

NIKITIN, I.F.

Middle Ordovician Yerkebidai and Angrenor series in the Chingiz-Tau. Izv. AN Kazakh. SSR. Ser. geol. no. 3:14-34 '60. (MIRA 13:11)  
(Chingiz-Tau--Geology, Stratigraphic)

NIKITIN, I.F.

Upper Ordovician Zharsor series in the Chingiz-Tau and its south-western foothills. Trudy Inst. geol. nauk AN Kazakh. SSR no.3: 87-102 '60. (MIRA 14:1)

(Chingiz-Tau region--Geology, Stratigraphic)

ABDULKABIROVA, M.A.; ALEKSANDROVA, M.I.; AFONICHEV, N.A.; BARDALETOV,  
S.M.; B.SPALOV, V.F.; BOGDANOV, A.A.; BOLOVIKOV, L.I.; BORSUK,  
B.I.; BORUKAYEV, R.A.; BUVALKIN, A.K.; BYKOVA, M.S.; DVORTSOVA,  
K.I.; DEMBO, T.M.; ZHUKOV, M.A.; ZVONTSOV, V.S.; IVSHIN, N.K.;  
KOPIYATKEVICH, R.A.; KOSTENKO, N.N.; KUMPAN, A.S.; KULDYUKOV,  
K.V.; LAVROV, V.V.; LYAPICHEV, G.F.; MAZURKEVICH, M.V.;  
MIKHAYLOV, A.Ye.; MIKHAYLOV, N.P.; MYCHNIK, M.B.; NIDLENKO, Ye.N.;  
NIKITIN, I.F.; NIKIFOROVA, K.V.; NIKOLAYEV, N.I.; PUPYSHEV, N.A.;  
RASKATOV, G.I.; RENGARTEN, P.A.; SAVICHLVA, A.Ye.; SALIN, B.A.;  
SEVRYUGIN, N.A.; SEMENOV, A.I.; CHEFNYAKHOVSKIY, A.G.; CHUYKOVA,  
V.G.; SHLYGIN, Ye.D.; SHUL'GA, V.M.; EL'GER, E.S.; YAGOVKIN, V.I.;  
NALIVKIN, D.V., akademik, red.; PERMINOV, S.V., red.; MAKUSHIN,  
V.A., tekhn.red.

[Geological structure of central and southern Kazakhstan]  
Geologicheskoe stroenie Tsentral'nogo i Iuzhnogo Kazakhstana.  
Leningrad, Otdel nauchno-tekhn.informatsii, 1961. 496 p.  
(Leningrad. Vsesoiuznyi geologicheskii institut. Materialy, no.41)  
(MIRA 14:7)

(Kazakhstan--Geology)

KNIPPER, A.L.; NIKITIN, I.F.

New data on the Ordovician stratigraphy in the southern Ulu-Tau  
(central Kazakhstan). Izv. AN Kazakh. SSR. Ser. geol. no.1:  
23-29 '62. (MIRA 15:5)  
(Ulu-Tau--Geology, Stratigraphic)

APOLLONOV, M.K.; NIKITIN, I.F.; TSAY, D.T.

Ordovician deposits in the southern part of the Selety through  
(central Kazakhstan). Izv.AN Kazakh.SSR. Ser.geol.nauk no.1:  
36-53 '63. (MIRA 16:8)

1. Institut geologicheskikh nauk AN KazSSR, Alma-Ata.  
(Kazakhstan--Geology, Stratigraphic)

NIKITIN, I.F.

Structural-facies (provincial zones) in the western part of the  
Kazakhstan. Izv. AN Kazakh. SSR. Ser. geol. 2, no. 3:7-12. 1964.  
MIRA 1964

Institut geologicheskikh nauk im. K.I. Satpayeva AN KazSSR  
Alma-Ata.

BANDALETOV, S.M.; B RUDYAK, M.A.; KOVALEVSKIY, G.P.; NEKITIN, I.P.

Upper Ordovician and lower Silurian sediments in the Fzombak  
Mountain region of the Chingiztau (central Kazakhstan). Izv.  
AN Kazakh. SSR. Ser. geol. 22 no.1:35-44 Ja-F '65.

(MIRA 18:6)

1. Institut geologicheskikh nauk im. K.I. Satpayeva, g. Alma-Ata,  
i Vsesoyuznyy nauchno-issledovatel'skiy geologicheskii institut,  
g. Leningrad.

NIKITIN, I.G.

Rapid-acting spring-pneumatic check. Elek.1 topl.tiaga 3 no.5:28  
M~~y~~ '59. (MIRA 12:9)

(Chucks)



FEDOSOV, N.M.; KALOSHIN, I.N.; MARTIN, I.C.

Contact area during rolling in breakdown passes oval to  
square and oval to edging oval. Izv. vys. ucheb. zap. ser. 1966.  
met. 8 no.11:74-79 165. (MIRA 18.11)

1. Moskovskiy institut stali i splavov.

S/184/62/000/001/001/001  
D041/D113

**AUTHORS:** Zaks, Yu.I., Nikitin, I.I., Rumyantsev, V.A., Engineers

**TITLE:** New designs of hermetic water ring vacuum pumps and compressors

**PERIODICAL:** Khimicheskoye mashinostroyeniye, no. 1, 1962, 4-6

**TEXT:** The authors describe the design and operation of the new BBH-50 (VVN-50) hermetic water ring vacuum pump (fig. 1) manufactured at the Sumskiy mashinostroitel'nyy zavod im. M.V. Frunze (Sumy Machine-Building Plant im.M.V. Frunze), and compare it with the PMK (RMK) water ring vacuum pump (fig. 1). The VVN-50 pump has a capacity of 50 m<sup>3</sup>/min. and can be used as a vacuum pump and a low pressure compressor (to 1.5 at). The advantage of the new pump is that it can be more easily used for compressing explosive and toxic gases. This is due to its automatic self-regulating hydraulic packings which prevent the gas from streaming out of the working space and the sealing liquid from flowing out of the system; since the

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New designs of hermetic...

