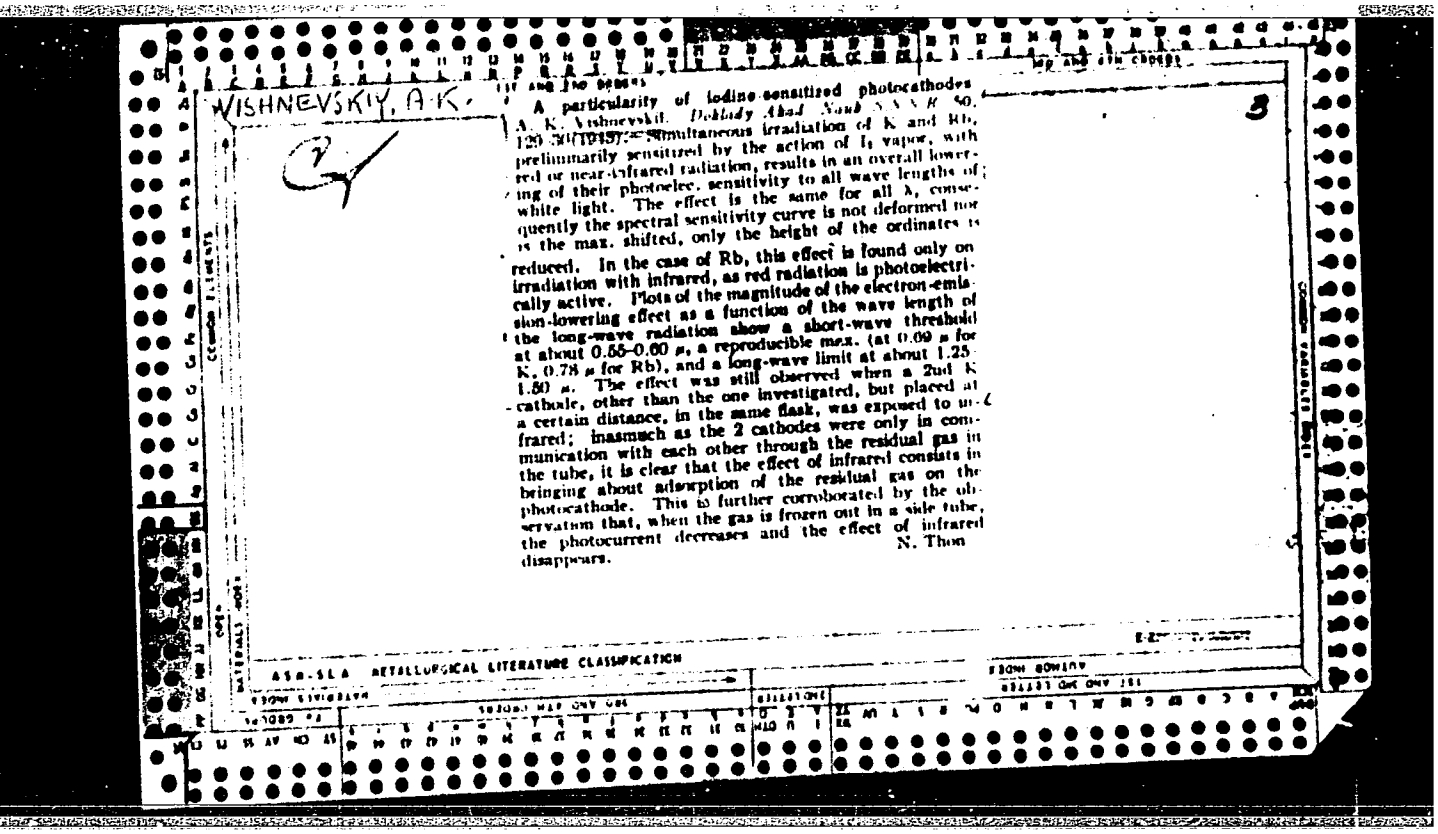
L 42095-66

ACC NR: AP6029033 O

and improve the parameters of the diode, both the inside and outside surfaces of the cathode are covered with an emmitting material so that the thermal shield serves as a second anode. Orig. art. has: 1 figure. [IV]

SUB CODE: 09/ SUBM DATE: 09Apr64/ ATD PRESS: 5062

Card 2/2 af



WISHNEVSKIY, A.K.

A particularity of iodine-sensitized photocathodes
A. K. Vishnevskii. *Doklady Akad. Nauk* [illegible]
120 [illegible]
Simultaneous irradiation of K and Rb, preliminarily sensitized by the action of I_2 vapor, with red or near-infrared radiation, results in an overall lowering of their photoelec. sensitivity to all wave lengths of white light. The effect is the same for all λ, consequently the spectral sensitivity curve is not deformed nor is the max. shifted, only the height of the ordinates is reduced. In the case of Rb, this effect is found only on irradiation with infrared, as red radiation is photoelectrically active. Plots of the magnitude of the electron-emission-lowering effect as a function of the wave length of the long-wave radiation show a short-wave threshold at about 0.55–0.60 μ, a reproducible max. (at 0.69 μ for K, 0.78 μ for Rb), and a long-wave limit at about 1.25–1.80 μ. The effect was still observed when a 2nd K cathode, other than the one investigated, but placed at a certain distance, in the same flask, was exposed to infrared; inasmuch as the 2 cathodes were only in communication with each other through the residual gas in the tube, it is clear that the effect of infrared consists in bringing about adsorption of the residual gas on the photocathode. This is further corroborated by the observation that, when the gas is frozen out in a side tube, the photocurrent decreases and the effect of infrared disappears.

N. Thon

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

VISHNEVSKIY, A. K.

24(4) PHASE I BOOK EXPLOITATION SOV/3140

Akademiya nauk Ukrainskoy SSR. Institut fiziki

Fotoelektricheskiye i opticheskiye yavleniya v poluprovodnikakh; trudy Pervogo Vsesoyuznogo soveshchaniya po fotoelektricheskim i opticheskim yavleniyam v poluprovodnikakh, g. Kiyev, 20-26 sentyabrya 1957 g. (Photoelectric and Optical Phenomena in Semiconductors; Transactions of the First Conference on Photoelectric and Optical Phenomena in Semiconductors...) Kiyev, 1959. 403 p. 3,000 copies printed.

Additional Sponsoring Agency: Akademiya nauk SSSR. Prezidium. Komissiya po poluprovodnikam.

Ed. of Publishing House: I. V. Kinina; Tech. Ed.: A. A. Matveychuk; Resp. Ed.: V. Ye. Lashkarev, Academician, Ukrainian SSR, Academy of Sciences.

PURPOSE: This book is intended for scientists in the field of semiconductor physics, solid state spectroscopy, and semiconductor devices. The collection will be useful to advanced students in universities and institutes of higher technical training specializing in the physics and technical application of semiconductors.

COVERAGE: The collection contains reports and information bulletins (the latter are indicated by asterisk) read at the First All-Union Conference on Optical and Photoelectric Phenomena in Semiconductors. A wide scope of problems in semiconductor physics and technology are considered: photoconductivity, photoelectromotive forces, optical properties, photoelectric cells and photoresistors, the actions of hard and corpuscular radiations, etc. The properties of thin films and complex semiconductor systems. The materials were prepared for publication by E. I. Rashba, O. V. Snitko, K. D. Tolpygo, A. F. Lubchenko, and M. K. Sheynkman. References and discussion follow each article.

Table of Contents:

Card 11/16

PA 78T74

VISHNEVSKIY, A. K.

Apr 1948

USSR/Physics
Infrared Receivers
Photoelectric Cells, Infrared

"The Development of Receivers of Infrared Radiation," A. K. Vishnevskiy, 5 pp

"Priroda" No 4

Describes heating and photoelectric effects of infrared rays. Among heating appliances mentioned: Langley's bolometer, Pringesheims' radiometer, Lebedev's thermopile. Describes photoelectric cell and explains its limitations. Outlines present-day development of photoelectric semiconductors with stress on work of Acad A. F. Ioffe.

78T74

VISHNEVSKIY, A.M.

AUTHOR: Vishnevskiy, A.M., Dotsent

TITLE: At the Chair of Physical Education (Na kafedre fizicheskogo vospitaniya) 3-5-30/38

PERIODICAL: Vestnik vysshey shkoly, 1957, Nr 5, pp 76-78 (USSR)

ABSTRACT: At the beginning of 1957 students of the Ist and IInd course of the Ural Polytechnical Institute were able to go in for sports at their own choice, twice a week. As a result there are now 5,000 students following this suggestion, as their interest in sports has considerably increased, owing to the organizatory work of the chair. The number of students at this institute is 10,000.

Athletic games are organized, including 13 different sports: skiing, skating, swimming and volley-ball, basketball, etc.

ASSOCIATION: The Ural Polytechnical Institute imeni S.M. Kirov (Ural'skiy politekhnicheskiy institut imeni S.M. Kirova)

AVAILABLE: Library of Congress

Card 1/1

PIROGOV, Nikolay Ivanovich [deceased]; GESELEVICH, A.M., prof.; ZAVALISHIN, N.I., prof., retsenzent; RUSANOV, S.A., prof., retsenzent; SEMEKA, S.A., general-mayor med. sluzhby, red. toma; RUFANOV, I.G., otv. red.; BAKULEV, A.N., zam. otv. red.; MAKSIMENKOV, A.N., zam. otv. red.; PETROV, B.D., zam. otv. red.; VISHNEVSKIY, A.M., red.; DAVYDOVSKIY, I.V., red.; KORNEYEV, V.M., red.;KOCHERGIN, I.G., red.; KROTKOV, F.G., red.; BEL'CHIKOVA, Yu.S., tekhn. red.

