

ZNAMENKA, R.T.

SMORODINSKIY, Ya.M., kandidat tekhnicheskikh nauk; ZNAMENKA, R.T., inzhener;
BUKHGOL'TZ, V.P., inzhener.

Protection of electric motors by the use of a totalizer with symmetrical
components. Ugel' 31 no.8:38-40 Ag '56. (MIRA 9:10)
(Electricity in mining) (Electric motors) (Automatic control)

ZNAMENACEK K

ROUSAROVA, J.; TRIFNA, E. (HMU); ZNAMENACEK, K.

The care of and the falling off of the umbilical stump. Cesk. pediat.
13 no.4:338-344 5 May 58.

1. Ustav pro peci o matku a dite v Frase-Podoli reditel prof. Dr. J. Trapl,
vedouci pediatrickeho sektoru prof. Dr. K. Eubak J. H., Praha-Podoli,
nabr. E. Marxe 157.

(UMBILICAL CORD

umbilical stump, healing time (Cs))

ZNAMENACEK, K.; BENESOVA, D.; STEMBERA, Z.K.

Asphyxia and postnatal mortality in the Czechoslovakian SSR
in 1962. Cesk. pediat. 19 no.9:784-789 S '64.

1. Ustav pro peci o matku a dite v Praze (reditel doc. dr.
M. Vojta; vedouci pediatrickeho vyzkumu doc. dr. K. Polacek,
CSc.) a Katedra patologicke anatomie fakulty detskeho lekarstvi
Karlovy University v Praze, (prednostka doc. dr. D. Benesova).

PRIBYLOVA, H.; ZNAMENACEK, K.

Oxygen consumption in newborn infants. Gesk. pediat. 20 no.2:
111-118 F '65

1. Ustav pro peči o matku a dite v Praze (nast. reditel: doc.
dr. J. Horský, DrSc.; vedoucí pediatrického úseku: doc. dr.
K. Poláček, CSc.).

ZNAMENACEK, K.

Features of carbohydrate metabolism in children of diabetic mothers.
Cesk. pediat. 18 no.1:71-73 Ja '63.

1. Ustav pro peci o matku a dite v Praze, reditel doc. dr M. Vojta,
vedouci pediatrickeho useku doc. dr. K. Polacek.

(CARBOHYDRATE METABOLISM) (PREGNANCY COMPLICATIONS)
(DIABETES MELLITUS)

ZNAMENACEK, K.; PRIBYLOVA, H.; technicka spoluprace: VIDLAKOVA, H.;
KUPKOVA, K.; CIHLAROVA, K.; NOVAKOVA, S.

Effect of glucose and insulin administration on the glycaemic curve
in newborn infants. Cesk. pediat. 18 no.2:104-109 F '63.

1. Ustav pro peci o matku a dite v Praze, reditel doc. dr. M.Vojta,
vedouci pediatrickeho vyzkumu doc. dr. K.Polacek, CSc.
(GLUCOSE) (INSULIN) (BLOOD SUGAR)

ROUSAROVA, Jarmila, D.s.; ZNAMENACEK, Karel; TREJNA, Emilie, (SMU)

Certain problems of environmental atmosphere for newborn infants.
Cesk.pediat. 15 no.1:30-36 Ja '60.

1. Ustav pro peci o matku a dite v Praze-Podoli, reditel prof.dr.
J. Trapl, vedouci pediatrickeho useku prim. dr. K. Polacek. Hydro-
meteorologicky ustav v Praze.

(INFANT NEWBORN)

(AIR)

ZNAMENACEK, Karel

Drainage bed for newborn infants. *Cesk. gyn.* 24[38] no.5:385-387
June 59.

1. Ústav pro péči o matku a dítě v Praze-Podolí, Ředitel prof. dr.
Jiri Trapl, vedoucí ped. úseku prim. dr. K. Kolacek.

(INFANT, NEWBORN)

drainage bed for newborns (Cs))

Znamenacek, Karel

HOBSKY, Jan, MUDr.; ZNAMENACEK, Karel, MUDr.

Clinical causes of damages to central nervous system of fetus during delivery. Cesk. pediat. 13 no.1:32-38 5 Jan 58.

1. UPMD Praha-Podoli, reditel prof. Dr. J. Trapl, prednosta pediatrickeho useku prof. Dr. K. Kubat.

(DELIVERY, compl.

birth inj. of CNS (Cz))

(CENTRAL NERVOUS SYSTEM, wounds and injuries,

birth inj. (Cz))

ZNAMENACHEK, K.; ALDOVA, E.

Air-borne infections in newborn. *Pediat. listy, Praha* 7 no.6:321-325 Nov-Dec 1952. (GLML 24:2)

1. Of the Pediatric Department (Head--Docent Kamil Kubat, M.D.) of the Institute of Mother and Child Welfare (Director--J. Trapl, M.D.) and of the Microbiological Department (Head--Docent Karel Haska, M.D.) of State Health Institute, Prague.

ZHAMENACEK, K.

