"APPROVED FOR RELEASE: 09/01/2001 CIA-RDP86-00513R001859420019-2

VERESHCHAGIN, A. G. (USSR).

Chromatographic Investigation of Fatty Acid Triglycerides Composition in the Seeds of Olive Plants.

report presented at the 5th Int'l.
Biochemistry Congress, Moscow, 10-16 Aug. 1961.

APPROVED FOR RELEASE: 09/01/2001 CIA-RDP86-00513R001859420019-2"

"APPROVED FOR RELEASE: 09/01/2001 CIA-RDP86-00513R001859420019-2

VERESHCHAGIN, A. I.

Dissertation: "Exploitative Characteristics of Wooden Floating Bridges."

26/10/50

Moscow Motor Roads Inst imeni V. M. Molotov

SO Vecheryaya Moskva
Sum 71

APPROVED FOR RELEASE: 09/01/2001 CIA-RDP86-00513R001859420019-2"

"APPROVED FOR RELEASE: 09/01/2001 CIA-RDP86-00513R001859420019-2

VERESHCHAGIN, A.N.; VUL'FSON, S.G.

Calculation of the induced effect of two dipoles. Teoret. i eksper. khim. 1 no.3:305-310 My-Je '65. (MIRA 18:9)

1. Kazanskiy gosudarstvennyy universitet imeni V.I. Ul'yanova-Lenina.

APPROVED FOR RELEASE: 09/01/2001 CIA-RDP86-00513R001859420019-2"

"APPROVED FOR RELEASE: 09/01/2001 CIA-RDP86-00513R001859420019-2

ARBUZOV, B.A.; VERESHCHAGIN, A.N.; KARLIN, V.V.; AGANOV, A.V.

Bromoethylenes in diene synthesis. Izv. AN SSSR. Ser. khim. no.8:1376-1381 '65. (MIRA 18:9)

1. Kazanskiy gosudarstvennyy universitet im. V.I. Ul'yanova-Lenina.

APPROVED FOR RELEASE: 09/01/2001 CIA-RDP86-00513R001859420019-2"

"APPROVED FOR RELEASE: 09/01/2001 CIA-RDP86-00513R001859420019-2

ARBUZOV, B.A.; VERESHCHAGIN, A.N.; REMIZOV, A.B.

Diene synthesis and structure of adducts of trans-1,2-dichloroethylene with acyclic dienes. Izv. AN SSSR. Ser. khim. no.9: 1575-1584 '65. (MIRA 18:9)

1. Kazanskiy gosudarstvennyy universitet im. V.I. Ul'yanova-Lenina.

APPROVED FOR RELEASE: 09/01/2001 CIA-RDP86-00513R001859420019-2"

"APPROVED FOR RELEASE: 09/01/2001 CIA-RDP86-00513R001859420019-2

ARBUZOV, B.A.; VERESHCHAGIN, A.N.

Dipole moments and the structure of adducts of hexachlorocyclopentadiene with halo-substituted ethylenes. Izv. AN SSSR. Ser. Khim. no.4:598-604 '65. (MIRA 18:5)

1. Kazanskiy gosudarstvennyy universitet im. V.I.Ul'yanova-Lenina.

APPROVED FOR RELEASE: 09/01/2001 CIA-RDP86-00513R001859420019-2"

"APPROVED FOR RELEASE: 09/01/2001 CIA-RDP86-00513R001859420019-2

ARBUZOV, B.A.; VERESHCHAGIN, A.N.

Steric relations in diene synthesis reaction of cyclopentadiene with monosubstituted ethylenes. Izv. AN SSSR. Ser. khim. no.3:486-491 '65. (MIRA 18:5)

1. Kazanskiy gosudarstvennyy universitet im. V.I.Ul'yanova-Lenina.

APPROVED FOR RELEASE: 09/01/2001 CIA-RDP86-00513R001859420019-2"

"APPROVED FOR RELEASE: 09/01/2001 CIA-RDP86-00513R001859420019-2

ARBUZOV, B.A.; VEREZHCHAGIN, A.N.; [illegible], [illegible].

Dipole moments and the structure of methacrylonitrile addicts with some [illegible] dienes. [illegible] AN [illegible] Ser. Khim. no.1:155-158 '65. (MIRA 18:2)

1. Kazanskiy gosudarstvennyy universitet im. V.I. Ul'yanova-Lenina.

APPROVED FOR RELEASE: 09/01/2001 CIA-RDP86-00513R001859420019-2"

"APPROVED FOR RELEASE: 09/01/2001 CIA-RDP86-00513R001859420019-2

VERESHCHAGIN, A.N.; ARBUZOV, B.A.

Dipole moments and structure of adducts of acrylonitrile with cyclic dienes. Izv. AN SSSR Ser. khim. no.1:35-42 '65. (MIRA 18:2)

1. Kazanskiy gosudarstvennyy universitet im. V.I. Ul'yanova-Lenina.

APPROVED FOR RELEASE: 09/01/2001 CIA-RDP86-00513R001859420019-2"

"APPROVED FOR RELEASE: 09/01/2001 CIA-RDP86-00513R001859420019-2

ARBUZOV, B.A.; VERESHCHAGIN, A.N.

Interaction of chlorine-substituted ethylenes with cyclic dienes and the structure of the formed adducts. Izv. AN SSSR. Ser. khim. no.6:1004-1013 Je '64. (MIRA 17:11)

1. Kazanskiy gosudarstvennyy universitet im. V.I. Ul'yanova-Lenina.

APPROVED FOR RELEASE: 09/01/2001 CIA-RDP86-00513R001859420019-2"

"APPROVED FOR RELEASE: 09/01/2001 CIA-RDP86-00513R001859420019-2

APPROVED FOR RELEASE: 09/01/2001 CIA-RDP86-00513R001859420019-2"

"APPROVED FOR RELEASE: 09/01/2001 CIA-RDP86-00513R001859420019-2

terence on Nuclear Spectroscopy] Kiev, 1963, p. 171, of describing

APPROVED FOR RELEASE: 09/01/2001 CIA-RDP86-00513R001859420019-2"

"APPROVED FOR RELEASE: 09/01/2001 CIA-RDP86-00513R001859420019-2

APPROVED FOR RELEASE: 09/01/2001 CIA-RDP86-00513R001859420019-2"

"APPROVED FOR RELEASE: 09/01/2001 CIA-RDP86-00513R001859420019-2

VERESHCHAGIN, A.N.; LOBKOV, A.M.; SHTANGEYEV, A.L.

Combined processing of crude oil and casing-head gases. Gaz.prom. 7 no.1:20-23 '62. (MIRA 15:1)
(Petroleum--Refining) (Gas, Natural)

APPROVED FOR RELEASE: 09/01/2001 CIA-RDP86-00513R001859420019-2"

"APPROVED FOR RELEASE: 09/01/2001 CIA-RDP86-00513R001859420019-2

V., A.N. I-13

- Chemical Products and Their
ion. Treatment of natural gases and petroleum.
fuels. Lubricants.

Abs Jour : Referat Zhur - Khimiya, No 4, 1957, 12930

Author : Ovchinnikov B.N., Vereshchagin A.N.

Title : Remodeling of a Combined Two-Furnace Unit for Increased Recovery of Diesel Fuel.

Orig Pub : Sb. Vopr. neftyanogo proiz-va. Molotov, Knigoizdat, 1955, 29-53

Abstract : Description of operation scheme of a combined two-furnace unit following remodeling which was done in order to increase recovery of diesel fuel (DF) by inclusion in its composition of all the kerosene and gasoline tails fractions. Remodeling of the unit has made it possible to increase the yield lights from 57 to 66% and recovery of DF from 14 to 33%. At the same time yield of gasoline is decreased from 41 to 33%. Presented are the results

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Card 1/2

- of the process of light cracking of
, with increased recovery of DF, from Krasnokamskaya and Tuymazinskaya petroleum. Proposed is a fundamental technological scheme of a [illegible] combined unit, which is free from the defects of the remodeled unit and makes it possible to produce 33% of automotive gasoline of increased octane rating, and 35% of DF.

APPROVED FOR RELEASE: 09/01/2001 CIA-RDP86-00513R001859420019-2"

Card 2/2

"APPROVED FOR RELEASE: 09/01/2001 CIA-RDP86-00513R001859420019-2

VERESHCHAGIN, A.N.

