"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001962810002-2

ZHINKIN, G.N., dots., kand. tekhn. nauk; PERETRUKHIN, N.A., st. nauchnyy sotr., kand. tekhn. nauk; KARASEV, Ya.M., dots., retsenzent; KASATKIN, A.I., inzh., retsenzent; KARPOV, K.N., dots., retsenzent; YERMAKOV, K.A., red.

[Roadbed construction in permafrost regions] Sooruzhenie zemlianogo polotna zheleznykh dorog v raionakh vechnoi merzloty; uchebnoe posobie po kursu "Stroitel'stvo zheleznykh dorog" dlia studentov dnevnogo, vechernego i zaochnogo obucheniia. Leningrad, Leningr. in-t inzhenerov zhel-dor. transporta im. V.N.Obraztsova, 1961. 61 p. (MIRA 16:3)

(Railroad engineering--Cold weather conditions)
(Frozen ground)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001962810002-2"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001962810002-2

ASTAF'TEV, A.A., kandidat tekhnicheskikh nauk; YERMAKOV, K.A., inshener.

Rapid heating in flame furnaces for the heat treatment of large-size parts. Trudy TSNIITMASH no.64:5-31 '54. (MLRA 9:1)
(Steel--Heat treatment)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001962810002-2"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001962810002-2

YERMAKOV, K.A., inzhener.

Effect of annealing temperatures on the mechanical properties of welded austenite steel test specimens. Trudy TSNIITMASH no.64: 105-116 '54. (MLRA 9:1)
(Austenite--Testing) (Steel--Heat treatment)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001962810002-2"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001962810002-2

YERMAKOV, K. A

USSR/Metallurgy - Metal treating

Card 1/1 Pub. 128 - 15/25

Authors : Astaf'yev, A. A., Cand. Tech. Sc., and Yermakov, K. A., Engineer

Title : High-speed heating of large forged pieces during thermal treatment

Periodical : Vest. mash. 35/4, 62-64, Apr 1955

Abstract : Experiments were conducted to determine the effect of temperature (hearth temperature) on the rate of heating of large forged pieces made of 9X steel 300 mm in diameter, which were introduced into the hearth at 850, 900, 950, and 1000°. It was established that an increase in hearth temperature from 850 to 1000° reduces the heating time from 210 to 83 min. and that the heating of the forged piece at a hearth temperature of 950 - 1000° warrant rapid and uniform heating of the entire piece. Graphs; drawing.

Institution : .....

Submitted : .....

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001962810002-2"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001962810002-2

ASTAF'YEV, A.A., kandidat tekhnicheskikh nauk; YERMAKOV, K.A., inzhener.

Efficient methods of quenching large forgings made of structural steel. Metalloved.i obr.met. no.4:35-45 Ap '56. (MLRA 9:8)

1. TSentral'nyy nauchno-issledovatel'skiy institut tekhnologii i mashinostroyeniya.
(Tempering) (Steel forgings--Heat treatment)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001962810002-2"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001962810002-2

YERMAKOV, K.A.

PETROV, L.S.; KULIKOV, Mikhail Vasil'yevich, redaktor; YERMAKOV, K.A., vedushchiy redaktor; GENNAD'YEVA, I.M., tekhnicheskiy redaktor.

[Devonian deposits in the northwestern Russian Platform (stratigraphy, facies, and history of the geological development).] Devonskie otlozheniia severo-zapada Russkoi platformy. Leningrad, Gos.nauchno-tekhn.izd-vo neft.i gorno-toplivnoi lit-ry, 1956. 174 p. (Leningrad. Vsesoiuznyi geologicheskii Institut. Trudy, no.97.) (MLRA 10:4)
(Russian Platform--Geology, Stratigraphic)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001962810002-2"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001962810002-2

KROTOVA, Valentina Artem'yevna; GATAL'SKIY, M.A., redaktor; RAGINA, G.A., redaktor; [redacted], K.A., redaktor; GENNAD'YEVA, I.M., tekhnicheskiy redaktor.

[Hydrogeology] Gidrogeologiia. Leningrad, Gos.nauchno-tekhn. izd-vo neftianoi i gorno-toplivnoi lit-ry, Leningradskoe otd-nie, 1956. 266 p. (Leningrad. Vsesoiuznyi neftianoi nauchno-issledovatel'skii geologorazvedochnyi institut. Trudy, no. 94). (MLRA 9:11)

(Volga Valley--Water, Underground)
(Ural Mountain region--Water, Underground)
(Petroleum geology)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001962810002-2"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001962810002-2

GOROZHANKIN, A.N., kand.tekhn.nauk; NOVITSKIY, V.K., kand.tekhn.nauk; KRYANIN, I.R., doktor tekhn.nauk; IODKOVSKIY, S.A., kand.tekhn. nauk; LADYZHENSKIY, B.N., kand.tekhn.nauk; MIL'MAN, B.S., kand.tekhn. nauk; KLOCHNEV, N.I., kand.tekhn.nauk; TSYPIN, I.O., kand.tekhn. nauk; LEVIN, M.M., kand.tekhn.nauk; BALDOV, A.L., inzh.; LYASS, A.M., kand.tekhn.nauk; CHERNYAK, B.Z., kand.tekhn.nauk; ASTAF'YEV, A.A., kand.tekhn.nauk; YERMAKOV, K.A., inzh.; GRIBOYEDOV, Yu.N., kand.tekhn.nauk; MYASOYEDOV, A.N., inzh.; BOGATYREV, Yu.M., kand. tekhn.nauk; UNKSOV, Ye.P., doktor.tekhn.nauk, prof.; SHOFMAN, L.A., kand.tekhn.nauk; PERLIN, P.I., inzh.; MOSHNIN, Ye.N., kand.tekhn. nauk; PROZOROV, L.V., doktor tekhn.nauk; CHERNOVA, Z.I., tekhn. red.

[Some technological problems in the manufacture of heavy machinery] Nekotoryye voprosy tekhnologii tiazhelogo mashinostroeniia. Moskva, Gos.nauchno-tekhn.izd-vo mashinostroit. lit-ry. Part I. [Steel smelting and casting; founding; heat treatment; shaping metals by pressure] Vyplavka i razlivka stali; liteinoe proizvodstvo, termicheskaia obrabotka, obrabotka metallov davleniem. 1960. 266 p. (Moscow. Tsentral'nyi nauchno-issledovatel'skii institut tekhnologii i mashinostroeniia. [Trudy] no. 98). (MIRA 13:7)
(Steel) (Founding) (Forging)

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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001962810002-2

S/123/61/000/007/006/026
A004/A104

AUTHORS: Astaf'yev, A.A., Yermakov, K.A.

TITLE: Developing an accelerated heating method for large-size forgings

PERIODICAL: Referativnyy zhurnal, Mashinostroyeniye, no. 7, 1961, 73, abstract 7B566 (V sb.: "Nekotoryye vopr. tekhnol. tyazh. mashinostr.", no. 1, Moscow, Mashgiz, 1960, 137 - 163)

TEXT: When heating large-size forgings 400-800 mm in diameter made from structural steel prior to hardening, normalization or annealing, accelerated heating conditions can be used by putting the charge into a furnace preliminarily heated to 850-950°C. The calculation of temporary internal stresses carried out on the basis of experimental data obtained by measuring the temperature during the heating process showed that an accelerated heating of large-size forgings is permissible. An equation was derived for the calculation of the temperature field of forgings at the initial and final heating stages. The authors present formulae for the calculation of the maximum temperature difference over the cross section and for the determination of the moment corresponding to the maximum temperature drop

Card 1/2

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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001962810002-2

Developing an accelerated heating method ... S/123/61/000/007/006/026
A004/A104

over the cross section. Accelerated heating conditions of large-size forgings have been introduced at the NKMZ (Kramatorsk). The application of these conditions cuts down the heat-treatment cycle by 30-35%. There are 26 figures and 6 references.

N. Il'ina

[Abstracter's note: Complete translation]

Card 2/2

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001962810002-2"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001962810002-2

VASIL'YEV, A.G.; YERMAKOV, K.A., red.

[Internal combustion engines] Dvigateli vnutrennego sgoraniia; uchebnoe posobie. Leningrad, Leningradskii institut inzhenerov zheleznodorozhnogo transporta im. akad. V.N. Obraztsova, 1961. 53 p. (MIRA 16:12)
(Internal combustion engines)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001962810002-2"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001962810002-2

VEVIOROVSKIY, I.V.; SUKHOPOL'SKIY, A.F.; CHUROV, A.I.; YERMAKOV, K.A., red.

[Diesel locomotive operation, maintenance and repair; a methodological textbook] Teplovoznoe khoziaistvo; uchebno-metodicheskoe posobie. Leningrad, In-t inzhenerov zheldor. transporta, 1964. 64 p. (MIRA 17:11)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001962810002-2"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001962810002-2

YERMAKOV, K.P.

With the help of the trade activists union. Vest. sviazi 24 no.10:28-29 O '64. (MIRA 17:12)

1. Predsedatel' Penzenskogo oblastnogo komiteta professional'nogo soyuza rabotnikov svyazi, rabochikh avtomobil'nogo transporta i shosseynykh dorog.

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001962810002-2"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001962810002-2

YERMAKOV, K. S.

Tractors

New construction of oil radiator for the KD-35 tractor. Avt. tradt. prom. no. 3, 1952.

Monthly List of Russian Accessions, Library of Congress, June 1952. UNCLASSIFIED

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001962810002-2"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001962810002-2

YERMAKOV, ~~Konstantin Semenovich;~~ TARASENKO, Nikolay Vasil'yevich; LUTOV, Viktor Mikhaylovich; GRECHKIVSKIY, V.S., inzh., red.; ROMANNIKOV, F., red.; KARZHAVINA, Ye., tekhn. red.

[New methods for chip breaking] Novoe v struzhkolomanii. Lipetsk, Lipetskoe knizhnoe izd-vo, 1960. 35 p. (MIRA 15:3)

(Metal cutting)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001962810002-2"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001962810002-2

[redacted], I.[redacted],

[redacted]rticle for the automatic switching off of a transformer.
Energ. prom. no.7:39 Jl '65. (MIRA 18:8)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001962810002-2"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001962810002-2

YERMAKOV, I.I.; TYABIN, V.Ye.; MIKHAYLOV, A.K. [deceased]; KOMISSAROV, B.M.; PYLEVA, V.N.; SVIRIDOV, A.Ye.; NIKITINA, V.N., redaktor izdatel'stva; KRYNOCHKINA, K.V., tekhnicheskiy redaktor

[Production norms for geodetic and topographical work in geological prospecting and geophysical organizations. Supplement to the unified production norms for geodetic and topographical work in the Chief Administration of Geodesy and Cartography of the Ministry of Interior of the U.S.S.R.] Normy vyrabotki na geodezicheskie i topograficheskie raboty geologo-razvedochnykh i geofizicheskikh organizatsii. Dopolnenie k edinym normam vyrabotki na geodezicheskie i topograficheskie raboty GUGK MVD SSSR 1954 g. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po geol. i okhrane nedr, 1956. 51 p. (MLRA 10:1)

1. Russia (1923- U.S.S.R.) Ministerstvo geologii i okhrany nedr. 2. Ministerstvo geologii i okhrany nedr SSSR (for Yermakov) 3. Ministerstvo neftyanoy promyshlennosti SSSR (for Pyleva) 4. Ministerstvo ugol'noy promyshlennosti SSSR (for Sviridov)
(Geodesy) (Cartography)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001962810002-2"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001962810002-2

YEMAKOV, M.

Kreditovanie individual'nogo zhilishchnogo stroitel'stva [Financing individual residential building construction]. Moskva, Gosfinizdat SSSR, 1952. 72 p.

SO: Monthly List of Russian Accessions, Vol. 6, No. 2, May 1953

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001962810002-2"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001962810002-2

YERMAKOV, M.

YERMAKOV, M.

Our experience in building machine-tractor stations. Sel'.stroi. 10 no.7:19-20 Jl'55. (MIRA 8:10)

1. Upravlyayushchiy treasta "Shekingastroy"
(Machine--Tractor stations)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001962810002-2"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001962810002-2

YERMAKOV, M. (Sverdlovsk)

In summer and in winter. Sov. profsoiuzy 20 no.3:27 F '64.
(MIRA 17:3)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001962810002-2"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001962810002-2

YERMAKOV, M.A.; VADYUTINA, Ye.V.

Acute inflammation of two vermiform appendixes in one patient. Mor. khir. arkh. no.2:124-125 Mr-Ap '59. (MIRA 12:7)

1. Khirurgicheskoye otdeleniye Cherkasskoy rayonnoy bol'nitsy. (Adres avtorov: s Krasnaya Sloboda, Cherkasskoy obl. rayonnaya bol'nitsa).
(APPENDICITIS)

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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001962810002-2

L 23284-66 EWT(m) WW/JW/JWD

ACC NR: AP5011506 SOURCE CODE: UR/0414/65/000/004/0078/0082

AUTHOR: Batsanov, S. S. (Novosibirsk); Deribas, A. A. (Novosibirsk); Dulepov, Ye. V. (Novosibirsk); Yermakov, M. G. (Novosibirsk); Kudinov, V. M. (Novosibirsk)

ORG: none

TITLE: Effect of an explosion on a substance. Dynamic compression of potassium nitrate

SOURCE: Fizika goreniya i vzryva, no. 4, 1965, 78-82

TOPIC TAGS: explosive compression, potassium nitrate, hexogen

ABSTRACT: The explosion compression of polycrystalline KNO_3 specimens was studied to compare the effectiveness of various explosion compression techniques. The first series of experiments were conducted in the previously described (S. S. Batsanov, A. A. Deribas. Nauchno-tekhnicheskiye problemy goreniya i vzryva, 1965, 1, 103) standard steel ampoule, 5 mm in diameter and 40 mm high, in which 0.7—1.2 g samples of KNO_3 were subjected to hexogen explosions (70—150 g). The second series of experiments were carried out in a similar steel ampoule, which was attached to a massive steel plate for a rapid cooling. The third series were conducted in a device consisting of a 20-mm thick steel plate with a recess for the KNO_3 sample. A thin plate, propelled by a

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L 23284-66

ACC NR: AP6011506

charge toward the sample, generates a shock wave which compresses the sample; the wave then reflects from the recess bottom to relieve the pressure on the plate and thus reduce the compactness of the sample. Chemical and physical changes were studied by infrared spectrography, x-ray, and chemical analyses. No chemical changes were observed in the compression by the first and second methods; formation of metallic K was observed in the flat compression method. The density ρ, dielectric constant ϵ, and refractive index remain practically unchanged in the first series of experiments, but in the second series, ρ decreased from 2.106 g/cm^3 to 2.098 g/cm^3 and ϵ, from 4.5 to 4.2. The most significant chemical changes in the KNO_3 occurred during the flat compression experiments. The refractive index increased from 1.45 to 1.98 and ϵ from 4.5 to 8.5, which confirms the formation of metallic K. Spectroscopic studies indicate the appearance of chemical defects in the specimen compressed in the flat ampoule. Orig. art. has: 3 figures and 1 table.

[PS]

SUB CODE: 19/ SUBM DATE: 14Jul65/ ORIG REF: 005/ OTH REF: 001/
ATD PRESS: 4230

Card 2/2 VLR

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001962810002-2"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001962810002-2

YERMAKOV, M.M., inzh., red.; MAZEL', Yu.S., inzh., red.; DUGINA, N.A., tekhn. red.

[Mechanization and automation in railroad car manufacture] Mekhanizatsiia i avtomatizatsiia v vagonostroitel'nom proizvodstve. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 183 p. (MIRA 15:4)

1. Uralvagonzavod, Nizhniy Tagil.
(Nizhniy Tagil--Railroads--Cars)
(Automatic control)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001962810002-2"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001962810002-2

SHATS, S.Ya.; KOLESNIKOV, L.P.; MATSKEVICH, V.I.; GARRIS, O.V.; YERMAKOV, M.M.; UDALOV, Ye.V.

A semiautomatic production line for manufacturing torsion springs for railroad cars. Prom.energ. 18 no.1:12 Ja '63. (MIRA 16:4)

(Car springs)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001962810002-2"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001962810002-2

YERMAKOV, M.S., kand.sel'skokhozyaystvennykh nauk dots.

Financial aspects and cost of state farm production. Trudy MIIZKH 11:38-81 '60. (MIRA 13:9)
(State farms)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001962810002-2"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001962810002-2

KUPERMAN, F.M., prof., red.; MEGHAYEVA, Ye.G., red.; YERMAKOV, M.S., tekhn. red.

[Biological control in agriculture; methods for determination, tables, and brief description of the phases of organogenesis in 50 plant species]Biologicheskii kontrol' v sel'skom khoziaistve; metodika opredeleniia, tablitsy i kratkoe opisanie etapov organogeneza 50 vidov rastenii. Moskva, Izd-vo Mosk. univ., 1962. 273 p. (MIRA 15:12)

(Botany, Economic) (Growth (Plants))

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001962810002-2"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001962810002-2

SOBOLEV, Leonid Vasil'yevich; GOL'DENBERG, G.S., red.; YERMAKOV, M.S., tekhn. red.