[Collected works in eight volumes] Sobranie sochinenii v vos'mi tomakh. Moskva, Medgiz. Vol.7. [Works on military medicine and military-field surgery, 1871-1879] Trudy po voennoi meditsine i voenno-polevoi khirurgii, 1871-1879. 1960. 640 p.
(MIRA 15:7)

(MEDICINE, MILITARY) (SURGERY, MILITARY)

VISHNEVSKIY, A.M.

Mechanize beet seed production more rapidly. Sakh.prom.29 no.2: 34-36 '55. (MLRA 8:6)

1. Glavsakhar.
(Agricultural machinery) (Sugar beets)

VISHNEVSKIY, Aleksandr Matveyevich; BURLYGA, F., red.; SAMOLETOVA, A., tekhn. red.

[Progressive methods of sintering]Peredovye metody aglomeratsii. Stalino, Knizhnoe izd-vo, 1960. 52 p. (MIRA 15:8)
(Sintering)

VISHNEVSKIY, A.M.; ADEL'FIL'SKAYA, Yu.N., red.

[Handbook for a sugar beet grower] Spravochnik svekla-voda. Moskva, Rossel'khozizdat, 1964. 558 p. (MIRA 17:9)

1. Glavnyy agronom po sakharnoy svekle Ministerstva proizvodstva i zagotovok sel'skokhozyaystvennykh produktov RSFSR (for Vishnevskiy).

[illegible]; [illegible]; [illegible]OVSKIY, Ye.V.

Intensification [illegible] of [illegible] gornorud. [illegible] prom. no.2:84 Mr-Ap '65.

APPROVED FOR RELEASE: 09/01/2001 CIA-RDP86-00513R001860030006-7"

VISHNEVSKIY, A.M.; VISHNEVSKIY, E.A.; KUZNETSOV, T.A.; PETROV, A.V.; RUKEVICH, L.V.; ADEL'FINSKAYA, Ye.N., red.; SAYTANIDI, L.D., tekhn. red.

[Manual on sugar-beet seed production] Spravochnik po sveklovichnomu semenovodstvu. Moskva, Izd-vo M-va sel'.khoz. RSFSR, 1961. 90 p. (MIRA 15:3)

1. Ministerstvo sel'skogo khozyaystva RSFSR (for all except Adel'finskaya, Saytanidi).
(Sugar beets)

VISHNEVSKIY, A. N.

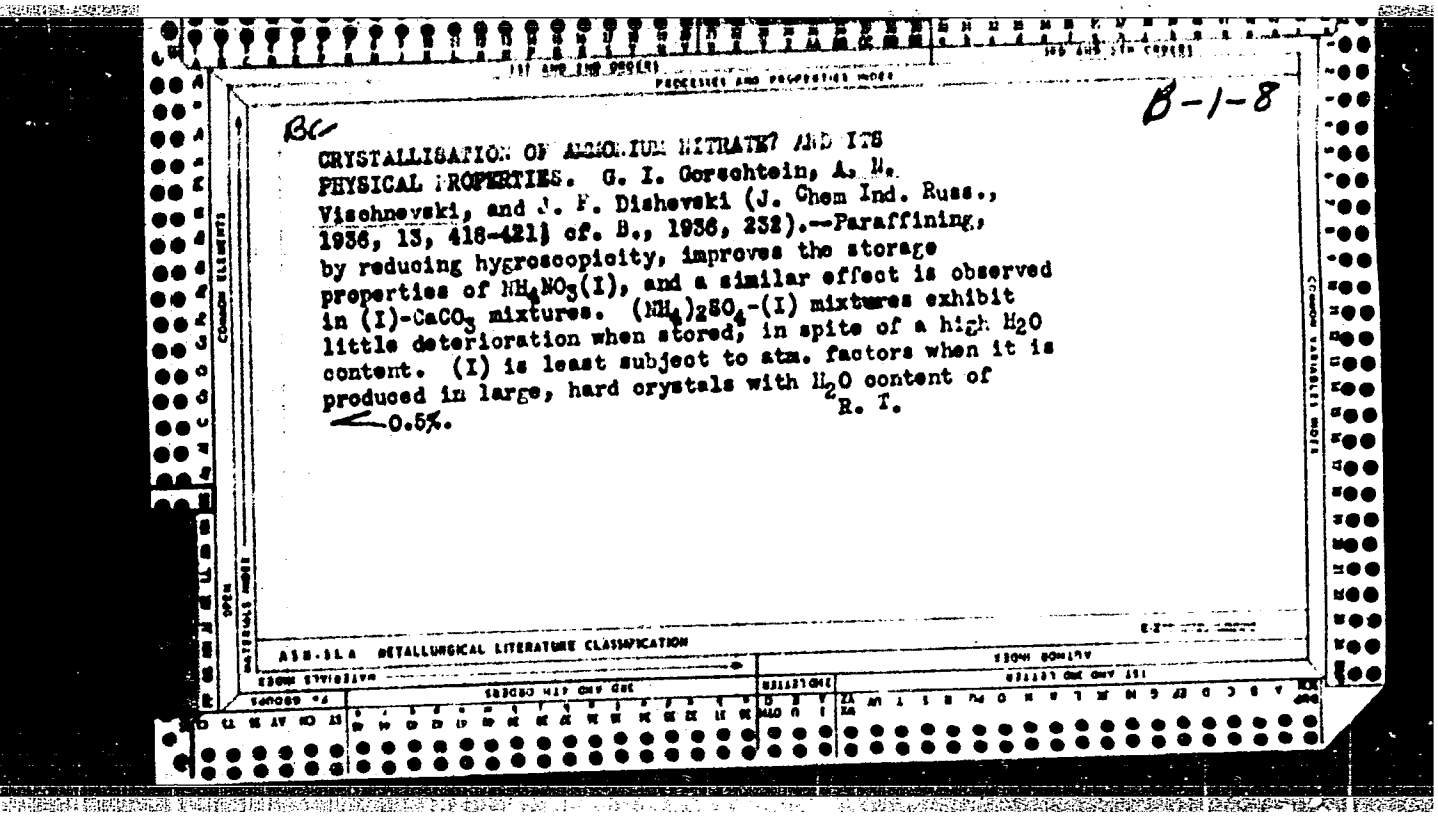
Vishnevskiy, A. N. - "The work of the laboratory for Mineral Fertilizers", Trudy Vsesoyuz. in-ta sodovoy prom-sti, Vol. V. 1949, p. 85-86, - Bibliog: 12 items.

SO: U-4631, 16 Sept. 53, (Letopis 'Zhurnal 'nykh Statey, No. 24, 1949).

VISHNEVSKII, A. M.

RJ-178 [Specific heat of molten sodium hydroxide] O teploemkosti rasplavlennogo kaustika.
Zhurnal Obshchei Khimii, 7(16): 2175-2182, 1937.

VISHNEVSKII, A. K.
D. S. DOROFEEV, Trans. Sci. Inst. Fertilizers (USSR) No. 101, 73-91, 1933