S/104/62/000/001/002, 018  
D041/D113

shaft packing is located near the liquid and not near the gas as in conventional pumps, the system is still more air-tight. Ejectors operating as booster-pumps can be used to increase the vacuum. As compared to water ring vacuum pumps presently used in the USSR, the VVN-50 pump has the following advantages: (1) specific capacity reduced to 24%; (2) specific water delivery reduced to 50%; (3) weight per 1 m<sup>3</sup>/min of output reduced to 21% and (4) required floor space reduced by 22%. There are 3 figures and 2 tables.

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NIKITIN, Ivan Ivanovich; YAMNICHENKO, I.M. [Iamnichenko, I.M.]; POKROVSKAYA, Z.S.  
[Pokrovs'ka, Z.S.], red.izd-va; MATVIYCHUK, O.O., tekhn.red.

[Upper Cretaceous belemnites in the northeastern wing of the  
Dnieper-Donets Lowland] Verkh'okreidovi belemnity pivnichno-  
skhidnoho kryla Dniprovs'ko-Donets'koi zapadyny. Kyiv, Vyd-vo  
Akad. nauk Ukr.RSR. 1958. 90 p. (Akademia nauk URSR, Kiev.  
Instytut geologichnykh nauk. Trudy. Seriya stratygrafii i  
paleontologii, no.20) (MIRA 12:8)  
(Dnieper Lowland--Belemnites)  
(Donets Valley--Belemnites)

NIKITIN, I.I.

Phylogenetic relationships between the species *Belemnitella mucronata* Schloth. and *Belemnitella lanceolata* (Sinz.) [with summary in English]. *Dop.AN URSR* no.12:1341-1344 '58.  
(MIRA 12:1)

1. Institut geologicheskikh nauk AN USSR. Predstavil akademik AN USSR V.G.Bondarchuk [V.H.Bondarchuk].  
(Belemnites)

NIKITIN, I. I., Cand Geol-Mineral Sci -- (diss) "Upper Cretaceous belemnites of the northeastern side of the Dneprovsko-Donets depression,"  
Kiev, 1960, 22 pp, 150 cop. (Kiev State U in T. G. Shevchenko) (KL, 45-60, 123)

NIKITIN, I.I.

Stratigraphic division of the Jurassic sediments in the northern part of the Kanev dislocation region. Dop. AN URSR no.4:520-523 '64. (MIRA 17:5)

1. Institut geologicheskikh nauk AN UkrSSR. Predstavleno akademikom AN UkrSSR V.G.Bondarchukom [Bondarchuk, V.].

NIKITIN, I.I.

Germanium in the coal inclusions of Mesozoic sediments in  
the Dnieper Valley. Dop. AN URSR no.11:1512-1514 '64.

(MIRA 18:1)

1. Institut geologicheskikh nauk AN UkrSSR. Predstavleno  
akademikom AN UkrSSR V.G. Bondarchukom [Bondarchuk, V.H.].



NIKITIN, I.K., inzh.-mekhanik

Repairing frames of GAZ-51 trucks. Mekh.sil'.bosp. 9 no.11:22-23  
N '58. (MIRA 11:12)

(Mototrucks—Maintenance and repair)

NIKITIN, I.K., inzh.; SLIVINSKAYA, A.G., inzh.

Increase in the cooling capability of water-cooling reservoirs.  
Elek. sta. 34 no.10:45-47 0 '63. (MIRA 16:12)

NIKITIN, I.K. (Kiev)

"Turbulent characteristics of uniform plane stream with free surface"

Report presented at the 2nd All-Union Congress on Theoretical and Applied Mechanics, Moscow 29 Jan - 5 Feb 64

NIKITIN, I. K.

Nikitin, I. K. "Problem of the age of certain granite intrusions in the southwestern part of the Hissar range," --- in the table of contents: N. K. Nikitin --- Soobshch. Tadz. filiala Akad. nauk SSSR, Issue 3, 1949, p. 3-5

SO: U-3566, 15 March, 53 (Letopis 'Zhural 'naykh Staty, No. 14, 1949)

HEMIDIN, I. N.

"A Curvilinear Sedimentation Tank With a Continuous Washout." Cand. Tech. Sci.,  
Inst of Structures, Acad Sci Uzbek SSR, Tashkent, 1964. (L, No 13, Mar 65)

So: Sum. No 670, 29 Sept 65 - Survey of Scientific and Technical Dissertations  
Defended at USSR Higher Educational Institutions 1965

**NIKITIN, I.K., kandidat tekhnicheskikh nauk.**

Controlling sedimentation in hydraulic installations with the aid  
of curved sand traps. Vop.gidr. no.1:137-150 '55. (MLBA 9:12)  
(Sedimentation and deposition)

SOV/124-57-8-9248

Translation from: Referativnyy zhurnal. Mekhanika. 1957 Nr 8. p 95 (USSR)

AUTHOR: Nikitin, I. K.

TITLE: A New Instrument for the Measurement of the Intensity of the Turbulence of the Flow in Sediment-transporting Canals (Novyy pribor dlya izmereniya velichiny turbulentnosti potoka v transportiruyushchikh nanosy kanalakh)

PERIODICAL: Izv. AN UzSSR, 1956, Nr 7, pp 45-55

ABSTRACT: A description of a method for the measurement of the root mean-square velocity pulsations in a plane perpendicular to the direction of a flow. A 10% CuSO<sub>4</sub> solution is permitted to enter the flow from a thin-walled pipe aligned with the direction of the flow. At a suitable distance from the outlet section of the pipe a recording screen made of thin iron rods is placed in a plane perpendicular to the direction of the flow. The dimensions of the black spot formed on the screen of the instrument over a specified interval of time afford a criterion for the assessment of the magnitude of the pulsational components of the velocity in the plane of the cross section of the flow. A theoretical formula, obtained by the author, which ties the diameter of the spot

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SOV/124-57-8-9248

. A New Instrument for the Measurement of the Intensity of the Turbulence (cont.)

with the magnitude of the RMS pulsation velocity is set forth. Measurements with the novel instrument were conducted by the author under laboratory conditions as well as in canals of the Kara-Kalpakskaya ASSR and the Kirgiz SSR. Measurements were made in clear streams of water, as well as in streams carrying sediments. Bibliography: 7 references.