[Textbook on physics for students entering the institutions of higher learning] Posobie po fizike dlia postupaiushchikh v vuzy. Moskva, Izd-vo Mosk. univ., 1964. 359 p. (MIRA 17:2)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001962810002-2"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001962810002-2

BAYKOV, V.T.; BOLKHOVITINOV, V.F., prof., retsenzent; TRAPEZIN, I.I., dots., retsenzent; ROMASHEVSKIY, A.Yu., otv. red.; YERMAKOV, M.M., tekhn. red.

[Structural mechanics for airplanes] Stroitel'naia mekhanika samoleta. Moskva, MAI. Pt.1. [Statically determinate rod systems] Staticheski opredelimye sterzhnevye sistemy. 1950. 228 p. (MIRA 15:1)

(Structures, Theory of)
(Airplanes—Design and construction)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001962810002-2"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001962810002-2

YERMAKOV, M. V.

The nervous system and curbohydrates in the metabolism of invertebrates. Pid red. O.O. Vohomol'tsia. Kyiv, Vyd-vo Akademii nauk URSR, 1938. 94 p.

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001962810002-2"

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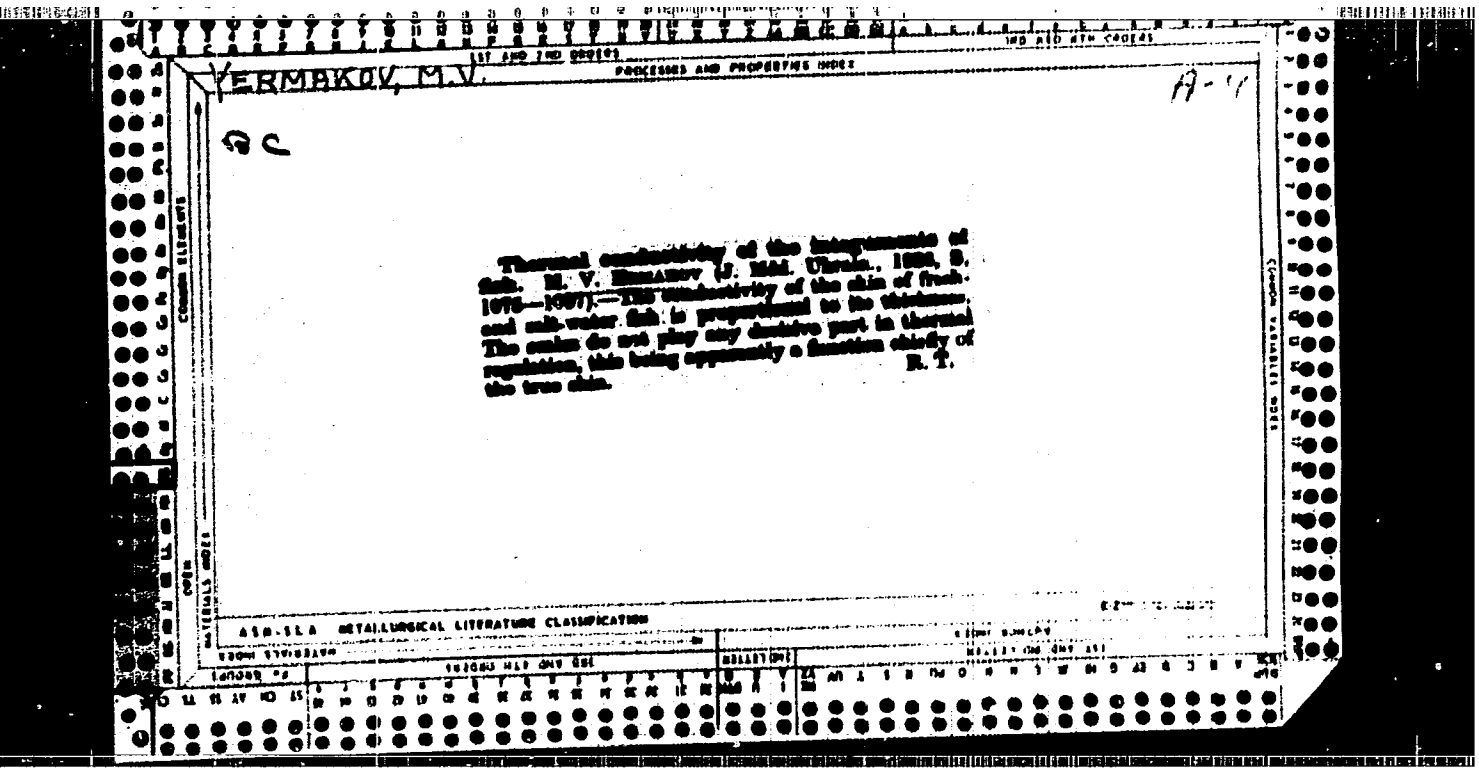

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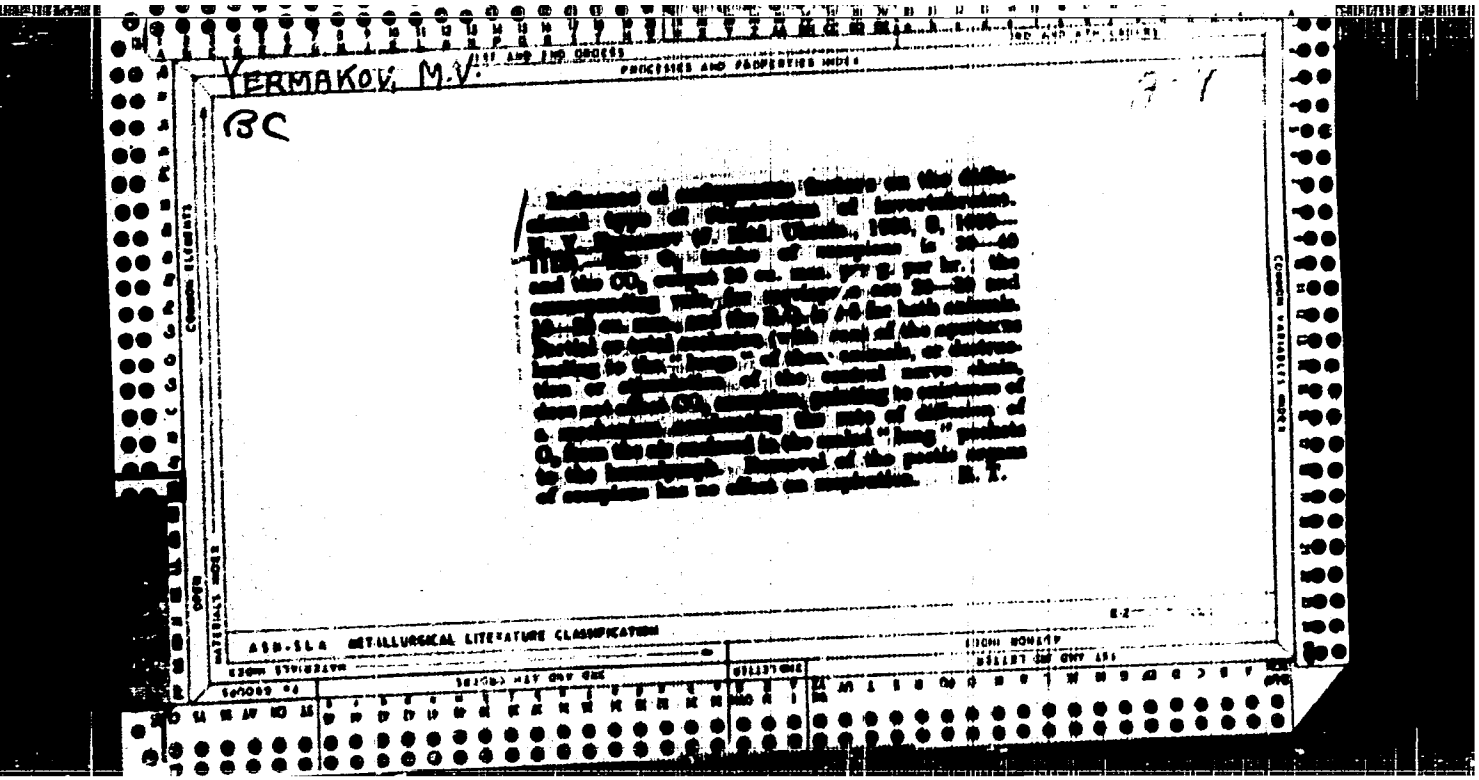

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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001962810002-2

YERMAKOV, M.V., prof.

Nervous system and metamorphosis in insects. Medych.zhur. 16:131-162 '47. (MIRA 10:12)

1. Z viddilu evolyutsii funktsiy (zav. - prof. M.V.Yermakov) Instytutu eksperimental'noi biologii i patologii Ministerstva okhorony zdorov'ya URSR (direktor - akad. O.O.Bogomolets' [deceased]).
(METAMORPHOSIS) (NERVOUS SYSTEM--INSECTS)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001962810002-2"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001962810002-2

1. YERMAKOV, M. V., Prof.
2. USSR (600)
4. Medicine
7. Methods of popularizing scientific knowledge. Medych zhur. No 1 1951.

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

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001962810002-2"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001962810002-2

1. YERMAKOV, M. V.

2. USSR (600)

4. Diseases - Causes and Theories of Causation

7. Development of the theory of nervosism in I. P. Pavlov's scientific activity. Medich.zhur., 21, no. 2, 1951.

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

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001962810002-2"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001962810002-2

YERMAKOV, M.V.

Mileposts in the career of N.E.Vvedenskii. Medychshur. 22 no.3: 3-12 '52. (MIRA 11:2)
(VVEDENSKII, NIKOLAI EVGENIEVICH, 1852-1922)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001962810002-2"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001962810002-2

YERMAKOV, M.V.

On the theory of the "physiological system of connective tissue." Medych.zhur. 22 no.5:90-93 '52. (MLRA 6:10)
(Connective tissues)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001962810002-2"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001962810002-2

YERMAKOV, M.V.; VORONOY, Yu.Yu.

Urine secretory function of a transplanted kidney from the first day of its acclimatization. Medych. zhur. 23 no.3:35-42 '53. (MLRA 8:2)

1. Institut eksperimental'noi biologii i patologii im. akad. O.O. Bogomol'tsya.
(KIDNEYS--TRANSPLANTATION) (URINE--SECRETION)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001962810002-2"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001962810002-2

YERMAKOV, M.V.; KUZNETSOVA, L.M.

Effect of bloodletting and of blood transfusion on blood level in the bone marrow in rabbits of various age groups. Med. zh., Kiev 23 no.5: 15-21 1953. (CIML 25:5)

1. Institute of Physiology imeni A. A. Bogomolets of the Academy of Sciences Ukrainian SSR.

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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001962810002-2

YERMAKOV, M.V.

Role of a city hospital in lowering morbidity in industrial plants.
Sov.zdrav. 15 no.3:29-33 My-Je '56. (MLRA 9:8)

1. Glavnyy vrach 2-y gorodskoy klinicheskoy bol'nitsy v Saratove
(INDUSTRIAL HYGIENE,
in Russia, role of city hosp. (Rus))
(HOSPITALS,
in Russia, role in indust. hyg. (Rus))

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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001962810002-2

YERMAKOV, N.P.

AVETISYAN, G.A.; DIK, N.Ye.; YERMAKOV, N.P.; YUSOV, B.V.; SHCHERBAKOV, D.I., akademik, otvetstvennyy red.; DOBROKRAVOVA, K.O., red.; KOSHELEVA, . . ., S.M., tekhn.red.

[Our homeland; an album of photographs] Nasha rodina; fotoal'bom. Moskva, Gos.izd-vo geogr.lit-ry, 1957. 309 p. [Parallel texts in Russian, German, English, and French] (MIRA 11:1)
(Russia--Views)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001962810002-2"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001962810002-2

YERMAKOV, N.

Gas Pipes

Devices for the installation and repair of gas mains, Zhil. -kom. khoz. 3, No. 1, 1953.

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

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001962810002-2"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001962810002-2

YERMAKOV , N.

YERMAKOV, N.

New device for maintenance of gas lines. Zhil.-kom.khoz. 4 no.3: 19-20 '54. (MLRA 7:6)

1. Slesar'-instrumental'shchik Karacharovskoy gazgol'dernoy stantsii.
(Gas pipes)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001962810002-2"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001962810002-2

YERMAKOV, N., insh.

Coal production in Khakass Autonomous Province is on the increase. (MIRA 11:4)
Mnet.ugl. 7 no.4:19 Ap '58.
(Khakass Autonomous Province--Coal mines and mining)

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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001962810002-2

YERMAKOV, N., inzh.

Valor of Khakassia miners. Mast.ugl. 8 no.2:11 F '59.
(MIRA 13:4)

1. Trest Khakassugol' Krasnoyarskogo sovnarkhoza.
(Khakass Autonomous Province--Coal mines and mining)

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YERMAKOV, N.

Visiting the coal miners of Khakass. Sov.shakht. 10 no.5:11 My '61. (MIRA 14:9)

(Khakass Autonomous Province--Coal miners)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001962810002-2"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001962810002-2

YERMAKOV, N.A.; KIRIL'TSEV, B.I.; MITROFANOV, V.A.

Effectiveness of composts in grain and row crop cultivation. Zemledelie 24 no.5:25-27 My '62. (MIRA 15:7)

1. Oporno-pokazatel'nyy plemennoy sovkhoz "Pron'", Kimovskogo rayona, Tul'skoy oblasti. 2. Direktor oporno-pokazatel'nogo plemennogo sovkhoza "Pron'", Kimovskogo rayona, Tul'skoy oblasti (for Yermakov). 3. Glavnyy agronom Oporno-pokazatel'nogo plemennogo sovkhoza "Pron'", Kimovskogo rayona, Tul'skoy oblasti (for Kiril'tsev).

(Field crops--Fertilizers and manures)
(Compost)

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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001962810002-2

USSR/Medicine - Veterinary, Infectious Anemia Mar 53

"An Experiment in the Use of VIEV Vaccine for the Treatment of Infectious Anemia of Horses," A.A. Levashov, N.B. Yermakov, B.V. Dryagin, B.V. Sidorenko

Veterinariya, No 3, pp 20-24

Detailed account of the exptl use of the VIEV (All-Union Institute of Experimental Veterinary Medicine) vaccine of G.M. Boshyan under lab and field conditions. The expts conducted demonstrated that a repeated prophylactic vaccination

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did not protect the horses from an experimentally produced infection, that repeated vaccination of horses at contaminated farms did not arrest the course of epizootics and, finally, that this vaccine is not a specific remedy for the treatment of horses affected with infectious anemia.

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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001962810002-2

YERMAKOV, N. D.

20731. Yermakov, N.D. Primeneniye metallicheskikh stoyek S G K pri upravlenin Krovley polnym obrusheniyem. [Iz praktiki shakhty No. 5, tresta "Sverdlovugol"). Raboty DONUGI (Donetskiy nauch. - issled. ugol'nyy in-T), sb. 5, 1949, s. 21-26

SO: LETOPIS ZHURNAL STATEY - Vol. 28, Moskva, 1949

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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001962810002-2

YERMAKOV, N.D., gornyy inzh.

Timbering and contrl of wall rocks in steep coal seams. Ugol' 35 no. 12:11-15 D '60. (MIRA 14:1)

1. Shakhtoupravleniye No. 2 tresta Krasnogvardeyskugol'.
(Donets Basin--Mine timbering)

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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001962810002-2

Declassed 1965

BONDAREVSKIY, Dmitriy Ivanovich, dotsent, kand.tekhn.nauk; YERMAKOV, Nikolay Dmitriyevich, insh.; ZIBERMAN, Grigoriy Rafailovich, insh.; OVECHNIKOV, Yevgeniy Vasil'yevich, kand.tekhn.nauk; CHERTOK, Mark Semenovich, insh.; SURGUCHEV, V.D., dotsent, retsenzent [deceased]; VOLOCHNEV, V.N., otv.red.; GOLOMEN, Yu.M., kand.tekhn.nauk, red.; TROFIMOV, A.N., red.; SHPOLYANSKIY, M.N., red.; NIKOLAYEVA, T.A., red.; LEL'YUKHIN, A.A., tekhn.red.

[Engineering handbook on city electric railroad transportation in three volumes] Tekhnicheskii spravochnik po gorodskomu elektrotransportu v trekh tomakh. Moskva, Izd-vo M-va kommun.khoz. RSFSR. Vol.2. [Streetcar transportation] Tramvai. Otv.red.V.N.Volochnev. 1960. 565 p.

