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PESTRIY, N.V., inzh.; KHIRIN, N.D., inzh.; LOZINSKIY, R.P., inzh.; VESELOV, V.T., inzh.

Studying the model of a wet ash collector with a gas overfeed system. Teploenergetika 9 no.1:11-14 Ja '62. (MIRA 14:12)

1. Yuzhnoye otdeleniye Gosudarstvennogo tresta po organizatsii i ratsionalizatsii elektrostantsiy.
(Gases--Purification)
(Electric power plants--Equipment and supplies)

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PESTRYAKOV, A.D.

Establishing a network of control points for mine surveying during the swelling of the ground in mine workings. Ugol' 40 no.3:69-71 Mr '65. (MIRA 18:4)

1. Shakhta No.27 tresta Krzhzhyanovskugol', Donbass.

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IZAKSON, Khanaan Il'ich, inzh.; PESTRYAKOV, A.I., red.; FEDOTOVA, A.F., tekhn. red.

[Self-propelled SK-3 and SK-4 combines]Samokhodnye kombainy SK-3 i SK-4. Izd.2., perer. i dop. Moskva, Sel'khozizdat, 1962. 342 p. (MIRA 15:9)

1. Glavnyy konstruktor Gosudarstvennogo spetsial'nogo konstruktorskogo byuro po samokhodnym kombaynam pri Taganrogskom kombaynovom zavode (for Izakson).
(Combines (Agricultural machinery))

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DATSYKOV, V.V.; VOLOD'KO, I.F.; KUNDZICH, M.M.; PESTRYAKOV, A.I., red.; GOR'KOVA, Z.D., tekhn.red.; PROKOF'YEVA, L.N., tekhn.red.

[Water supply on desert pastures] Obvodnenie pustynnykh pastbishch. Moskva, Gos.izd-vo sel'khoz.lit-ry, 1960. 183 p. (MIRA 14:2)

(Pastures and meadows) (Water-supply, Rural)

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

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001240

MUKHIN, Aleksandr Alekseyevich; PESTRYAKOV, A.I., inzh., nauchnyy red.; SEREBRENNIKOVA, L.A., red.; SUSHKEVICH, V.I., tekhn.red.

[Methods for efficient utilization of tractor-driven machinery] Metody ratsional'nogo ispol'zovaniia traktornykh agregatov. Moskva, Vses.uchebno-pedagog.izd-vo Trudrezervizdat, 1957. 102 p. (MIRA 14:1)

(Agricultural machinery)

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

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001240

YEROKHIN, Nikolay Georgiyevich; KUPERSHMIDT, V.L.; EFROS, V.V.; PESTRYAKOV, A.I., red.; ZUBRILINA, Z.P., tekhn.red.

[Handbook for "Universal" DT-24, T-28, T-28M tractors] Spravochnik po traktoram "Universal" DT-24, T-28, T-28M. Moskva, Gos.izd-vo sel'khoz.lit-ry, 1960. 215 p. (MIRA 13:12)

(Tractors)

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

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DOLMATOVSKIY, Yuriy Aronovich; TREPENENKOV, Igor' Isidorovich; PESTRYAKOV, A.I., red.; PROKOP'YEVA, L.N., tekhn.red.

[Tractors and automobiles; brief manual] Traktory i avtomobili; kratkii spravochnik. Izd.3., ispr. i dop. Moskva, Gos.izd-vo sel'khoz.lit-ry, 1960. 364 p. (MIRA 14:1)
(Tractors) (Automobiles)

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

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001240

KRYUGER, Georgiy L'vovich; SHLAPAKOV, Nikolay Petrovich; PESTRYAKOV, A.I., red.; ZUBRILINA, Z.P., tekhn.red.

[Catalog of spare parts for cotton growing machinery] Katalog zapasnykh chastei k mashinam po vozdelyvaniiu khlopchatnika. Moskva, Gos.izd-vo sel'khoz.lit-ry, 1959. 91 p. (MIRA 13:2)
(Agricultural machinery--Catalogs) (Cotton growing)

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

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BOGDASHIN, A.S.; BOGORODSKIY, A.A.; VINGARDT, M.B.; GORBUNOV, V.I.; GORBUNOV, V.R.; DUROV, V.K.; YERMAKOV, A.L.; IVANOV, A.A.; KARAKOVA, N.I.; KOBYLYAKOV, L.M.; KOZLOVSKIY, N.I.; MARAKHTANOV, K.P.; MIRUMYAN, G.N.; NECHETOV, G.P.; NOVIKOV, A.G.; OL'KHOVSKIY, K.I.; PESTRYAKOV, A.I.; POLAPANOV, A.V.; SKLYAREVSKAYA, Ye.Kh.; SOLDATENKOV, S.I.; SOROKIN, Ye.M.; TRUSHINA, Z.V.; FEDOROV, P.F.; FEDOSEYEV, A.M.; FROG, N.P.; SHAMAYEV, G.P.; YANOVSKIY, V.Ya.; OREKHOV, A.D., spetsred.; DEYEVA, V.M., tekhn.red.

[Handbook on new agricultural machinery] Spravochnik po novoi tekhnike v sel'skom khoziaistve. Moskva, Gos.izd-vo sel'khoz. lit-ry, 1959. 364 p. (MIRA 13:2)
(Agricultural machinery)

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

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001240

GAVRILYUK, Yakov Timofeyevich; PESTRYAKOV, A.I., red.; DEYEVA, V.M., tekhn.red.