N. A. Mikhaylova

Card 2/2



NIKIFIN, I.K., kand.tekhn.nauk

Investigating the structure of turbulent current in irrigation  
canals. Trudy SANIIRI no.91:55-76 '58. (MIRA 14:1)  
(Irrigation canals and flumes)

NIKITIN, I. K., kand.tekhn.nauk; FROLIKOVA, Ye. Ya., mladshiy nauchnyy  
sotrudnik

Relation between the height of wind waves and the velocity of wind  
according to observations in situ in reservoirs of Central Asia.  
Trudy SANIIRI no.99:3-13 '59. (MIRA 14:5)

(Waves)

(Winds)

(Soviet Central Asia--Reservoirs)

NIKITIN, I.K., kand.tekhn.nauk

Pneumatic wave generator for large-scale wave flumes. Trudy  
SANIIRI no.99:25-35 '59. (MIRA 14:5

(Waves)  
(Hydraulic models)

NIKITIN, I.K., kand.tekhn.nauk

A new type of prefabricated reinforced concrete facing for the protection of upstream slopes of earth dams from the destruction by wind waves. Trudy SANIIRI no.99:37-42 '59. (MIRA 14  
(Dams)  
(Precast concrete construction)

NIKITIN, I.K., kand.tekhn.nauk

Studying the structure of the bottom layer of a stream under  
conditions of turbulent flow in a rough channel. Trudy SANIIRI  
no.99:43-64 '59. (MIRA 14:5)

(Hydraulics)

NIKITIN, I.K.; VASYUKOVICH, V.G. [Vasiukovych, V.H.]

New layout for a cooling pond with an ejector pump arrangement  
and the use of hydraulic and thermal models to study it.  
Visti Inst. hidrol. i hidr. AN URSR 21:8-13 '62.  
(MIRA 16:4)

(Hydraulics)

NIKITIN, Ivan Kuz'mich; ROZOVSKIY, L.I., doktor tekhn.nauk, otv.  
red.; LISOVETS, A.M., tekhn. red.

[Turbulent channel flow and processes in the bottom area].  
Turbulentnyi ruslovoi potok i protsessy v pridonnoi oblasti.  
Kiev, Izd-vo AN Ukr.SSR, 1963. 141 p. (MIRA 16:8)  
(Hydraulics)

TAL', K.E., kand. tekhn. nauk; LESSIG, N.N., kand. tekhn. nauk; Prinsipali uchastiye: GVOZDEV, A.A.; ALEKSANDROVSKIY, S.V.; BORISHANSKIY, M.S.; DMITRIYEV, S.A.; KRILOV, S.M.; MIKHAYLOV, K.V.; MULIN, N.M.; NEMIROVSKIY, Ya.M.; CHISTYAKOV, Ye.A.; VASIL'YEV, B.F.; BOGATKIN, I.L.; ZALESOV, A.S.; NIKITIN, I.K.

New standards SNiP II-V. 1-62 for the design of concrete and reinforced concrete elements. Bet. i zhel.-bet. 9 no.3:97-102  
Mr. '63. (MIRA 16:4)

1. Nauchno-issledovatel'skiy institut betona i zhelezobetona Akademii stroitel'stva i arkhitektury SSSR (for all except Vasil'yev, Bogatkin, Zalesov, Nikitin). 2. Gosudarstvennyy institut tipovogo proyektirovaniya i tekhnicheskikh issledovaniy (for Vasil'yev, Bogatkin, Zalesov, Nikitin).



NIKITIN, I.K.; VASNUKOVICH, V.S. (Vaslukovich, V.H.)

Effect of agitation of flow on the coding capability of reservoirs.  
Visti Inst. Hydrol. i hidr. AN SSSR 29: 11-48 1969.

1969-1970

DIDKOVSKIY, M.M., kand. tekhn. nauk, otv. red.; DYATLOVITSKIY,  
L.I., doktor tekhn. nauk, red.; ROZOVSKIY, I.L., doktor  
tekhn. nauk, zam. otv. red.; NIKITIN, I.K., kand. tekhn.  
nauk, red.; PYSHKIN, B.A., red.; SILIN, N.A., kand. tekhn.  
nauk, red.; SUKHOMEL, G.I., akademik, red.; SHTEPANEK,  
S.I., kand. tekhn. nauk, red.; GILELAKH, V.I., red.

[Hydraulic engineering and fluid mechanics] Gidrotekhnika  
i gidromekhanika. Kiev, Naukova dumka, 1964. 217 p.  
(MIRA 17:12)

1. Akademiya nauk Ukr.SSR, Kiev. Instytut hidromekhaniky.
2. Chlen-korrespondent AN Ukr.SSR (for Pyshkin). 3. AN Ukr.SSR (for Sukhomel).

LIGAY, I.I.; NIKITIN, I.K.

Economical efficiency of using narrow-cut stopes in the K12  
sect. Nauch. trudy KNIUI no.13:344-351 '64 (MIRA 16:1)

USSR/Human and Animal Physiology - Aviation Physiology.

V-11

Abs Jour : Ref Zhur - Biol., No 4, 1958, 18739

airplane in place of the conventional symbols; this would make it possible to translate perception of the plane's evolutions into the sphere of the primary signal system.