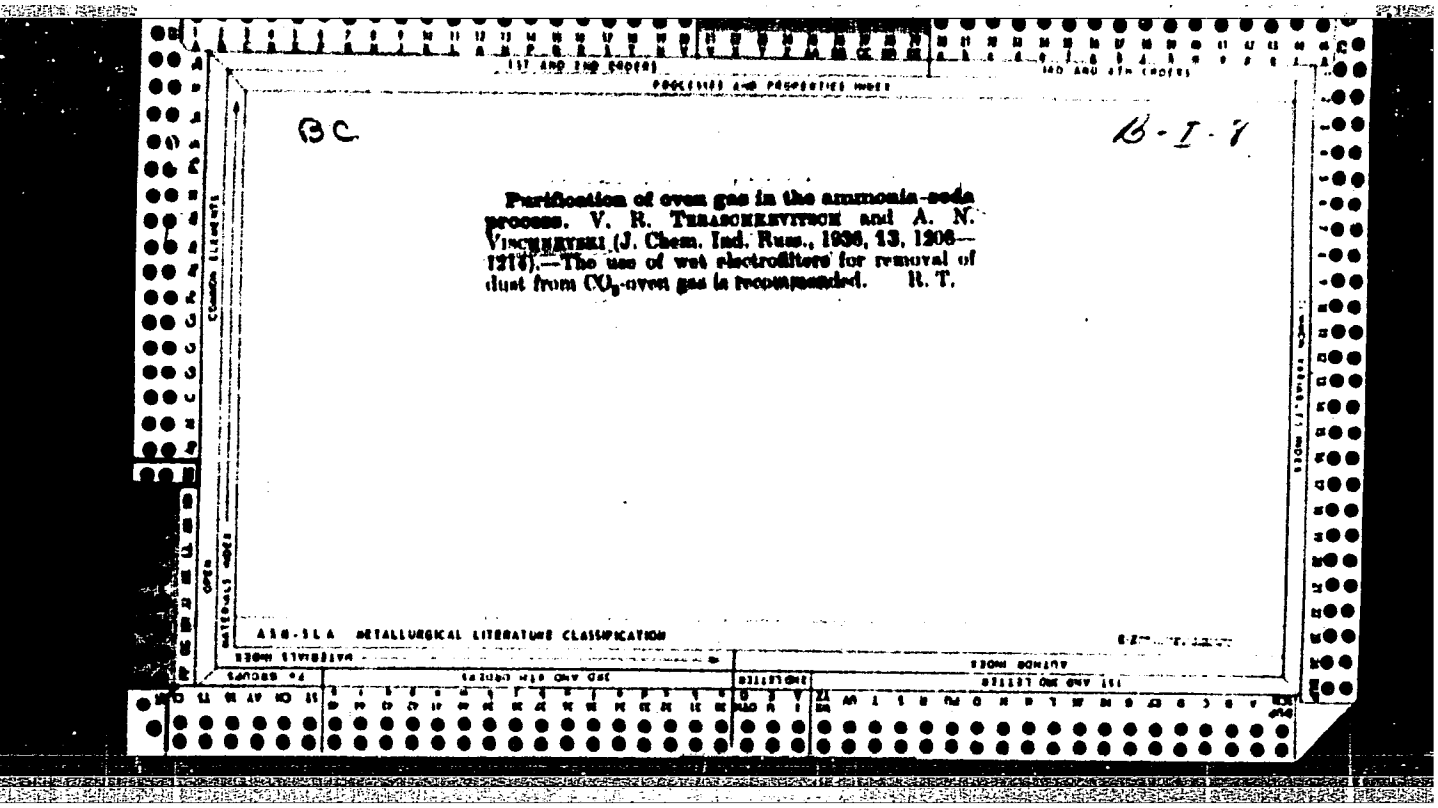


B-1-8

BC-

CRYSTALLISATION OF AMMONIUM NITRATE AND ITS PHYSICAL PROPERTIES. G. I. Gorschtein, A. M. Vischnevski, and J. F. Dishevski (J. Chem Ind. Russ., 1936, 13, 418-421; cf. B., 1936, 232).—Paraffining, by reducing hygroscopicity, improves the storage properties of NH_4NO_3(I), and a similar effect is observed in (I)-$CaCO_3$ mixtures. $(NH_4)_2SO_4$-(I) mixtures exhibit little deterioration when stored, in spite of a high H_2O content. (I) is least subject to atm. factors when it is produced in large, hard crystals with H_2O content of <0.5%.

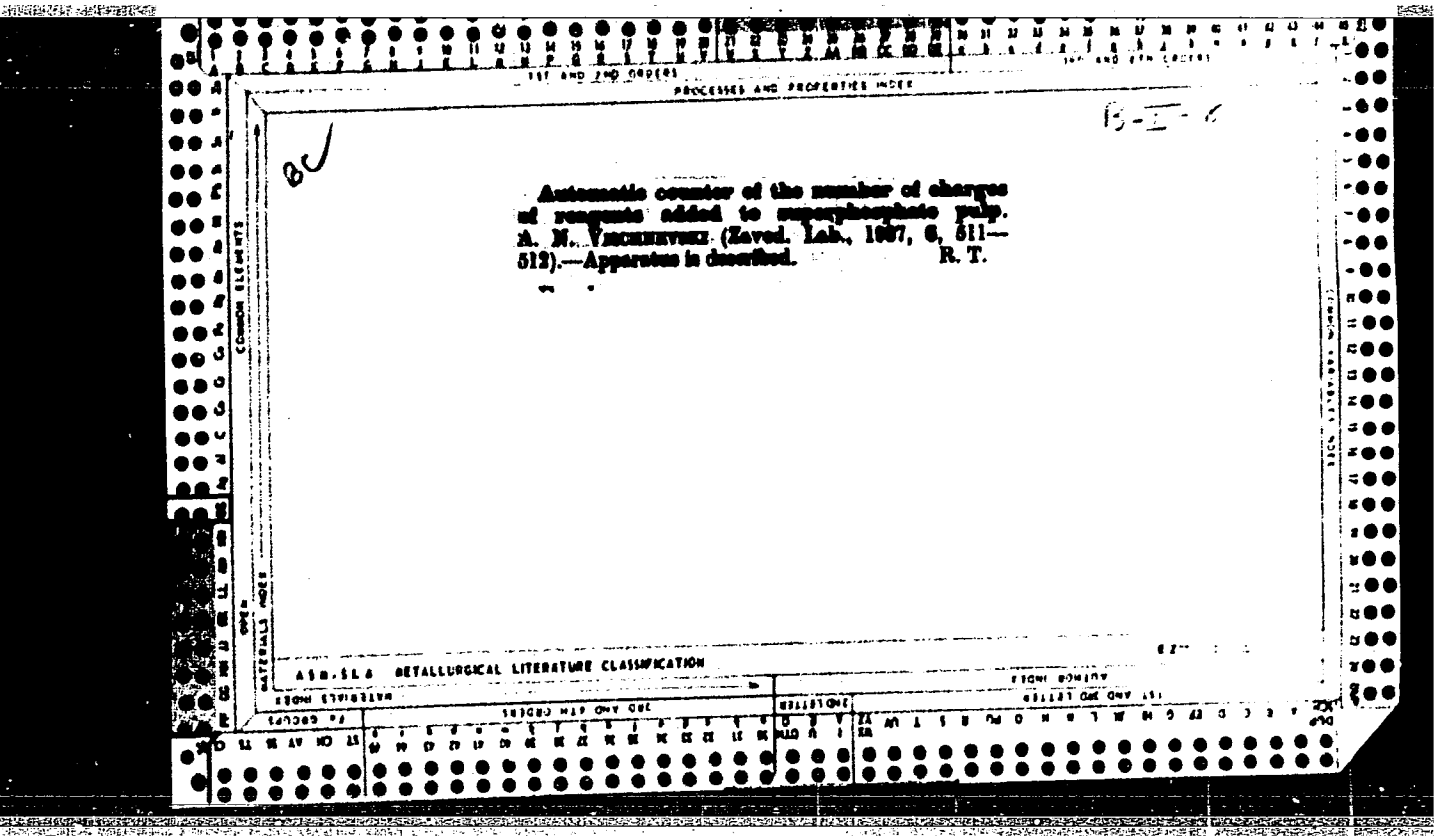
R. T.



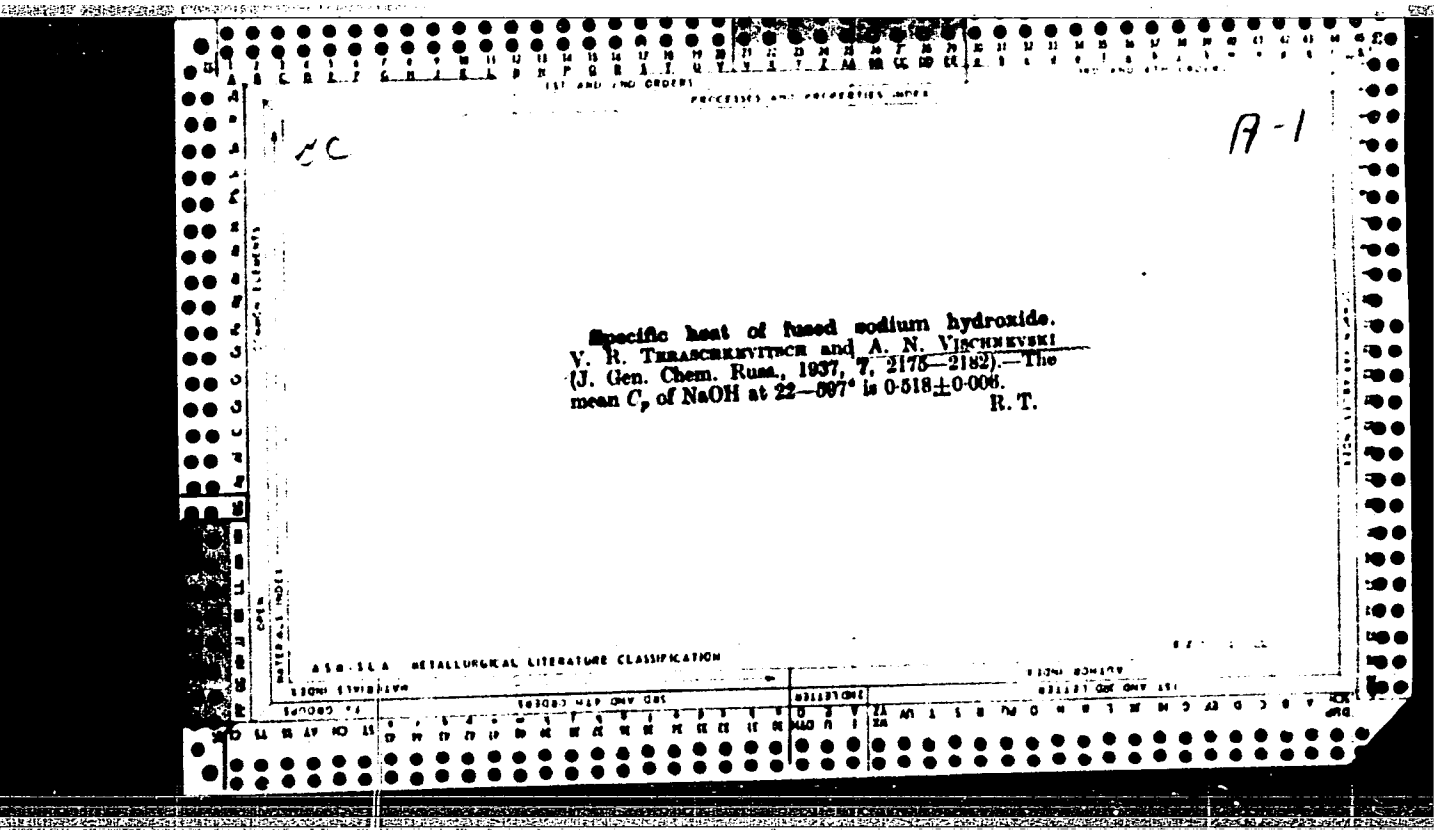
BC

B-I-7

Purification of oven gas in the ammonia-soda process. V. R. TERASCHKEVITSCH and A. N. VINOGRADSKI (J. Chem. Ind. Russ., 1936, 13, 1206—1216).—The use of wet electrofilters for removal of dust from CO_2-oven gas is recommended. R. T.