Organization of wards for newborn; resuscitation in
asphyxia. Pediat. listy 6 no.3:177-179 May-June 1951.
(CML 20:11)

1. Of the Institute of Care for Mother and Child in Prague-
Podole (Director -- Prof. J. Trapl), Head of the Pediatric
Division Docent K. Kubat, M.D..

ZNAMENACEK, K.; PRIBYLOVA, H.; SABATA, V.

The influence of prenatal glucose infusion on carbohydrate metabolites and on the oxygen consumption of newborn infants. Cesk. pediat. 20 no.3:339-342 Mr '65

1. Anstalt für Mitter und Kinderfürsorge, Prag.

PRIBYLOVA, H.; ZNAMENACEK, K.

Changes in some functions of the newborn following
the administration of chlorpromazine. Rev czech med
9 no. 2:94-102 '63.

1. Institute for the Care of Mother and Child in Prague-
Podolf, Director of Paediatric Research: Doc. Karel
Polacek, C.Sc.

(CHLORPTOMAZINE) (TISSUE METABOLISM)
(BODY TEMPERATURE REGULATION) (RESPIRATION)
(PHYSIOLOGY) (PHARMACOLOGY)

BERNATHOVA, M.; ZNAMENACEK, K.

Clinical review of 117 newborn infants of diabetic mothers over a 10-year period at the Institute for Maternal and Child Care in Prague. *Cesk. pediat.* 19 no.1:30-34 Ja 64.

1. Ustav pro peci o matku a dite v Praze; reditel: doc.dr. M. Vojta; ved.pediat vyzkumu: doc.dr.K.Polacek, CSc.

4

ZNAMENACEK, K.

SURNAME, Given Names

Country: Czechoslovakia

Academic Degrees: /not given/

Affiliation:

Source: Bratislava, Lekarsky Obzor, Vol X, No 3, 1961; pp 491-494

Data: "Some Observations made in Paris Hospitals"

2

✓ KLIMENT, V.; MD, Head (prednosta) Department of Obstetrics and Gynecology
(Gynekologicko-porodnicke oddeleni) City Hospital (Mestna Nemocnica) Bratislava

✓ ZNAMENACEK, K.; Institute for the Care of the Mother and Child (Ustav
pece o matku a dite) Praha-Podoli

ZNAMENACEK, Karel, C. Sc.

Recent therapeutic methods in newborn wards. Cesk. gyn. 26[40]
no.4:323-325 '61.

1. UPMD, Praha-Podolf, reditel doc. M. Vojta, vedouci pediatrickeho
useku K. Polacek, C. Sc.

(STAPHYLOCOCCAL INFECTIONS in inf & child)
(INFANT NEWBORN dis)

ZNAMENACEK, K.

Appearance of intrapulmonary "hyaline" membranes in preterm
(premature) children. Pediatrics 38 no. 3:38-52 Mar '60.

(MIRA 14:1)

(LUNGS--DISEASES)

ZNAMENACEK, K.; SYRUCEK, L.; JELINKOVA, J.

Microbiological control in day nurseries. *Pediat. listy, Praha 8 no.2:*
97-101 Apr 1953. (CML 25:1)

1. Of the Institute of Mother and Child Welfare (Head--Prof. J. Trapl, M.D.); Department of Pediatrics (Head--Docent K. Kubat, M.D.) and of the Institute of Epidemiology and Microbiology (Director--Docent K. Raska, M.D.), Prague.

ZNAMENACEK, K.

Photography and phonography in medicine. Cesk. nemoc. 20 no.7-10:121-124 Sept-Dec 1952. (CML 23:4)

1. Of the Institute of Mother and Child (Director--Prof. Jiri Trapl, M.D.), Prague.

KUBAT, Kamil, Doc., Dr.; POLACEK, Karel, Prim. Dr.; ZNAMENACEK, Karel, Dr.

Anoxic syndrome in newborn (asphyxia neonatorum). Cesk. gyn. 19 no. 5:301-311 Sept 55.

1. Ustav pro peci o matku a dite: reditel prof. Dr. J. Trapl,
nositel Radu republiky.
(ASPHYXIA, NEONATORUM,)

HORSKY, Jan, MUDr; ZEMENACEK, Karel, MUDr

Birth injury of the central nervous system. Cesk.gyn. 19 no.6:392-401 Nov 55.

1. Ustav pro peci o matku a dite, Praha, reditel prof. Dr J.Trapl.
(CENTRAL NERVOUS-SYSTEM, wounds and injuries,
birth inj.)
(DELIVERY, complications
birth inj., CNS)

ZNAMENACEK, K.

Resuscitation in newborn infants. Cesk. pediatri. 19 no.9:
790-796 S '64.

1. Ustav pro peči o matku a dite v Praze (reditel doc. dr.
M. Vojta; vedouci pediatrického výzkumu doc. dr. K.
Polacek, CSc.).

ZNAMENACEK, K.

ZNAMENACEK, K.; JIRSOVA, V.

Neurological examination of the newborn with CNS trauma.
Cesk. pediat. 11 no.11:830-831 Nov 56.

1. UPMD Praha-Podoli.. Reditel prof. Dr. J. Trapl. Vedouci
pediatrickeho useku: doc. K. Kubat.

(CENTRAL NERVOUS SYSTEM, wds & inj.

in newborn, diag. methods (Cz))

(INFANT, NEWBORN, dis.