[Repair of the U-5M and SM-1 engines] Remont dvigatelei U-5M i SM-1. Izd.3., perer. Moskva, Gos.izd-vo sel'khoz.lit-ry, 1960. 206 p. (MIRA 13:8)
(Gas and oil engines--Maintenance and repair)

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

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001240

GAYVORONSKIY, Aleksandr Grigor'yevich; GOROZHANKIN, Viktor Ivanovich; MERILOV, A.Ya., inzhener, redaktor; [redacted], redaktor; FEDOTOVA, A.F., tekhnicheskiy redaktor

[The DT-54 tractor and its modifications] Traktor DT-54 i ego modifikatsii. Pod red. A.IA.Merilova. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1957. 246 p. (MIRA 10:6)
(Tractors)

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

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001240

ALEKSEYEV, N.A.; ASLANOV, A.N.; VASIN, G.D.; VORONINA, Ye.P.; GRIGORENKO, G.P.; GRUSHIN, F.Ye.; DEPARMA, V.N.; DRESVYANNIKOVA, D.F.; DUBININA, K.F.; KITAYEV, I.Ye.; KULIKOV, N.N.; MANUKOV, N.P.; MEL'NIKOV, A.I.; REZNOV, I.P.; PESTRYAKOV, A.I., redaktor; PAVLOVA, M.M., tekhnicheskiy redaktor; SOKOLOVA, N.N., tekhnicheskiy redaktor

[Mechanization and electrification at the All-Union Agricultural Exhibition; 1956 guidebook] Mekhanizatsiia i elektrifikatsiia na Vsesoiuznoi sel'skokhozialstvennoi vystavke; putevoditel', 1956. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1956. 305 p. (MLRA 10:3)
(Moscow--Agricultural machinery--Exhibitions)

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

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001240

SEMENYUK, Ivan Markovich, kandidat tekhnicheskikh nauk; BOROSHOK, Lev Abramovich, inzhener; PESTUNAKOV, A.I., redaktor; BALLOD, A.I., tekhnicheskiy redaktor

[Repair of checkrow planters] Remont kvadratno-gnezdovykh mashin. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1956. 159 p. (MLRA 10:4)
(Planters (Agricultural machinery))

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

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001240

SHANTYR', Margarita Viktorovna; PESTRYAKOV, A.I., redaktor; SMIRNOV, G.I., tekhnicheskiy redaktor

[Manual on machinery (tractors); a textbook for students] Rukovodstvo po mashinovedeniiu (traktor); posobie dlia uchashchikhsia. Moskva, Gos.uchebno-pedagog. izd-vo M-va prosv.RSFSR. Pt.2. 1957. 222 p. (MLRA 10:9)

(Tractors)

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

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001240

ABRAMOV, Ye.I.; YEROKHIN, N.G.; EFROS, V.V.; SARKISYANTS, Ye.A., redaktor; PESTRYAKOV, A.I., redaktor; GOR'KOVA, Z.D., tekhnicheskiy redaktor

[Disassembling and assembling the DT-24 tractor] Razborka i sborka traktora DT-24. Pod red. E.A.Sarkisiantsa. Moskva, Gos.izd-vo sel'khoz.lit-ry, 1957. 291 p. (MLRA 10:10)
(Tractors)

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

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001240

GAYVORONSKIY, Aleksandr Grigor'yevich; GOROZHANKIN, V.I.; KATS, I.I.; SANDIGURSKIY, D.M.; PESTEYAKOV, A.I., red.; BALLOD, A.I., tekhn.red.

[Dismantling and assembling the DT-54 tractor and its variant models] Razborka i sborka traktora DT-54 i ego modifikatsii. Izd. 2., ispr. i dop. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1958. 423 p., diagrs. (MIRA 12:2)

(Tractors)

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

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001240

VORONIN, B.G., redaktor; KOGAN, Ye.A., redaktor; KRYLOV, G.A., redaktor; KUCHUMOV, P.S., redaktor; PICEUGIN, N.P., redaktor; VOL'POVSKAYA, D.N., redaktor; PESTRYAKOV, A.I., redaktor; VESKOVA, Ye.I., tekhnicheskiy redaktor

[Over-all mechanization of agricultural production] Kompleksnaia mekhanizatsiia sel'skokhoziaistvennogo proizvodstva. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1956. 615 p. (MLRA 10:4)
(Farm mechanization)

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001240

KOVAL', Ivan Andreyevich; VAKHTEL', Viktor Yul'yevich; PESTRYAKOV, A.I., red.; FEDOTOVA, A.F., tekhn. red.

[New engines for tractor-drawn combines] Novye dvigateli dlia pritsepnykh kombainov. Moskva, Gos. izd-vo sel'khoz. lit-ry. 343 p. (MIRA 11:8)

(Farm engines) (Combines (Agricultural machinery))

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

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001240

GAYVORONSKIY, Aleksandr Grigor'yevich; GOROZHANKIN, V.I.; KATS, I.I.; SANDIGURSKIY, D.M.; MERILOV, A.Ya., inzhener, redaktor; PESTRYAKOV, A.I., redaktor; VESKOVA, Ye.I., tekhnicheskiy redaktor

[Taking apart and assembling a DT-54 tractor] Razborka i sborka traktora DT-54. Pod red. A.IA.Merilova. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 338 p. (MLRA 9:10)

(Tractors--Repairing)

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

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001240

BOYKOV, Petr Ivanovich; DRONG, I.I.; PRITSKER, P.Ya.; RUBINSHTEYN, Sh.Ya.; TARASOV, A.M., inzhener, redaktor; PESTRYAKOV, A.I., redaktor; FEDOTOVA, A.F., tekhnicheskiy redaktor

["Belarus" MTS-1 and MTZ-2 tractors] Traktory "Belarus'" MTS-1 i MTZ-2. Pod red. A.M.Tarasova. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 350 p. (MLRA 9:12)
(Tractors)

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PESTRYAKOV, I.V., inzh.