(Street railways) (MIRA 13:7)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001962810002-2"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001962810002-2

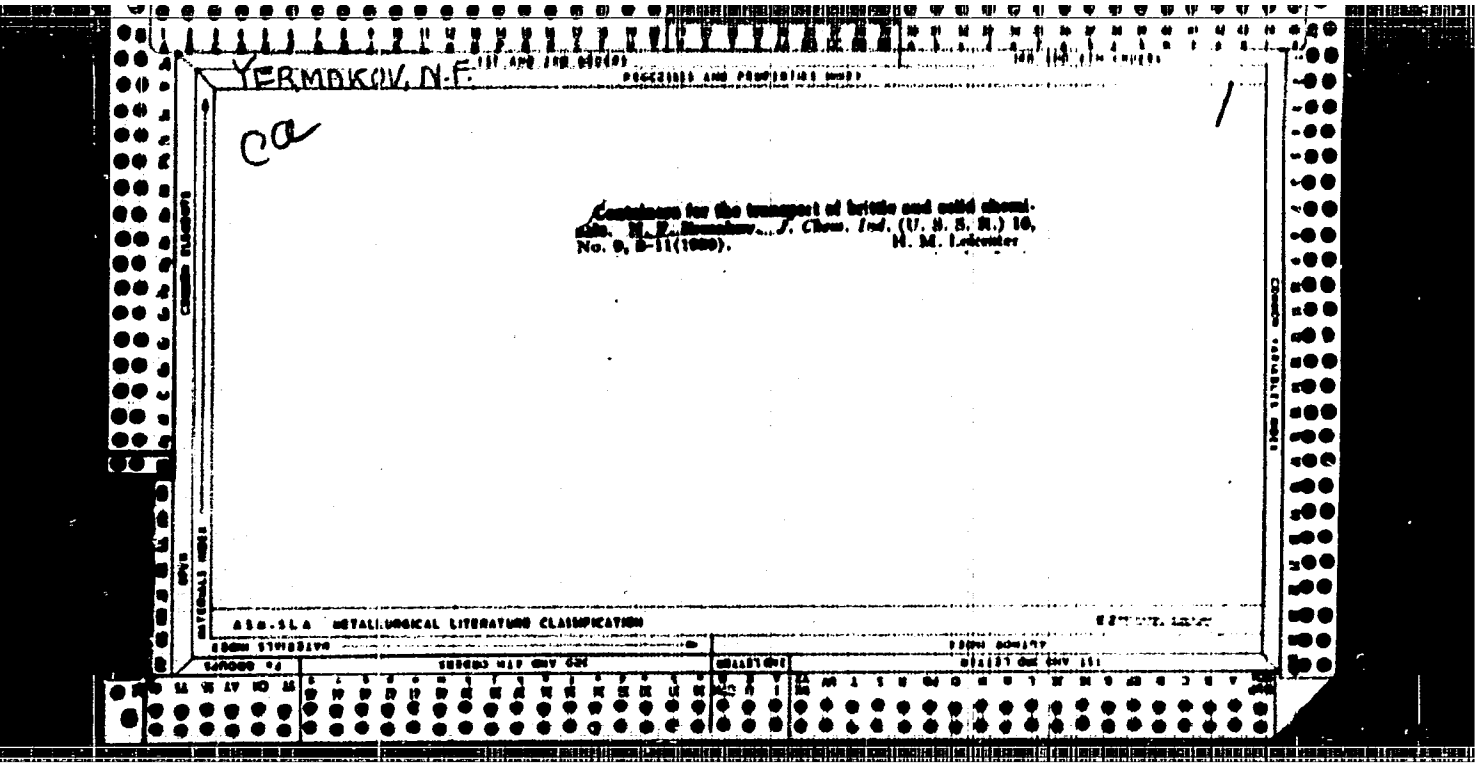
Deceased 1965

IVIN, K.V.; MOLODYKH, I.A.; YERMAKOV, N.D.[deceased]; MARKOVNIKOV, V.L., doktor tekhn. nauk; VATSURO, M.A. [deceased]; KRUGLOVA, L.P.; STRAKHOV, K.I.; DUL'KIN, I.A.; FAYN, A.G.; RUBINSKIY, N.V.; SPISKOV, V.S.; PERKIS, D.I., kand. tekhn nauk; LUCHAY, G.A., retsenzent; TROFIMOV, A.N., otv. red. toma; VOLOCHNEV, V.N., red.; SHPOLYANSKIY, M.N., red.; OTOCHEVA, M.A., red.izd-va; LELYUKHIN, A.A., tekhn. red.

[Technical handbook on electric city transportation in three volumes] Tekhnicheskii spravochnik po gorodskomu elektrotransportu v trekh tomakh. Redkoll.: V.N.Volochnev, A.N.Trofimov, M.N.Shpolianskii. Moskva, Izd-vo M-va Kommun.khoz.RSFSR. Vol.3. [Trolley buses] Trolleibus. 1963. 722 p. (Trolley buses) (MIRA 16:10)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001962810002-2"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001962810002-2


YERMAKOV, N.F.

Ca

Containers for the transport of brittle and solid chemicals. N. F. Yermakov. *J. Chem. Ind.* (U. S. S. R.) 16, No. 9, 8-11(1939). H. M. Leicester

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001962810002-2

PA 28T30

[redacted]

Cranes Jul 1947

Construction Machinery

"Lifting and Carrying Mechanisms for Small Construction," N. F. Yermakov, Candidate in Technical Sciences, N. A. Raffel', Engr, 4½ pp

"Mekhanizatsiya Stroitel'stva" No 7

Lists the various types of cranes used in construction work of buildings not over two stories high. The particular uses for which each type of crane is best suited are discussed, and tables on cost, manpower saved, etc., are presented.

[redacted]

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001962810002-2"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001962810002-2

YERMAKOV, N.F.

USSR

"Containers, Their Types, Field, and Methods of Application." Thesis for degree of Dr. Technical Sci. Sub 24 Nov 49, Moscow Highway Inst imeni V. M. Molotov

Summary 82, 18 Dec 52, Dissertations presented For Degrees in Science and Engineering in Mosco in 1949. From VEchernaya Moskva, Jan-Dec 1949.

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001962810002-2"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001962810002-2

YERMAKOV, N. F.; RUDNER, I. B.

"Mechanization of Hoisting-Transporting Works on Supply Depots and Bases," 1951, 152 p., Sovetskaya Kniga (Soviet Books), 128 p., Pravda Publ. House, 1952.

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001962810002-2"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001962810002-2

YERMAKOV, N.P.; SAMODAYEV, Ye.T.

The 'SS-1 cement hauling truck. Mats. i isobr.predl. v stroi. no.8):23-24 '54. (Tanktrucks) (MIRA 9:6)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001962810002-2"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001962810002-2

YERMAKOV, Nikolay Fedorovich, kandidat tekhnicheskikh nauk; ANDRIYEV, K.I., inzhener, redaktor; NEPOMNYASHCHAYA, T.F., redaktor; TOKER, A.M., tekhnicheskiy redaktor.

[Mechanized warehouses for the storage of cement] Mekhanizirovannye sklady tsementa. Moskva, Ges.izd-vo lit-ry po stroit. i arkhitekture, 1956. 156 p. (Cement--Storage) (MIRA 9:6)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001962810002-2"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001962810002-2

YERMAKOV, N.F., kand.tekhn.nauk

Mechanizing the unloading of cement at storage points. Mekh. stroi. 18 no.6:5-9 Je '61. (MIRA 14:7)
(Cement) (Loading and unloading)

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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001962810002-2

YERMAKOV, Nikolay Ivanovich; SHIRYAYEV, A.P., inzhener, redaktor; VERINA, G.P., tekhnicheskiy redaktor

[Testing electric machinery of electric rolling stock in depots; the work practice of the Tiflis depot of the Transcaucasian railroad] Ispytaniia elektricheskikh mashin elektropodvizhnogo sostava v depo; opyt raboty elektrovoznogo depo Tbilisi Zakavkazskoi zheleznoi dorogi. Moskva, Gos. transp. zhel-dor. izd-vo, 1956. 64 p. (MLRA 9:10)
(Electric railroads--Equipment and supplies)

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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001962810002-2

YERMAKOV, N.I.

In the chemical engineering laboratory of an electric railroad station. Elek. i tepl. tiaga 2 no.2:33-34 F '58. (MIRA 11:4)

1. Nachal'nik laboratorii elektrodepo Tbilisi.
(Electric railroads--Equipment and supplies--Testing)
(Chemical engineering laboratories)

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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001962810002-2

YERMAKOV, N.I.; TUMANOV, N.N.

We are checking the thermal stability of lubricating grease. Elek. i tepl. tiaga 2 no.8:23 Ag '58. (MIRA 11:9)
(Tiflis--Electric locomotives--Lubrication)

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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001962810002-2

YERMAKOV, M.F.

Must we use a voltage of 40 kv. in testing electric locomotive rods? Elek. i tepl. tiaga 2 no.9:45 S '58. (MIRA 11:10)

1. Zaveduyushchiy khimiko-tekhnicheskoy laboratorii elektrodepo Tbilisi.

(Electric locomotives--Testing)

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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001962810002-2

YERMAKOV, N.I.

Measures for the saving of electric power. Elek.i tepl.t'aga. 4 no.6:9-10 Je '60. (MIRA 13:8)

1. Nachal'nik khimiko-tekhnicheskoy laboratorii depo Tbilisi.
(Electric power) (Railroad--Repair shops)

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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001962810002-2

YERMAKOV, N.I.

Assistance was received from the chemical engineering laboratory of the repair shop. Elek. i tepl. tiaga 5 no.6: 21-22 Je '61. (MIRA 14:10)

1. Zaveduyushchiy khimiko-tekhnicheskoy laboratoriyey elektrodepo Tbilisi.
(Electric locomotives--Repairing)
(Railroads--Repair shops)

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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001962810002-2

YERMAKOV, N.I.

What caused the failure of the VL22M-1701 electric locomotive.
Elek.i tepl.tiaga 5 no.11:38 N '61. (MIRA 14:11)

1. Zaveduyushchiy khimiko-tekhnicheskoy laboratoriyey elektrodepo Tbilisi.
(Electric locomotives)

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L 29831-66 EWT(m)/T DJ

ACC NR: AP6005372 (A) SOURCE CODE: UR/0413/66/000/001/0118/0118

INVENTOR: Yermakov, N. N.; Danilov, K. D.; Bitkov, V. A.; Anokhin, I. D. 31 B

ORG: none

TITLE: High-vacuum seal for a rotary shaft. Class 47, No. 177715

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 1, 1966, 118

TOPIC TAGS: seal, vacuum seal, rotary shaft

ABSTRACT: An Author Certificate has been issued for a high-vacuum seal of a rotary shaft containing either a stationary or retary reservoir with a liquid sealer and a preliminary evacuation chamber. To ensure reliable sealing with a superhigh vacuum, molten metal, such as tin or indium, is used as the sealer. A piston moved by the pressure of the sealer toward the cavity closes its entry in emergencies caused by excessive pressure in the preevacuation chamber (see Fig. 1). Orig. art. has: 1 figure. [LD]

Card 1/2 UDC: 621.-762.6:621.-233:669-15h

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L 29881-66

ACC NR: AP6005372

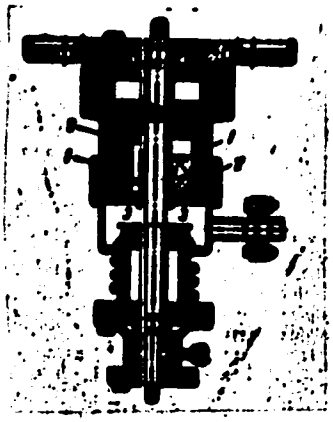

Fig. 1. High-vacuum seal for a rotary shaft

1 - Liquid-sealer reservoir; 2 - piston;
3 - preevacuation chamber

SUB CODE: 13/ SUBM DATE: 12Feb63

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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001962810002-2

S/125/63/000/001/007/012
A006/A106

AUTHORS: Simonov, Yu. I., Yermakov, N. N. (Khabarovsk)

TITLE: Electric slag welding of gear wheel blanks

PERIODICAL: Avtomaticheskaya svarka, no. 1, 1963, 75 - 79

TEXT: The authors investigate the application of electric slag welding for gear wheel blanks 300 - 800 mm in diameter, made of 40 X (40Kh) Ст. 5 (St. 5) and 45 grade steels. The gears were welded on a АДС -1000 (ADS-1000) automatic machine with a consumable tip, and plate and wire electrodes. The basic technical characteristics of the unit are: electrode wire diameter - 3 mm; number of electrodes 1; welding current up to 1000 amps; rated circuit voltage - 380 v; voltage on the electrode - 30 to 50 v; vertical displacement of the welding torch 10 m/h; thickness of welded material - 20 to 70 mm, the consumable tip is made of manganous steel. Св-08 (Sv-08) filler wire, ОСЦ-45 (OSTs-45) and АН-8 (AN-8) flux are used. Blanks up to 1m high can be welded on the described machine. Welding conditions, optimum sections of the tip, and mechanical properties of the weld are given in tables. The following results are obtained. The metal of the weld,

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Electric slag welding of gear wheel blanks

S/125/63/000/001/007/012
A006/A106

the fusion zone and the heat affected zone of St.5, 45 and 40Kh steels show high strength, yield point and toughness. The cross-sectional contraction of the weld metal in St.5, 45 and 40Kh steels exceeds that of the base metal. The hardness of the metal in the weld, the fusion zone, and the heat affected zone of the aforementioned steel grades varies slightly and corresponds to the hardness of the base metal. Burnishing tests of electric-slag welded gear wheels show that the operational capacities of base and built-up metal gears are practically equal. The replacement of forged and cast wheels by welded rolled metal gear wheels, assures high quality of the parts, facilitates labor conditions and reduces labor consuming operations. There are 4 tables and 3 figures.

SUBMITTED: May 8, 1962

Card 2/2

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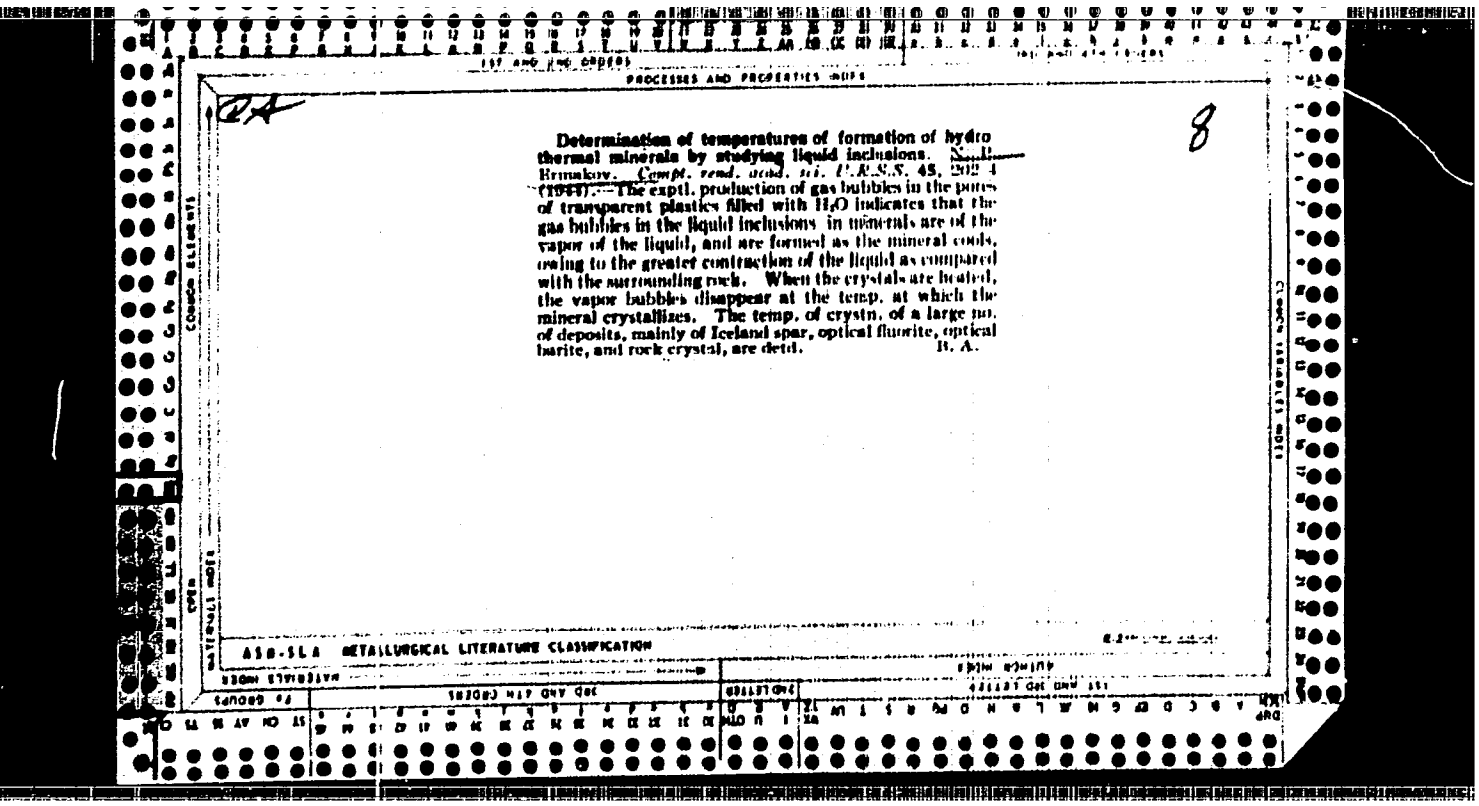

Determination of temperatures of formation of hydro thermal minerals by studying liquid inclusions. N. I. Ermakov. *Compt. rend. acad. sci. U.R.S.S.* 45, 202-4 (1944).—The expt. production of gas bubbles in the pores of transparent plastics filled with H_2O indicates that the gas bubbles in the liquid inclusions in minerals are of the vapor of the liquid, and are formed as the mineral cools, owing to the greater contraction of the liquid as compared with the surrounding rock. When the crystals are heated, the vapor bubbles disappear at the temp. at which the mineral crystallizes. The temp. of crystn. of a large no. of deposits, mainly of Iceland spar, optical fluorite, optical barite, and rock crystal, are detd. H. A.