USSR/Chemical Technology - Chemical Products and Their Application. Treatment of Natural Gases and Petroleum. Motor Fuels. Lubricants, I-13

Abst Journal: Referat Zhur - Khimiya, No 19, 1956, 62582

Author: Ovchinnikov, B. N., Vereshchagin, A. N.

Institution: None

Title: To Increase the Recovery of Light Petroleum Products at the Operating Plants

Original Periodical: Neft. kh-vo, 1954, No 10, 53-57

Abstract: By overhauling of a composite unit comprising a combination of direct distillation and cracking, by means of a decrease in the cracking portion and increase in the portion of direct distillation it was possible to increase recovery of light products from 57 to 64% including that of diesel fuel from 14 to 25%. Output of the unit is thus increased by 15.5%. The cracking process is partially transferred from furnaces to evaporator. The latter is utilized as a

Card 1/2

APPROVED FOR RELEASE: 09/01/2001 CIA-RDP86-00513R001859420019-2"

"APPROVED FOR RELEASE: 09/01/2001 CIA-RDP86-00513R001859420019-2

USSR/Chemical Technology - Chemical Products and Their Application. Treatment of Natural Gases and Petroleum. Motor Fuels. Lubricants, I-13

Abst Journal: Referat Zhur - Khimiya, No 19, 1956, 62582

Abstract: reaction chamber for slight cracking of heavy fractions of mazut with formation of raw material for extensive cracking. With this method of operation the main amount of coke, 87.2%, is deposited in the evaporator and only 4.8% in the limited cracking furnace, which makes it possible to increase by 40% the run of the unit. Quality on the obtained diesel fuel meets all the specifications of grade L (GOST-305-42).

Card 2/2

APPROVED FOR RELEASE: 09/01/2001 CIA-RDP86-00513R001859420019-2"

"APPROVED FOR RELEASE: 09/01/2001 CIA-RDP86-00513R001859420019-2

GRITSEV, N.D.; VEREBSHCHAGIN, A.M.

Industrial practices in petroleum preparation and gas processing in the East. Gaz.prom.no.10:30-34 O '56. (MIRA 9:10)
(Soviet Far East--Petroleum industry)

APPROVED FOR RELEASE: 09/01/2001 CIA-RDP86-00513R001859420019-2"

"APPROVED FOR RELEASE: 09/01/2001 CIA-RDP86-00513R001859420019-2

VERESHCHAGIN, A. N.

CHINA/Chemical Technology. Chemical Products and Their Application--Treatment of natural gases and petroleum. Motor fuels. Lubricants. I-14

Abs Jour: Ref Zhur-Khimiya, No 3, 1957, 9283

Author : Ovchinikov, B. N. and Vereshchagin, A. N.
Inst : Not given
Title : Increasing the Take-Off of Light Petroleum Products in Existing Plants

Orig Pub: Huasue shitsze, 1955, No 7, 325-327 (in Chinese)

Abstract: Translation. See RZhKhim, 1956, 62582

Card 1/1

APPROVED FOR RELEASE: 09/01/2001 CIA-RDP86-00513R001859420019-2"

"APPROVED FOR RELEASE: 09/01/2001 CIA-RDP86-00513R001859420019-2

OVCHINNIKOV, B.N.; VERESHCHAGIN, A.N.; ZHURAVLEVA, N.T.

[Combatting corrosion in refining sulfurous petroleum] Bor'ba s korroziei pri pererabotke sernistoi nefti. Moskva, Gos.nauchno-tekhn. izd-vo neftianoi i gorno-toplivnoi lit-ry, 1954. 75 p. (MLRA 7:3)

(Corrosion and anticorrosives) (Petroleum--Refining)

APPROVED FOR RELEASE: 09/01/2001 CIA-RDP86-00513R001859420019-2"

"APPROVED FOR RELEASE: 09/01/2001 CIA-RDP86-00513R001859420019-2

VERESHCHAGEN, A.N.

AID P - 1100

Subject : USSR/Engineering

Card 1/1 Pub. 78 - 11/21

Authors : Ovchinnikov, B. N. and Vereshchagen, A. N.

Title : Increase of light fractions of petroleum distillates in active refineries

Periodical : Neft. khoz., v. 32, #10, 54-57, O 1954

Abstract : [The editors call the attention of the reader to the subject of the article and ask for comments]
The authors describe some improvements introduced in the thermal cracking installation in one refinery. A comparatively inexpensive alteration increased the output of light fractions of petroleum distillates (Diesel fuel) from 57 to 64% and the increase in total efficiency was 15.5%. Two diagrams and 1 table.

Institution : None

Submitted : No date

Translation — D191052, 3 Mar 55

APPROVED FOR RELEASE: 09/01/2001 CIA-RDP86-00513R001859420019-2"

"APPROVED FOR RELEASE: 09/01/2001 CIA-RDP86-00513R001859420019-2

APPROVED FOR RELEASE: 09/01/2001 CIA-RDP86-00513R001859420019-2"

"APPROVED FOR RELEASE: 09/01/2001 CIA-RDP86-00513R001859420019-2

APPROVED FOR RELEASE: 09/01/2001 CIA-RDP86-00513R001859420019-2"

"APPROVED FOR RELEASE: 09/01/2001 CIA-RDP86-00513R001859420019-2

EXCERPTA MEDICA Sec 15 Vol 11/11 Chest Dis. Nov 58

2565. TUBERCULOSIS OF THE URINARY SYSTEM ORGANS IN CHILDREN WITH BONE AND JOINT TUBERCULOSIS (Russian text) - Veresh Chaghin A. P. - VESTN. KHIR. 1957, 78/2 (103-109)

In the first series of the present studies 25 children were tested for the occurrence of tb bacilli in the blood. The blood of the children was injected into guinea-pigs, which were sacrificed and examined after 4-6 weeks. Tuberculous lesions were found in 23 guinea-pigs. In the 2nd series the frequency of the occurrence of tb bacilli in the urine of the children with osteo-articular tb and some tuberculous lesions in the urinary organs were studied; 90 children were examined and tb bacilli were found in 42 with active and in 33 with inactive osteo-articular tb. The symptoms of urinary tb in children were various. Lumbar pain was more frequent in the cases complicated by urolithiasis. Dysuria, pyuria and albuminuria in the range of 0.033-0.05% occurred very often. Tb bacilli were found in 67 of 75 cases. Haematuria was present in 75 patients. The diagnosis was based on chromocystoscopy, urography and pyelography. The data mentioned allow the conclusion that (1) genito-urinary tb develops in about 8% of the cases of osteo-articular tb, (2) the infection is most frequently diffused by the blood, (3) the symptomatology of the disease is typical, (4) treatment with antibiotics and chemotherapy is indicated only in early stages. In cavernous tb of kidneys both operative and pharmacological treatments are necessary.

Lefko - Łódź (IX, 15)

APPROVED FOR RELEASE: 09/01/2001 CIA-RDP86-00513R001859420019-2"

"APPROVED FOR RELEASE: 09/01/2001 CIA-RDP86-00513R001859420019-2

VERESHCHAGIN, A.P., kand.med.nauk

Radical-reconstructive operations in tuberculosis of the joints. Ortop.travm.i protez. no.6:30-34 '61. (MIRA 14:8)

1. Iz Yevpatoriyskogo detskogo klinicheskogo kostnotuberkuleznogo sanatoriya (nach. - kand.med.nauk L.I. Pomeranskiy) Ministerstva oborony SSSR.

(BONES--TUBERCULOSIS)

APPROVED FOR RELEASE: 09/01/2001 CIA-RDP86-00513R001859420019-2"

"APPROVED FOR RELEASE: 09/01/2001 CIA-RDP86-00513R001859420019-2

VERESHCHAGIN, A.P.

Intra-articular necrectomy and arthrolysis in tuberculosis of the knee joint. Vest. khir. 84 no. 2:76-83 F '60. (MIRA 14:1)
(KNEE JOINT—TUBERCULOSIS)

APPROVED FOR RELEASE: 09/01/2001 CIA-RDP86-00513R001859420019-2"

"APPROVED FOR RELEASE: 09/01/2001 CIA-RDP86-00513R001859420019-2

VERESHCHAGIN, A.P., k.m.n.

Radical-restorative surgery in secondary tuberculous arthritis. Khirurgiia 15 no.2/3:277-280 '62.