Prefabricated elements supply center pipeline construction in the East. Stroi.truboprov. 6 no.7:3-4 Jl '61. (MIRA 14:8)

1. Zavod zhelezobetonnykh izdeliy i stroydetaley, pos. Novo-Sineglazovo.
(Novo-Sineglazovo—Reinforced concrete)

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001240

FISTYANOV, V. I.

Design of parts and units for radio apparatuses; condensators, coils, switches. Moskva, Gos. energ. izd-vo, 1947. 2 6 p. (40-2695)

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Pestryakov, V.B.

Call No. AF 1126228

AUTHOR: Pestryakov, V. B.

TITLE: Directional Radio-navigation Systems (Radio navigatsionnyye uglomernyye sistemy)

PUB. DATA: Gosudarstvennoye energeticheskoye izdatel'stvo, Moscow-Leningrad, 1955, 304 pages, 5,000 copies.

ORIG. AGENCY: None

EDITOR: Shamshur, V.I; Tech. Ed.: Larionov, G.Ye.

PURPOSE: The book is intended for radio engineers designing and operating directional radio-navigation systems and for the use of technical and navigating personnel.

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Directional Radio-navigation Systems. (Cont.)

COVERAGE: This book represents an attempt to generalize and systemize the results of accumulated experience in the production of radio-navigational equipment with regard to the general theory, operational principles, characteristics and design.

Chapter I describes briefly the process of directing the movement and determining the position of the craft. Comprehensive information about the physical and geometrical principles of navigation by use of directional radio-navigation systems is also given.

Chapter II deals with the mathematical investigation and evaluation of errors introduced during the operation of radio-navigation system. For remaining coverage see Table of Contents. There are 62 references; all USSR.

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Directional Radio-navigation Systems. (Cont.)

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Directional Radio-Navigation Systems. (Cont.)

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PESTRYAKOV, V.B.

General use of semiconductors in radio apparatus. Elektrosviaz' 10 no.9:3-12 S '56. (MLRA 9:11)
(Semiconductors) (Radio--Apparatus and supplies)

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PETRYAKOV, . . .

[illegible]ient use of fertilizers. Zemledelie 27 no.9:68-70 S '65.
(MIRA 18:10)

1. Zamestitel' zavedyuyushchego sel'skokhozyaystvennym otdelom Leningradskogo oblastnogo komiteta Kommunisticheskoy partii Sovetskogo Soyuza.

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AUTHOR: Bondarenko, A. N.; Kirovoshchekov, G. V.; Marennikov, S. I.; Pestryakov, Ye. V.; Savvinykh, G. A.

ORG: Institute of Physics of Semiconductors, SO AN SSSR, Novosibirsk (Institut fiziki poluprovodnikov SO AN SSSR)

60
57
B

TITLE: Excitation of ultrasonic oscillations in crystals under the effect of a ruby laser beam

SOURCE: Fizika tverdogo tela, v. 8, no. 8, 1966, 2490-2492

TOPIC TAGS: ruby laser, laser emission, ultrasonic oscillation, KDP crystal, nonlinear optics

ABSTRACT: The authors describe briefly the conditions for the excitation of ultrasonic oscillations in a KH_2PO_4 crystal by the emission of a ruby laser. The crystal was 15 x 15 x 4.8 mm along the x, y, and z axes, respectively. Several experiments were performed to clarify the excitation mechanism of these oscillations. A design of the experimental set-up used is described and shown (Fig. 1). The Q-switched laser beam (rotating prism) (~10 Mw), passing through the glass plate (b) and lens (c1) with a focal length F=210 mm, falls on the crystal (d) fixed on a revolving stand between two lead foil electrodes. A part of the emission, reflected from the plate (b),

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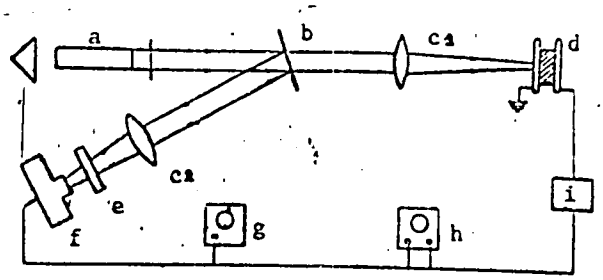

Fig. 1. Diagram of the experimental set-up

passes through the lens (c2) and several filters (e) and falls on the photomultiplier FEU-22 (f), the signal from which then starts the oscillograph (h) (C1-8), recording the emf from the electrodes. The level of laser oscillation was controlled by the oscillograph (g) (C1-4); the signal was amplified by the amplifier. Ultrasonic oscillations were also recorded when ADP, quartz, and $PbZrTiO_3$ crystals were irradiated with a ruby laser beam. The crystal oscillation amplitude decreased with an increase in laser radiation density at the free crystal surface. This change is possibly associated with increased signal attenuation due to local (at the focus) heating of a crystal or with a decrease in the absorption coefficient at higher laser radiation

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densities. The effect of electrostriction appears small. The results of the experiment show that in order to determine the power of laser emission it is sufficient to measure the initial amplitude of the crystal oscillations, which is independent of the degree of focusing the laser beam on the surface of a piezocrystal covered with a (0.03 mm) lead foil with a high-reflectivity factor. In conclusion, the authors express their gratitude to V. N. Ishchenko, N. D. Lizunov, and M. L. Baybakov for useful discussions and for assistance in the experiments. Orig. art. has: 2 figures. [26]

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SOLOVYEVA, S. V.