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NIKITIN, I.M. polkovnik med. sluzhby

Analysis of pilot errors in bounce or ballooning during landing. Voer.  
med. zhur. no.2:78-79 F 157 (MIRA 12:7)

(AVIATORS,

neural factors in landing errors (Rus))

NIKITIN, I.M., polkovnik meditsinskoy sluzhby

Physiological analysis of some circumstances contributing to  
aviation accidents. Voen.-med. zhur. no.4:58-62 Ap '61. (MIRA 15:6)  
(AERONAUTICS, ~~MILITARY~~---ACCIDENTS)

HALL', D.S., kand. voyenno-morskikh nauk, inzh.-kapitan 1-go ranga; NIKITIN, I.M.,  
inzh.-kapitan 1-go ranga; TRUKHAYEV, R.I.

Using the game method for making an optimal decision under conditions  
of uncertainty. Mcr. sbor. 47 no.3:27-35 Mr '64. (MIRA 18:7)

NIKITIN, I.M. kand. tekhn. nauk, inzh. kapitan 2-go ranga.

Use of the statistical decision theory for the analysis of combat  
actions under conditions of uncertainty. Mor. sbor. 48 no.10:22-  
29 0 '65. (MIRA 18:9)



NIKIFIN, I.N.

Nikitin, I.N. "In the memory of Professor Nikolay Petrovich, Koorandv, Doctor of Agricultural Sciences, (On the 65th anniversary of his birth)", Trudy Lesotekhn. akad. im. Kirova, No. 63, 1966, p. 170-71.

SO: U-3042, 11 March 63, (Letopis 'nkh. State, No. 9, 1949)

NIKITIN, I. N.

27848. Nikitin, I. N. Vozrastnaya stadiynost' i metody uskoreniya rosta  
duba v pervyye gody ego zhizni les i step' 1949, No. 2, s. 16-26

SO: Letopis' Zhurnal'nykh Statey, Vol 3<sup>o</sup>, 1949

WILSON, J. S.

WILSON, J. S. "Michurin's biological science-- in the service of Soviet and  
landscape gardening," *Trudy Leningrad. univ. in va.*, no. 66, 1966, p. 1-17

See: H-5246, 17, sec. 53, *Leto is "Iurnal" Leningrad. univ.*, no. 66, 1966.

НИКТИН, И. Н.

20553

Myetody Uskoryeniy: Rosta Duba (P. Kozuch) V Pyervyye Tsyazyh Zolotnykh Tsyazyh  
Lyetsyevskan Adad Im Kirova, No. 66, 1949, p. 155-69- Bibliogr:  
29 Naav

SC: LPTUIS No. 38

NIKITIN, I. N.

Forests and Forestry

New ideas in forestry in the light of Michurin agrobiology. Les.khoz. 5 No. 6 1952.

9. Monthly List of Russian Accessions, Library of Congress, August 195~~3~~<sup>2</sup> Uncl.

*NIKITIN, I. N.*

USSR/Forestry - Tree Biology and Typology.

K.

Abs Jour : Ref Zhur - Biol., No 21, 1953, 95811

Author : Nikitin, I.N.

Inst : -

Title : Recent Data on the Biology of Some Forest Species and Timber Stands.

Orig Pub : Lesn. kh-vo, 1958, No 2, 18-20.

Abstract : As a result of tests in the leskhozos of the Leningrad Oblast, it was established that in spruce needles, during its inter growth with pine, an absence of resin channels is observed, while in pine needles, the number increases from 6-10 to 18. The loss of resin flows in the spruce under the influence of pine can take place only when a permanent exchange and distribution of plastic substances and mineral salts is effected between both species. The author assumes that the increased productivity and faster growth of the pine-spruce plantings is the result of

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LYUBASHENKO, S.Ya., prof.; ADAYKIN, P.V.; BAKHTIN, A.G., kand. veter. nauk;  
NIKITIN, I.N., veterinarnyy vrach (Irkutskaya oblast'); SAZONOV, V.I.,  
Yu.I., veterinarnyy vrach (Irkutskaya oblast'); SAZONOV, V.I.,  
veterinarnyy vrach (Irkutskaya oblast')

Leptospirosis of farm animals. Veterinariia 41 no.7:36-42  
51 '64. (MIRA 18:11)

1. Nachal'nik veterinarnogo otdela Ulyanovskogo oblastnogo  
upravleniya proizvodstva i zagotovok sel'skokhozyaystvennykh  
produktov (for Adaykin). 2. Vsesoyuznyy institut eksperimental'noy  
veterinariii (for Bakhtin).

L 24688-66 EWT(1)/T JK

ACC NR: AP6015816 (A, N) SOURCE CODE: UR/0346/65/000/009/0006/0007

AUTHOR: Nikitin, I. N. (Chief of veterinary section); Kudryavtsev, A. P. (Director)ORG: [Kudryavtsev], Scientific Research Veterinary Station, Irkutsk Region (NIVS, 31  
Irkutskaya oblast) BTITLE: Experience in combatting foot-and-mouth disease (in Irkutskaya Oblast)

SOURCE: Veterinaryiya, no. 9, 1965, 6-7

TOPIC TAGS: foot and mouth disease, disease control, commercial animal, vaccine

ABSTRACT: The control of foot-and-mouth disease in Irkutskaya Oblast is organized on the basis of an oblast-wide master plan implemented with the aid of veterinary specialists and the militia. Special brigades headed by veterinary physicians operate in every region of the oblast where outbreaks of this disease are recorded. Immediately after a case of foot-and-mouth disease is reported, the farm concerned is quarantined: the stricken animal may be killed, the premises are disinfected, and the other livestock on the farm are immunized with lapinized vaccine. To prevent the spread of the infection, the manure and litter are either biothermally disinfected, burned or buried. In some cases even after a quarantine of three months a renewed outbreak of the disease has occurred. This has been remedied by tightening and repeating the disinfecting measures and extending these measures to special clothings of the attendants, livestock grooming facilities, motor vehicles and tractors, etc. Now each veterinarian and farm director in the

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L 24688-66

ACC NR: AP6015816

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oblast is aware that the eradication of this disease in its primary focus is much easier and less costly than at a later stage. There is currently no foot-and-mouth disease in the oblast, but the danger of the spread of infection from outside into the oblast has not been eliminated, and hence the local veterinarians are on the alert; the population is being warned through radio programs, articles in the local press, and special posters. The local veterinary teams as well as teams of public volunteers are participating in training exercises in the endangered zones (cattle grazing routes). [JPRS]

SUB CODE: 06, 02 / SUBM DATE: none

Card 2/2 FU

NIKITIN, I.N.; SAKHNOV, Yu.I.