1. Iz Nauchno-issledovatelski institut po khirurgichna tuberkuloza - Leningrad.
(TUBERCULOSIS OSTEOARTICULAR surg)

APPROVED FOR RELEASE: 09/01/2001 CIA-RDP86-00513R001859420019-2"

"APPROVED FOR RELEASE: 09/01/2001 CIA-RDP86-00513R001859420019-2

VERESHCHAGIN, A.P.; DIONESOV, S.M.

Effect of nociceptive (pain) stimulations on the spasmodic effect of camphor. Biul. eksp. biol. i med. 49 no.3:70-72 Mr '60. (MIRA 14:5)

1. Iz kafedry normal'noy fiziologii (zav. - prof. S.M.Dionesov) Izhevskogo meditsinskogo instituta. Predstavlena deystvitel'nym chlenom AMN SSSR V.V.Zakusovym.

(CAMPHOR) (PAIN) (CONVULSIONS)

APPROVED FOR RELEASE: 09/01/2001 CIA-RDP86-00513R001859420019-2"

"APPROVED FOR RELEASE: 09/01/2001 CIA-RDP86-00513R001859420019-2

VERESHCHAGIN, A.P.

Attachment for rounding teeth of spur gears. Stan. i instr. 29 no.4:37 Ap '58. (MIRA 11:5)
(Gear-cutting machines--Attachments)

APPROVED FOR RELEASE: 09/01/2001 CIA-RDP86-00513R001859420019-2"

"APPROVED FOR RELEASE: 09/01/2001 CIA-RDP86-00513R001859420019-2

VERESHCHAGIN, A.P.

Parabiotic stages in the reflex arch of the cerebrospinal reflex under the influence of a painful stimulus and adrenaline. Trudy Vses. ob-va fiziol., biokhim. i farm. 4:26-28 '58. (MIRA 14:2)

1. Kafedra fiziologii Izhevskogo meditsinskogo instituta (zav. kafedroy prof. Yu.P. Fedotov [deceased]).
(REFLEXES) (PAIN) (ADRENALINE)

APPROVED FOR RELEASE: 09/01/2001 CIA-RDP86-00513R001859420019-2"

"APPROVED FOR RELEASE: 09/01/2001 CIA-RDP86-00513R001859420019-2

VERESHCHAGIN, A.P., kand. med. nauk; ZVANTSEVA, V.A., kand. med. nauk

Radical restorative surgery in osteoarticular tuberculosis and its sequelae; a review of contemporary foreign literature. Ortop., travm. i protez. 25 no.9:75-80 S '64. (MIRA 18:4)

1. Imya avtorov: Leningrad K-21, Institutskaya ulitsa, dom 6, Institut khirurgicheskogo tuberkuleza.

APPROVED FOR RELEASE: 09/01/2001 CIA-RDP86-00513R001859420019-2"

"APPROVED FOR RELEASE: 09/01/2001 CIA-RDP86-00513R001859420019-2

VERESHCHAGIN, A.P., kand.med.nauk (Yevpatoriya, ul. Pushkina, d.1, kv.18)

Surgical treatment of tuberculosis of the spine and its complications. Vest.khir. 82 no.3:113-117 Mr '59. (MIRA 12:4)

1. Iz Yevpatoriyskogo detskogo klinicheskogo kostnotuberkuleznogo sanatoriya (nach. - L.I. Pomeranskiy).
(TUBERCULOSIS, SPINAL, surg.
of tuberc. & its compl. (Rus))

APPROVED FOR RELEASE: 09/01/2001 CIA-RDP86-00513R001859420019-2"

"APPROVED FOR RELEASE: 09/01/2001 CIA-RDP86-00513R001859420019-2

VERESHCHAGIN, A. P.

EXCERPTA MEDICA Sec.9 Vol.12/4 Surgery April 1958

2334. TUBERCULOSIS OF THE URINARY SYSTEM ORGANS IN CHILDREN WITH BONE AND JOINT TUBERCULOSIS (Russian text) - Vereshchagin A.P. - VESTN.KHIR. 1957, 78/2 (103-109)

In the first series of the present studies 25 children were tested for the occurrence of tb bacilli in the blood. The blood of the children was injected into guinea-pigs which were sacrificed and examined after 4-6 weeks. Tuberculous lesions were found in 23 guinea-pigs. In the 2nd series the frequency of the occurrence of tb bacilli in the urine of the children with osteo-articular tb and some tuberculous lesions in the urinary organs were studied; 90 children were examined and tb bacilli were found in 42 with active and in 33 with inactive osteo-articular tb. The symptoms of urinary tb in children were various. Lumbar pain was more frequent in the cases complicated by urolithiasis. Dysuria, pyuria and albuminuria in the range of 0.033-0.05% occurred very often. Tb bacilli were found in 67 of 75 cases. Haematuria was present in 75 patients. The diagnosis was based on chromocystoscopy, urography and pyelography. The data mentioned allow the conclusion that (1) genito-urinary tb develops in about 8% of the cases of osteo-articular tb, (2) the infection is most frequently diffused by the blood, (3) the symptomatology of the disease is typical, (4) treatment with antibiotics and chemotherapy is indicated only in early stages. In cavernous tb of kidneys both operative and pharmacological treatment are necessary.

Leńko - Łódź (IX, 15*)

APPROVED FOR RELEASE: 09/01/2001 CIA-RDP86-00513R001859420019-2"

"APPROVED FOR RELEASE: 09/01/2001 CIA-RDP86-00513R001859420019-2

VERESHCHAGIN, A.P. (Yevpatoriya, ul. Pushkina, d.1, kv.18)

Surgical treatment of abscesses in tuberculous spondylitis [with summary in English]. Vest.khir. 80 no.6:43-45 Je '58 (MIRA 11:7)

1. Iz Yevpatoriyskogo tsentral'nogo detskogo voyennogo khlinicheskogo kostnotuberkuleznogo sanatoriya (nacy. - kand.med.naul L.I. Pomeranskiy) Ministerstva oborony SSSR.

(TUBERCULOSIS, SPINAL, compl.
intrathoracic abscesses, surg. (Rus))
(THORAX, abscess
intrathoracic in spinal tuberc., surg. (Rus))

APPROVED FOR RELEASE: 09/01/2001 CIA-RDP86-00513R001859420019-2"

"APPROVED FOR RELEASE: 09/01/2001 CIA-RDP86-00513R001859420019-2

LYUTENKO, F.D.; VERESHCHAGIN, A.P.

Using the BF-2 glue in repairing metal-cutting equipment. Stan.i instr. 28 no.9:42-43 S '57. (MIRA 10:10)
(Glue) (Machinery--Maintenance and repair)

APPROVED FOR RELEASE: 09/01/2001 CIA-RDP86-00513R001859420019-2"

"APPROVED FOR RELEASE: 09/01/2001 CIA-RDP86-00513R001859420019-2

VERESHCHAGIN, A. T.

Vereshchagin, A. T.

"The effect of pain stimulation on spinal reflexes and motor reactions caused by the cerebral cortex." Izhevsk State medical Inst. Chair of Normal Physiology. Bashkir State Medical Inst. Votkinsk, 1956. (Dissertation For the Degree of Candidate in Medical Sciences).

Knizhnaya letopis'
No 34, 1956. Moscow.

APPROVED FOR RELEASE: 09/01/2001 CIA-RDP86-00513R001859420019-2"

"APPROVED FOR RELEASE: 09/01/2001 CIA-RDP86-00513R001859420019-2

VERESHCHAGIN, A.P.

Effect of a strong pain stimulus on spinal cord reflexes. Trudy Vses. ob-va fiziol., biokhim. i farm. 3:12-13 '56 (MLRA 10:4)

1. Kafedra fiziologii Izhevskogo meditsinskogo instituta; zaveduyushchiy kafedroy professor Yu. P. Fedotov. Izhevsk.
(PAIN) (REFLEXES)

APPROVED FOR RELEASE: 09/01/2001 CIA-RDP86-00513R001859420019-2"

"APPROVED FOR RELEASE: 09/01/2001 CIA-RDP86-00513R001859420019-2

VERESHCHAGIN, A.P.

Tuberculosis of the urinary organs in children with bone and joint tuberculosis [with summary in English, p.160]. Vest.khir. 78 no.2: 103-109 F '57. (MLRA 10:3)

1. Iz kafedry urologii (nachal'nik - doktor meditsinskikh nauk G.S. Grebenshchikov) i TSentral'nogo Yevpatoriyskogo detskogo voyennogo klinicheskogo kostnotuberkuleznogo sanatoriya (nachal'nik - kandidat meditsinskikh nauk A.P.Gushchin) Ministerstva oborony SSSR.