PESTRYAKOVA, S. V.: "Investigation of the technology of cutting an irrigation network and planting and inter-row cultivation of nursery vegetable crops using the furrow-terrace method (under the conditions of Rostov Oblast)." Moscow Order of Lenin Agricultural Academy imeni K. A. Timiryazev. Moscow, 1956. (Dissertations for the Degree of Doctor in Agricultural Sciences).

SO: Knizhnaya Letopis' No. 22, 1956

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L'VOV, Aleksey Andreyevich, prepodavatel'; PESTRYAKOVA, S.V., red.; MAKHOVA, N.N., tekhn.red.

[Mechanization and electrification of agriculture] Mekhanizatsiia i elektrifikatsiia sel'skogo khoziaistva. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1957. 421 p. (MIRA 11:4)

1. Anapskiy sel'skokhozyaystvennyy tekhnikum (for L'vov)
(Agricultural machinery) (Rural electrification)

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BALYBERDIN, Grigoriy Yakovlevich, inzh.; MAL'GIN, Andrey Dmitriyevich, inzh.; PESTRYAKOVA, S.V., red.; BANNIKOV, S.A., red.; FEDATOVA, A.F., tekhn.red.; GUREVICH, M.M., tekhn.red.

[Mechanization of heavy operations in stockbreeding] Mekhanizatsiia trudoemkikh protsessov proizvodstva v zhivotnovodstve. Moskva, Gos. izd-vo sel'khoz.lit-ry, 1958. 495 p. (MIRA 11:12)
(Farm mechanization) (Stock and stockbreeding)

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

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001240

KARPENKO, Aleksandr Nikolayevich, akademik, professor; POLEVITSKIY, Konstantin Aleksandrovich, professor; PESTRYAKOVA, S.V., redaktor; BALLOD, A.I., tekhnicheskiy redaktor

[Agricultural machines and implements] Sel'skokhozyaistvennye mashiny i orudiia. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1956. 527 p. (MLRA 10:3)

1. Moskovskaya Ordena Lenina sel'skokhozyaystvennaya akademiya im. K.A.Timiryazeva (for Karpenko). 2. Leningradskiy sel'skokhozyaystvennyy institut (for Polevitskiy)
(Agricultural machinery)

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

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001240

DOLZHENKOV, Andrey Timofeyevich, kandidat tekhnicheskikh nauk; ZOLOTAREV, G.A., kandidat tekhnicheskikh nauk; LEVITSKIY, I.S., kandidat tekhnicheskikh nauk; SAN'KOV, V.M., kandidat tekhnicheskikh nauk; PESTRYAKOVA, S.V., redaktor; FEDOTOVA, A.F., tekhnicheskiy redaktor

[Repair work] Remontnoe delo. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 559 p. (MLRA 9:9)

(Machinery--Maintenance and repairs)

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

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001240

BERNSHTEYN, Grigoriy Davidovich; PESTRYAKOVA, S.V., redaktor; PAVLOVA, M.M., tekhnicheskiy redaktor

[Fuel and lubricants] Toplivo i smazochnye materialy. Izd. 2-oe, perer. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 294 p. (MIRA 9:10)
(Fuel) (Lubrication and lubricants)

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

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001240

PESTRYAKOVA , T. S.

PESTRYAKOVA, T. S.- "Laws of the Field of Attraction of Anopheles in Connection with the Biological Foundations of Epidemiology and Prophylaxis of Malaria." Tomsk State U imeni V. V. Kuybyshev, Tomsk, 1955 (Dissertations For the Degree of Candidate of Biological Sciences)

SO: Knizhnaya Letopis' no. 26, June 1955, Moscow

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

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001240

BASKAKOV, A.P.; PESTRYAYEV, A.S.

Laws of pseudo-liquefaction of a polydisperse material.
Inzh.-fiz. zhur. 5 no.6:8-12 Je '62. (MIRA 15:12)

1. Ural'skiy filial AN SSSR, Sverdlovsk.
(Fluidization)

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

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001240

PESTSOV, G.V., inzh.

Effective controlling of the electric drive of dredge pumps.
Mekh.stroi. 16 no.11:23-25 N '59. (MIRA 13:5)
(Dredging machinery--Electric driving)

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

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001240

PESTSOV, S.V., inzh.

Increasing the productivity of 8 NZU-type excavating pumps. Trudy VNIIGSM 35:129-133 '60. (MIRA 14:9)
(Excavating machinery)

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

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001240

USSR/Medicine - Injection, Intraspongiosal Jun 49
Medicine - Therapeutics

"Injection of Medicinals Into the Exterior Ankle," Prof M. I. Levantovskiy, V. I. Pestun, Chair of Faculty Surg, Chkalov Med Inst, ½ p

"Sov Med" No 6

Tests on 56 patients with 110 intraspongiosal injections of various drugs into the substantia spongiosa proved a satisfactory substitute for intravenous injection. Most suitable and safe area for injection is the exterior ankle.