For exemplary veterinary hygienic conditions on livestock farms.  
Veterinariia 41 no.4:3-9 Ap '65. (MIRA 18:6)

1. Veterinarnyy otdel Irkutskogo oblastnogo upravleniya sel'skogo  
khozyaystva.

NIKITIN, I.N., veter. vrach

Treatment of sheep infested by botflies. Veterinariia 39  
no.10:47-48 0 '62. (MIRA 16:6)

1. Bokhanskiy rayon, Irkutskoy oblasti.  
(Bokhan District--Botflies)  
(Bokhan District--Parasites--Sheep)

NIKITIN, I.; SLAVUTSKIY, S.; BELEN'KIY, V.; LAVRENT'YEV, V., konstruktor;  
OSIPOV, K., inzh.

Along the road of technical progress. Mast.ugl. no.4:16-17  
'59. (MIRA 12:6)

1. Nachal'nik tekhnicheskogo otdela Malakhovskogo eksperimental'nogo zavoda (for Nikitin). 2. Glavnyy inzh. kontory Proyektgidromekhanizatsiya (for Slavutskiy). 3. Glavnyy konstruktor kontory "Proyektgidromekhanizatsiya" (for Belen'kiy). 4. Stalinogorskiy filial Giproughlemasha (for Lavrent'yev). 5. Proyektnaya kontora tresta Soyuzshakhtosusheniye (for Osipov).  
(Coal mining machinery)

NIKITIN, I.P., inzh.; FROLOV, N.S., inzh.

The APB-1 automatic safety block. Bezop.truda v prom. 5 no.6:24 je  
"61. (MIRA 14:6)

(Safety appliances)

KUPRIK, N.F.; NIKITIN, I.F.

Unit for whitewashing and sprinkling of mine workings. Bezop.  
truda v prom, 5 no.8:32-33 Ag '61. (MIRA 14:8)

1. Nachal'nik pyleventilyatsionnoy sluzhby rudnika im. K.Litknekhta  
(for Kuprik). 2. Krivorozhskiy filial Instituta fornogo dela  
AN USSR. (for Nikitin).

(Mine dusts)

NIKITIN, I.P., inzh.; POPOVICH, S.P., inzh.; TADULEV, V.S.; STETSUN, A.

Controlling dust and gases in haulageway galleries. (MIL)  
v prom. 5 no.11:10-12 N '61.

1. Krivorechenskiy filial Instituta gornogo dela AN USSR (for Nikitin, Popovich). 2. Nachal'nik pyleventilyatsionnykh sluzhby shakhty "TSentral'naya" (for Tadulev). 3. Otdel tekhnicheskoy bezopasnosti tresta Lenruda (for Stetsun).  
(Mining engineering--Safety measures)

KOZUB, F.S.; NIKITIN, I.P., gornyy inzh.

Labor productivity in supporting horizontal mine workings  
should be considerably increased. Gor. zhur. no.10:22-23  
0 '61. (MIRA 15:2)

1. Glavnyy inzh. rudoupravleniya im. K.Libknekhta (for Kozub).
2. Krivorozhskiy filial Instituta gornogo dela AN USSR (for Nikitin).

(Mine timbering)



NIKITIN, I.P.; DREBNITSA, A.V.; KUPRIK, N.F.

Controlling dust in workings on the haulage horizon of the  
New K.Libknekht Mine. Sbor.nauch.trud.Kriv.fil.IGD AN URSR  
no.1:19-22 '62. (MIRA 16:4)  
(Krivoy Rog Basin--Mine dusts--Prevention)

NEDIN, V.V.; YANOV, A.P.; OKONEVSKIY, A.F.; NIKITIN, I.P.; DREBNITSA, A.V.

Production studies of a unit for over-all purification of mine  
air. Sbor.nauch.trud.Kriv.fil.IGD AN URSR no.1:43-46 '62.

(MIRA 16:4)

(Mine ventilation—Equipment and supplies)

KOZUB, F.S.; NIKITIN, I.P., gornyy inzh.

Use of hydraulic GS-type jacks for mine retimbering. Met. 1  
gornorud. prom. no.2:73-75 Mr-Ap '62. (MIRA 15:11)

1. Glavnyy inzh. Rudoupravleniya im. K.Libknekhta (for Kozub).
2. Krivorozhskiy filial Instituta gornogo dela AN UkrSSR (for Nikitin).  
(Mine timbering) (Hydraulic jacks)

FEDORENKO, P.I., inzh.; ~~MIKHILIN~~ MIKHILIN, I.P., inzh.; DEEBNITSA, A.V., inzh.;  
GAGAUZ, F.G., inzh.

Relationship between blasting operations and the productivity  
of scraper haulage in systems with caving. Varyv. delo no.  
51/8:288-293 '63. (MIRA 16:6)

1. Institut gornogo dela AN UkrSSR.  
(Krivoy Rog Basin—Blasting) (Mine haulage)

NIKITIN, I.P., inzh.; DREBNITSA, A.V., inzh.; CHERNETSOV, V.M.;  
KUPRIK, N.F., gornyy tekhnik

Industrial testing of drill bits with an 85 mm diameter for  
rotary drilling in underground conditions. Vzryv. delo no.51/8:  
293-295 '63. (MIRA 16:6)

1. Krivorozhskiy filial Institut gornogo dela AN UkrSSR (for  
Nikitin, Drebnitsa). 2. Rudokupravleniye imeni K. Libknekhta  
(for Chernetso, Kuprik).  
(Boring machinery—Testing)

GAGAUZ, F.G., inzh.; NIKITIN, I.P., inzh.; FEDORENKO, P.I., inzh.;  
CHERNETSOV, V.M.; KUPRIK, N.F., tehnik

Practice of carrying out blasting operations in drifting at  
the K. Libknekht Mine. Vzryv. delo no.51/8:295-299 '63.  
(MIRA 16:6)

1. Kirovohzhskiy filial Instituta gornogo dela AN UkrSSR  
(for Gagauz, Nikitin, Fedorenko). 2. Rudoupravleniye imeni K.  
Libknekhta (for Chernetsov, Kuprik).  
(Krivoy Rog Basin--Blasting)

NIKITIN, I.P.; DREBNITSA, A.V.