(TUBERCULOSIS, OSTEOARTICULAR, in inf. & child with urogenital tuberc. (Rus))
(TUBERCULOSIS, UROGENITAL, in inf. & child with osteoarticular tuberc. (Rus))

APPROVED FOR RELEASE: 09/01/2001 CIA-RDP86-00513R001859420019-2"

"APPROVED FOR RELEASE: 09/01/2001 CIA-RDP86-00513R001859420019-2

VERESHCHAGIN, A.P.

AUTHOR: Vereshchagin, A.P. 121-4-23/32

TITLE: A Fixture for the Rounding-off of the Tooth Ends in Straight Spur Gears (Prisposobleniye dlya zakrugleniya zub'yev tsilindricheskikh zubchatykh koles)

PERIODICAL: Stanki i Instrument, 1958, No.4, p.37 (USSR).

ABSTRACT: A fixture and cutting tool for attachment to a Reinecker gear-shaping machine are shown.

There are 2 figures.

AVAILABLE: Library of Congress

Card 1/1

1. Gear cutting machines-Attachment

APPROVED FOR RELEASE: 09/01/2001 CIA-RDP86-00513R001859420019-2"

"APPROVED FOR RELEASE: 09/01/2001 CIA-RDP86-00513R001859420019-2

VERESHCHAGIN, A.P.; SETKINA, G.A., studentka VI kursa

Effect of exteroceptive painful irritation on the action of camphor in hypothuroid animals. Trudy Izhev.gos.med.inst. 21: 40-43 '64.

(MIRA 19:1)

1. Kafedra normal'noy fiziologii (zaveduyushchiy - dotsent A.P. Vereshchagin) Izhevskogo meditsinskogo instituta.

APPROVED FOR RELEASE: 09/01/2001 CIA-RDP86-00513R001859420019-2"

"APPROVED FOR RELEASE: 09/01/2001 CIA-RDP86-00513R001859420019-2

VERESHCHAGIN, A.P., kand. med. nauk; YERKOV, V.P., kand. med. nauk

Partial homograft of the epiphyses in tuberculous gonitis and its sequelae. Vest. khir. no. 6:101-106 '65. (MIRA 18:12)

1. Iz Leningradskogo nauchno-issledovatel'skogo instituta khirurgicheskogo tuberkuleza (dir. - prof. D.K.Khokhlov; nauchnyy rukovoditel' - deystvitel'nyy chlen AMN SSSR prof. P.G. Kornev).

APPROVED FOR RELEASE: 09/01/2001 CIA-RDP86-00513R001859420019-2"

"APPROVED FOR RELEASE: 09/01/2001 CIA-RDP86-00513R001859420019-2

VERESHCHAGIN, A.P., starshiy nauchnyy sotrudnik (Leningrad K-51, Lanskoye shosse, d. 10, korpus 1, kv.65).

Radical restorative surgery in tuberculous coxitis and its sequelae. Ortop., travm. i protez. 27 no. 1:24-30 Ja '66 (MIRA 19:1)

1. Iz Leningradskogo instituta khirurgicheskogo tuberkuleza (direktor - prof. D.K. Khokhlov; nauchnyy rukovoditel' - deystvitel'nyy chlen AMN SSSR prof. P.G. Kornev). Submitted May 22, 1965.

APPROVED FOR RELEASE: 09/01/2001 CIA-RDP86-00513R001859420019-2"

"APPROVED FOR RELEASE: 09/01/2001 CIA-RDP86-00513R001859420019-2

PROCESSES AND PROPERTIES INDEX

VERESCIAGHIN (B. V.). Вредители Виноградной лозы и борьба съ ними. (По наблюденіямъ въ Бессарабіи за 20 лѣтъ 1913-1932). [Agencies injurious to the Vine and their control (according to observations in Bessarabia from 1913 to 1932).] —16 pp., 1 fig. [on the cover]. Cooperativa Agricolă 'Pomona', Chişinău [Kishineff, Bessarabia], 1933.

In this paper the author gives brief notes on the more important pests and diseases of the vine which were observed by him since 1913 in Bessarabia, among which the following may be mentioned. Although the 'esca' disease (*Stereum necator*) [*R.A.M.*, x, p. 221] was first recorded in 1927, it is believed to be of much longer standing in Bessarabia; it is especially prevalent in droughty seasons, such as that of 1930, and appears to be closely related with court-noué. White rot of grapes caused by *Charrinia* [*Coniothyrium*] *diplodiella* [ibid., xii, p. 8] is most serious in hot summers and usually develops after hail injury to the vines, when it may destroy as much as 30 per cent. of the crop. Black rot is caused locally by *Guignardia* [*Physalospora*] *baccae* [ibid., ix, p. 12] and is of minor importance; *G. bidwellii* has not yet been recorded in Bessarabia. Excoriosis (*Phoma flaccida*) [ibid., xii, p. 352] is only serious in certain years, e.g., in 1926, when in some

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

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localities up to 30 per cent. of the new growth was affected with it. *Sordaria uvicola* [ibid., x, p. 77] attacks chiefly mature grapes, which it dries up to a condition resembling that of raisins, it only causes minor losses. *Diplodia viticola* [cf. ibid., viii, p. 11] is frequently found on dying vine twigs, but is considered to be rather a saprophyte than a parasite. *Alternaria vitis* [ibid., ix, p. 12] is a very widespread saprophyte, usually following an attack by some primary parasitic fungus on the leaves, twigs, and grapes.

Trichothecium candidum [ibid., vii, p. 326] was for the first time observed in 1932 attacking the grapes of certain American self-rooted varieties, on which it formed irregular pinkish spots, and frequently caused the drying-up of whole bunches. [A note on *T. candidum* on grapes is also published, in the Rumanian language, in *Revista Horticola*, Chişinău, No. 118, pp. 159-160, 1932.]

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A M

VERESCIAGHIN (B. [V.]). О дезинфекціи сѣмянъ противъ мокрой, твердой и пылькой головни. [Disinfection of seeds against bunt, and loose and covered smuts.]—*Bul. agric. Basarabia*, 1937, 5, 2 pp., 1937.

The author points out that cereal seed grain disinfection against bunt (*Tilletia tritici*) [*T. caries*] and smuts (*Ustilago* spp.) has been rendered compulsory in Rumania by Order of the Ministry of Agriculture of 14th August, 1937, and briefly indicates the treatments applicable to the different diseases. The best control of wheat bunt is said to have been afforded by the old brand of porzol (of a reddish-brown colour, the new porzol, of a dark-purple colour being much less effective) [*R.A.M.*, xvi, p. 89] cereasan, and arzopol (Moscovitz); next in efficacy came anti-smut (Cooper), and cerealina (Caffaro).

A5a-5L4 METALLURGICAL LITERATURE CLASSIFICATION

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VERESHCHAGIN, B.V., kand.sel'skokhoz.nauk.; NIKOLAYEVA, L.P., kand.biolog.-nauk; VITKO, K.R. (Kishinev)

Dog-day cicada, a forest pest. Priroda 51 no.7:128 Jl '62. (MIRA 15:9)

(Moldavia--Cicada)

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"APPROVED FOR RELEASE: 09/01/2001 CIA-RDP86-00513R001859420019-2

[illegible], [illegible]

Forests and Forestry

Fight against the pests of fruit trees, Les i s tep' No. 3, 1952

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

APPROVED FOR RELEASE: 09/01/2001 CIA-RDP86-00513R001859420019-2"

"APPROVED FOR RELEASE: 09/01/2001 CIA-RDP86-00513R001859420019-2

VERESHCHAGIN, B. V.

Cherry - Diseases and Pests

Bird cherry weevil, a cherry pest. Sad i og. no.5:69 My '52.

9. Monthly List of Russian Accessions, Library of Congress, July 1952. Unclassified.

APPROVED FOR RELEASE: 09/01/2001 CIA-RDP86-00513R001859420019-2"

"APPROVED FOR RELEASE: 09/01/2001 CIA-RDP86-00513R001859420019-2

VERESHCHAGIN, B.V.