Automatic counter of the number of charges of reagents added to superphosphate pulp. A. M. Vecherevskiĭ (Zavod. Lab., 1967, 6, 511—512).—Apparatus is described. R. T.



Specific heat of fused sodium hydroxide. V. R. TERASCHKEVITSCH and A. N. VISCHNEVSKI (J. Gen. Chem. Russ., 1937, 7, 2175—2182).—The mean C_p of NaOH at 22—307° is 0·518±0·006.
R. T.

PROCESSES AND PROPERTIES INDEX

BC

B-I-1

Factory tests on crystallization of ammonium nitrate and its physical properties. G. I. Gorschtein, A. N. Vrochinskii, and J. F. Dubovski (Chimstr., 1936, 7, 150—153).—Granulated NH_4NO_3 with $\gg$ 0·15% of H_2O does not cake under any storage conditions. With 0·4—0·5% of H_2O caking is excessive at > 31·5°. The rate of hardening decreases with increased grain size, and is much decreased by coating with paraffin. Tests on the production of mixed fertilisers are described. Ch. Abs. (e)

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

VISHNEVSKIY, A.N.

USSR/ Chemical Technology. Chemical Products and Their Application. Soda industry I-4

Abs Jour : Referat Zhur - Khimiya, No 4, 1957, 12336

Author : Vishnevskiy A.N.
Inst : All-Union Institute of the Soda Industry
Title : On the Theory of the Process of Sodium Ferrite Formation in the Production of Caustic Soda

Orig Pub : Tr. Vses. in-ta sodovoy prom-sti, 1955, 15-25

Abstract : In the production of NaOH by the ferrite method, sodium ferrite is formed in the case of a sufficient partial pressure of CO_2 (P_{CO_2}) (greater than P_{CO_2} in the atmosphere) according to the equation $Na_2CO_3 + Fe_2O_3 \; Na_2Fe_2O_4 + CO_2$ - 38.83 kcal/g-mole/ P_{CO_2} over the mixture of Na_2CO_3 and Fe_2O_3 increases with rising temperature and, at 852°, reaches the atmospheric pressure.

Card 1/2 - 7 -

USSR/ Chemical Technology. Chemical Products and Their Application. Soda industry I-4

Abs Jour : Referat Zhur - Khimiya, No 4, 1957, 12336

It has been ascertained by laboratory experiments on sintering of Na_2CO_3 and Fe_2O_3 that increase in reaction velocity with rising temperature, at least up to 1000°, conforms to a parabolic curve. With stoichiometric proportions of the components, the reaction velocity decreases gradually with increasing duration of heating; excess or deficiency in any of the components results in increasing reaction velocity, by ~1.7 times in the maximal instance (4-fold excess or deficiency in Na_2CO_3). However, in such a case the yield of ferrite is decreased by ~0.8-0.6 times. Fe_2O_3 produced by decomposition of $Na_2Fe_2O_4$ with water, on sintering with soda is considerably more active than Fe_2O_3 that has not been previously a component part of ferrite. Data are presented on the use of different samples of Fe_2O_3.

Card 2/2

ZELIKIN, M.B., kand. tekhn. nauk; VISHNEVSKIY, A.N., kand. tekhn. nauk; Prinimali uchastiye: PANFILOVA, M.L., mladshiy nauchnyy sotrudnik; SYTNIK, L.V., mladshiy nauchnyy sotrudnik; KAMENSKAIA, N.P., mladshiy nauchnyy sotrudnik; MAYSTRENKO, G.S., mladshiy nauchnyy sotrudnik

Preparation of silica white using liquors from the soda manufacture. [Trudy] NIOKHIM 15:3-11 '63. (MIRA 18:2)

VISHNEVSKIYI, A. N.

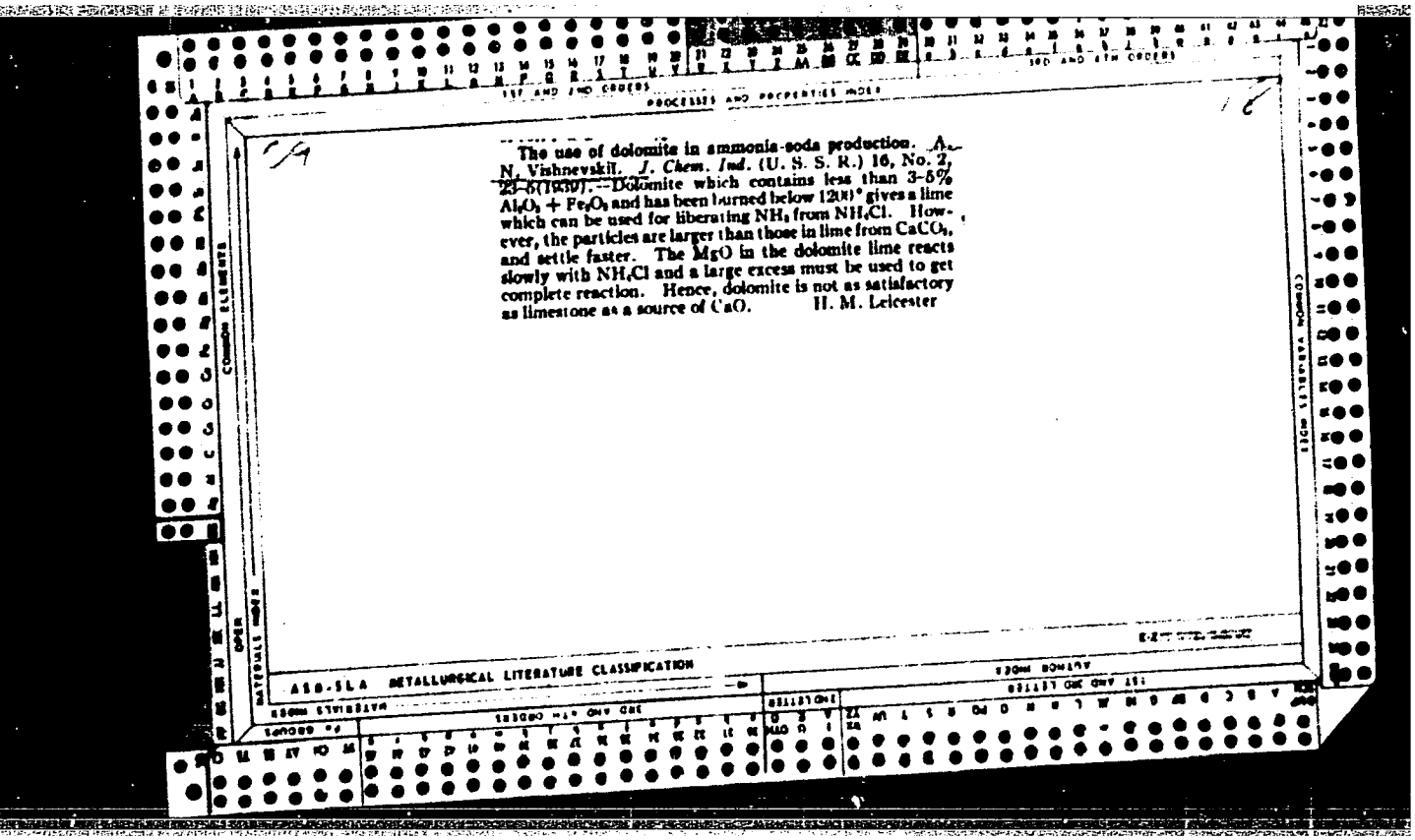
TERASHKEVICH, V. R., and VISHNEVSKIYI, A. N.
J. Gen Chem. (USSR) 7:3, 2175 (1937)
On the specific heat of molten sodium hydroxide.