52/49T65

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

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001240

PESTUN, V.P.; SHUSTER, A.O., red.; KONTAR, K.F., tekhn.red.

[The Ukraine in photographs; album compiled from photographs shown at two photoexhibitions: "Soviet Ukraine", 1960 and ".The seven-year plan in action", 1961] Ukraina u fotoiliustratsiiakh; al'bom pobudovano na osnovi ekspozytsii respublikans'koi fotovystavky "Radians'ka Ukraina", 1960 r. Ta robit ukrains'kykh fotomaistriv, predstavlenykh na Vsesoiuznii vystavtsi "Semyrichka v dii," 1961 r. Kyiv, Derzh. vyd-vo obrazotvorchoho mystetstva i muzychnoi lit-ry URSR, 1961. [11] p. illus. ___ Supplement. (MIRA 15:3)

(Ukraine--Views)

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

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001240

SOV/68-59-8-6/32

AUTHOR: Pestunov, D.V.

TITLE: Modernisation of a Wagon Tippler (Modernizatsiya vagonooprokidyvatelya)

PERIODICAL: Koks i khimiya, 1959, Nr 8, p 17 (USSR)

ABSTRACT: An outline of the deficiencies of a wagon tippler built by DZMO in 1952 and its redesign is briefly outlined.

ASSOCIATION: Rutchenkovskiy koksokhimicheskiy zavod (Rutchenkovsky Coking Works)

Card 1/1

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

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001240

PESTUNOV, V.M., inzh.

Measuring cutting forces in machining holes. Mashinostroenie no. 4:23-25 Jl-Ag '63. (MIRA 17:2)

1. Kirovogradskiy filial Khar'kovskogo politekhnicheskogo instituta.

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

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001240

PESTUNOV, V.M.

Slip-ring device. Mashinostroitel' no.9:19 S '62. (MIRA 15:9)

(Electric measurements)

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

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001240

PESTUNOV, V.M., inzh.

Device for measuring torsional vibrations of a rotating shaft. Mashinostroenie no.3:76-77 My-Je '63. (MIRA 16:7)

1. Khar'kovskiy politekhnicheskiy institut.
(Slafting—Vibration)

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

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001240

PESTUNOV, V.M., inzh.

Measurement of dynamic loads in machine-tool drives. Mashinostroenie no.6:19-21 N-D '62. (MIRA 16:2)

1. Khar'kovskiy politekhnicheskiy institut.
(Machine tools)

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

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001240

PESTUNOV, V.M.

Device for measuring and recording longitudinal vibrations of the tail spindle of a power head. Stan.i instr. 33 no.11:41-42 N '62. (MIRA 15:11)

(Vibration—Measurement)

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

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001240

KOROLEV, F. K.; PESTUNOV, V. M.

Causes for the breakdown of drills in machining with power heads. Mashinostroitel' no.10:25 O '62. (MIRA 15:10)

(Drilling and boring)

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

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001240

KOROLEV, F.K.; PESTUNOV, V.M.

Device for measuring the acceleration of rotating shafts.
Mashinostroenie no.4:116 Jl-Ag '62. (MIRA 15:9)
(Shafting) (Electronic instruments)

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

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001240

PESTUNOV, V.M.

Device for measuring torsional vibrations of the power-head spindle. Stan. i instr. 34 no.11:35-36 N '63. (MIRA 16:12)

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

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001240

FESTUNOV, V.M.

Kinematic check of the cam profile. Mashinostroitel' no.9:35 S '63. (MIRA 16:10)

(Measuring instruments)

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

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001240

PESTUNOVICH, A., prepodavatel'

Drawing board for the study of plan reading. Prof.-tekh.obr. 17 no.6:20 Je '60. (MIRA 13:7)

1. Technicheskoye uchilishche No.1, g.Gor'kiy.
(Mechanical drawing--Study and teaching)

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

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001240

KORSHUNOV, I.A.; NOVOTOROV, N.F.; AMENITSKAYA, R.V.; OKROKOVA, I.S.; PESTUNOVICH, N.A.; DUBOVSKAYA, V.N.; LEONOV, M.R.; GLAZOV, V.M.

Synthesis of organic compounds tagged with radioactive carbon. Radiokhimiia 1 no.6:728-733 '59. (MIRA 13:4)
(Carbon--Isotopes) (Organic compounds)

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

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001240

RA[illegible]IVAYEV, G.A., ABRAMOV, G.A., [illegible]

Structure of the [illegible] Mn-[illegible] hydrazinium. [illegible] (MIRA [illegible])

1. [illegible]

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

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001240

PESTUSHKO, P.I.

[Design and manufacture of metal-cutting tools; summary of lectures] Proektirovanie i proizvodstvo rezhushchego instrumenta; konspekt lektsii. Khar'kov, Ukr. zaochnyi politekhn. in-t. Pt.2. 1960. 136 p. (MIRA 18:3)

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

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001240

PESTUSHKO, YE. I.

62/49T39

USSR/Medicine - Herbs
Medicine - Botany

Jul/Aug 48

"Problem of the Propagation of the Allionia Nyctaginea Michx., Endemic North America and in the USSR," Ye. I. Pestushko, Bot Garden, Dnepropetrovsk State U, 2 pp

"Botan Zhur" Vol XXXIII, No 4

Species Allionia nyctaginea Michx. has been spreading rapidly in southern Russia. In 1942, it was observed along the Dolgintsevo Stalinskiy RR (Krivoi Rog), and in 1944 it was discovered at the Collection Nursery of Herbaceous Plants, Bot Garden, Dnepropetrovsk State U. Submitted 15 Nov 46.