Chalcid flies (Hymenoptera, Eurytomidae) of stone fruits of the rose family in the forest belts of Voronesh Province. Ent.obozr. 33:74-77 '53. (MLRA 7:5)

1. Vsesoyuznyy Institut zashchity rasteniy Vsesoyuznoy Akademii sel'skokhozyaystvennykh nauk im. V.I.Lenina, Leningrad.
(Voronesh Province--Chalcid flies) (Chalcid flies--Voronesh Province)
(Fruit--Diseases and pests)

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VERESHCHAGIN, B.V.

USSR/General and Special Zoology - Insects. P-6

Abs Jour : Ref Zhur - Biol., No 5, 1958, 21088

Author : Vereshchagin, B.V., Vereshchagina, V.V.

Inst : -

Title : Ceresa bubalus F. (Cicadoidae, Nembracidae) as Pests in Young Gardens in the Southern Part of the Dniestr Region.

Orig Pub : Entomol. obozreniya, 1956, 35, No 4, 822-825

Abstract : The ceresa bulabus female made a pair of cuts in the bark of the branch for the laying of eggs; it gripped the cambius and partly the wood. Often two cuts (each 4-5 mm in length) merged into one. There were 20-98 egg deposits on each 10 cm of the branch. Under the cut the bark loosened, became dark, deceased, and the branches dried up in the spring. The eggs were laid on branches and tops of a 4-10 mm in diameter of young (2-3 years) apples, prunes, pears, apricots, quince, cherry and rarer of walnut, willow, poplar, ash, and elm trees.

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VERESHCHAGIN, B.V.

USSR/General and Special Zoology. Insects. Injurious Insects and Ticks. Pests of Fruit and Berry Crops P

Abs Jour : Ref Zhur - Biol., No 11, 1958, No 49628

Author : Voreshchagin B.V., Voreshchagina V.V.
Inst : All-Union Institute of Plant Protection, Moldavian Station.
Title : Mites-Eryophiides on the Plum and Pear and Their Control

Orig Pub : Sb. tr. Mold. st. Vses. in-ta zashchity rastenii, 1957, vyp. 2, 167-171

Abstract : The plum sprout mite injures the developing sprouts in the gashes of bud scales that fell off, causing the formation of delicate rose galls, ringing the sprouts, the crumbling of ovaries and the drying of the branches of the first and second order. 100-432 mites winter in each gall at the base of one-year sprouts. In the spring,
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"APPROVED FOR RELEASE: 09/01/2001 CIA-RDP86-00513R001859420019-2

USSR/General and Special Zoology. Insects. Injurious Insects and Ticks. Pests of Fruit and Berry Crops P

Abs Jour : Ref Zhur - Biol., No 11, 1958, No 49628

most of the females migrate from the old galls to the base of young sprouts. The females that remain in the galls deposit their eggs. Only one generation develops in the old galls. Spraying once with Mercaptophos (0.1-0.2%) or preparation M-74 (0.03-0.05%) during mass migration of the mites is very effective. This may be replaced by spraying three times with other sulfonate (0.5%) or Thiophos emulsion (0.1%). The pear mite feeds on pear leaves and forms protuberant galls on their upper side, and on the lower side flat, yellow-green galls (later dark brown). The mites upset assimilation, the leaves become brown and die. Spring spraying with Thiophos (0.1%) is expedient, and it is effective also against the Psylla pyri L. (the concentration of the insecticides in indicated according to the preparation). -- A.P. Adrianov

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VERESHCHAGIN, B.V.

USSR/General and Special Zoology. Insects. Injurious Insects and Ticks. Pests of Fruit and Berry Crops P

Abs Jour : Ref Zhur - Biol., No 11, 1958, No 49674

Author : Vereshchagin B.V., Bereshchagina V.V.
Inst : All-Union Institute of Plant Protection, Moldavian Station
Title : The Leaf-Rollers Which Damage the Plum Tree in Moldavia and the Effect of Chemical Treatments, on Fruit Mites in the Control Leaf-Rollers.

Orig Pub : Sb. tr. Mold. st. Vses. in-ta zashchity rast., 1957, vyp. 2, 115-120

Abstract : The plum leaf-roller moth breeds in two generations in Moldavia. Its harmfulness is different in various years because the plum trees do not bear fruit each year and because of the spatial isolation of the plum plantings. When the latter adjoin apple tree gardens, the fruit of the plum trees, especially of the late varieties, is

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VERESHCHAGIN, B.V.

USSR/General and Special Zoology. Insects. Injurious Insects and Ticks. Pests of Fruit and Berry Crops P

Abs Jour : Ref Zhur - Biol., No 11, 1958, No 49672

Author : Zotsenko L.N., Vereshchagin B.V.
Inst : All-Union Institute of Plant Protection, Moldavian Station.
Title : Data on the Biology of the Partenolecanium corni Bouche Damaging the Plum in Moldavia and Its Control.

Orig Pub : Sb. tr. Mold. st. Vses. in-ta zashchity rast., 1957, vyp. 2, 159-166

Abstract : The first adult females were noted on May 14 and the first males on May 25 in the Misporenskiy Rayon of Moldavia (1956). Egg laying began in the last ten days of May during the discarding of the plum pericarp, and on June 12 the number of egg laying females was 98.5%. The larvae

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USSR/General and Special Zoology. Insects. Injurious Insects and Ticks: Pests of Fruit and Berry Crops P

Abs Jour : Ref Zhur - Biol., No 11, 1958, No 49672

began emerging June 12, the emergence was completed in the last 10 days of July. Spring chemical treatment was conducted shortly before the appearance of the "green cone" (April 17-18). Carbolineum (6%), carbolineum (6%) with Bordeaux mixture (4%) and freshly slaked lime (12%) were used. The spraying was done with great care. Badly sprayed trees were sprayed again. The dead larvae were, respectively, 99.1%, 98.5% and 97.3%, while in the control 0.7% died. During summer treatments against first generation larvae on July 1 Vophatox (0.3%), Mercaptophos (0.1%), M-74 (0.05%), chlorthane-2 TsNILKhI (1.0%), chlordane (0.5%), solinon (0.05%), ether sulfonate (0.4%), and colloidal sulphur (1%) (the concentrations were indicated according to the preparation) were used. Up to July 25, 97.2%

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USSR/General and Special Zoology. Insects. Injurious Insects and Ticks. Pests of Fruit and Berry Crops P

Abs Jour : Ref Zhur - Biol., No 11, 1958, No 49672

of the larvae died because of the use of Vophatox, 83.3% died because of Mercaptophos, while in the control 3.7% died. The remaining preparations proved ineffective. -- E.M. Drozdovskiy

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"APPROVED FOR RELEASE: 09/01/2001 CIA-RDP86-00513R001859420019-2

VERESHCHAGIN, B.V.

USSR/General and Special Zoology. Insects. Injurious Insects and Ticks. Pests of Fruit and Berry Crops P

Abs Jour : Ref Zhur - Biol., No 11, 1958, No 49632

Author : Vereshchagin B.V.
Inst : All-Union Institute of Plant Protection. Moldavian Station
Title : Biology of the Membracid Ceresa Bubalus F. and Its Control.

Orig Pub : Sb. tr. Mold. st. Vses. in-ta zashchity rast., 1957, vyp. 2, 19-27

Abstract : Ceresa bubalus has only one generation. For purposes of depositing their eggs, the females make cuts in pairs in the bark of branches and stems of young fruit trees and forest varieties (17 species). Mass damage weakens the trees and sharply decreases their growth, especially in the bottom-lands and irrigated terrace gardens of the Dnester Valley. The eggs winter. The newly born
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"APPROVED FOR RELEASE: 09/01/2001 CIA-RDP86-00513R001859420019-2

USSR/General and Special Zoology. Insects. Injurious Insects and Ticks. Pests of Fruit and Berry Crops

Abs Jour : Ref Zhur - Biol., No 11, 1958, No 49632

larvae fall under the trees and suck the juices of the stems and petioles of leaves of cultivated, weedy and meadow grasses (17 species); they are not found on lily and graminae grasses. They do not extend further than 0.1-2 m from the trees. The following are measures of protection of young (2-3 years old) gardens from Ceresa bubalus: high agricultural techniques of fruit cultivation; keeping the soil in the gardens fallow or cultivating between rows plants unfit for feeding Ceresa larvae (onions, garlic and others) and destroying the weeds, especially in June; cutting and shortening the dry branches greatly infected with Ceresa; rejecting the infected plantings; treating the trees and especially the grass in the rows with DDT during mass emergence of the larvae. -- A.P. Adrianov

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"APPROVED FOR RELEASE: 09/01/2001 CIA-RDP86-00513R001859420019-2

COUNTRY : USSR P
CATEGORY : GENERAL&SPEC.ZOOLOGY.INSECTS
Insect and Mite Pests.