CA: 32-34/2

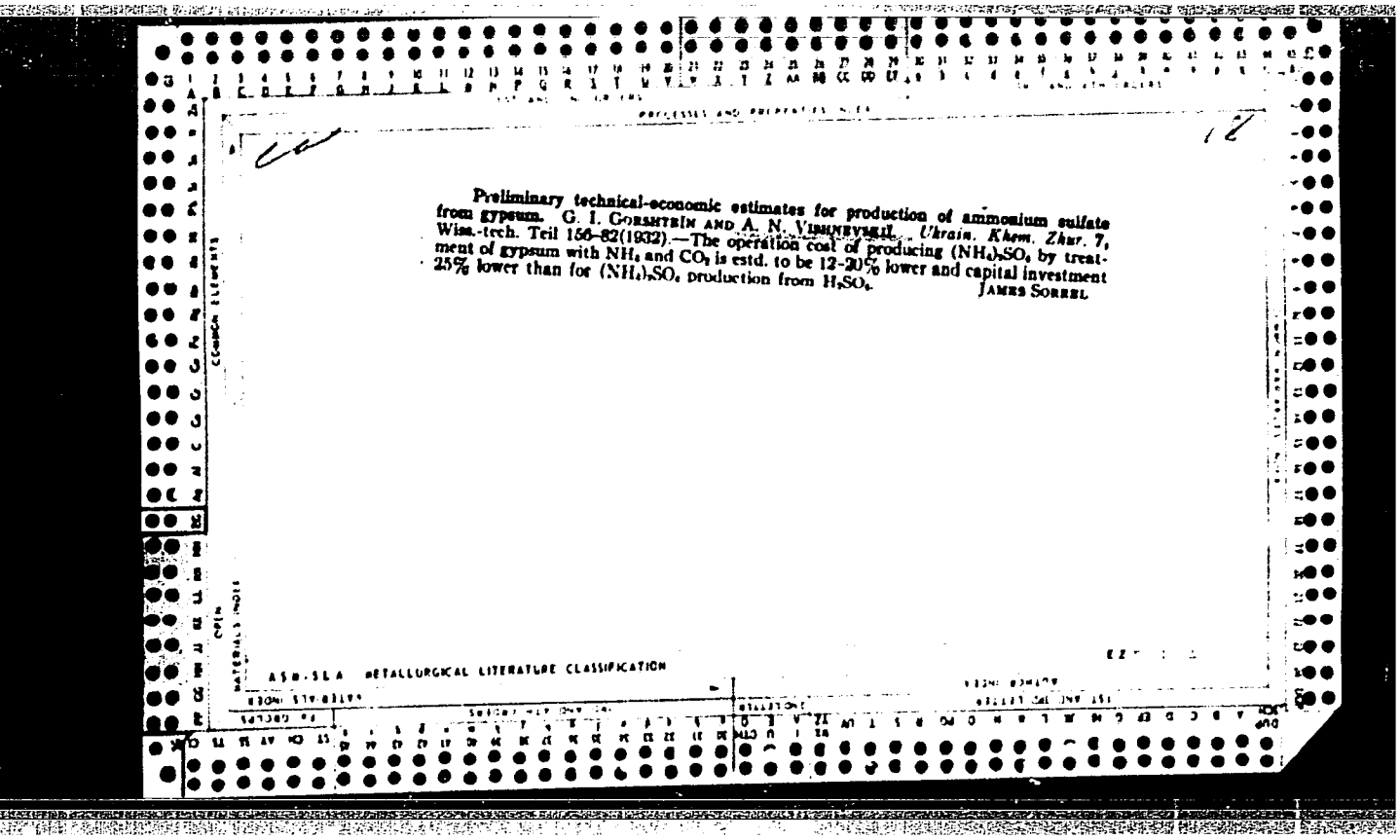
KALUZHIN, G.V., mashinist teplovoza, Geroy Sotsialisticheskogo Truda; VISHNEVSKIY, A.N., mashinist teplovoza, Geroy Sotsialisticheskogo Truda; ORLOVA, N.M., mashinist elektropoyezda

A word from the participants of the 20th and 21st Congresses of the CPSU. Elek.i tepl.tiaga 5 no.9:13-15 S '61. (MIRA 14:10)

1. Depo Debal'tsevo-Sortirovochnoye (for Kaluzhin). 2. Depo Penza III (for Vishnevskiy). 3. Depo Novosibirsk Zapadno-Sibirskoy dorogi (for Orlova).
(Electric railroads) (Railroads--Repair shops) (Railroads--Employees)

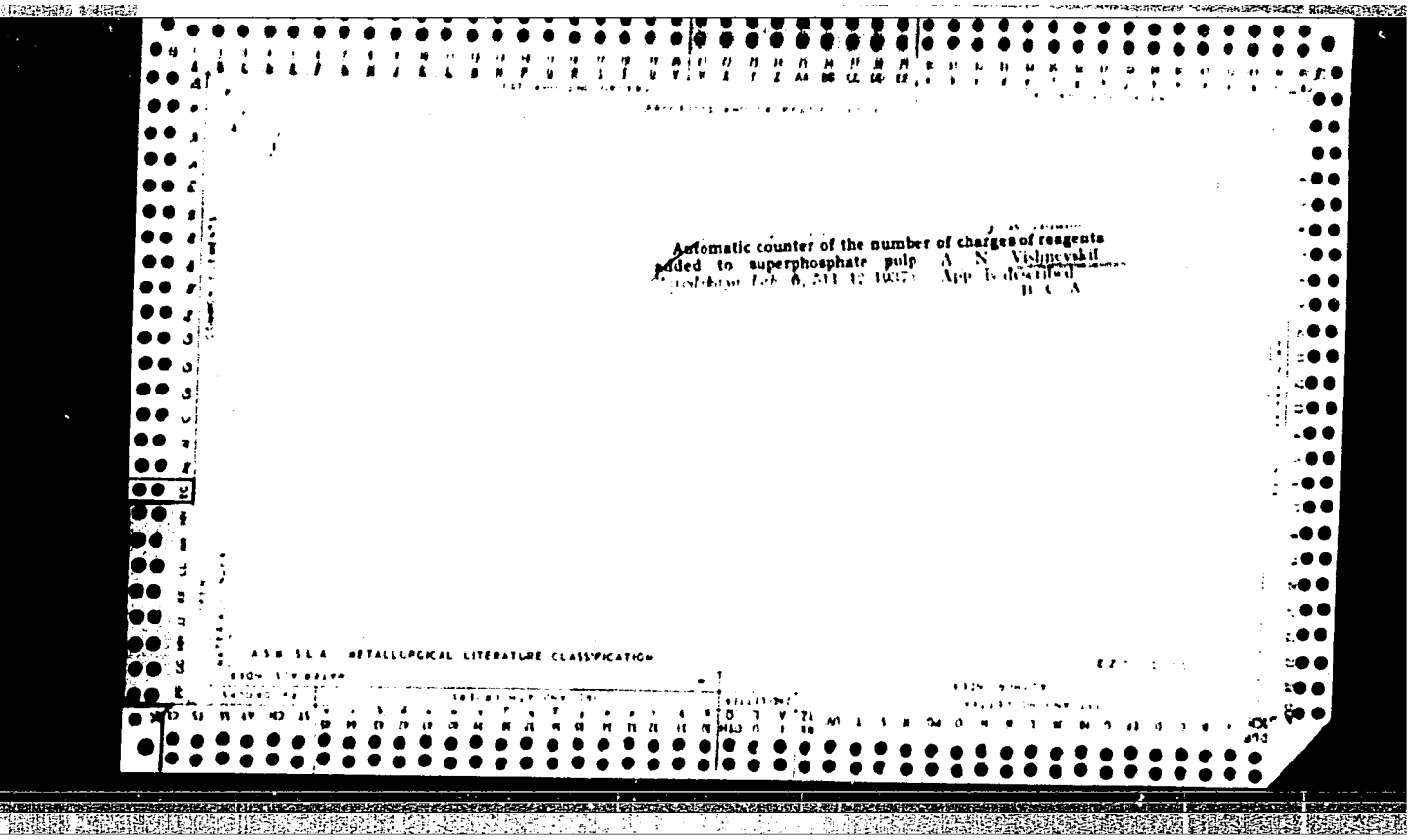


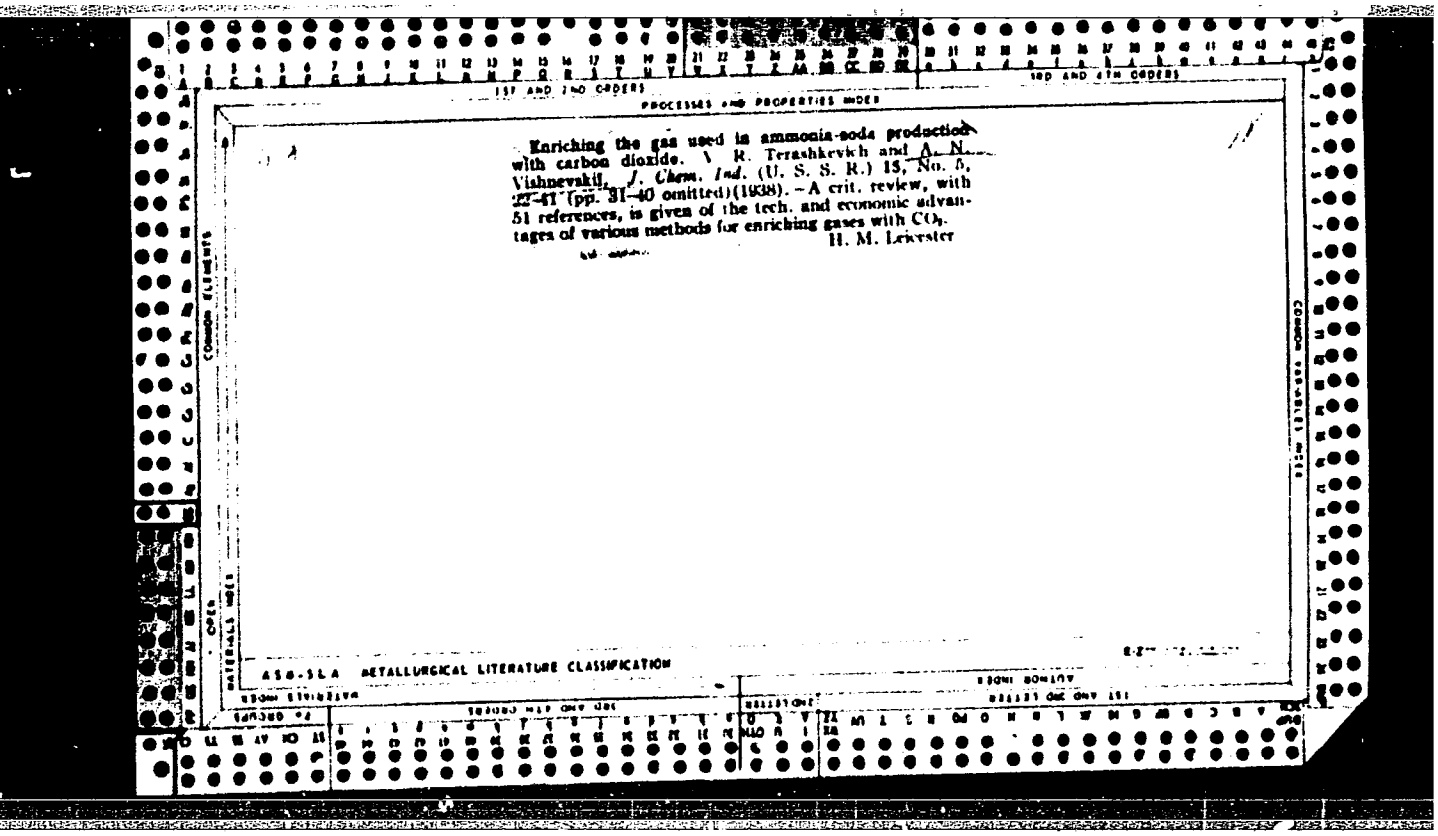
The use of dolomite in ammonia-soda production. A. N. Vishnevskii. *J. Chem. Ind.* (U. S. S. R.) 16, No. 2, 23–6(1939). — Dolomite which contains less than 3–5% $Al_2O_3 + Fe_2O_3$ and has been burned below 1200° gives a lime which can be used for liberating NH_3 from NH_4Cl. However, the particles are larger than those in lime from $CaCO_3$, and settle faster. The MgO in the dolomite lime reacts slowly with NH_4Cl and a large excess must be used to get complete reaction. Hence, dolomite is not as satisfactory as limestone as a source of CaO. H. M. Leicester