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ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION

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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001962810002-2

YERMAKOV, N. P.

"Genetic Types of Crystal-Bearing "Celiars" and Quartz Veins of Aldan," Dokl. AN SSSR, 48, No.1, 1945

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001962810002-2"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001962810002-2

YERMAKOV, N. P.

Yermakov, N. P. "On the stratigraphy of Neogene deposits of the Soviet Zakarpat'ye," Trudy L'Vovsk. geol. o-va pri Gos. un-te im. Franko, Geol. seriya, Issue 1, 1948, p. 26-42

SO: U-3850, 16 June 53, (Letopis 'Zhurnal 'nykh Statey, No. 5, 1949).

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001962810002-2"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001962810002-2

YERMAKOV, N. P.

Yermakov, N. P. "Plan of morphological division and problem of geomorphogenesis of Soviet Carpathia," Trudy L'vovsk. geol. o-va pri Gos. un-te im. Franko, Geol. seriya, Issue 1, 1948, p. 62-86 - Bibliog: 21 items

SO: U-3850, 16 June 53, (Letopis 'Zhurnal 'nykh Statey, No. 5, 1949).

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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001962810002-2

YERMAKOV, N. P.

Yermakov, N. P. "Origin and classification of liquid occlusions in minerals," Mineral. sbornik, No. 2, 1948, p. 53-73 - Bibliog: 32 items.

SO: U-3850, 16 June 53, (Letopis 'Zhurnal 'nykh Statey, No. 5, 1949).

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001962810002-2"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001962810002-2

YERMAKOV, N. P.

Yermakov, N. P. "Utilization of the defects in fluorite crystals for a study of the essential history of the mineral," Mineral. sbornik, No. 2, 1948, p. 93-112 - Bibliog: 23 items

SO: U-3850, 16 June 53, (Letopis 'Zhurnal 'nykh Statey, No. 5, 1949).

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001962810002-2"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001962810002-2

YERMAKOV, N. P.

35879 O pervichnovtorichnykh vklyucheniyakh v mineralakh. Mineral. Sbornik (L'vov) no 3, 1949, c. 27-27—Bibliogr: 9 Nazv

SO: Letopis' Zhurnal'nykh Statey, No. 49, 1949

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001962810002-2"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001962810002-2

YERMAKOV, N.P.

35939 YERMAKOV, N.P. i SUKHORSKIY, R.F. krivaya dlya visual'nogo opredeleniya temperatury obrazovaniya gidrotermal'nogo kvartsa. mineral. sbornik (l'vov), No. 3, 1949, S. 143-49

SO: Letopis' Zhurnal'nykh Statey, No. 49, 1949

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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001962810002-2

YERMAKOV, N.P.

35880

Zhidkiye vklyucheniya v geologicheskoy termometrii. (po povodu raboty ye. Ingersona v zhurn. <<the American Mineralogis>>, 1947, no. 7-8) mineral. sbornik (L'vov), no. 3, 1949, s. 221-26--bibiogr: 8 nazv.

SO: Letopis' Zhurnal'nykh Statey, Vol. 39, Moskva, 1949

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001962810002-2"

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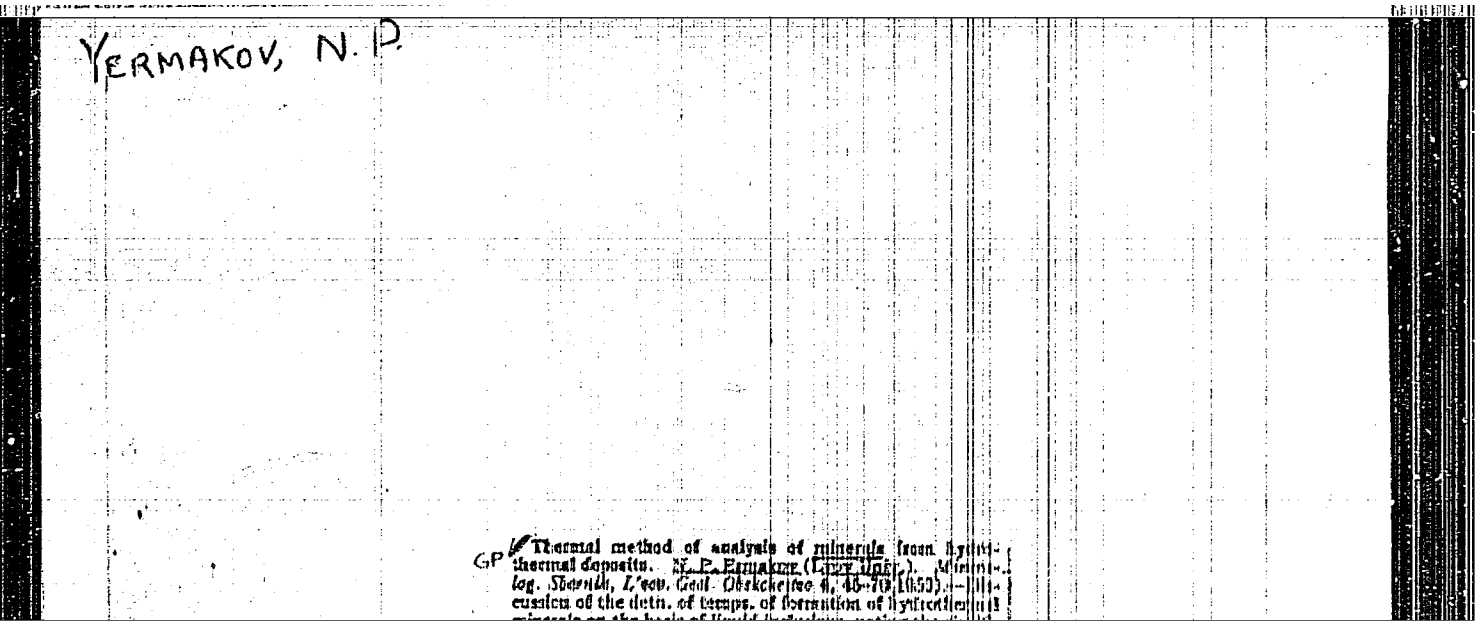

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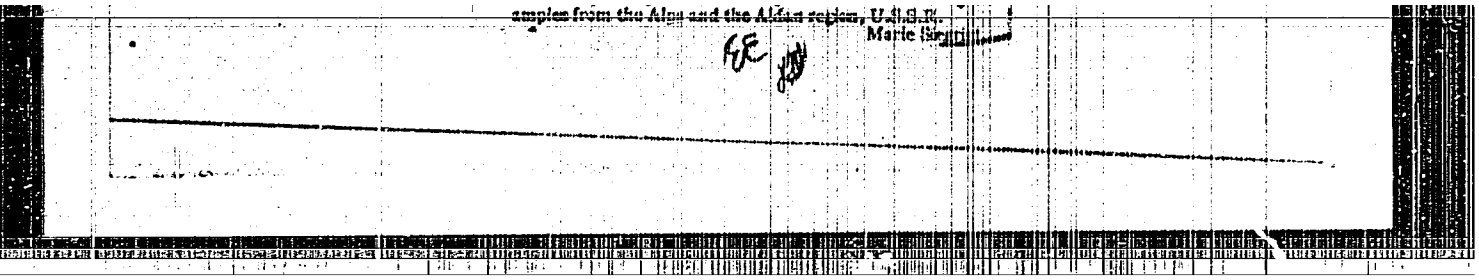

samples from the Alps and the Altai region, U.S.S.R.
Marie [illegible]

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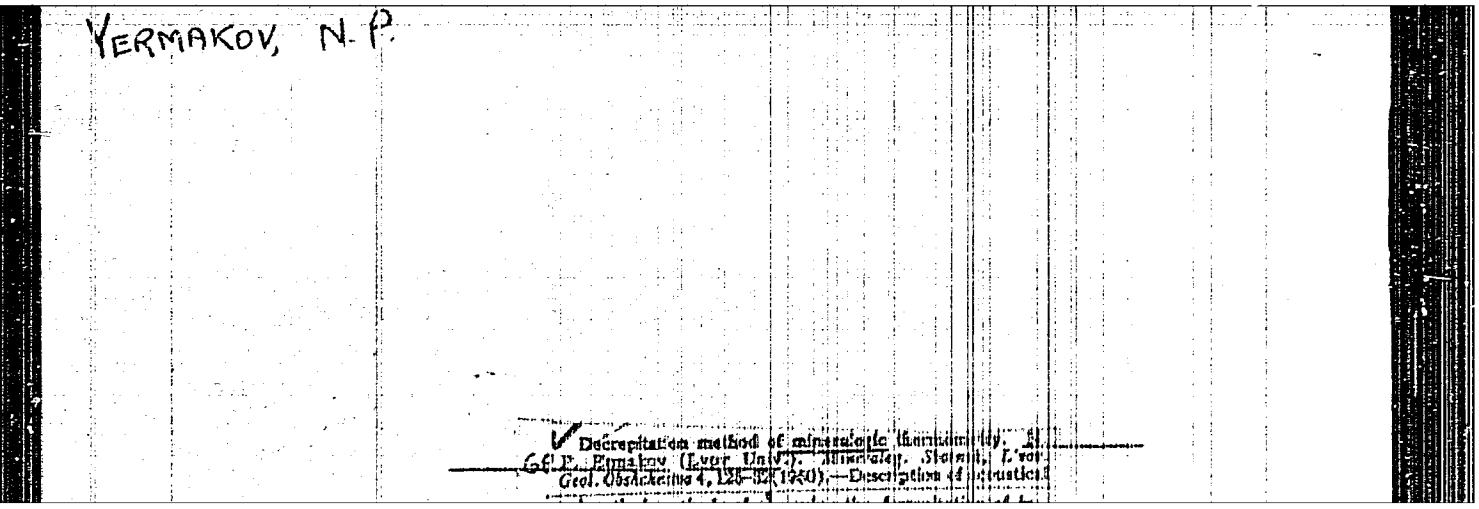

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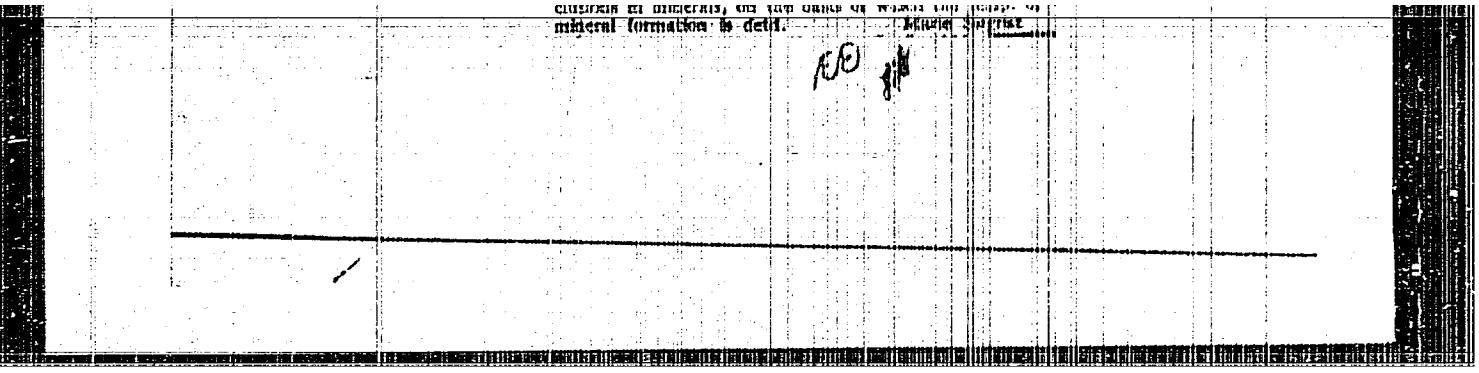

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001962810002-2"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001962810002-2

LAZARENKO, Ye.K.; LAZ'KO, Ye.M.

"Research in mineral forming solutions; temperatures and aggregate state" by N.P.Brunkov. Reviewed by E.K.Lazarenko, E.M. Laz'ko. Min.sbor. no.5:359-368 '51. (MLRA 9:12)

1. Gosuniversitet imeni Ivana Franko, L'vov.
(Mineralogical chemistry) (Brunkov, N.P.)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001962810002-2"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001962810002-2

YERMAKOV, N. P.; KOZERENKO, V. N.; LAZARENKO, YE. K.; LAZ'KO, YE. M.; REZVOY, D. P.; VIKTOR ARSEN'YEVICH NIKOLAYEV

"On the Occasion of His 60th Birthday and 35th Year of Scientific Activity," Mineralog. sb. L'vovsk. geol. o-va, No 7, 330-332, 1953

V. A. Nikolayev, a corresponding member of the Academy of Sciences USSR, is one of the greatest specialists in the field of stratigraphy, vulcanism, and tectonics of Central Asia. He established the sharp tectonic boundary between the northern and southern zones of the T'ien-Shan Mountains, the so-called "most important structural line of the T'ien-Shan," or "line of Nikolayev." In recent years, Nikolayev has been occupied with working out the general problems of physicochemical petrology and the problems of the application of thermodynamics to the processes of magmatic crystallization and metamorphism. Especially important are his theoretical investigations into the field of systems with volatile components of the rock-forming silicate-water type. Study of the ternary systems gives an understanding of the processes governing the formation of hydrothermal and pneumatolite solutions.

RZhGeol, No 1, 1955

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001962810002-2"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001962810002-2

NIFONTOV, Roman Vladimirovich; YEMAKOV, M.P., redaktor; GODOVIKOVA, L.A., redaktor; GUROVA, O.A., tekhnicheskiy redaktor.

[Principles of prospecting, surveying and calculating deposits of piezooptic minerals; manual of methods] Osnovy poiskov, razvedki i podscheta zapasov p'esoopticheskikh mineralov; metodicheskoe rukovodstvo. Sost.R.V.Nifontov. Moskva, Gos. nauchno-tekhn.izd-vo lit-ry po geologii i okhrane nedr. 1955. 93 p. (MLRA 8:11)

(Prospecting)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001962810002-2"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001962810002-2

YERMAKOV, N. P., Professor

"Chamber Pegmatites in the Desert of Betpakdal and Conditions under which Piezo-optical Minerals are Formed in Them," Lomonsov Lectures in 1956, VEst. Mosk. U., Physico Math and Natural Sciences Series, 4, No. 6, 00 147-160, 1956, Museum of Geography

Translation U-3,054,363

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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001962810002-2

YERMAKOV, N.P.

LAZ'KO, Yevgeniy Mikhaylovich; YERMAKOV, N.P., prof., otvetstvennyy red.; GAZER, S.L., red.; SARANYUK, T.V., tekhn.red.

[Crystalline quarts veins and their genesis, based on a study of the Aldan rock crystal deposits] Khrustalenosnye kvartsevye zhily i ikh genesis na primere izucheniia Aldanskikh mestorozhdenii gornogo khrustalia. [L'vov] Izd-vo L'vovskogo univ., 1957. 202 p. (MIRA 11:4)
(Rocks, Crystalline and metamorphic)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001962810002-2"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001962810002-2

YERMAKOV, N.P.; KALYUZHNYY, Vl.A.

Possibility of establishing the true temperatures of mineralogenetic solutions. Trudy VNIIP 1 no.2:41-51 '57. (MIRA 12:3)
(Geochemistry)

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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001962810002-2

TRESKOV, N.P., prof.

Significance of the study of inclusions in minerals for the theories of ore formation and mineralogenetic media. Trudy VNIIP 1 no.2:9-29 '57. (MIRA 12:3)

(Geochemistry)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001962810002-2"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001962810002-2

YERMAKOV, N.P.; KALYUZHNYY, Vl.A.; MYAZ', N.I.

Results of mineralothermometric investigation of some morion crystals from Volhynia. Trudy VNIIP 1 no.2:117-127 '57. (MIRA 12:3)

(Volyn' Province--Morion)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001962810002-2"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001962810002-2

YERMAKOV, N.P.; MYAZ', N.I.