Ways of increasing labor productivity at the mine honoring the 50th anniversary of the newspaper "Pravda." Met. i gornorud. prom. no.3: 42-45 My-Je '63. (MIRA 17:1)

1. Krivorozhskiy filial Instituta gornogo dela AN UkrSSR.

NIKITIN, I.P., inzh.; DROBNITSA, V.F., inzh.; DREBNITSA, A.V., inzh.

Ventilation of stopes blocks. Bezop. truda v prom. 7 no.18:24-25  
D '63. (MIRA 18:7)

1. Krivorozhskiy filial Instituta gor.ogo dela AN UkrSSR.



NIKITIN, I.P., inzh.; DROBNITSA, V.F., inzh.; DREBNITSA, A.V., inzh.;  
POLISHCHUK, L.S., tekhnik

Using ejectors for lowering the dust content of the air  
during the mining of upraise shafts. Shakht. stroi. 8 no.2:31  
F '64. (MIRA 17:3)

NIKITIN, I.P., inzh.; DREB'ITSA, V.F.; inzh.; DREB'ITSA, A.V., inzh.

Using ventilation pipes made of synthetic materials in the  
mining industry. Shakht. stroit. 8 no.4:29-30 Ap'64  
(MIRA 17:7)

1. Krivorozhkiy filial Instituta gornogo dela imeni M.M.  
Fedorova.

NIKITIN, I.P., inzh.; GAGAUZ, F.G., inzh.; DROBNITSA, V.F., inzh.;  
DROBNITSA, A.V., inzh.; CHERNETSOV, V.M.

Liberation of gas during the making of upraises. Bezop.  
truda v prom. 8 no.9:20 S '64 (MIRA 1P:1)

1. Krivorozhskiy filial Instituta gornogo dela imeni M.M. Fedorova  
(for all except Chernetsov). 2. Rudnik im. K. Litknehta (for  
Chernetsov).

DREBNITSA, A.V.; DREBNITSA, V.P.; NIKOLIN, I.S.

Автомобильная станция, проект. инст. № 10, Рязань, 1958, 100 л. 20 л.

EREBNITSA, A.V., inzh.; GAGAUZ, F.G., inzh.; DROBNITSA, V.F., inzh.;  
NIKITIN, I.P., inzh.

Reducing dust formation during blasting operations in  
Bulgarian mines. Shakht. stroi. 9 no.9:28-29 S '65.

(MIRA 18 9)

SOTNIKOV, A. I.; YESIN, O.A.; NIKITIN, I. P.

"On Slow Discharge in Molten Oxides."

Report presented at the 14th meeting CITCE, Intl. Comm. of  
Electrochemical Thermodynamics and Kinetics, Moscow, 19-25  
Aug 63.

Polytechnical Institute, Sverdlovsk, U.S.S.R.

NIKITIN, I.P., inzh.

Automatic machines for simultaneous machining of the two sides  
of parts. Mashinostroenie no.5:27-29 S-0 '63. (MIRA 16:12)

1. Khar'kovskiy velosipednyy zavod.

NIKITIN, I.P., inzh.

Automatic line for chamfering and groove milling. Mashinostroenie  
no.6:11 N-D '63.

Automatic machine for manufacturing stamped parts. Ibi.:26-21  
(MIRA 16:12)



NIKITIN, I.S.

Raising eggplants without transplanting. Kons. i ov. prom.

~~14 no. 4:28-29~~ Ap '59.

(MIRA 12:5)

1. Argunskiy sovkhos Checheno-Ingushskoy ASSR.

(Chechen-Ingush A.S.S.R.--Eggplant)

NIKITIN, I.S.

Radar method for studying ocean currents. Meteor. i gidrol. no.4:  
47-50 Ap '57. (MLRA 10:5)  
(Ocean currents) (Radar)

NIKITIN, I.S., inzh.

Water balance observations in southern Meshchera. Trudy  
VNIIGIM 35:3-14 '60. (MIRA 14:9)  
(Meshchera--Hydrology)

NIKITIN, I.

Small-sized radiation meter. Radio no.1:28-29 Ja '62.  
(MIRA 15:1)

(Radiation--Measurement)

NIKITIN, I.S.

Methodology involved in studying currents in reservoirs by  
means of radar. Meteor. i gidrol. no.5:50-53 My '63.  
(MIRA 16:5)

1. Gosudarstvennyy gidrologicheskiy institut.  
(Hydrology) (Radar) (Reservoirs)

NIXON, R. M.

MEMORANDUM FOR THE DIRECTOR, CENTRAL INTELLIGENCE AGENCY  
SUBJECT: [Illegible]

NIKITIN, I.V.; YEREMIN, Ya.N.

Formation of ozone from the dissociation products of carbon dioxide in a glow discharge. Zhur. fiz. khim. '62 no. 3:107-119 (MIRA 1962)  
Nr '62.

1. Moskovskiy gosudarstvennyy universitet imeni Lomonosova.

RUBINOV, Emmanuil Babadjanovich . doktor tekhn. nauk; OSIPOVA,  
Lyudmila Khaimovna, NIKITIN, Ivan Vasil'yevich;  
GORYACHEV, M.I., retsenzent; GORODOVA, V.Ye., red.