ABS. JOUR.: Ref Zhur-Biologiya, No. 4, 1959, No. 16323

Author : Vereshchagin, B.V.
INST. :
TITLE : Protection of Plum Orchards from Soft Scale Pulecanium corni.

ORIG. PUB.: Sad i ogorod, 1958, No.3, 75

ABSTRACT : At "Pauleshte" sovkhoz in Goldavskaya SSR on the 3rd of April plum trees were sprayed with a 1% solution of selinon (DNC). On the 10th of May 99.7% of the scales were dead. According to data of the Institute of the Canning Industry and the Ukrainian Institute of Gardening the use of selinon prior to the opening of the buds also destroyed eggs of the aphid, Cacoecia rosana, oyster-shell bark louse (95 - 100%) and quite a number of eggs of Bryobia redikorzevi. -- E.M. Drozdovskiy

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"APPROVED FOR RELEASE: 09/01/2001 CIA-RDP86-00513R001859420019-2

VERESHCHAGIN, Boris Viktorovich; KISKINA, Ol'ga Gavrilovna; MATKOVSKAYA, N.A., red.; MESHMAN, L.O., tekhn. red.

[Acacia and plum pseudoscales and their control in plum orchards] Akatsievaia i slivovaia lozhnoshchitovki i mery bor'by s nimi v slivovykh sadakh. Kishinev, Izd-vo "Shtiintsa" Moldavskogo filiala AN SSSR, 1960. 20 p. (MIRA 14:7)

(Plum—Diseases and pests) (Scale insects)

APPROVED FOR RELEASE: 09/01/2001 CIA-RDP86-00513R001859420019-2"

"APPROVED FOR RELEASE: 09/01/2001 CIA-RDP86-00513R001859420019-2

VEREZHCHEGIN, B.V.; NARMIKULOV, M.N.

Materials on the morphology and biology of plant lice (Homoptera, Aphididae) from the mahaleb. Izv. Meld. fil. AN SSSR no.3:61-78 '61. (MIRA 17:6)

APPROVED FOR RELEASE: 09/01/2001 CIA-RDP86-00513R001859420019-2"

"APPROVED FOR RELEASE: 09/01/2001 CIA-RDP86-00513R001859420019-2

VERESHCHAGIN, B.V.

Some features of the injurious dendrophilous entomofauna in Moldavia. Zool. zhur. 43 no.2:185-192 '64. (MIRA 17:6)

1. Institut zoologii Akademii nauk Moldavskoy SSR, Kishinev.

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"APPROVED FOR RELEASE: 09/01/2001 CIA-RDP86-00513R001859420019-2

VERESHCHAGIN, B.V.; PLUGAR', S.G.

Effect of aerial dusting of the forests of Moldavia with 5,5% DDT dust on the forest entomofauna. Vop. ekol. 7:26-27 '62. (MIRA 16:5)

1. Institut biologii AN Moldavskoy SSR, Kishinev.
(Moldavia--Aeronautics in insect control)
(Moldavia--Forest insects)
(DDT (Insecticide))

APPROVED FOR RELEASE: 09/01/2001 CIA-RDP86-00513R001859420019-2"

"APPROVED FOR RELEASE: 09/01/2001 CIA-RDP86-00513R001859420019-2

VERESHCHAGIN, Boris Viktorovich; PLUGAR', Sergey Georgiyevich; ~~DRYAMILOVA, V.I., red.~~; POLONSKIY, S.A., tekhn. red.

[Oak procession moth and its control]Dubovyi pokhodnyi shelkopriad i mery bor'by s nim. Kishinev, Izd-vo "Shtiintsa," 1962. 21 p. (MIRA 15:10)
(Moldavia--Oak--Diseases and pests) (Moldavia--Moths)

APPROVED FOR RELEASE: 09/01/2001 CIA-RDP86-00513R001859420019-2"

"APPROVED FOR RELEASE: 09/01/2001 CIA-RDP86-00513R001859420019-2

VERESHCHAGIN, F. P.; BARANOVSKIY, V. V.

Determination of certain thermophysical characteristics of alunite for use as raw material. TSvet. met. 35 no.10:78-80 O '62. (MIRA 15:10)

(Alunite--Thermal properties)

APPROVED FOR RELEASE: 09/01/2001 CIA-RDP86-00513R001859420019-2"

"APPROVED FOR RELEASE: 09/01/2001 CIA-RDP86-00513R001859420019-2

VERESHCHAGIN, F.P.; PONOMAREV, V.D.; LABUTIN, G.V.; IVANOVA, L.B.

Dehydration of a polydisperse alunite ore in a fluidized bed. TSvet. met. 36 no.11:41-46 N '63. (MIRA 17:1)

APPROVED FOR RELEASE: 09/01/2001 CIA-RDP86-00513R001859420019-2"

"APPROVED FOR RELEASE: 09/01/2001 CIA-RDP86-00513R001859420019-2

BELETSKIY, M.S.; VERESHCHAGIN, F.P.; LEONENKOVA, T.A.; MELAMED, R.I.

X-ray diffraction examination of alunite during heating. Zhur.prikl khim. 36 no.3:475-480 My '63. (IRA 16:5)
(Alunite—Thermal properties) (X-ray diffraction examination)

APPROVED FOR RELEASE: 09/01/2001 CIA-RDP86-00513R001859420019-2"

"APPROVED FOR RELEASE: 09/01/2001 CIA-RDP86-00513R001859420019-2

VERESHCHAGIN, G.I., konstruktor

Manually operated vibration tool for making cement sand tiles.
Rats. i izbor. predl. v stroi. no.7:62-63 '58. (MIRA 11:12)

1. Voronezhskiy mekhanicheskiy zavod.
(Tiles, Roofing)

APPROVED FOR RELEASE: 09/01/2001 CIA-RDP86-00513R001859420019-2"

"APPROVED FOR RELEASE: 09/01/2001 CIA-RDP86-00513R001859420019-2

BIZIN, P. S.; VERESHCHAGIN, G. P.; SERGEYEV, Ye. L.

Apparatus for dispatcher communications in mines. Ugol' Ukr. 6 no.10:38-39 O '62. (MIRA 15:10)

(Mine communications)

APPROVED FOR RELEASE: 09/01/2001 CIA-RDP86-00513R001859420019-2"

"APPROVED FOR RELEASE: 09/01/2001 CIA-RDP86-00513R001859420019-2

VERASHCHAGIN, G.Yu.

Thermal interaction of lake Baikal and the Angara River. Trudy Baik. limnol. sta. 18:7-154 '60. (MIRA 14:1)
(Baikal, Lake--Temperature)
(Angara River--Temperature)

APPROVED FOR RELEASE: 09/01/2001 CIA-RDP86-00513R001859420019-2"

"APPROVED FOR RELEASE: 09/01/2001 CIA-RDP86-00513R001859420019-2

VERESHCHAGIN, I.

IVANNIKOV, P.; VERESHCHAGIN, I.

Role of collective farm trade in supplying the population of Voronezh. Sov.torg. no.6:27-29 Je '57. (MLRA 10:8)
(Voronezh--Commerce)
(Collective farms)

APPROVED FOR RELEASE: 09/01/2001 CIA-RDP86-00513R001859420019-2"

"APPROVED FOR RELEASE: 09/01/2001 CIA-RDP86-00513R001859420019-2

VERESHCHAGIN, I.[translator]; BAZUTKIN, V.[translator]; SOKOLOVA, M. [translator]; RAZEVIG, D.V., red.; ZHAKOV, Ye., red.; DOTSENKO, V., tekhn. red.

[Plasma and electrostatic rocket engines] Plazmennye i elektrostaticheskie raketnye dvigateli. Moskva, Izd-vo inostrannoi lit-ry, 1962. 168 p. Translated from the English. (MIRA 16:6)

(Rockets (Aeronautics))

APPROVED FOR RELEASE: 09/01/2001 CIA-RDP86-00513R001859420019-2"

"APPROVED FOR RELEASE: 09/01/2001 CIA-RDP86-00513R001859420019-2

VERESHCHAGIN, I.A.; YERMILOVA, R.I.; POLYAKOVA, L.K.