Effect of liquid and gaseous inclusions on the extent of losses caused by the roasting of minerals. Trudy VNIIP 1 no.2:151-154 '57. (MIRA 12:3)

(Mineralogical chemistry)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001962810002-2"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001962810002-2

YERMAKOV, N.P.

Mother liquor inclusions in minerals and their theoretical and practical significance. Trudy VNIIP 1 no.2:173-175 '57.
(MIRA 12:3)

(Geochemistry)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001962810002-2"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001962810002-2

YERMAKOV, N.P.

Mineral pigment deposits in Soviet Transcarpathia and their genesis. Geol. sbor. [Lvov] no.4:111-120 '57. (MIRA 13:2)

1.Moskovskiy ordena Lenina i ordena Trudovogo Krasnogo Znameni gosuniversitet im. M.V. Lomonosova.
(Transcarpathia--Pigments)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001962810002-2"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001962810002-2

BARSANOV, G.P.; BOGDANOV, A.A.; YERMAKOV, N.P.; KRASHENINNIKOV, G.F.; SERGEYEV, Ye.M.; SHIRNOV, V.I.; TAKUSHOVA, A.F.

International geological congress in Copenhagen. Vest. Mosk. un. Ser. 4: Geol. 15 no.6:3-12 N-D '60. (MIRA 14:1)
(Geology—Congresses)

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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001962810002-2

KREYTER, V.M.; LAZ'KO, Ye.M.; LAZARENKO, Ye.K.; YERMAKOV, N.P.; REZVOY, D.P.; GORZHEVSKIY, D.I.; KOZERENKO, V.N.

Viktor Arsen'evich Nikolaev; obituary. Min.sbor. no.14:471-474 '60. (MIRA 15:2)
(Nikolaev, Viktor Arsen'evich, 1893-1960)

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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001962810002-2

YERMAKOV, N.P.

Fundamental mineral and geological forms of the movement of matter on the earth. Zhizn' Zem. nl.1:7-23 '61. (MIRA 15:6)
(Geology)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001962810002-2"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001962810002-2

YERMAKOV, N.P.

Classification of mineral resources. Zhizn' Zem. no.1:65-76 '61. (MIRA 15:6)
(Mineralogy--Classification)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001962810002-2"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001962810002-2

YERMAKOV, N.E.

Principles of modern exposition in natural history museums, as exemplified by the organization of the Museum of Earth Science. Zhizn' Zem. no.1:130-136 '61. (MIRA 15:6)
(Moscow--Geographical museums) (Natural history museums)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001962810002-2"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001962810002-2

YERMAKOV, N.P.

Thirteenth Conference of [redacted] of the Department of Geology of Moscow University. Vest.Mosk.un.Ser.4: Geol. 17 no.5:76 S-O '62. (MIRA 15:11)

(Geology)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001962810002-2"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001962810002-2

ZHINKIN, G.N., dots., kand. tekhn. nauk; PERETRUKHIN, N.A., st. nauchnyy sotr., kand. tekhn. nauk; KARASEV, Ya.M., dots., retsenzent; KASATKIN, A.I., inzh., retsenzent; KARPOV, K.N., dots., retsenzent; YERMAKOV, K.A., red.

[Roadbed construction in permafrost regions] Sooruzhenie zemlianogo polotna zheleznykh dorog v raionakh vechnoi merzloty; uchebnoe posobie po kursu "Stroitel'stvo zheleznykh dorog" dlia studentov dnevnogo, vechernego i zaochnogo obucheniia. Leningrad, Leningr. in-t inzhenerov zhel-dor. transporta im. V.N.Obraztsova, 1961. 61 p. (MIRA 16:3)

(Railroad engineering--Cold weather conditions)
(Frozen ground)

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001962810002-2"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001962810002-2

ASTAF'TEV, A.A., kandidat tekhnicheskikh nauk; YERMAKOV, K.A., inshener.

Rapid heating in flame furnaces for the heat treatment of large-size parts. Trudy TSNIITMASH no.64:5-31 '54. (MLRA 9:1)
(Steel--Heat treatment)

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001962810002-2"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001962810002-2

YERMAKOV, K.A., inzhener.

Effect of annealing temperatures on the mechanical properties of welded austenite steel test specimens. Trudy TSNIITMASH no.64: 105-116 '54. (MLRA 9:1)
(Austenite--Testing) (Steel--Heat treatment)

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001962810002-2"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001962810002-2

YERMAKOV, K. A

USSR/Metallurgy - Metal treating

Card 1/1 Pub. 128 - 15/25

Authors : Astaf'yev, A. A., Cand. Tech. Sc., and Yermakov, K. A., Engineer

Title : High-speed heating of large forged pieces during thermal treatment

Periodical : Vest. mash. 35/4, 62-64, Apr 1955

Abstract : Experiments were conducted to determine the effect of temperature (hearth temperature) on the rate of heating of large forged pieces made of 9X steel 300 mm in diameter, which were introduced into the hearth at 850, 900, 950, and 1000°. It was established that an increase in hearth temperature from 850 to 1000° reduces the heating time from 210 to 83 min. and that the heating of the forged piece at a hearth temperature of 950 - 1000° warrant rapid and uniform heating of the entire piece. Graphs; drawing.

Institution : .....

Submitted : .....

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001962810002-2"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001962810002-2

ASTAF'YEV, A.A., kandidat tekhnicheskikh nauk; YERMAKOV, K.A., inzhener.

Efficient methods of quenching large forgings made of structural steel. Metalloved.i obr.met. no.4:35-45 Ap '56. (MLRA 9:8)

1. TSentral'nyy nauchno-issledovatel'skiy institut tekhnologii i mashinostroyeniya.
(Tempering) (Steel forgings--Heat treatment)

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001962810002-2"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001962810002-2

PERMIAKOV, K.A.

PETROV, L.S.; KULIKOV, Mikhail Vasil'yevich, redaktor; YERMAKOV, K.A., vedushchiy redaktor; GENNAD'YEVA, I.M., tekhnicheskiy redaktor.

[Devonian deposits in the northwestern Russian Platform (stratigraphy, facies, and history of the geological development).] Devonskie otlozheniia severo-zapada Russkoi platformy. Leningrad, Gos.nauchno-tekhn.izd-vo neft.i gorno-toplivnoi lit-ry, 1956. 174 p. (Leningrad. Vsesoiuznyi geologicheskii Institut. Trudy, no.97.) (MLRA 10:4)
(Russian Platform--Geology, Stratigraphic)

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001962810002-2"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001962810002-2

KROTOVA, Valentina Artem'yevna; GATAL'SKIY, M.A., redaktor; RAGINA, G.A., redaktor; [redacted], K.A., redaktor; GENNAD'YEVA, I.M., tekhnicheskiy redaktor.

[Hydrogeology] Gidrogeologiia. Leningrad, Gos.nauchno-tekhn. izd-vo neftianoi i gorno-toplivnoi lit-ry, Leningradskoe otd-nie, 1956. 266 p. (Leningrad. Vsesoiuznyi neftianoi nauchno-issledovatel'skii geologorazvedochnyi institut. Trudy, no. 94). (MLRA 9:11)

(Volga Valley--Water, Underground)
(Ural Mountain region--Water, Underground)
(Petroleum geology)

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001962810002-2"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001962810002-2

GOROZHANKIN, A.N., kand.tekhn.nauk; NOVITSKIY, V.K., kand.tekhn.nauk; KRYANIN, I.R., doktor tekhn.nauk; IODKOVSKIY, S.A., kand.tekhn. nauk; LADYZHENSKIY, B.N., kand.tekhn.nauk; MIL'MAN, B.S., kand.tekhn. nauk; KLOCHNEV, N.I., kand.tekhn.nauk; TSYPIN, I.O., kand.tekhn. nauk; LEVIN, M.M., kand.tekhn.nauk; BALDOV, A.L., inzh.; LYASS, A.M., kand.tekhn.nauk; CHERNYAK, B.Z., kand.tekhn.nauk; ASTAF'YEV, A.A., kand.tekhn.nauk; YERMAKOV, K.A., inzh.; GRIBOYEDOV, Yu.N., kand.tekhn.nauk; MYASOYEDOV, A.N., inzh.; BOGATYREV, Yu.M., kand. tekhn.nauk; UNKSOV, Ye.P., doktor.tekhn.nauk, prof.; SHOFMAN, L.A., kand.tekhn.nauk; PERLIN, P.I., inzh.; MOSHNIN, Ye.N., kand.tekhn. nauk; PROZOROV, L.V., doktor tekhn.nauk; CHERNOVA, Z.I., tekhn. red.

[Some technological problems in the manufacture of heavy machinery] Nekotoryye voprosy tekhnologii tiazhelogo mashinostroeniia. Moskva, Gos.nauchno-tekhn.izd-vo mashinostroit. lit-ry. Part I. [Steel smelting and casting; founding; heat treatment; shaping metals by pressure] Vyplavka i razlivka stali; liteinoe proizvodstvo, termicheskaia obrabotka, obrabotka metallov davleniem. 1960. 266 p. (Moscow. Tsentral'nyi nauchno-issledovatel'skii institut tekhnologii i mashinostroeniia. [Trudy] no. 98). (MIRA 13:7)
(Steel) (Founding) (Forging)

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"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001962810002-2

S/123/61/000/007/006/026
A004/A104

AUTHORS: Astaf'yev, A.A., Yermakov, K.A.

TITLE: Developing an accelerated heating method for large-size forgings

PERIODICAL: Referativnyy zhurnal, Mashinostroyeniye, no. 7, 1961, 73, abstract 7B566 (V sb.: "Nekotoryye vopr. tekhnol. tyazh. mashinostr.", no. 1, Moscow, Mashgiz, 1960, 137 - 163)

TEXT: When heating large-size forgings 400-800 mm in diameter made from structural steel prior to hardening, normalization or annealing, accelerated heating conditions can be used by putting the charge into a furnace preliminarily heated to 850-950°C. The calculation of temporary internal stresses carried out on the basis of experimental data obtained by measuring the temperature during the heating process showed that an accelerated heating of large-size forgings is permissible. An equation was derived for the calculation of the temperature field of forgings at the initial and final heating stages. The authors present formulae for the calculation of the maximum temperature difference over the cross section and for the determination of the moment corresponding to the maximum temperature drop

Card 1/2

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Developing an accelerated heating method ... S/123/61/000/007/006/026
A004/A104

over the cross section. Accelerated heating conditions of large-size forgings have been introduced at the NKMZ (Kramatorsk). The application of these conditions cuts down the heat-treatment cycle by 30-35%. There are 26 figures and 6 references.

N. Il'ina

[Abstracter's note: Complete translation]

Card 2/2

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001962810002-2"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001962810002-2

VASIL'YEV, A.G.; YERMAKOV, K.A., red.

[Internal combustion engines] Dvigateli vnutrennego sgoraniia; uchebnoe posobie. Leningrad, Leningradskii institut inzhenerov zheleznodorozhnogo transporta im. akad. V.N. Obraztsova, 1961. 53 p. (MIRA 16:12)
(Internal combustion engines)

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001962810002-2"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001962810002-2

VEVIOROVSKIY, I.V.; SUKHOPOL'SKIY, A.F.; CHUROV, A.I.; YERMAKOV, K.A., red.

[Diesel locomotive operation, maintenance and repair; a methodological textbook] Teplovoznoe khoziaistvo; uchebno-metodicheskoe posobie. Leningrad, In-t inzhenerov zheldor. transporta, 1964. 64 p. (MIRA 17:11)

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001962810002-2"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001962810002-2

YERMAKOV, K.P.

With the help of the trade activists union. Vest. sviazi 24 no.10:28-29 O '64. (MIRA 17:12)

1. Predsedatel' Penzenskogo oblastnogo komiteta professional'nogo soyuza rabotnikov svyazi, rabochikh avtomobil'nogo transporta i shosseynykh dorog.

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"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001962810002-2

YERMAKOV, K. S.

Tractors

New construction of oil radiator for the KD-35 tractor. Avt. tradt. prom. no. 3, 1952.

Monthly List of Russian Accessions, Library of Congress, June 1952. UNCLASSIFIED

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001962810002-2"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001962810002-2

YERMAKOV, ~~Konstantin Semenovich;~~ TARASENKO, Nikolay Vasil'yevich; LUTOV, Viktor Mikhaylovich; GRECHKIVSKIY, V.S., inzh., red.; ROMANNIKOV, F., red.; KARZHAVINA, Ye., tekhn. red.

[New methods for chip breaking] Novoe v struzhkolomanii. Lipetsk, Lipetskoe knizhnoe izd-vo, 1960. 35 p. (MIRA 15:3)

(Metal cutting)

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001962810002-2"

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[redacted], I.[redacted],

[redacted]ce for the automatic switching off of a transformer.
[redacted]. proizv. no.7:39 Jl '65. (MIRA 18:8)

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"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001962810002-2

YERMAKOV, I.I.; TYABIN, V.Ye.; MIKHAYLOV, A.K. [deceased]; KOMISSAROV, B.M.; PYLEVA, V.N.; SVIRIDOV, A.Ye.; NIKITINA, V.N., redaktor izdatel'stva; KRYNOCHKINA, K.V., tekhnicheskiy redaktor

[Production norms for geodetic and topographical work in geological prospecting and geophysical organizations. Supplement to the unified production norms for geodetic and topographical work in the Chief Administration of Geodesy and Cartography of the Ministry of Interior of the U.S.S.R.] Normy vyrabotki na geodezicheskie i topograficheskie raboty geologo-razvedochnykh i geofizicheskikh organizatsii. Dopolnenie k edinym normam vyrabotki na geodezicheskie i topograficheskie raboty GUGK MVD SSSR 1954 g. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po geol. i okhrane nedr, 1956. 51 p. (MLRA 10:1)

1. Russia (1923- U.S.S.R.) Ministerstvo geologii i okhrany nedr. 2. Ministerstvo geologii i okhrany nedr SSSR (for Yermakov) 3. Ministerstvo neftyanoy promyshlennosti SSSR (for Pyleva) 4. Ministerstvo ugol'noy promyshlennosti SSSR (for Sviridov)
(Geodesy) (Cartography)

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YEMAKOV, M.

Kreditovanie individual'nogo zhilishchnogo stroitel'stva [Financing individual residential building construction]. Moskva, Gosfinizdat SSSR, 1952. 72 p.

SO: Monthly List of Russian Accessions, Vol. 6, No. 2, May 1953

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"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001962810002-2

YERMAKOV, M.

YERMAKOV, M.

Our experience in building machine-tractor stations. Sel'.stroi. 10 no.7:19-20 Jl'55. (MIRA 8:10)

1. Upravlyayushchiy treasta "Shekingastroy"
(Machine--Tractor stations)

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"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001962810002-2

YERMAKOV, M. (Sverdlovsk)

In summer and in winter. Sov. profsoiuzy 20 no.3:27 F '64.
(MIRA 17:3)

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"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001962810002-2

YERMAKOV, M.A.; VADYUTINA, Ye.V.

Acute inflammation of two vermiform appendixes in one patient. Mor. khir. arkh. no.2:124-125 Mr-Ap '59. (MIRA 12:7)

1. Khirurgicheskoye otdeleniye Cherkasskoy rayonnoy bol'nitsy. (Adres avtorov: s Krasnaya Sloboda, Cherkasskoy obl. rayonnaya bol'nitsa).
(APPENDICITIS)

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"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001962810002-2

L 23284-66 EWT(m) WW/JW/JWD

ACC NR: AP5011506 SOURCE CODE: UR/0414/65/000/004/0078/0082

AUTHOR: Batsanov, S. S. (Novosibirsk); Deribas, A. A. (Novosibirsk); Dulepov, Ye. V. (Novosibirsk); Yermakov, M. G. (Novosibirsk); Kudinov, V. M. (Novosibirsk)

ORG: none

TITLE: Effect of an explosion on a substance. Dynamic compression of potassium nitrate

SOURCE: Fizika goreniya i vzryva, no. 4, 1965, 78-82

TOPIC TAGS: explosive compression, potassium nitrate, hexogen

ABSTRACT: The explosion compression of polycrystalline KNO_3 specimens was studied to compare the effectiveness of various explosion compression techniques. The first series of experiments were conducted in the previously described (S. S. Batsanov, A. A. Deribas. Nauchno-tekhnicheskiye problemy goreniya i vzryva, 1965, 1, 103) standard steel ampoule, 5 mm in diameter and 40 mm high, in which 0.7—1.2 g samples of KNO_3 were subjected to hexogen explosions (70—150 g). The second series of experiments were carried out in a similar steel ampoule, which was attached to a massive steel plate for a rapid cooling. The third series were conducted in a device consisting of a 20-mm thick steel plate with a recess for the KNO_3 sample. A thin plate, propelled by a

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ACC NR: AP6011506

charge toward the sample, generates a shock wave which compresses the sample; the wave then reflects from the recess bottom to relieve the pressure on the plate and thus reduce the compactness of the sample. Chemical and physical changes were studied by infrared spectrography, x-ray, and chemical analyses. No chemical changes were observed in the compression by the first and second methods; formation of metallic K was observed in the flat compression method. The density ρ, dielectric constant ϵ, and refractive index remain practically unchanged in the first series of experiments, but in the second series, ρ decreased from 2.106 g/cm^3 to 2.098 g/cm^3 and ϵ, from 4.5 to 4.2. The most significant chemical changes in the KNO_3 occurred during the flat compression experiments. The refractive index increased from 1.45 to 1.98 and ϵ from 4.5 to 8.5, which confirms the formation of metallic K. Spectroscopic studies indicate the appearance of chemical defects in the specimen compressed in the flat ampoule. Orig. art. has: 3 figures and 1 table.