[Automatic motion reeling] Avtomaticheskoe kokinomotanie.  
Moskva, Legkaya industriya, 1967. 194 p.

(S1 A 1013)



35474

S/076/62/036/003/009/011  
B101/B108

11,1120

AUTHORS: Nikitin, I. V., and Yerebin, Ye. N.

TITLE: Formation of ozone from dissociation products of carbon dioxide in a glow discharge

PERIODICAL: Zhurnal fizicheskoy khimii, v. 36, no. 3, 1962, 616 - 619

TEXT: Dissociation was studied of CO<sub>2</sub> passing a glass discharge tube (100 cm long, diameter 20 mm) at a pressure of 0.8 - 1.15 mm Hg, and at 50 - 400 ma. The gas passing through the tube was collected in a Dewar vessel, CO<sub>2</sub> was frozen out, and O<sub>3</sub> determined iodometrically. Results: (1) Since no carbon was separated out, only the dissociation  $CO_2 \rightleftharpoons CO + O$  took place; (2) O<sub>3</sub> yield was no linear function of the specific energy u/v (Fig. 2); (3) a hyperbolic dependence of the ozone yield, a, on the gas flow rate, v, was observed at constant amperage (at 400 - 250 ma, but not below this): a/v = const; a steady state of CO<sub>2</sub> dissociation was then attained; (4) ozone was mainly formed in the cooled receiver:

Card (1/2)

LEONOVA, V.A.; NIKITIN, I.V.

The mineralogy of the monazites in the pegmatite veins in Chupa.  
Analele geol geogr 17 no.1:45-56 Ja-Mr '63.

ASOYAN, G.A.; NIKITIN, I.V.

Comparative evaluation of physical factors in the effect of stress on the walls of functioning arterial vessels at the sites of their juncture according to intraluminal and extramural principles. Vest. AN SSSR no. 4:61-70, 1966.

(MED 18170)

1. Tsentral'naya nauchno-issledovatel'skaya laboratoriya i kafedra fiziologii II Moskovskogo meditsinskogo instituta imeni N.I. Pirogova i Institut mekhaniki AN SSSR, Moskva.

SEDOV, L.I.; NIKITIN, K.A.

International Conference on Rocket Engines. Vest.AN SSSR 26 no.6:  
104-106 Jo '56. (MIRA 9:9)  
(Rockets (Aeronautics))

NIKITIN, K.A.

Scientific conference in Pakistan. Vest. AN SSSR 28 no. 7:100-101  
J1 '58. (MIRA 11:7)

(Lahore, Pakistan--Science)

NIKITIN, K.A., inzh.; SAMOILOV, P.V., inzh.

Triple SSh-5 drum cutter. T rf. prom. 40 no.4:33-34 '63.  
(MIRA 16:10)

1. Torfopredpriyatiye "Zaplyuskoye" Leningradskogo soveta  
narodnogo khozyaystva.  
(Peat machinery)

NIKITIN, K.A.; BERGMAN, G.A.; NIKOLAYEVA, V.A.

Seminar on the Production and Physical Properties of Refractory  
Carbides, held at Kiev on January 13-15, 1964. Teplofiz. vys. temp.  
2 no.1:130-131 Ja<sup>n</sup> '64. (MIRA 17:3)

EXCERPTA MEDICA Sec 8 Vol 12/7 Neurology July 59

3217. COMBINED TREATMENT OF THE SEQUELAE OF POLIOMYELITIS AT THE SOCHI-MATSESTA SPA (Russian text) - Nikitin K. F., Gvantseladze V. S., Petropavlovskaya A. G. and Barbaumova I. I. From the book: VOPROSY BALNEOTERAPII INFEKTSIONNYKH I TRAVMATICHESKIKH ZABOLEVANIY NERVNOY SISTEMY (Moskva) 1956 (58-63)

A report is presented of observations on 226 children with palsies and wasting of the limbs, trunk and abdominal muscles. In autumn and winter the children were treated with Matsesta baths, exercises, massages and walks, and in the spring and summer they also had sea bathing and sun and air baths. In 82% of children with paralysis of the lower extremities the gait improved and showed better stability; 71 children showed a considerable improvement, 143 some improvement, and only 12 (with severe diffuse paralysis of the limbs and trunk muscles) did not benefit from the treatment. The excitability of the affected muscles, which had been previously considerably reduced, increased after the treatment and a shortening of the chronaxy of the corresponding muscles was noted at the same time. In almost all children the Aldrich test became normal at the end of the treatment. In most children the tonus of the muscles improved. Prolonged follow-up showed that the therapeutic effect was lasting, especially in children with a history of the disease not longer than 2 yr. In cases of longer duration the results were not so good. Balneotherapy at the Sochi-Matsesta spa is highly recommended for children with late sequelae of poliomyelitis during the first 2 yr. after the infection.

(S)



KOPEVA, Ye.G.; UL'YANOVA, L.A.; KOPLUN, S.Ya.; NIKITIN, K.F.

Cortical regulation of physiological processes in cases of neuroses undergoing combined therapy at the Sochi-Matsesta resort. Vop.kur. fizioter. i lech.fiz.kul't. 23 no.1:19-22 '58. (MIRA 11:3)

1. Iz fiziologicheskoy laboratorii (zav. - doktor biologicheskikh nauk S.Ya.Kaplun) i nevrologicheskoy kliniki (zav. - prof. K.F.Nikitin) Bal'neologicheskogo instituta imeni I.V.Stalina v Sochi (dir. - N.P.Vladimirov)

(NEUROSES)

(MINERAL WATERS, SULFUROUS--PHYSIOLOGICAL EFFECT)

(CONDITIONED RESPONSE)

NIKITIN, K.F.

Highly concentrated Matsesta water and its significance in the  
solution of some problems of hydrogen sulfide balneotherapy.  
Vop.kur., fizioter.i lech.fiz.kul't. 28 no.1:34-38 '63.