FDD

62/49T39

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

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001240

Pastushko, Ye. I.

PASTUSHKO, Ye.I.

Viability and development of geohelminth eggs in the Dnepropetrovsk area. Med.paraz. i paraz.bol. supplement to no.1:70-71 '57. (MIRA 11:1)

1. Iz kafedry biologii i parazitologii Dnepropetrovskogo meditsinskogo instituta.

(DNEPROPETROVSK REGION--WORMS, INTESTINAL AND PARASITIC)

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

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001240

Pesty, L.

665/40 621.355.2

Improvement of automobile batteries by the application of silica gel. L. Pesty. Elektrotechnika, Vol. 52, 1959, No. 8—9, pp. 353—356, 1 fig., 6 tabs.

Improvement and the simultaneous reduction of lead requirements are constant problems all over the world. At the suggestion of the author, silica gel is being added to the plate paste in Hungarian factories. Silica gel gives the plates increased porosity, increasing the starting and storage capacities. However it does not reduce battery life — as did the additives previously used — but, on the contrary, ensures an increase of 15—20%. 0.3% of silica gel is added for positive plates, 0.6% for negative plates.

2

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

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001240

PELTY, I.

The use of radioisotopes in investigations concerning lead batteries. p. 105.

KOHASZATI LAPOK. (Magyar Banyaszati es Kohaszati Egyesulet) Budapest, Hungary
Vol. 14, no. 2/3, Feb./Mar. 1959.

Monthly list of East European Accessions (EEAI), LC, Vol. 8, No. 8, August 1959
uncla.

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

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001240

PESTY, L.
Elect. Eg

ELECTROTECHNIKA
Vol 50, Nr 3, March, 1957

1-Rm1
1 Gum

PESTY, L.

"The Production of Electrical Energy from Atomic PoNer

The author describes in chronological order the sources working with atomic power beginning from pioneer work of Moseley until today.

December 16, 1957 Rm1

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

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001240

PESTY, L.

PESTY, L. The development of alkaline nickel accumulators. p. 18.

Vol. 11, no. 14, July 1956
MUSZAKI ELET
TECHNOLOGY
Budapest, Hungary

So: East European Accession, Vol. 6, No. 5, May 1957

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

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001240

PA 574, 2

HUNGARY/General Questions. A

Abs Jour: Ref Zhur-Khimiya, No. 7, 1957, 21035

Author : Pesty, L.
Inst : None
Title : The forgotten Hungarian scientista Istvan Farbaky and Istvan Schenek.

Orig Pub: Muszaki elet, 1956, 11, No. 1, 24-25 (published in Hungarian)

Abstract: I. Farbaki and I. Schenek - professors of mining and forrestry institute in the city of Schelmetzbanya (Hungary). In 1885 they have worked out an original construction of a battery, best at that time.

Card 1/1

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

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001240

PESTY, Laszlo

Chemical and physicochemical analysis of zinc from the point of view of the galvanic battery industry. Koh lap 93 no.7:317-323 Jl '60.

1. Villamosipari Kutatointezet osztalyvezetojo.

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

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001240

LASZLO, PESTY

HUNGARY/Electronics - Photocells and Semiconductors II-8

Abs Jour : Ref Zhur - Fizika, No 7, 1958, No 16094

Author : Pesty Laszlo
Inst : Not Given
Title : Direct Transformation of Solar Energy Into Electricity

Orig Pub : Villamossay., 1957, 5, No 4-5, 115-119

Abstract : Description of the use of thermal generators and silicon photodiodes for direct transformation of solar energy into electricity.

Card : 1/1

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

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001240

Pesty, L.

Latest evolution of atom and light elements. p.146

VILLAMOSSAGE. (Magyar Elektrotechnikai Egyesulet)
Budapest, Hungary. Vol.7, no.5, 1959

Monthly List of East European Accessions (EEAI) LC, Vol.8, no.11
November 1959
Uncl.

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

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001240

/ZSYY

[illegible]	: Chemistry	H-12
CATEGORY	:	
ABS. JOUR.	: RZKhim., No. 5 1960, No.	18564
AUTHOR	: Pesty, L.	
	: Not given	
TITLE	: The Application of Radioactive Isotopes in the Study of Reactions Occurring in Lead-Acid Accumulators	
ORIG. PUB.	: Kohasz Lapok, 14, No 2-3, 105-108 (1959)	

ABSTRACT : The experiments of Hermann and Praepstl [?] in the Bosch Co. laboratory are described. As is known, migration of the Sb in the grid to the plate is observed to take place in portable accumulators. The addition of small amounts of radioactive Sb to the positive or negative grids makes it possible to trace the origin of the Sb found at the surface and in the bulk of the plates.

D. Pyushpeki

CARD: 1/1

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

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001240

PESTY, Laszlo

Improvement of car storage batteries by silica gel.
Elektrotechnika 52 no.8/9:383-386 '59.

1. A Villamossagi Kutato Intezet osztalyvezetoje.

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

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001240

FISCH, L.