[PS]

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ATD PRESS: 4230

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"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001962810002-2

YERMAKOV, M.M., inzh., red.; MAZEL', Yu.S., inzh., red.; DUGINA, N.A., tekhn. red.

[Mechanization and automation in railroad car manufacture] Mekhanizatsiia i avtomatizatsiia v vagonostroitel'nom proizvodstve. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 183 p. (MIRA 15:4)

1. Uralvagonzavod, Nizhniy Tagil.
(Nizhniy Tagil--Railroads--Cars)
(Automatic control)

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001962810002-2"

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SHATS, S.Ya.; KOLESNIKOV, L.P.; MATSKEVICH, V.I.; GARRIS, O.V.; YERMAKOV, M.M.; UDALOV, Ye.V.

A semiautomatic production line for manufacturing torsion springs for railroad cars. Prom.energ. 18 no.1:12 Ja '63. (MIRA 16:4)

(Car springs)

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001962810002-2"

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YERMAKOV, M.S., kand.sel'skokhozyaystvennykh nauk dots.

Financial aspects and cost of state farm production. Trudy MIIMSKH 11:38-81 '60. (MIRA 13:9)
(State farms)

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001962810002-2"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001962810002-2

KUPERMAN, F.M., prof., red.; MEGHAYEVA, Ye.G., red.; YERMAKOV, M.S., tekhn. red.

[Biological control in agriculture; methods for determination, tables, and brief description of the phases of organogenesis in 50 plant species]Biologicheskii kontrol' v sel'skom khoziaistve; metodika opredeleniia, tablitsy i kratkoe opisanie etapov organogeneza 50 vidov rastenii. Moskva, Izd-vo Mosk. univ., 1962. 273 p. (MIRA 15:12)

(Botany, Economic) (Growth (Plants))

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"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001962810002-2

SOBOLEV, Leonid Vasil'yevich; GOL'DENBERG, G.S., red.; YERMAKOV, M.S., tekhn. red.

[Textbook on physics for students entering the institutions of higher learning] Posobie po fizike dlia postupaiushchikh v vuzy. Moskva, Izd-vo Mosk. univ., 1964. 359 p. (MIRA 17:2)

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"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001962810002-2

BAYKOV, V.T.; BOLKHOVITINOV, V.F., prof., retsenzent; TRAPEZIN, I.I., dots., retsenzent; ROMASHEVSKIY, A.Yu., otv. red.; YERMAKOV, M.M., tekhn. red.

[Structural mechanics for airplanes] Stroitel'naia mekhanika samoleta. Moskva, MAI. Pt.1. [Statically determinate rod systems] Staticheski opredelimye sterzhnevye sistemy. 1950. 228 p. (MIRA 15:1)

(Structures, Theory of)
(Airplanes—Design and construction)

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"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001962810002-2

YERMAKOV, M. V.

The nervous system and curbohydrates in the metabolism of invertebrates. Pid red. O.O. Vohomol'tsia. Kyiv, Vyd-vo Akademii nauk URSR, 1938. 94 p.

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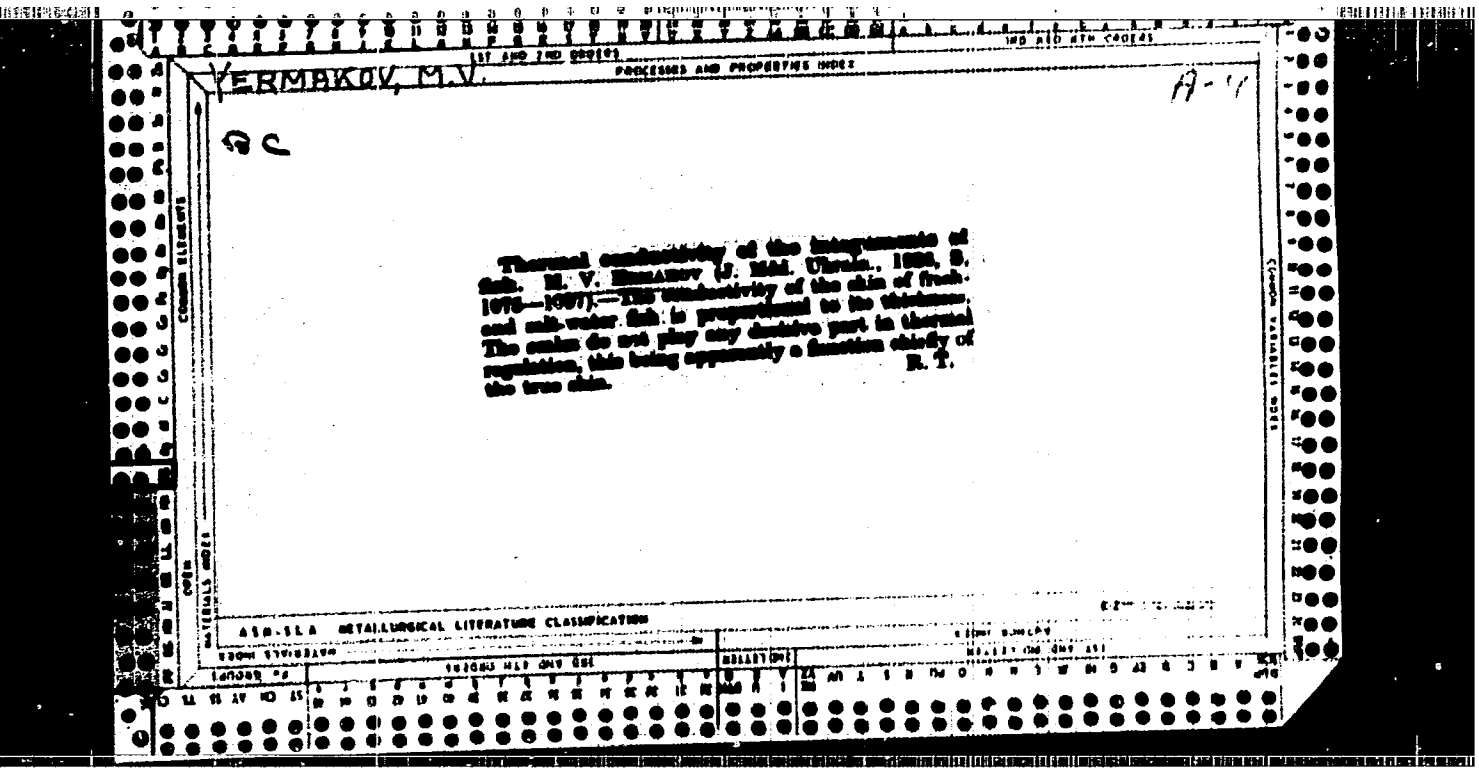

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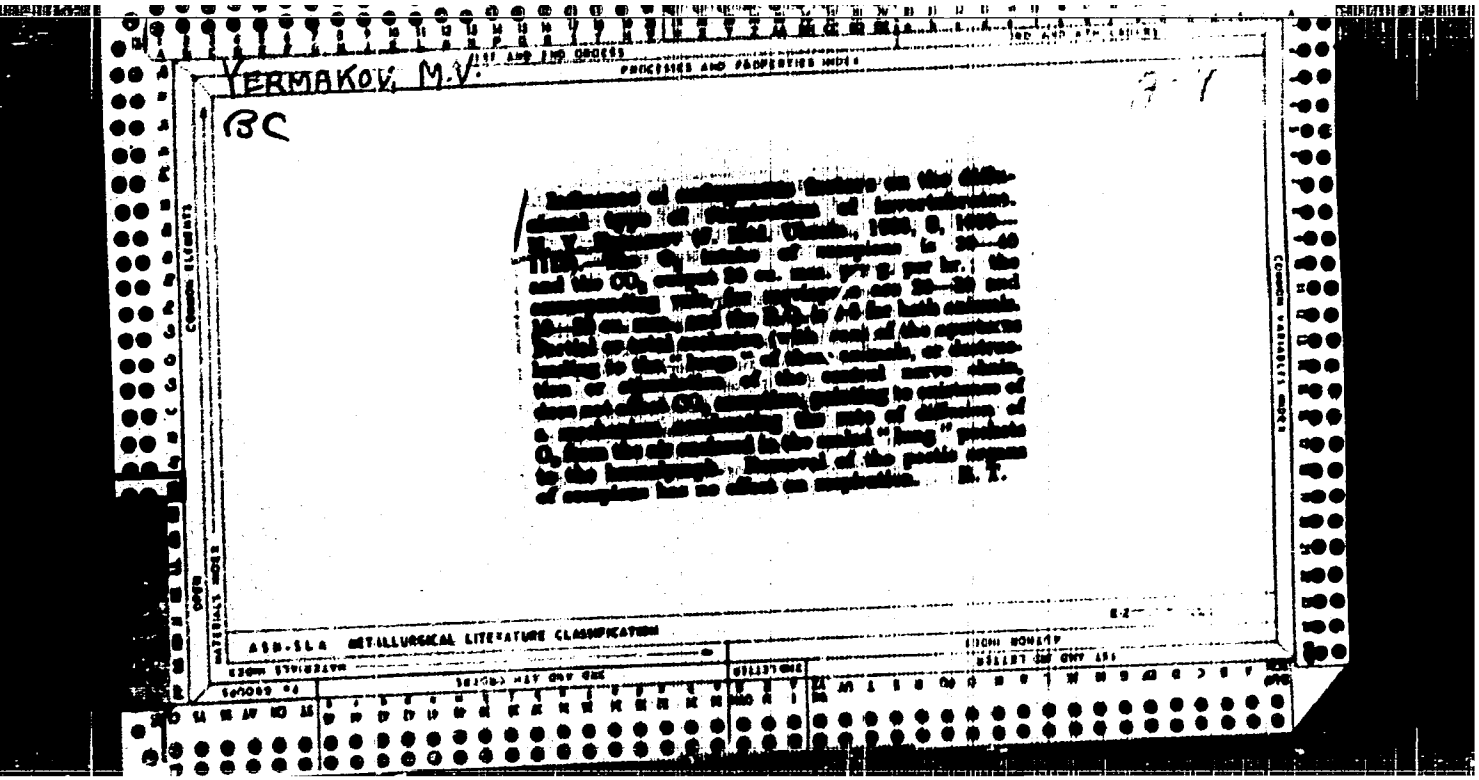

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YERMAKOV, M.V., prof.

Nervous system and metamorphosis in insects. Medych.zhur. 16:131-162 '47. (MIRA 10:12)

1. Z viddilu evolyutsii funktsiy (zav. - prof. M.V.Yermakov) Instytutu eksperimental'noi biologii i patologii Ministerstva okhorony zdorov'ya URSR (direktor - akad. O.O.Bogomolets' [deceased]).
(METAMORPHOSIS) (NERVOUS SYSTEM--INSECTS)

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001962810002-2"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001962810002-2

1. YERMAKOV, M. V., Prof.
2. USSR (600)
4. Medicine
7. Methods of popularizing scientific knowledge. Medych zhur. No 1 1951.

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

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"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001962810002-2

1. YERMAKOV, M. V.

2. USSR (600)

4. Diseases - Causes and Theories of Causation

7. Development of the theory of nervosism in I. P. Pavlov's scientific activity. Medich.zhur., 21, no. 2, 1951.

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

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"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001962810002-2

YERMAKOV, M.V.

Mileposts in the career of N.E.Vvedenskii. Medychshur. 22 no.3: 3-12 '52. (MIRA 11:2)
(VVEDENSKII, NIKOLAI EVGENIEVICH, 1852-1922)

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001962810002-2"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001962810002-2

YERMAKOV, M.V.

On the theory of the "physiological system of connective tissue." Medych.zhur. 22 no.5:90-93 '52. (MLRA 6:10)
(Connective tissues)

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001962810002-2"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001962810002-2

YERMAKOV, M.V.; VORONOY, Yu.Yu.

Urine secretory function of a transplanted kidney from the first day of its acclimatization. Medych. zhur. 23 no.3:35-42 '53. (MLRA 8:2)

1. Institut eksperimental'noi biologii i patologii im. akad. O.O. Bogomol'tsya.
(KIDNEYS--TRANSPLANTATION) (URINE--SECRETION)

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001962810002-2"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001962810002-2

YERMAKOV, M.V.; KUZNETSOVA, L.M.

Effect of bloodletting and of blood transfusion on blood level in the bone marrow in rabbits of various age groups. Med. zh., Kiev 23 no.5: 15-21 1953. (CIML 25:5)

1. Institute of Physiology imeni A. A. Bogomolets of the Academy of Sciences Ukrainian SSR.

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YERMAKOV, M.V.

Role of a city hospital in lowering morbidity in industrial plants.
Sov.zdrav. 15 no.3:29-33 My-Je '56. (MLRA 9:8)

1. Glavnyy vrach 2-y gorodskoy klinicheskoy bol'nitsy v Saratove
(INDUSTRIAL HYGIENE,
in Russia, role of city hosp. (Rus))
(HOSPITALS,
in Russia, role in indust. hyg. (Rus))

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YERMAKOV, N.P.

AVETISYAN, G.A.; DIK, N.Ye.; YERMAKOV, N.P.; YUSOV, B.V.; SHCHERBAKOV, D.I., akademik, otvetstvennyy red.; DOBROKRAVOVA, K.O., red.; KOSHELEVA, . . ., S.M., tekhn.red.

[Our homeland; an album of photographs] Nasha rodina; fotoal'bom. Moskva, Gos.izd-vo geogr.lit-ry, 1957. 309 p. [Parallel texts in Russian, German, English, and French] (MIRA 11:1)
(Russia--Views)

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YERMAKOV, N.

Gas Pipes

Devices for the installation and repair of gas mains, Zhil. -kom. khoz. 3, No. 1, 1953.

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

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"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001962810002-2

YERMAKOV , N.

YERMAKOV, N.

New device for maintenance of gas lines. Zhil.-kom.khoz. 4 no.3: 19-20 '54. (MLRA 7:6)

1. Slesar'-instrumental'shchik Karacharovskoy gazgol'dernoy stantsii.
(Gas pipes)

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001962810002-2"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001962810002-2

YERMAKOV, N., insh.

Coal production in Khakass Autonomous Province is on the increase. (MIRA 11:4)
Mnet.ugol. 7 no.4:19 Ap '58.
(Khakass Autonomous Province--Coal mines and mining)

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"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001962810002-2

YERMAKOV, N., inzh.

Valor of Khakassia miners. Mast.ugl. 8 no.2:11 F '59.
(MIRA 13:4)

1. Trest Khakassugol' Krasnoyarskogo sovnarkhoza.
(Khakass Autonomous Province--Coal mines and mining)

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YERMAKOV, N.

Visiting the coal miners of Khakass. Sov.shakht. 10 no.5:11 My '61. (MIRA 14:9)

(Khakass Autonomous Province--Coal miners)

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"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001962810002-2

YERMAKOV, N.A.; KIRIL'TSEV, B.I.; MITROFANOV, V.A.

Effectiveness of composts in grain and row crop cultivation. Zemledelie 24 no.5:25-27 My '62. (MIRA 15:7)

1. Oporno-pokazatel'nyy plemennoy sovkhoz "Pron'", Kimovskogo rayona, Tul'skoy oblasti. 2. Direktor oporno-pokazatel'nogo plemennogo sovkhoza "Pron'", Kimovskogo rayona, Tul'skoy oblasti (for Yermakov). 3. Glavnyy agronom Oporno-pokazatel'nogo plemennogo sovkhoza "Pron'", Kimovskogo rayona, Tul'skoy oblasti (for Kiril'tsev).

(Field crops--Fertilizers and manures)
(Compost)

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"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001962810002-2

USSR/Medicine - Veterinary, Infectious Anemia Mar 53

"An Experiment in the Use of VIEV Vaccine for the Treatment of Infectious Anemia of Horses," A.A. Levashov, N.B. Yermakov, B.V. Dryagin, B.V. Sidorenko

Veterinariya, No 3, pp 20-24

Detailed account of the exptl use of the VIEV (All-Union Institute of Experimental Veterinary Medicine) vaccine of G.M. Boshyan under lab and field conditions. The expts conducted demonstrated that a repeated prophylactic vaccination

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did not protect the horses from an experimentally produced infection, that repeated vaccination of horses at contaminated farms did not arrest the course of epizootics and, finally, that this vaccine is not a specific remedy for the treatment of horses affected with infectious anemia.