(MIRA 16:4)

1. Iz Sochinskogo instituta kurortologii (dir. - prof. M.M.  
Shikhov).

(MATSESTA--BATHS, MEDICATED)

NIKITIN, Konstantin Filippovich; NEYMAK, Yefrem Zinov'yevich;  
MANIKOV, M.Ye., red.

[Problems in the hydrogen sulfide therapy of nervous  
diseases] Voprosy serovodorodnoi terapii nervnykh za-  
bolevanii. Moskva, Meditsina, 1964. 210 p.

(MIRA 17:5)

1952, p. 1.

Agriculture

Care of th orchard. Moskva, Sel'khozgiz, 1951.

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

SOV/65-59-7-2/12

**AUTHORS:** Makhalov, P.N., Nikitin, K.G., and Knotuntsev, L.L.

**TITLE:** Influence of Bitumen Content on the Hot Strength of Brown-Coal Briquettes (Vliyaniye sodержaniya bitumov na termoustoychivost' burougol'nykh briketov)

**PERIODICAL:** Khimiya i tekhnologiya topliv i masel, 1959, Nr 7, pp 3-7 (USSR)

**ABSTRACT:** In their work the authors used Khristoforov coal dried to 14% residual moisture and ground to 0-1 mm. By extraction with dichloroethane in a large laboratory-scale apparatus (Ref 5) batches with nominal bitumen contents of 11, 6.8, 3.25 and 0% were prepared. From each batch ten 120-g briquettes were made, three of which were used for mechanical and seven for heat-resistance tests. For briquetting the authors used a 60-tonne press giving a briquetting pressure of 1500 kg/cm<sup>2</sup>. For hot-strength tests a procedure described by Werner in 1935 (Ref 8) was used. In this a briquette (Fig 1) is burnt under load under carefully controlled conditions, (with observation) (Fig 2). The heat-resisting index being the time from the start of combustion to briquette failure. The hot strength

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SOV/65-59-7-2/12

Influence of Bitumen Content on the Hot Strength of Brown-Coal  
Briquettes

was found to rise with decreasing bitumen contents  
(Table). The compression strength briquettes were  
230-275 kg/cm<sup>2</sup>, this property having no effect on hot  
strength.

There are 2 figures, 1 table and 8 references, 4 of  
which are Soviet and 4 German.

ASSOCIATION: ICI AN SSSR (AS USSR)

Card 2/2

NIKITIN, K. I.

*Med* An immunological analysis of the ~~effect~~ increased resistance of the organism to ionizing irradiation. P. N. Kiselev, P. A. Bubina, and K. I. Nikitin. *Med. Radiologiya* 1, No. 1, 53-9 (1959). Attempts were made to immunologically analyze the phenomenon of the organism's resistance to ionizing rays after it had been subjected to irradiation with small (sublethal) doses of Rontgen rays. Mice subjected to preliminary small dose irradiations were bled to death 14 days after irradiation and the blood serum studied for the possible presence of a particular type of antibodies generated by the assumed denatured protein antigens. The degree in % of the animals' survival following irradiation was related to the height of such a complement-fixing antibody. N. H. Levine

3

Translation from: Referativnyy zhurnal, Geologiya, 1957, Nr 1,  
p 92 (USSR) 15-57-1-576

AUTHOR: Nikitin, K. K.

TITLE: The Weathering Crust on Diorites in the Southern Urals  
(Kora vyvetrivaniya na dioritakh Yuzhnogo Urala)

PERIODICAL: V sb: Kora vyvetrivaniya, Nr 2, Moscow, AN SSSR,  
1956, pp 323-331.

ABSTRACT: A weathering crust was found on small diorite masses  
and on numerous diorite dikes. The diorite masses are  
of insignificant size. The weathering crust on the  
diorites is covered by Upper Tertiary and Quaternary  
deposits up to 10 m to 15 m and more thick. The  
unaltered diorite contains plagioclase, hornblende,  
epidote, zoisite, sericite, hydromica, chlorite, iron  
hydroxides, quartz, and apatite. The author dis-  
tinguishes several zones in the weathering crust. The  
lowermost is the zone of incipient leaching. Here

Card 1/2



The Weathering Crust on Diorites in the Southern Urals (Cont.) 15-57-1-576

weathering has developed only along fractures, which have permitted water to enter. Above this zone occurs a zone of leaching, in which water comes from above, partly mineralized, but slightly active. Here the feldspars and micas are converted into hydromicas, but the dark components go to vermiculite, jefferisite, and hydrochlorite. In the zone of decomposition, leaching has generally ceased and new minerals are present. This zone contains kaolinite and hydromicas. It is the most characteristic of all the weathering zones on the diorites. The uppermost zone contains the final products. In it, decomposition has attained its maximum development. Even the hydromicas that have previously formed are broken down into the final products of Fe and Mn hydroxides, silica, and alumina. Each zone contains residual minerals that are characteristic of the zone below.

Card 2/2

G. A. G.

NIKITIN, K.K.

Manganese minerals in the weathered surface of the Buryktal'-  
skiy ultrabasite massif. Kora vyvetr. no. 3:39-55 '60.  
(MIRA 13:12)

1. Institut geologii rudnykh mestorozhdeniy, petrografii,  
mineralogii i geokhimi AN SSSR.  
(Orenburg Province--Manganese ores)

NIKITIN, K.K.

Mica grinding in laboratories. Kora vyvetr. no. 3:369-  
370 '60. (MIRA 13:12)

1. Institut geologii rudnykh mestorozhdeniy, petrografii, mineralo-  
gii i geokhimi AN SSSR.  
(Mica)

NIKITIN, K.K.:

Rotary rack for separatory funnels. Kora vyvetr. no. 3:371-372  
'60. (MIRA 13:12)

1. Institut geologii rudnykh mestorozhdeniy, petrografii,  
mineralogii i geokhimi AN SSSR.  
(Minerals) (Chemical apparatus)