Antibiotic therapy for dysentery in children. Antibiotiki 9 no.12: 1103-1107 D '64. (MIRA 18:7)

1. Otdel detskikh infektsiy (zav. - prof. A.L.Libov) Leningradskogo nauchno-issledovatel'skogo instituta antibiotikov i Detskaya infektsionnaya bol'nitsa (glavnyy vrach K.A.Didkina) Leninskogo rayona Leningrada.

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"APPROVED FOR RELEASE: 09/01/2001 CIA-RDP86-00513R001859420019-2

LIBOV, A.L., prof.; VERESHCHAGIN, I.A., kand. med. nauk; LAGERT, I.E., kand. med. nauk; OSTROVSKIY, A.D., kand. med. nauk; POLYAKOVA L.K.

Treatment of dysentery in children using streptosulfanilamide. Sov. med. 27 no.12:78-79 O '64. (MIRA 18:11)

1. Otdel detskikh infektsiy (nauchnyy rukovoditel' - prof. A.L. Libov) Leningradskogo nauchno-issledovatel'skogo instituta antibiotikov (dir.- doktor med. nauk A.N. Klimov) Ministerstva zdravookhraneniya SSSR na baze detskoy infektsionnoy bol'nitsy Leninskogo rayona (glavnyy vrach K.A. Dudkina), Leningrad.

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"APPROVED FOR RELEASE: 09/01/2001 CIA-RDP86-00513R001859420019-2

VERESHCHAGIN Iv.

Laws on silviculture. Moskva, Krasnaia nov', 1924. 47 p. Krasnaia nov', n0. 230)

APPROVED FOR RELEASE: 09/01/2001 CIA-RDP86-00513R001859420019-2"

"APPROVED FOR RELEASE: 09/01/2001 CIA-RDP86-00513R001859420019-2

VERESHCHAGIN, I.

Radio equipment of the "Kometa-2" airplane. Grazhd.av. 13 no.6: 37-38 Je '56. (MIRA 9:9)
(Airplanes--Radio equipment)

APPROVED FOR RELEASE: 09/01/2001 CIA-RDP86-00513R001859420019-2"

"APPROVED FOR RELEASE: 09/01/2001 CIA-RDP86-00513R001859420019-2

PUSTOVALOVA, N.A.; VERESHCHAGIN, I.A.; POLYAKOVA, L.K.

Study of the resistance of dysentery bacteria to antibiotics and the concentration of monomycin in the blood of children with acute intestinal infections. Antibiotiki 8 no.3:279-283 Mr'63 (MIRA 17:4)

1. Otdel detskikh infektsiy (nauchnyy rukovoditel' - prof. A.L. Libov) Nauchno-issledovatel'skogo instituta antibiotikov i Detskaya infektsionnaya bol'nitsa Leninskogo rayona Leningrada (glavnyy vrach K.A. Dudkina).

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"APPROVED FOR RELEASE: 09/01/2001 CIA-RDP86-00513R001859420019-2

VERESHCHAGIN, I.A.

Complicated valvular pneumothorax in a 40-day-old infant. Vop. okhr. mat. i det. 6 no. 1:87-88 Ja '61. (MIRA 14:4)

1. Iz bol'nichno-poliklinicheskogo ob"yedineniya Tomska.
(PNEUMOTHORAX) (INFANTS (NEWBORN)—DISEASES)

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"APPROVED FOR RELEASE: 09/01/2001 CIA-RDP86-00513R001859420019-2

VERESHCHAGIN, I. A., Cand Med Sci -- (diss) "Morphological peculiarities ~~properties~~ of chromatin of the neutrophils ~~in~~ of newborn infants and ~~to~~ adults (including ~~among them~~ pregnant women). Len, 1957. 14 pp (Len Pediatric Med Inst) 230 copies

(KL, 12-58, 101)

APPROVED FOR RELEASE: 09/01/2001 CIA-RDP86-00513R001859420019-2"

"APPROVED FOR RELEASE: 09/01/2001 CIA-RDP86-00513R001859420019-2

VERESHCHAGIN, I.A.

Determination of fetal sex by changes in the morphological composition of the maternal blood. Sov. med. 23 no.5:28-35 My '59. (MIRA 12:7)

1. Iz kafedry gospital'noy pediatrii (zav. - deystvitel'nykh chlen AMN SSSR prof. A. F. Tur) Leningradskogo pediatricheskogo meditsinskogo instituta (dir. - prof. N. T. Shutova)

(SEX CHARACTERISTICS
sex determ. of fetus by maternal blood morphol. (Rus))
(PREGNANCY, blood in
maternal blood morphol. in determ. of fetal sex (Rus))

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"APPROVED FOR RELEASE: 09/01/2001 CIA-RDP86-00513R001859420019-2

EXCERPTA MEDICA Sec 7 Vol 13/5 Pediatrics May 59

1055. DIFFERENCES IN MORPHOLOGICAL STRUCTURE OF SEGMENTO-NUCLEAR NEUTROPHILS IN ADULTS AND NEONATES (Russian text) - Vereshchagin I. A. Paediat. Inst., Leningrad - VOPR. OKHR. MATER. I DETS. 1958, 1 (15-19)

Blood from 100 healthy men and women aged from 17 to 30 yr. and from 120 newborn children of both sexes taken during the first 2-24 hr. after birth was examined. In the case of adult women perinuclear appendages or drumstick-like bodies, nodules or droplets can be observed, which have no filar connection with the nucleus. In the case of adult males, cells with class C bodies, threadlike or in the form of hooks and rods and situated at the inner edge of the nucleus, predominate. These sex differences are more marked in newborn girls than in women. These differences are less pronounced in newborn boys than in adult men. It is shown that the quantitative ratio of cells with sex features in the nucleus within the same sex is related to the age factor.

Zhukovskii - Moscow (S)

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USSR/Human and Animal Physiology- Blood. Regular Elements. I

Abs Jour : Ref Zhur Biol., No 3, 1959, 12625

Author : Vereshchagin, I.A.
Inst : [illegible]
Title : Differences in Morphological Structure of Segmented Neutrophils in Adults and Newborn Children

Orig Pub : Vopr. okhrany materinstva i detstva, 1958, 3, No 1, 15-19

Abstract : In order to differentiate sexual characteristics in neutrophils by means of paranuclear formations (sexuated chromatin, satellite nuclei, paranuclear appendages, etc) blood smears, stained by the Pappenheim method, were studied of 100 healthy people 17 - 30 years of age and 120 newborn in the first 2 - 24 hours of life. Using the Kozenov classification, 500 segmented and stab-nucleated formations were counted, and cells were noted with paranuclear formations in classes A, B, C,

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Chair Hospital Pediatrics
Leningrad Pediatric Med Inst.

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Abs Jour : Ref Zhur Biol., No 3, 1959, 12625

and D; the sum of the cells in class A and B and the index $Q = \frac{A + B}{C}$ were determined. In males (40) the predominating cells had nuclei with sexual characteristics of class C (bodies with forms of rods, hooks, and filaments emerging from the inner periphery of the segments of the nuclei). In males $A + B = 10.0$ and $Q = 0.28$. In females (60) cells of class B predominated (bodies in forms of loops or drops in close proximity to the nucleus). Cells with bodies of class A and C were few; cells of class D were absent. In females $A + B = 53.5$ and $Q = 8.91$. In newborn boys (69) cells of class C predominated, but there were fewer of them than in adult males with an increased number of cells of class B and A; $A + B = 16.1$ and $Q = 0.74$. In bloods of newborn girls (51) sexual differences were more

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Abs Jour : Ref Zhur Biol., No 3, 1959, 12625

sharply expressed than in adult females: the number of cells of class B averaged 75.2 with an increase in the number of cells of class A; A + B = 83.5 and Q = 9.07. -- M.I. Yershovich

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AUTHOR: Vereshchagin, I.F.