Modern lead alloys for battery grids. [illegible]
(GOMASVA [illegible] K. Vol. 1, no. [illegible], [illegible], [illegible], August, [illegible]

SO: Monthly List of Russian Accessions, Vol. [illegible], No. [illegible], [illegible] 1953, Unclassified.

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

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001240

PESTY, L.

The direct conversion of solar energy to electric power.

P. 115. (Villamossag. Vol. 5, no. 4/5 July/Aug. 1957, Budapest, Hungary)

Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 2, February 1958

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

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001240

PESTY, L.

1

1746. THE DIRECT CONVERSION OF ATOMIC ENERGY TO ELECTRICAL POWER. L.Pesty. 621.311

Elektrotechnika, Vol. 50, No. 1-2, 38-41 (Jan.-Feb., 1957).

In Hungarian.

A brief summary is given of researches into the direct generation of electrical power from atomic energy. The paper describes the experiments and the equipment used by Moseley in 1913 and more recently by Linder and Christian, Ohmart, Coleman, Bartoff, Birden and Kenneth and Thomas. A bibliography of English and Russian publications on these experiments is included.

L.Churos

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

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001240

FEJTY, I.; [illegible]

ECONOMICAL [illegible] OF [illegible]-YARN TEXTILES.

p 51 (MAGYAR HIRADASTECHNIKA) BUDAPEST, HUNGARY Vol. [illegible] No. 1/2 [illegible]

SOURCE: MONTHLY INDEX OF EAST EUROPEAN ACCESSIONS (MEAI) Vol. 6, No. 11 NOVEMBER 1957

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

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001240

PETY, I.

Direct production of electric power from atomic power.

I. 38 (ELEKTROTECHNIKA) Budapest, Hungary Vol. 50, No. 1/2, Jan./Feb. 19[illegible].

SO: Monthly Index of East European Accessions (MEI) Vol. 6, No. 11 November 1957

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

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001240

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

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001240

PESTY, L.

Forgotten Hungarian scientists: Dr. Istvan Farbaky and Dr. Istvan Schenek. p.24. MUSZAKI ELET. (Muszaki es Termeszettudomanyos Egyesuletek Szovetsege) Budapest. Vol 11, no. 3, Feb 1956.

SOURCE: Vol 5, no. 7, July 1956.

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

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001240

PESTY, L.

PESTY, L.
Pioneer work of Dr. Istvan Farbany and Dr. Istvan Schenek in the Hungarian battery industry. p. 314

Vol. 48, No. 10, Oct. 1955 Budapest, Hungary ELEKTROTECHNIKA

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 5 No. 3, March, 1956

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

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001240

PESTY, L.

Sedimentary and micromineralogical investigation of the SA 12/A shallow boring at Sajohidveg, p. 188, FOLDTANI KOZLONY, BULLETIN OF THE HUNGARIAN GEOLOGICAL SOCIETY, (Magyar Foldtani Tarsulat) Budapest, Vol. 85, No. 2, Apr./June 1955

SOURCE: East European Accessions List (EEAL) Library of Congress, Vol. 4, No. 12, December 1955

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

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001240

Pesty, L.

57. On some problems of modern storage batteries. I. Pesty. Villamosipari Tudomány, Vol. 40, 1950, No. 3, pp. 70-80. 7 figs. 5 tabs.

The development of the Hungarian automobile industry has prompted the Central Research Laboratory of the Electrical Industry to extend its research work to storage batteries. Researchers in the field of automobile starter batteries are endeavouring throughout the world to economize on lead and to improve quality. Storage battery research in Hungary also seeks these aims. The results of direct and indirect saving of lead are described. The paper reports on the experiments conducted with very satisfactory results on storage battery plates with thin (reduced in thickness by 0.3 mm) lead skeletons. Still better results and a saving of lead could be obtained by thinning the negative plates 0,2 mm in excess of the positive plates. This is corroborated by foreign literature. The favourable experiences obtained with microporous pvc separators are described. The manufacturing process of pvc insulators and the present state of industrial application are dealt with. The pvc insulation considerably increases the life of storage batteries.

B7 acq

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

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001240

PESTY, P.

PESTY, P. Problems of modern storage batteries. p. 79

Vol. 49, no. 3, March 1956
ELEKTROTECHINKA
TECHNOLOGY
Budapest, Hungary

SO: East European Accession Vol. 6, no. 3, March 1957

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

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001240

USSR / Radiophysics I

Abs Jour : Ref Zhur - Fizika, No 4, 1957, No 10050

Author : Pestryakov, V.B.
Inst : Not given
Title : All Out Use of Semiconductors in Ra io Apparatus

Orig Pub : Elektrosvyaz', 1956, No 9, 3-12

Abstract : It is shown that it is possible to employ semi-conductors in 80 — 90% stages of radio apparatus. The technical features and the difficulties arising in this case are examined, and methods for their solution are indicated.

Card : 1/1

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BARAMIDZE, G.K., prof., doktor tekhn. nauk, red.; ASATIANI, L.R., red.; KALANDADZE, V.A., red.; PESVIANIDZE, A.V., red.; STEPANOV, A.V., red.; SULAKVRIDZE, Sh., red.izd-va; DZOTSENIDZE, Sh., tekhn. red.

[Ropeways] Kanatnye dorogi; sbornik statei. Tbilisi, Gos.izd-vo "Sabchota Sakartvelo," 1961. 286 p. (MIRA 15:6)
(Cableways)

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001240

PESVIANIDZE, A. V.