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"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001962810002-2

YERMAKOV, N. D.

20731. Yermakov, N.D. Primeneniye metallicheskikh stoyek S G K pri upravlenin Krovley polnym obrusheniyem. [Iz praktiki shakhty No. 5, tresta "Sverdlovugol"). Raboty DONUGI (Donetskiy nauch. - issled. ugol'nyy in-T), sb. 5, 1949, s. 21-26

SO: LETOPIS ZHURNAL STATEY - Vol. 28, Moskva, 1949

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"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001962810002-2

YERMAKOV, N.D., gornyy inzh.

Timbering and contrl of wall rocks in steep coal seams. Ugol' 35 no. 12:11-15 D '60. (MIRA 14:1)

1. Shakhtoupravleniye No. 2 tresta Krasnogvardeyskugol'.
(Donets Basin--Mine timbering)

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Declassified 1965

BONDAREVSKIY, Dmitriy Ivanovich, dotsent, kand.tekhn.nauk; YERMAKOV, Nikolay Dmitriyevich, insh.; ZIBERMAN, Grigoriy Rafailovich, insh.; OVECHNIKOV, Yevgeniy Vasil'yevich, kand.tekhn.nauk; CHERTOK, Mark Semenovich, insh.; SURGUCHEV, V.D., dotsent, retsenzent [deceased]; VOLOCHNEV, V.N., otv.red.; GOLOMEN, Yu.M., kand.tekhn.nauk, red.; TROFIMOV, A.N., red.; SHPOLYANSKIY, M.N., red.; NIKOLAYEVA, T.A., red.; LEL'YUKHIN, A.A., tekhn.red.

[Engineering handbook on city electric railroad transportation in three volumes] Tekhnicheskii spravochnik po gorodskomu elektrotransportu v trekh tomakh. Moskva, Izd-vo M-va kommun.khoz. RSFSR. Vol.2. [Streetcar transportation] Tramvai. Otv.red.V.N.Volochnev. 1960. 565 p.

(Street railways) (MIRA 13:7)

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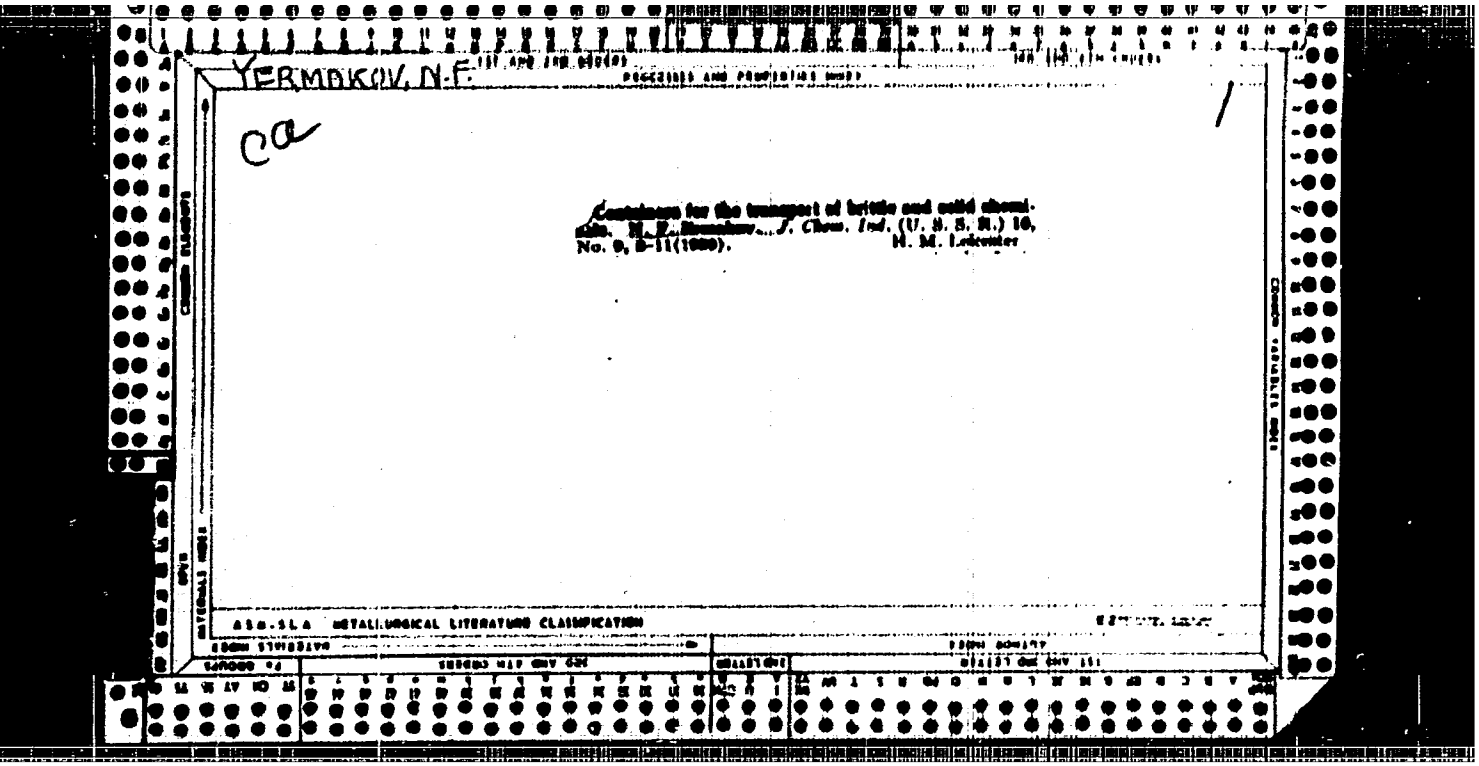
Deceased 1965

IVIN, K.V.; MOLODYKH, I.A.; YERMAKOV, N.D.[deceased]; MARKOVNIKOV, V.L., doktor tekhn. nauk; VATSURO, M.A. [deceased]; KRUGLOVA, L.P.; STRAKHOV, K.I.; DUL'KIN, I.A.; FAYN, A.G.; RUBINSKIY, N.V.; SPISKOV, V.S.; PERKIS, D.I., kand. tekhn nauk; LUCHAY, G.A., retsenzent; TROFIMOV, A.N., otv. red. toma; VOLOCHNEV, V.N., red.; SHPOLYANSKIY, M.N., red.; OTOCHEVA, M.A., red.izd-va; LELYUKHIN, A.A., tekhn. red.

[Technical handbook on electric city transportation in three volumes] Tekhnicheskii spravochnik po gorodskomu elektrotransportu v trekh tomakh. Redkoll.: V.N.Volochnev, A.N.Trofimov, M.N.Shpolianskii. Moskva, Izd-vo M-va Kommun.khoz.RSFSR. Vol.3. [Trolley buses] Trolleibus. 1963. 722 p. (Trolley buses) (MIRA 16:10)

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001962810002-2"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001962810002-2



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PA 28T30

[redacted]/Engineering Jul 1947

Cranes

Construction Machinery

"Lifting and Carrying Mechanisms for Small Construction," N. F. Yermakov, Candidate in Technical Sciences, N. A. Raffel', Engr, 4½ pp

"Mekhanizatsiya Stroitel'stva" No 7

Lists the various types of cranes used in construction work of buildings not over two stories high. The particular uses for which each type of crane is best suited are discussed, and tables on cost, manpower saved, etc., are presented.

1/1 [redacted]

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"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001962810002-2

YERMAKOV, N.F.

USSR

"Containers, Their Types, Field, and Methods of Application." Thesis for degree of Dr. Technical Sci. Sub 24 Nov 49, Moscow Highway Inst imeni V. M. Molotov

Summary 82, 18 Dec 52, Dissertations presented For Degrees in Science and Engineering in Mosco in 1949. From VEchernaya Moskva, Jan-Dec 1949.

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001962810002-2"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001962810002-2

YERMAKOV, N. F.; RUDNER, I. B.

"Mechanization of Hoisting-Transporting Works on Supply Depots and Bases," 1951, 152 p., Sovetskaya Kniga (Soviet Books), 128 p., Pravda Publ. House, 1952.

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001962810002-2"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001962810002-2

YERMAKOV, N.P.; SAMODAYEV, Ye.T.

The ?SS-1 cement hauling truck. Rats. i izobr.predl. v stroi. no.8?:23-24 '54. (Tanktrucks) (MIRA 9:6)

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001962810002-2"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001962810002-2

YERMAKOV, Nikolay Fedorovich, kandidat tekhnicheskikh nauk; ANDRIYEV, K.I., inzhener, redaktor; NEPOMNYASHCHAYA, T.F., redaktor; TOKER, A.M., tekhnicheskiy redaktor.

[Mechanized warehouses for the storage of cement] Mekhanizirovannye sklady tsementa. Moskva, Gos.izd-vo lit-ry po stroit. i arkhitekture, 1956. 156 p. (Cement--Storage) (MIRA 9:6)

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001962810002-2"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001962810002-2

YERMAKOV, N.F., kand.tekhn.nauk

Mechanizing the unloading of cement at storage points. Mekh. stroi. 18 no.6:5-9 Je '61. (MIRA 14:7)
(Cement) (Loading and unloading)

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"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001962810002-2

YERMAKOV, Nikolay Ivanovich; SHIRYAYEV, A.P., inzhener, redaktor; VERINA, G.P., tekhnicheskiy redaktor

[Testing electric machinery of electric rolling stock in depots; the work practice of the Tiflis depot of the Transcaucasian railroad] Ispytaniia elektricheskikh mashin elektropodvizhnogo sostava v depo; opyt raboty elektrovoznogo depo Tbilisi Zakavkazskoi zheleznoi dorogi. Moskva, Gos. transp. zhel-dor. izd-vo, 1956. 64 p. (MLRA 9:10)
(Electric railroads--Equipment and supplies)

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001962810002-2"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001962810002-2

YERMAKOV, N.I.

In the chemical engineering laboratory of an electric railroad station. Elek. i tepl. tiaga 2 no.2:33-34 F '58. (MIRA 11:4)

1. Nachal'nik laboratorii elektrodepo Tbilisi.
(Electric railroads--Equipment and supplies--Testing)
(Chemical engineering laboratories)

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"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001962810002-2

YERMAKOV, N.I.; TUMANOV, N.N.

We are checking the thermal stability of lubricating grease. Elek. i tepl. tiaga 2 no.8:23 Ag '58. (MIRA 11:9)
(Tiflis--Electric locomotives--Lubrication)

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001962810002-2"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001962810002-2

YERMAKOV, M.F.

Must we use a voltage of 40 kv. in testing electric locomotive rods? Elek. i tepl. tiaga 2 no.9:45 S '58. (MIRA 11:10)

1. Zaveduyushchiy khimiko-tekhnicheskoy laboratorii elektrodepo Tbilisi.

(Electric locomotives--Testing)

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"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001962810002-2

YERMAKOV, N.I.

Measures for the saving of electric power. Elek.i tepl.t'aga. 4 no.6:9-10 Je '60. (MIRA 13:8)

1. Nachal'nik khimiko-tekhnicheskoy laboratorii depo Tbilisi.
(Electric power) (Railroad--Repair shops)

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"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001962810002-2

YERMAKOV, N.I.

Assistance was received from the chemical engineering laboratory of the repair shop. Elek. i tepl. tiaga 5 no.6: 21-22 Je '61. (MIRA 14:10)

1. Zaveduyushchiy khimiko-tekhnicheskoy laboratoriyey elektrodepo Tbilisi.
(Electric locomotives--Repairing)
(Railroads--Repair shops)

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"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001962810002-2

YERMAKOV, N.I.

What caused the failure of the VL22M-1701 electric locomotive.
Elek.i tepl.tiaga 5 no.11:38 N '61. (MIRA 14:11)

1. Zaveduyushchiy khimiko-tekhnicheskoy laboratoriyey elektrodepo Tbilisi.
(Electric locomotives)

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L 29831-66 EWT(m)/T DJ

ACC NR: AP6005372 (A) SOURCE CODE: UR/0413/66/000/001/0118/0118

INVENTOR: Yermakov, N. N.; Danilov, K. D.; Bitkov, V. A.; Anokhin, I. D. 31 B

ORG: none

TITLE: High-vacuum seal for a rotary shaft. Class 47, No. 177715

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 1, 1966, 118

TOPIC TAGS: seal, vacuum seal, rotary shaft

ABSTRACT: An Author Certificate has been issued for a high-vacuum seal of a rotary shaft containing either a stationary or retary reservoir with a liquid sealer and a preliminary evacuation chamber. To ensure reliable sealing with a superhigh vacuum, molten metal, such as tin or indium, is used as the sealer. A piston moved by the pressure of the sealer toward the cavity closes its entry in emergencies caused by excessive pressure in the preevacuation chamber (see Fig. 1). Orig. art. has: 1 figure. [LD]

Card 1/2 UDC: 621.-762.6:621.-233:669-15h

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L 29881-66

ACC NR: AP6005372

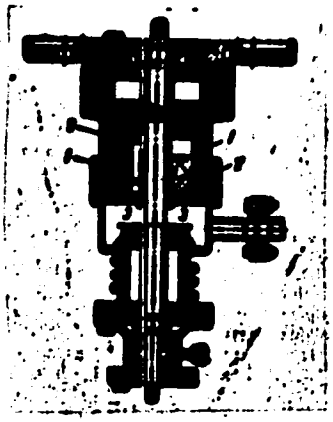

Fig. 1. High-vacuum seal for a rotary shaft

1 - Liquid-sealer reservoir; 2 - piston;
3 - preevacuation chamber

SUB CODE: 13/ SUBM DATE: 12Feb63

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"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001962810002-2

S/125/63/000/001/007/012
A006/A106

AUTHORS: Simonov, Yu. I., Yermakov, N. N. (Khabarovsk)

TITLE: Electric slag welding of gear wheel blanks

PERIODICAL: Avtomaticheskaya svarka, no. 1, 1963, 75 - 79

TEXT: The authors investigate the application of electric slag welding for gear wheel blanks 300 - 800 mm in diameter, made of 40 X (40Kh) Ст. 5 (St. 5) and 45 grade steels. The gears were welded on a АДС -1000 (ADS-1000) automatic machine with a consumable tip, and plate and wire electrodes. The basic technical characteristics of the unit are: electrode wire diameter - 3 mm; number of electrodes 1; welding current up to 1000 amps; rated circuit voltage - 380 v; voltage on the electrode - 30 to 50 v; vertical displacement of the welding torch 10 m/h; thickness of welded material - 20 to 70 mm, the consumable tip is made of manganous steel. Св-08 (Sv-08) filler wire, ОСЦ-45 (OSTs-45) and АН-8 (AN-8) flux are used. Blanks up to 1m high can be welded on the described machine. Welding conditions, optimum sections of the tip, and mechanical properties of the weld are given in tables. The following results are obtained. The metal of the weld,

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"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001962810002-2

Electric slag welding of gear wheel blanks

S/125/63/000/001/007/012
A006/A106

the fusion zone and the heat affected zone of St.5, 45 and 40Kh steels show high strength, yield point and toughness. The cross-sectional contraction of the weld metal in St.5, 45 and 40Kh steels exceeds that of the base metal. The hardness of the metal in the weld, the fusion zone, and the heat affected zone of the aforementioned steel grades varies slightly and corresponds to the hardness of the base metal. Burnishing tests of electric-slag welded gear wheels show that the operational capacities of base and built-up metal gears are practically equal. The replacement of forged and cast wheels by welded rolled metal gear wheels, assures high quality of the parts, facilitates labor conditions and reduces labor consuming operations. There are 4 tables and 3 figures.