TITLE: The Motion of a Point of Variable Mass Along a Line-of-Sight Path

PERIODICAL: Izvestiya vysshikh uchebnykh zavedeniy, Aviatsionnaya tekhnika, 1960, Nr 2, pp 14-21 (USSR)

ABSTRACT: The path lies in the vertical plane and the velocity of the moving point is at each instant directed towards the position of the target, which is being approached from the tail. The equations of motion and the equation expressing the condition that the point follows the line of sight path are used to determine the coordinates of the point and the variation of its mass. The equations of motion are resolved along the tangent and normal to the trajectory. The problem is thus reduced to the determination of the function $u = \tan \varphi$, where φ is the angle of inclination of the tangent to the trajectory to the horizontal direction. This function is determined in a number of special cases. In all the cases the target is in horizontal flight at constant velocity. The cases arise from the possible values of

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The Motion of a Point of Variable Mass Along a Line-of-Sight Path

the constant $k = a/\dot{x}_0$, where a is the velocity of the target and $\dot{x}_0$ the initial velocity of the point. If $k = 0$, the point pursues a parabolic path. Interception will only take place for one value of the launching angle. If $1/2 < k$, the path is a cycloid. As in the previous case the time of interception, the coordinates of the point of interception and the conditions under which interception can take place are determined. The results for the previous case can be obtained by passing to the limit as k tends to $1/2$. Next the case $k < 1/2$ is considered. This gives rise to an exponential path. The case of constant course velocity along a cycloidal path is discussed. There are 7 figures and 2 Soviet references.

ASSOCIATION: Permskiy gosudarstvennyy universitet, Kafedra mekhaniki (Perm State University, Chair of Mechanics)

SUBMITTED: November 17, 1959

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88611

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26.3150

AUTHOR: Vereshchagin, I. F.

TITLE: On the Solution of the Extremal Problem for the Motion of a Point of Variable Mass

PERIODICAL: Izvestiya vysshikh uchebnykh zavedeniy, Aviatsionnaya tekhnika, 1960, No. 4, pp. 18-30

TEXT: In describing the motion of the point in the vertical plane I. V. Meshcherskiy's equations involving the mass, the rate of absorption of oxidiser from the atmosphere and the angles of attack and pitch are used. These equations do not form a complete system and so in the first part of the paper a variational method of constructing the necessary equations is presented and the system so obtained is applied in the second part of the paper to derive an optimum launching curve for an artificial satellite. Meshcherskiy's equations assume that the thrust is tangential to the trajectory. It is assumed that the mass is a monotonically decreasing continuous differentiable function of the time during the active part of the trajectory. It is convenient to take the mass as the independent variable.

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On the Solution of the Extremal Problem for the Motion of a Point of Variable Mass

In general there are only two equations, which express the change in the horizontal co-ordinate x and the vertical co-ordinate y with respect to the mass. The second equation may be replaced by one involving $u = \tan \varphi$ where φ is the angle which the tangent to the trajectory makes with the x-axis. Three further equations can be derived from the condition that some parameter of the motion takes an extreme value. In the approach adopted, the variations in y, the angle of attack α, and the angle of pitch θ are taken as arbitrary and the method of Lagrangian multipliers is used. One further equation is necessary to determine the constants of integration and this is obtained from the initial conditions on certain of the parameters of motion and from the vanishing of the integrand in the expression for the variational functional. In applying the equations derived, the rotation and curvature of the earth and the resistance of the atmosphere are neglected and it is assumed that the thrust force field is homogeneous. Of all the motions which are possible in the launching trajectory, preference

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On the Solution of the Extremal Problem for the Motion of a Point of Variable Mass

is given to that in which the greatest velocity v_1 is obtained at a height H for a given fuel consumption. In this case the variational problem is that of determining the optimum value of φ_0, the launching angle. Particularising the generalised equations which were obtained above, a set of differential equations is obtained, whose solution theoretically corresponds to motion along the x-axis with infinitely large velocity. In practice this means that the rocket must, with maximum possible overloading, change course by 90° and in the minimum time consume all its fuel. Two particular methods of launching the satellite are considered. The first is that of launching the satellite along a parabola. From the equations of motion we obtain du/dt = c_1 (a constant), whence, $u = c_2 + c_1 t$. From the conditions of the problem the constants of integration and the time spent on the curvilinear part of the trajectory are determined. The method is the variational one discussed above. The second case discussed is launching the satellite with constant velocity. In

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On the Solution of the Extremal Problem for the Motion of a Point of Variable Mass

this case the initial value of u has to be determined as well as the time in the curvilinear portion of the trajectory. Finally, the two methods are compared. Only two of the possible parabolic launchings are considered. In the first there is instantaneous combustion of all the fuel on reaching a height H, and in this case the initial velocity is less than that of the satellite launched with constant velocity in the case previously discussed; the second parabolic launching is such that the fuel is instantly consumed at the moment of transition from the straight part to the parabolic part of the trajectory, and now the converse conclusion is true. Since in practice instantaneous combustion is impossible, constant velocity launching is preferable out of consideration of the operation of the motor. There are 2 figures and 4 Soviet references.

ASSOCIATION: Kafedra mekhaniki, Permskiy gosudarstvennyy universitet
(Department of Mechanics, Perm State University)

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On the Solution of the Extremal Problem for the Motion of a Point of Variable Mass

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"APPROVED FOR RELEASE: 09/01/2001 CIA-RDP86-00513R001859420019-2

VERESHCHAGIN, I.F., kand.fiziko-matematicheskikh nauk, dotsent

Evaluating the degree of utilization of the strength of material of parts. Izv.vys.ucheb.zav.;mashinostr. no.11:25-33 '60. (MIRA 14:1)

1. Permskiy gosudarstvennyy universitet.
(Strength of materials)

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"APPROVED FOR RELEASE: 09/01/2001 CIA-RDP86-00513R001859420019-2

30981
S/124/61/000/009/001/058
D234/D303

AUTHOR: Vereshchagin, I.F.

TITLE: Generalizing the semi-inverse method of dynamics of a point with variable mass

PERIODICAL: Referativnyy zhurnal. Mekhanika, no. 9, 1961, 11-12, abstract 9 A84 (Uch. zap. Permsk. un-t, 1960, 17, no. 3, 11-18)

TEXT: Meshcherskiy's equations for a point with variable mass in a coordinate form are

$$m\ddot{x} = x - V_1 \frac{dm}{dt} \frac{x}{V}$$

$$m\ddot{y} = Y - V_1 \frac{dm}{dt} \frac{y}{v} \qquad (1)$$

where V_1 is the modulus of effective velocity of gas particles with

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respect to the point of variable mass; the velocity V_1 forms a negligibly small angle with the tangent of the trajectory of the point. The author has proposed a semi-inverse method of determining the optimum motion of the point; a law of motion along one of the two axes of coordinates is given as a function of time t and a parameter a e.g. $x = x(t,a)$ and from the system (1) $y = y(t, a)$, $m = m(t,a)$ are determined. The parameter a is found from the condition of maximum height or other conditions, for which the motion will be optimal. A generalization of the semi-inverse method is given. The essence of the generalization is as follows: The equations of motion of the point in a homogeneous gravitational field with the resistance of the atmosphere Q taken into account, viz, $m\ddot{x} = -(Q + V_1\dot{m})x/v$, $m\ddot{y} = -mg - (Q + V_1\dot{m})\dot{y}/v$ are considered. From these equations the author passes to natural equations of motion, introduces a basic function u by the relation $\dot{y}$ with $\dot{u}$; $\dot{y}$ with u, $\dot{u}$; m with $\dot{m}$, V_1, $\dot{u}$, $\ddot{u}$, Q. Choosing the basic function u from any additional conditions and choosing the initial conditions, one can obtain x,y,m as functions of t with the aid of quadratures. Two examples of the application

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of the method are given. In the first example the motion of a point with constant velocity v_0 in vacuo is considered. The basic function u, the law of mass variation and the equations of the trajectory are found. The dependence of range on the initial angle φ_0 is investigated. In the second example the constancy of the modulus of acceleration ω_0 is allowed and the calculations are carried out for $\omega_0 = g$. [Abstracter's note: Complete translation]

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AUTHOR: Vereshchagin, I. F.

TITLE: On the optimal law of placing an artificial earth satellite in orbit

PERIODICAL: Referativnyy zhurnal, Mekhanika, no. 12, 1961, 8, abstract 12A59 (Uch. zap. Permsk. un-t, 1960, 17, no. 3, 19-25)

TEXT: The motion of a rocket as a point on the curved part of acceleration projectory is considered. Rotation, curvature and atmospheric resistance of the earth are neglected, and the gravitational field is assumed homogenous. Differential equations of motion are obtained on the assumption that the angle between force of thrust and a tangent to the trajectory is negligible. The condition that a maximum velocity of the rocket is reached for a given amount of fuel at the moment of burn-out enables the law of motion and the law of change of mass to be

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found. The solution is reduced to finding the extremum of the corresponding functional. [Abstracter's note: Complete translation.]

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