PESVIANIDZE, A. V.: "Investigation of the optimum parameters of a regulator for the centrifugal supply to the brake of a mine hoist." Min Higher Education USSR. Georgian Order of Labor Red Banner Polytechnic Inst imeni S. M. Kirov. Tbilisi, 1956. (Dissertation or the Degree of Candidate in Technical Science).

Source: Knizhnaya letopis' No. 28 1956 Moscow

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BARAMIDZE, K.M., prof.; PESVIANIDZE, A.V., dotsent; RUKHADZE, I.T., dotsent; ASATIANI, L.R., inzh.

Automatic control of the passenger cableway Chiatura-Perevisa. Izv.vys.ucheb.zav.; gor.zhur. no.3:98-104 '58. (MIRA 12:8)

1. Gruzinskiy politekhnicheskiy institut.
(Georgia--Cableways) (Automatic control)

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PESVIANIDZE, Anzor Viktorovich; D'YAKOVA, G.B., red. izd-va; SHKLYAR, S.Ya., tekhn. red.

[Selection and calculation of mine hoists] Vybor i raschet shakhtnykh pod"emnykh ustanovok. Moskva, Gosgortekhizdat, 1963. 211 p. (MIRA 16:7)

(Mine hoisting)

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PESVIANIDZE, D.I.

Preventing sand drifting. Put' i put. khoz. 7 no.10:33 '63. (MIRA 16:12)

1. Nachal'nik Ashkhabadskoy distantsii zashchitnykh lesonasazhdeniy Sredneaziatskoy dorogi.

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PESVIANIDZE, D.I.

Protecting a railroad line built in the desert. Transp. stroi. 8 no.1:22-23 Ja '58. (MIRA 12:12)

1. Nachal'nik otdela zashchitnykh lesonasazhdeniy Ashkhabadskoy dorogi.
(Kara Kum--Railroads--Maintenance and repair)

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PESVIANIDZE, D.I.

Controlling sand drifts. Put' i put. khoz. no.5:35-37 My '57.
(MLRA 10:6)

1. Nachal'nik otdela zashchitnykh lesonasazhdeniy slushby puti Ashkhabadskoy dorogi.
(Turkmenistan--Railroads)

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Ca

5

Secondary electron emission through films. I. F. Pevzatskii. *J. Tech. Phys. U. S. S. R.* 9, 1880-81 (1939). The secondary emission σ of Al is strongly lowered by Ag coats which are 10 atoms thick; a further deposition of Ag lowers σ less; at coats which are about 40 atoms thick σ reaches the value of pure Ag. Ag films 50-100 atoms thick were prepd. by depositing Ag on NaCl and dissolving the latter. When bombarded with electrons they emitted electrons both from the bombarded (emission factor σ_1) and the opposite (emission factor σ_2) side. σ_2 decreased, e. g., from 1 to 0.6 when the thickness of the film rose from 50 to 100 atoms; it increased with the velocity of the primary electrons investigated up to 1880 e. v. The distribution of the σ_2 electrons according to their velocity is identical with that of σ_1 electrons. I. I. Bikerman

AND TEA METALLURGICAL LITERATURE CLASSIFICATION

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Inertia measurements of the dynatron effect I. I. Pes'yatskii. *J. Tech. Phys. U.S.S.R.* 9, 191 - 1939. For the measurements Lissajous curves in a cathode oscillograph were used. The surfaces involved included gas free Ni and Ag, NaCl and Cs-Cs$_2$O. The time between the moment when primary electrons leave the cathode and when secondary electrons reach the collector is so small less than 10 [illegible] that it has no practical importance. I. I. Bikerman

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AUTHOR: Pep'yatskiy, I.F. and Khorosh, D.N.

"A Post-Acceleration System in Electron-Beam Tubes Permitting Retention of the Beam Deflection Sensivity in Large Deflections of the Feeding Voltage in the Second and First Anodes,"
A-U Sci Conf dedicated to "Radio Day," Moscow, 20-25 May 1957.

PERIODICAL: Radiotekhnika i Elektronika, Vol. 2, No. 9, pp. 1221-1224, 1957, (USSR)

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

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001240

[illegible], [illegible]; MORUZ-K[illegible], [illegible].

"The lithologic development of the Upper Jurassic limestones south of Checiny in the Gory Swietokrzyskie." p. 315

Polskie Towarzystwo Geologiczne. ROCZNIK. Kraków, Poland. Vol. 28, No. 3, 1958

Monthly List of East European Accessions (EAI) LC, Vol. 8, No. 6, June 1959
Uncl.

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

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001240

KAMIENSKI, Marian; PESZAT, Czeslaw; RUTKOWSKI, Jacek

Lithology of Grodischt sandstone in the Flysch Carpathians. Rocz geol Krakow 33 no.1/3:11-48 '63.

1. Department of Nonmetallic Mineral Deposits, School of Mining and Metallurgy, Krakow.

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

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001240

PESZAT, Czeslaw

The silicification of Cieszyn limestones at Leszna Gora near Cieszyn. (EEAI 10:1)
Kwartalnik geol 3 no.4:965-975 '59.

1. Katedra Zloz Surowcow Szklanych A.G.H.
(Poland--Limestone) (Poland--Silicification)

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

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001240

PESZAT, Czeslaw

Lithology of the Jurassic carbonate rocks between Tokarnia and Chmielnik. Acts geol Pol 14 no. 1: 1-78 '64.

1. Department of Nonmetallic Mineral Deposits, School of Mining and Mineralogy, Krakow.

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