SUBMITTED: May 8, 1962

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APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001962810002-2"

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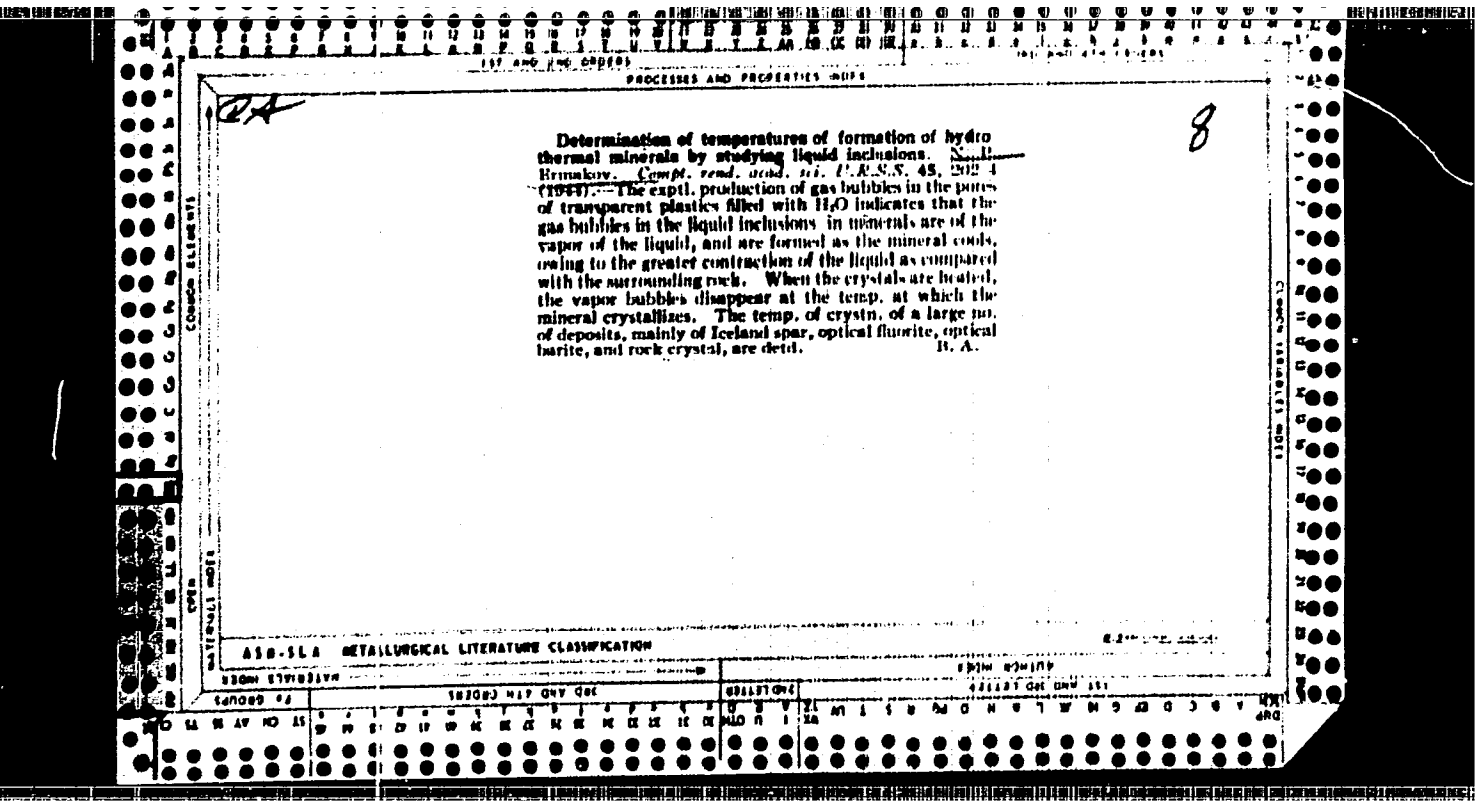

PROCESSES AND PROPERTIES INDEX

8

Determination of temperatures of formation of hydrothermal minerals by studying liquid inclusions. N. I. Ermakov. *Compt. rend. acad. sci. U.R.S.S.* 45, 202-4 (1944).—The expt. production of gas bubbles in the pores of transparent plastics filled with H_2O indicates that the gas bubbles in the liquid inclusions in minerals are of the vapor of the liquid, and are formed as the mineral cools, owing to the greater contraction of the liquid as compared with the surrounding rock. When the crystals are heated, the vapor bubbles disappear at the temp. at which the mineral crystallizes. The temp. of crystn. of a large no. of deposits, mainly of Iceland spar, optical fluorite, optical barite, and rock crystal, are detd. H. A.

ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001962810002-2"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001962810002-2

YERMAKOV, N. P.

"Genetic Types of Crystal-Bearing "Celiars" and Quartz Veins of Aldan," Dokl. AN SSSR, 48, No.1, 1945

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001962810002-2"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001962810002-2

YERMAKOV, N. P.

Yermakov, N. P. "On the stratigraphy of Neogene deposits of the Soviet Zakarpat'ye," Trudy L'Vovsk. geol. o-va pri Gos. un-te im. Franko, Geol. seriya, Issue 1, 1948, p. 26-42

SO: U-3850, 16 June 53, (Letopis 'Zhurnal 'nykh Statey, No. 5, 1949).

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"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001962810002-2

YERMAKOV, N. P.

Yermakov, N. P. "Plan of morphological division and problem of geomorphogenesis of Soviet Carpathia," Trudy L'vovsk. geol. o-va pri Gos. un-te im. Franko, Geol. seriya, Issue 1, 1948, p. 62-86 - Bibliog: 21 items

SO: U-3850, 16 June 53, (Letopis 'Zhurnal 'nykh Statey, No. 5, 1949).

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"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001962810002-2

YERMAKOV, N. P.

Yermakov, N. P. "Origin and classification of liquid occlusions in minerals," Mineral. sbornik, No. 2, 1948, p. 53-73 - Bibliog: 32 items.

SO: U-3850, 16 June 53, (Letopis 'Zhurnal 'nykh Statey, No. 5, 1949).

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YERMAKOV, N. P.

Yermakov, N. P. "Utilization of the defects in fluorite crystals for a study of the essential history of the mineral," Mineral. sbornik, No. 2, 1948, p. 93-112 - Bibliog: 23 items

SO: U-3850, 16 June 53, (Letopis 'Zhurnal 'nykh Statey, No. 5, 1949).

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001962810002-2"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001962810002-2

YERMAKOV, N. P.

35879 O pervichnovtorichnykh vklyucheniyakh v mineralakh. Mineral. Sbornik (L'vov) no 3, 1949, c. 27-27—Bibliogr: 9 Nazv

SO: Letopis' Zhurnal'nykh Statey, No. 49, 1949

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001962810002-2"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001962810002-2

YERMAKOV, N.P.

35939 YERMAKOV, N.P. i SUKHORSKIY, R.F. krivaya dlya visual'nogo opredeleniya temperatury obrazovaniya gidrotermal'nogo kvartsa. mineral. sbornik (l'vov), No. 3, 1949, S. 143-49

SO: Letopis' Zhurnal'nykh Statey, No. 49, 1949

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"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001962810002-2

YERMAKOV, N.P.

35880

Zhidkiye vklyucheniya v geologicheskoy termometrii. (po povodu raboty ye. Ingersona v zhurn. <<the American Mineralogis>>, 1947, no. 7-8) mineral. sbornik (L'vov), no. 3, 1949, s. 221-26--bibiogr: 8 nazv.

SO: Letopis' Zhurnal'nykh Statey, Vol. 39, Moskva, 1949

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"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001962810002-2

YERMAKOV, N. P.

GP Thermal method of analysis of minerals from hydrothermal deposits. N. P. Ermakov (Lvov State Univ.). Mineralog. Sbornik, L'vov. Geol. Obshchestvo 4, 46-70 (1950).—Discussion of the detn. of temps. of formation of hydrothermal minerals on the basis of liquid inclusions; methods

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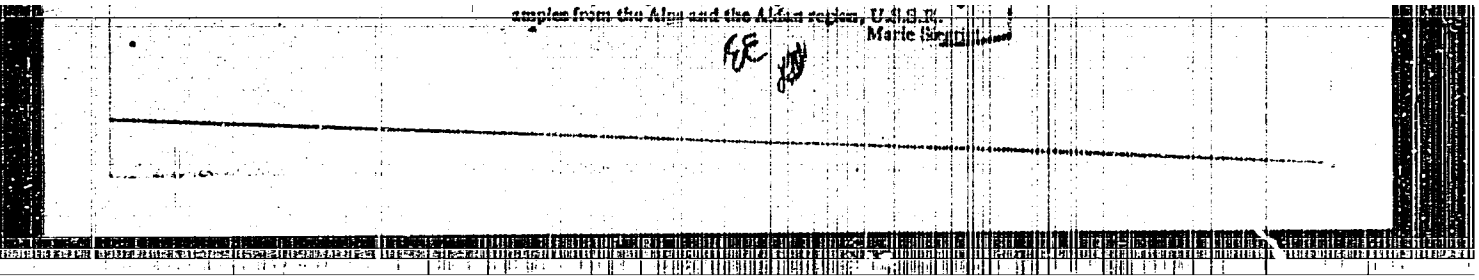

samples from the Alps and the Altai region, U.S.S.R.
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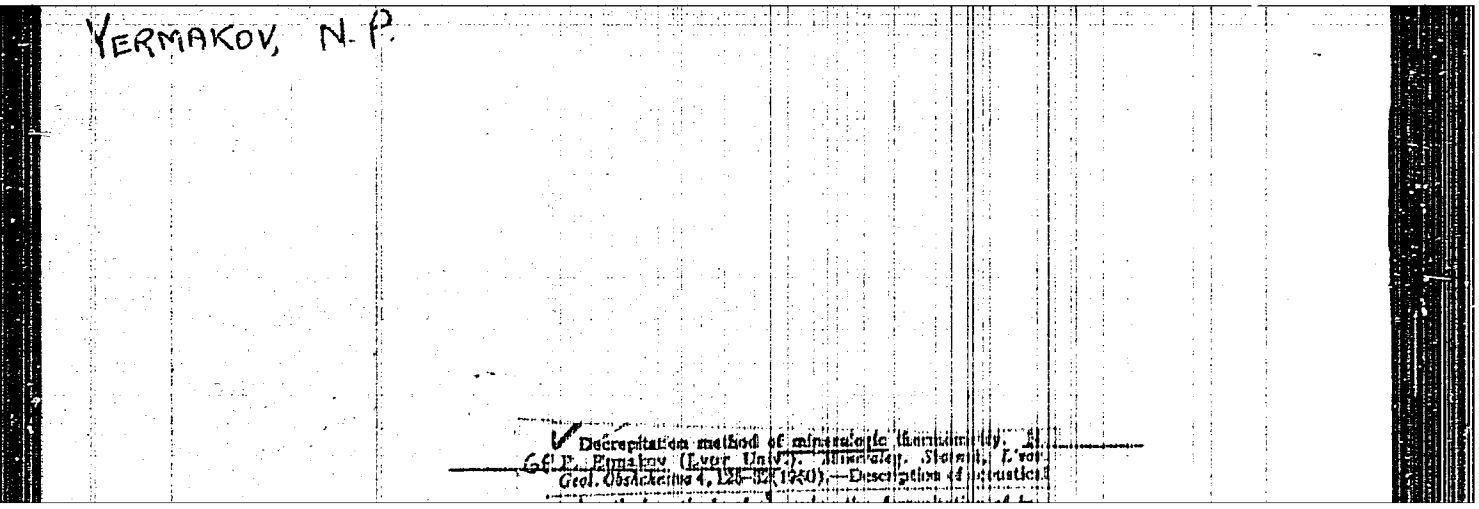

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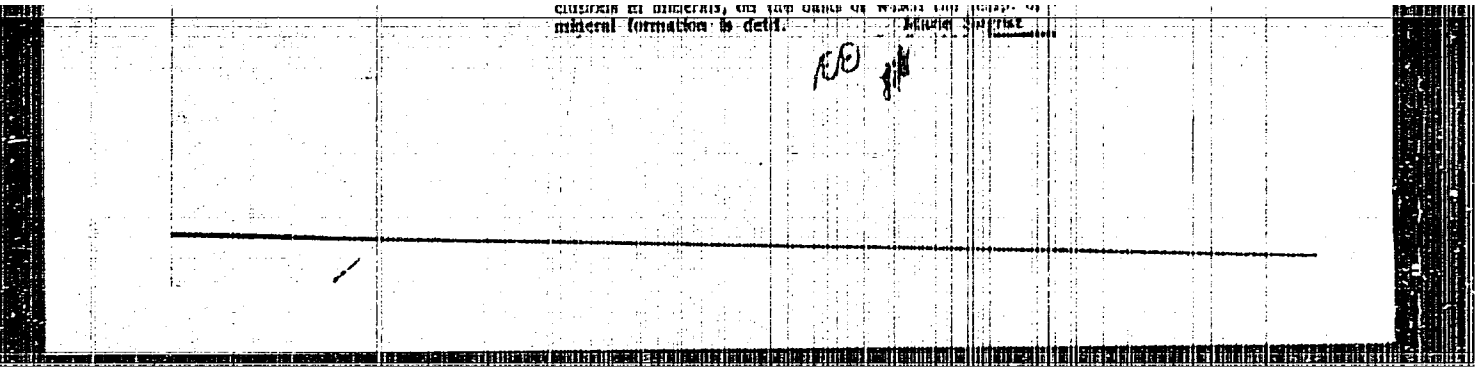

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"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001962810002-2

LAZARENKO, Ye.K.; LAZ'KO, Ye.M.

"Research in mineral forming solutions; temperatures and aggregate state" by N.P.Brunkov. Reviewed by E.K.Lazarenko, E.M. Laz'ko. Min.sbor. no.5:359-368 '51. (MLRA 9:12)

1. Gosuniversitet imeni Ivana Franko, L'vov.
(Mineralogical chemistry) (Brunkov, N.P.)

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001962810002-2"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001962810002-2

YERMAKOV, N. P.; KOZERENKO, V. N.; LAZARENKO, YE. K.; LAZ'KO, YE. M.; REZVOY, D. P.; VIKTOR ARSEN'YEVICH NIKOLAYEV

"On the Occasion of His 60th Birthday and 35th Year of Scientific Activity," Mineralog. sb. L'vovsk. geol. o-va, No 7, 330-332, 1953

V. A. Nikolayev, a corresponding member of the Academy of Sciences USSR, is one of the greatest specialists in the field of stratigraphy, vulcanism, and tectonics of Central Asia. He established the sharp tectonic boundary between the northern and southern zones of the T'ien-Shan Mountains, the so-called "most important structural line of the T'ien-Shan," or "line of Nikolayev." In recent years, Nikolayev has been occupied with working out the general problems of physicochemical petrology and the problems of the application of thermodynamics to the processes of magmatic crystallization and metamorphism. Especially important are his theoretical investigations into the field of systems with volatile components of the rock-forming silicate-water type. Study of the ternary systems gives an understanding of the processes governing the formation of hydrothermal and pneumatolite solutions.

RZhGeol, No 1, 1955

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"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001962810002-2

NIFONTOV, Roman Vladimirovich; YEMMAKOV, M.P., redaktor; GODOVIKOVA, L.A., redaktor; GUROVA, O.A., tekhnicheskiy redaktor.

[Principles of prospecting, surveying and calculating deposits of piezooptic minerals; manual of methods] Osnovy poiskov, razvedki i podscheta zapasov p'esoopticheskikh mineralov; metodicheskoe rukovodstvo. Sost.R.V.Nifontov. Moskva, Gos. nauchno-tekhn.izd-vo lit-ry po geologii i okhrane nedr. 1955. 93 p. (MLRA 8:11)

(Prospecting)

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"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001962810002-2

YERMAKOV, N. P., Professor

"Chamber Pegmatites in the Desert of Betpakdal and Conditions under which Piezo-optical Minerals are Formed in Them," Lomonsov Lectures in 1956, VEst. Mosk. U., Physico Math and Natural Sciences Series, 4, No. 6, 00 147-160, 1956, Museum of Geography

Translation U-3,054,363

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"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001962810002-2

YERMAKOV, N.P.

LAZ'KO, Yevgeniy Mikhaylovich; YERMAKOV, N.P., prof., otvetstvennyy red.; GAZER, S.L., red.; SARANYUK, T.V., tekhn.red.

[Crystalline quartz veins and their genesis, based on a study of the Aldan rock crystal deposits] Khrustalenosnye kvartsevye zhily i ikh genesis na primere izucheniia Aldanskikh mestorozhdenii gornogo khrustalia. [L'vov] Izd-vo L'vovskogo univ., 1957. 202 p. (MIRA 11:4)
(Rocks, Crystalline and metamorphic)

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001962810002-2"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001962810002-2

YERMAKOV, N.P.; KALYUZHNYY, Vl.A.

Possibility of establishing the true temperatures of mineralogenetic solutions. Trudy VNIIP 1 no.2:41-51 '57. (MIRA 12:3)
(Geochemistry)

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001962810002-2"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001962810002-2

TRUSHKOV, N.P., prof.

Significance of the study of inclusions in minerals for the theories of ore formation and mineralogenetic media. Trudy VNIIP 1 no.2:9-29 '57. (MIRA 12:3)
(Geochemistry)

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001962810002-2"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001962810002-2

YERMAKOV, N.P.; KALYUZHNYY, Vl.A.; MYAZ', N.I.

Results of mineralothermometric investigation of some morion crystals from Volhynia. Trudy VNIIP 1 no.2:117-127 '57. (MIRA 12:3)

(Volyn' Province--Morion)

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001962810002-2"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001962810002-2

YERMAKOV, N.P.; MYAZ', N.I.

Effect of liquid and gaseous inclusions on the extent of losses caused by the roasting of minerals. Trudy VNIIP 1 no.2:151-154 '57. (MIRA 12:3)

(Mineralogical chemistry)

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"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001962810002-2

YERMAKOV, N.P.

Mother liquor inclusions in minerals and their theoretical and practical significance. Trudy VNIIP 1 no.2:173-175 '57.
(MIRA 12:3)

(Geochemistry)

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