Preliminary technical-economic estimates for production of ammonium sulfate from gypsum. G. I. GORSHTEIN AND A. N. VISHNEVSKII. *Ukrain. Khem. Zhur.* 7, Wiss.-tech. Teil 156–82(1932).—The operation cost of producing $(NH_4)_2SO_4$ by treatment of gypsum with NH_3 and CO_2 is estd. to be 12–20% lower and capital investment 25% lower than for $(NH_4)_2SO_4$ production from H_2SO_4.
JAMES SORREL

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION





Enriching the gas used in ammonia-soda production with carbon dioxide. V. R. Terashkevich and A. N. Vishnevskii. *J. Chem. Ind.* (U. S. S. R.) 15, No. 5, 27-41 (pp. 31-40 omitted)(1938).—A crit. review, with 51 references, is given of the tech. and economic advantages of various methods for enriching gases with CO_2.
H. M. Leicester

A58-5LA METALLURGICAL LITERATURE CLASSIFICATION

1ST AND 2ND ORDERS

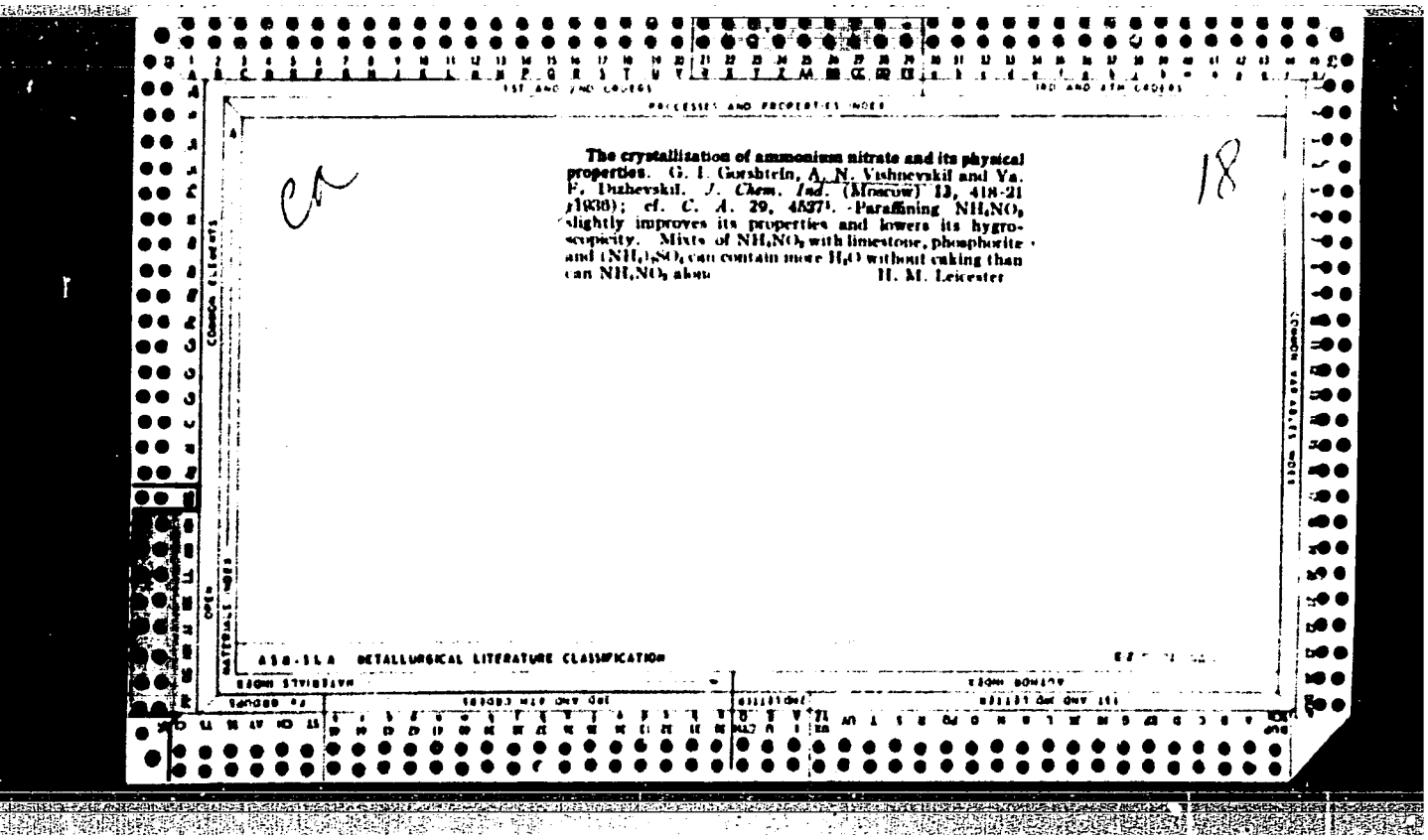
PROCESSES AND PROPERTIES INDEX

Ca

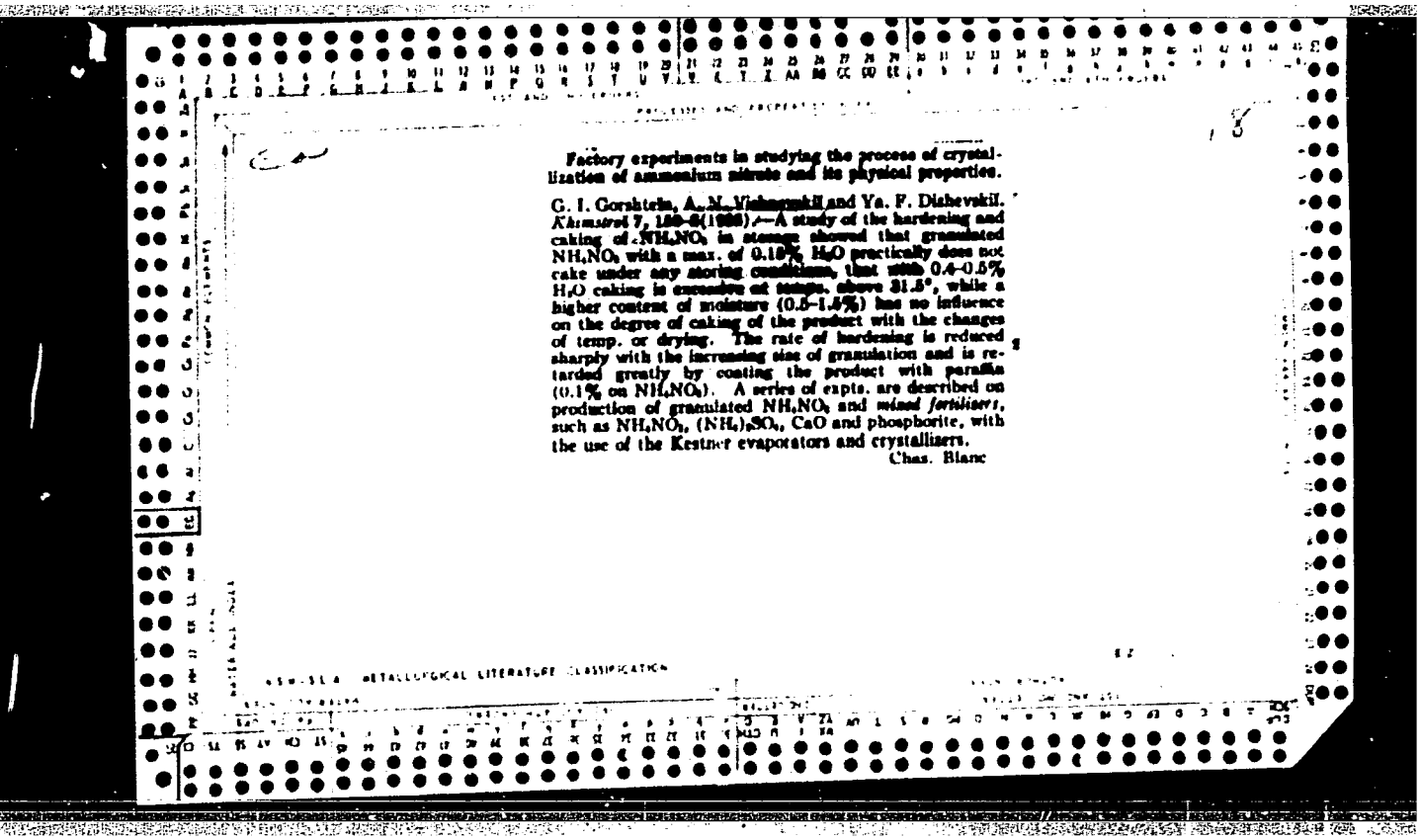
16

The purification of furnace gases in ammonia soda production. V. R. Terashkevich and A. N. Vishnevskii. J. Chem. Ind. (U.S.S.R.) 13, 1208-15(1936). — [illegible] filters should be used. H. M. Leicester

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION



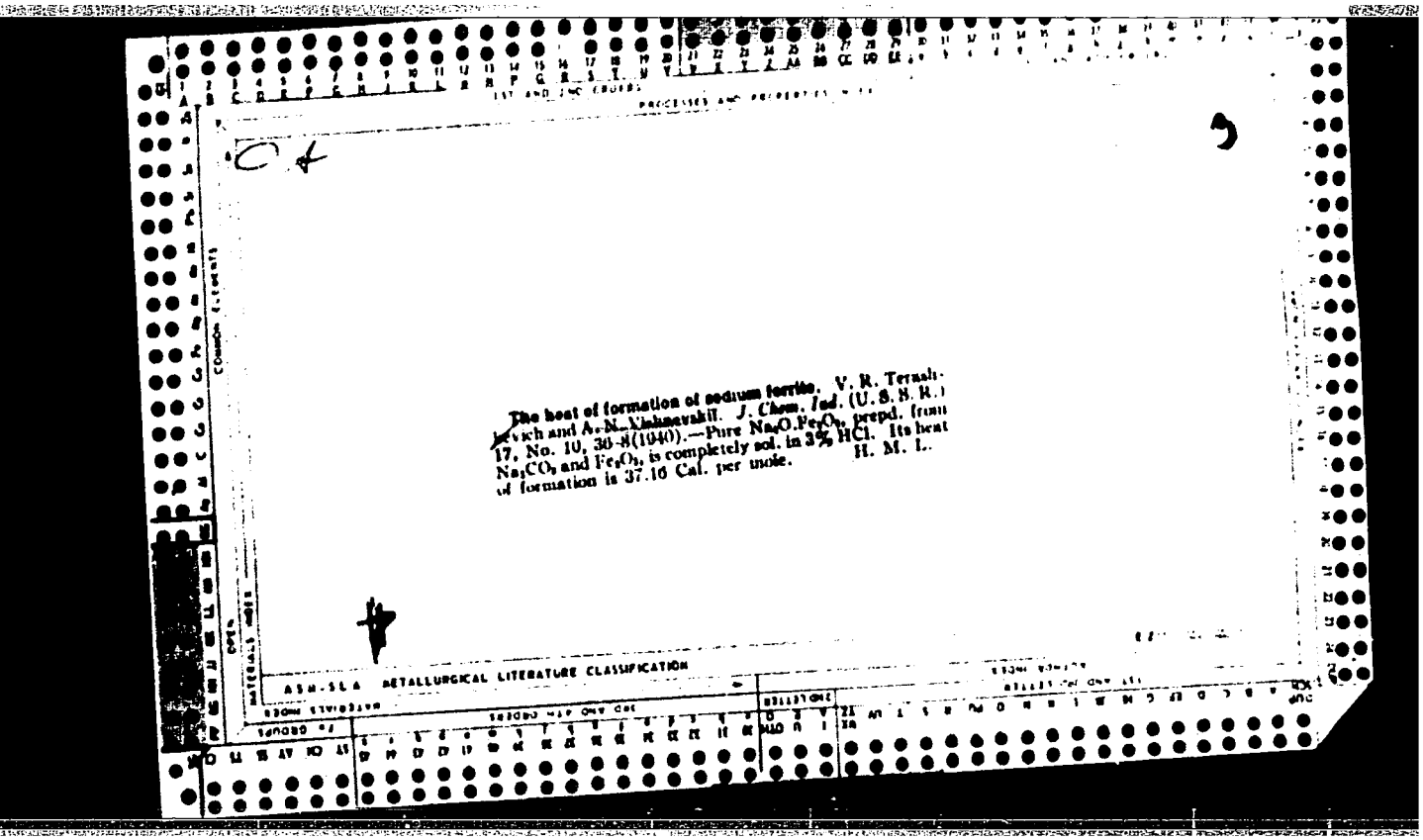
The crystallization of ammonium nitrate and its physical properties. G. I. Gorshtein, A. N. Vishnevskii and Ya. F. Dzhevskii. *J. Chem. Ind.* (Moscow) 13, 418-21 (1938); cf. *C. A.* 29, 4837[1]. Paraffining NH_4NO_3 slightly improves its properties and lowers its hygroscopicity. Mixts. of NH_4NO_3 with limestone, phosphorite and $(NH_4)_2SO_4$ can contain more H_2O without caking than can NH_4NO_3 alone. H. M. Leicester



Factory experiments in studying the process of crystallization of ammonium nitrate and its physical properties.

G. I. Gorshtein, A. M. Vishnyakii and Ya. F. Dizhevskii. *Khimstroi* 7, 180-8(1938).—A study of the hardening and caking of NH_4NO_3 in storage showed that granulated NH_4NO_3 with a max. of 0.18% H_2O practically does not cake under any storing conditions, that with 0.4–0.5% H_2O caking is excessive at temps. above 31.5°, while a higher content of moisture (0.5–1.5%) has no influence on the degree of caking of the product with the changes of temp. or drying. The rate of hardening is reduced sharply with the increasing size of granulation and is retarded greatly by coating the product with paraffin (0.1% on NH_4NO_3). A series of expts. are described on production of granulated NH_4NO_3 and *mixed fertilizers*, such as NH_4NO_3, $(NH_4)_2SO_4$, CaO and phosphorite, with the use of the Kestner evaporators and crystallizers.

Chas. Blanc



The heat of formation of sodium ferrite. V. R. Terash-kevich and A. N. Vikhaevskii. *J. Chem. Ind.* (U.S.S.R.) 17, No. 10, 30-8(1940).—Pure $Na_2O.Fe_2O_3$, prepd. from Na_2CO_3 and Fe_2O_3, is completely sol. in 3% HCl. Its heat of formation is 37.16 Cal. per mole. H. M. L.

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

ACC NR: AP6030136 SOURCE CODE: UR/0120/66/000/004/0089/0094

AUTHOR: Vishnevskiy, A. P.

ORG: Institute of Mathematics, SO AN SSSR, Novosibirsk (Institut matematiki, SO AN SSSR)

TITLE: A reversible storage counter

SOURCE: Pribory i tekhnika eksperimenta, no. 4, 1966, 89-94

TOPIC TAGS: pulse counter, electric capacitor, storage device, pulse shaper, transistor, semiconductor diode, circuit delay line

ABSTRACT: A new method of reversing pulse counting is discussed. The operation of the circuit is described with the aid of an equivalent circuit (see Fig. 1) and a

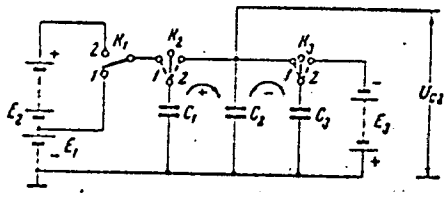


Fig. 1. Equivalent circuit of counter

time diagram (see Fig. 2). The reversible counter can be built not only with

Card 1/2 UDC: 621.374.32

ACC NR: AP6030136

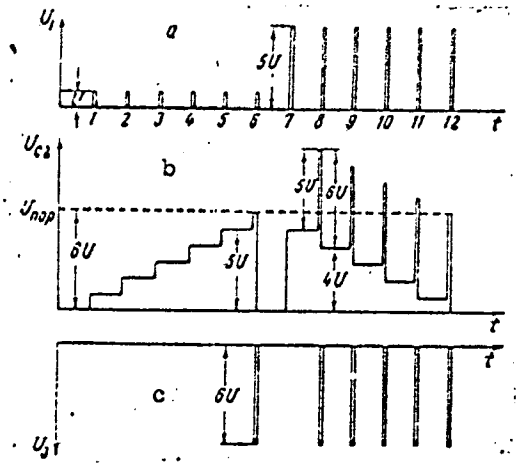


Fig. 2. Time diagrams illustrating physical processes in counter: a - input pulses corresponding to actuation of switch K_2; b - form of voltage in storage capacitor C_2; c - discharging pulses corresponding to actuation of switch K_3

capacitor storage devices but also with magnetic ones, etc. It has a comparatively fast response speed, a small number of active elements, and is inexpensive. It can also be used as a pulse-packet shaper and a reversible step voltage generator. One specific type of a reversible storage counter is examined. Orig. art. has: 6 diagrams and 1 formula.

SUB CODE: 09/ SUBM DATE: 17Jul65/ ORIG REF: 004

Card 2/2

ACC NR: AP7002712 (A) SOURCE CODE: UR/0115/66/000/012/0080/0081

AUTHOR: Vishnevskiy, A. P.

ORG: none

TITLE: Digital indicator with an electroluminescent illuminator

SOURCE: Izmeritel'naya tekhnika, no. 12, 1966, 80-81

TOPIC TAGS: electronic test equipment, electroluminescence, data readout

ABSTRACT:

A digital indicator in which electroluminescent thin films are used as illuminators is described. In Fig. 1 the design of a single plate (1) of the

Card 1/2 UDC: 681.2.085.36

ACC NR: AP7002712

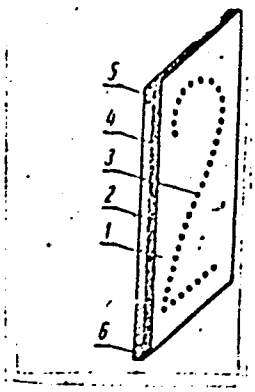


Fig. 1. Plate of digital indicator

indicator is shown. The plate (1) with an engraved digit is made of lucite or glass. The electroluminescent film is deposited on the face of the plate. If there is a set of plates, one edge (4) of every plate is blackened to avoid the illumination of adjacent plates. A-c voltage is applied to contacts (5) and (6). The illuminating element is actually a plane capacitor, one plate of which is a transparent current-conducting film (usually SnO_2) deposited on the face of the plate. A layer of the phosphor (30—100 μ thick) mixed with the dielectric is deposited on the surface of the transparent film. The second electrode, coated with current-conducting paint and a graphite emulsion, is made by vacuum evaporation of silver, copper, and aluminum. Activated by an electric field applied to the capacitor plates, the electroluminescent layer emits light, which illuminates the engraved digit. Tests indicate that the glow of the digit is sufficiently bright. Orig. art. has: 2 figures.

SUB CODE: 09/ SUBM DATE: 16Aug65/ ORIG REF: 002/ OTH REF: 003
ATD PRESS: 5112

Card 2/2

L 20937-66 EWT(l)/EWA(h)

ACC NR: AP6002563 (A) SOURCE CODE: UR/0286/65/000/023/0058/0059

AUTHORS: Vishnevskiy, A. P.; Krichevskaya, V. L.; Tarasov, A. A.

ORG: none

TITLE: Reversible pulse counter. Class 42, No. 176716 [announced by Institute of Mathematics SO AN SSSR (Institut matematiki SO AN SSSR)]

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 23, 1965, 58-59

TOPIC TAGS: pulse counter, computer circuit

ABSTRACT: This Author Certificate presents a reversible pulse counter containing a shift pulse shaper in each digit and a device for changing the count direction. To simplify the reversible counter circuit, each digit of the pulse counter is made on a storage register. The input of the storage register is connected to the first output of a limiter, and the output is connected through an inverter to the first input of the first coincidence circuit (see Fig. 1). The second input of this coincidence circuit is connected to the first output of the reverse device, and the third input is connected to the second output of the limiter and to the first input of the second coincidence circuit. The second input of the

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ACC NR: AP6002563

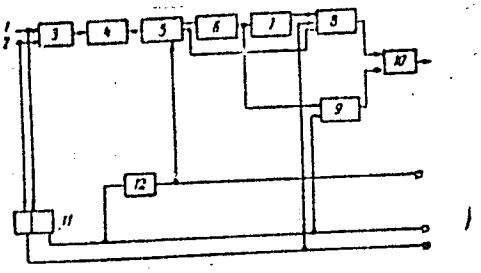

Fig. 1. 1 - Forward count pulse input; 2 - backward count pulse input; 3 - "OR" circuit; 4 - delay line; 5 - limiter; 6 - storage register; 7 - inverter; 8 and 9 - coincidence circuit; 10 - "OR" circuit; 11 - trigger with separate inputs; 12 - emitter follower.

second coincidence circuit is connected to the second output of the reverse device. The outputs of the coincidence circuits are connected to an "OR" circuit. One input of the limiter of each digit is connected to the reverse device. The limiter input of the least significant digit is connected through an "OR" circuit and delay line to the buses for the addition and subtraction input pulses. Orig. art. has: 1 diagram.

SUB CODE: 09/ SUBM DATE: 10Mar64

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ACC NR: AP6002010 SOURCE CODE: UR/0288/65/000/003/0028/0031

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ORG: Institute of Mathematics, Siberian Branch, AN SSSR, Novosibirsk (Institut matematiki, Sibirskogo otdeleniya AN SSSR)

TITLE: Using superregenerators in trigger devices 25

SOURCE: AN SSSR. Sibirskoye otdeleniye. Izvestiya. Seriya tekhnicheskikh nauk, no. 3, 1965, 28-31

TOPIC TAGS: trigger, trigger design

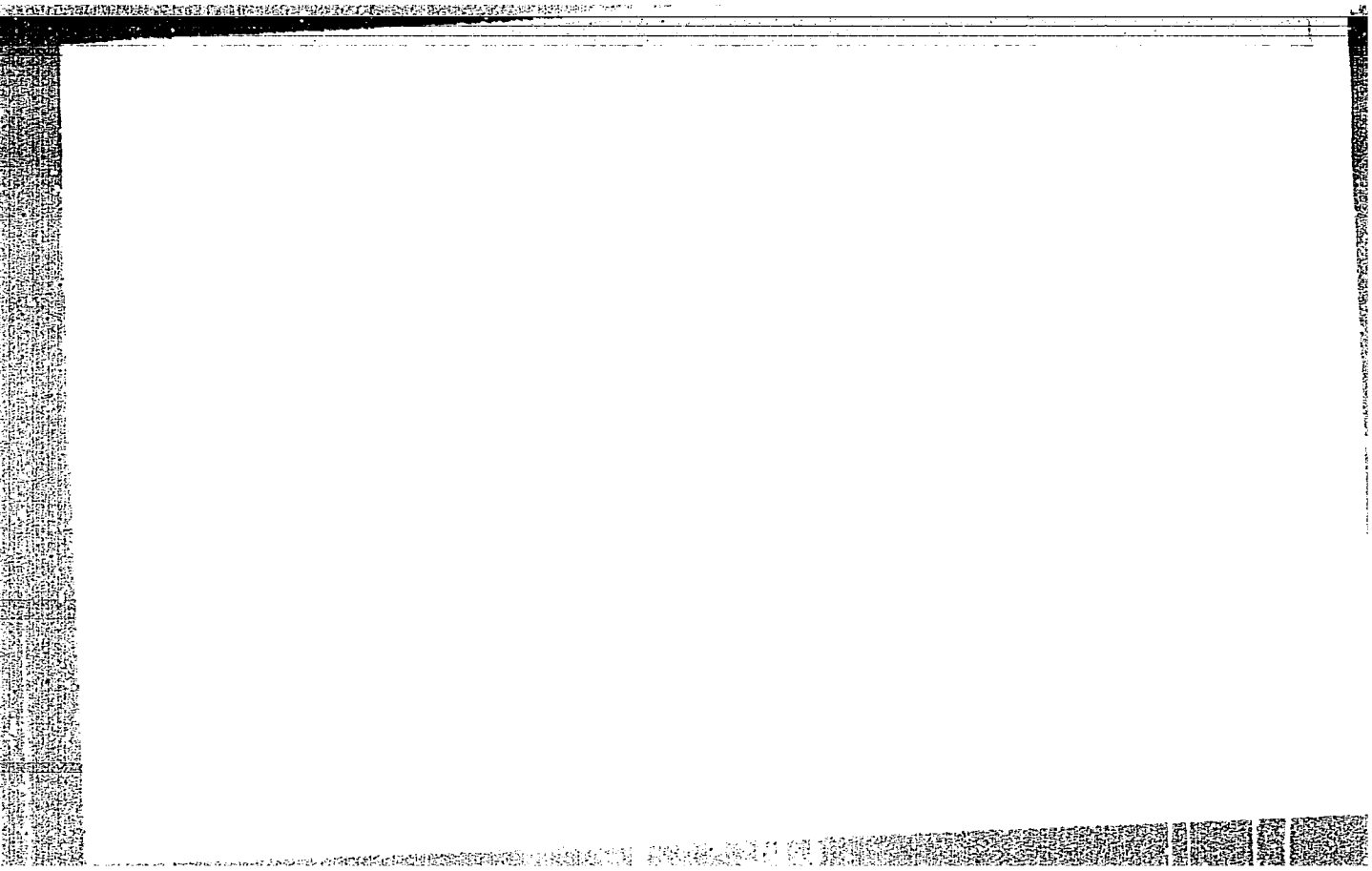
ABSTRACT: A multistable trigger circuit is described which was developed by A. P. Vishnevskiy, et. al. (Author's Certificate SSSR, no. 165571, Bull. izobr., no. 19, 1964), was named "amplitron" (should not be confused with the American amplitron EW tube), and is based on a superregenerative circuit that has a multi-hump amplitude characteristic. It is shown that a tunable-circuit superregenerator equipped with an integrating feedback loop permits designing a trigger whose number of stable states is inpedendent of the number of components used. Orig. art. has: 3 figures.

SUB CODE: 09 / SUBM DATE: 07Jan65 / ORIG REF: 008 / OTH REF: 000

HW

Card 1/1 UDC: 621.373.45

TITLE: Decimal storage summator. Class 42, No. 177212



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VISHNEVSKIY, A.P.; SITNIKOV, L.S.; UTYAKOV, L.L.

Frequency triggers. Trudy Inst. avtom. i elektrometr. SO AN SSSR no.9:80-87 '64. (MIRA 17:11)

Class 4[illegible], No. 170755

[illegible], No. 9, 1965, 32

harmonic phases which [illegible] supply spectrum. The second phase [illegible]