CNS inj., diag. methods (Cz))

ZNAMENACEK, K.
FOSCHL, O.; ZNAMENACEK, K.

Purulent eye secretions in newborn and Crede's method.
Cesk. pediat. 12 no.3:217-221 Mar 57.

1. Ustav pro peci o matku a dite v Frane-Podoli. Reditel prof.
Dr. J. Trapl, vedouci pediatrickeho sektoru doc. Dr. K. Kubat.
(OPHTHALMIA NEONATORUM, prev. & control
antibiotic & antiseptic eye drops (Ca))
(ANTIBIOTICS, ther. use
ophthalmia neonatorum, prev. eye drops (Ca))
(ANTISEPTICS, ther. use
same)

ZNAMEHACEK, Farel

Incidence of hypotrophy in prolonged pregnancy. Cesk. gyn. 24[38]
no.8:596-598 0 '59.

1. Ustav pro peci o matku a dite v Praze-Podoli, reditel doc. dr.
M. Vojta, zasl. lekar CSR. vedouci pediat. useka dr. K. Polacek.
(PREGNANCY)
(INFANT NEWBORN dis.)

ZNAMENACEK, K.; MELICHAR, V.

Protective regime and inhibition therapy in the care of premature infants. Rev. Czech. M. 6 no.1:15-20 1960

1. Institute for the Care of Mother and Child, Prague. Director:
Prof. J. Trapl. Chief of Pediatric Section: K. Polacek, M.D.
(INFANT, PREMATURE)

ZNAMEŇACEK, K.; PRIBYLOVA, H.

Effect of labor on the respiratory index in newborn children.
Česk. pediat. 19 no.6:510-512 Je'64

Development of pulmonary ventilation in newborn infants in relation to temperature. Ibid.: 513-517

1. Ustav pro péči o matku a dítě v Praze; reditel: doc. dr. M.Vojta, a vedoucí pediatrického úseku doc. dr. K.Polacek, CSc.

BENISOVA, D.; ZHAMENACEK, K.; MELICHAR, V.

Methodology and classification in clinico-pathological studies
of perinatal trauma in newborn infants, Rev. Czech. M. 6 no.1:
21-26 1960

1. Department of Paediatric Pathology, Charles University, Prague.
Director: Dozent D. Benisova, Institute for Care of Mother and Child,
Prague. Director: Prof. J. Trapl, Chief of Paediatric Section K,
Polacek, M.D.

(BIRTH INJURY, statist.)

KOROL', A.N.; ZNAMENSKAYA, N.B.; LOSEV, L.P.

Automatic determination of moisture in gas with Fischer's reagent.
Zav.lab. no.11:1305-1307 '59. (MIRA 13:4)
(Gases-- Analysis) (Moisture)

ZNAMENACEK, Karel

Postmaturity in newborn. Cesk. pediat. 12 no.5-6:508-518
May-June 57.

1. UPMD Praha-Podoli, reditel prof. Dr. J. Trapl, vedouci
pediatrickeho useku prof. Dr. K. Kubat.
(INFANT, NEWBORN
postmaturity, review (Cz))

KITTRICH, Miroslav; ZNAMENACEK, Karel.

Govjanov's method of management of pelvic presentation. *Cesk. gyn.* 24[38]
no.3:174-181 Mar 59.

1. Ustav pro peci o matku a dite v Praze-Podoli, reditel prof. dr. J.
Traplved, ped. sekce dr. K. Polacek, M. K. HEMD, nahr. K. Marx 157,
Praha-Podoli.

(LABOR PRESENTATION,

pelvin, Govjanov's method of management: (Cz))

ZNAMENACHEK, Karel [Znamenáček, K.]

Late anoxic syndrome (postnatal asphyxia, asphyxia praematurorum).
Pediatria 38 no.10:15-19 0 '60. (MIRA 13:11)

1. Iz Instituta ochrany materi i rebenka Fragi - Podoli (dir. -
prof. I. Trapl, rukovoditel' pediatricheskoy chasti - prof.
K. Kuubat).

(ASPHYXIA NEONATORUM)

DYKOVÁ, H.; TICHÝ, M.; KNEDLHANSOVÁ, E.; technická spolupráce: ZNAMENÁČKOVÁ, M.;
JIROUSKOVÁ, L.; KUBALOVÁ, J.; ZAMAZALOVÁ, T.

Quantitative changes in the bacterial flora during the course of
antibiotic therapy of cervicitis in sterile women. Cas.lek.cesk.
99 no.35:1092-1098 26 Ag'60.

1. Ustav pro peci o matku a dite, Praha-Podoli, prednosta doc.
dr. M.Vojta.

(ANTIBIOTICS ther)
(CERVICITIS ther)
(STERILITY FEMALE etiol)

DYKOVÁ, H.; TICHÝ, M.; KNEŽIHOVÁ, E. Technická spolupráce: ZNAMENÁČKOVÁ, H.;
JIRŮSKOVÁ, L.; KUBALOVÁ, J.; ZAMAZALOVÁ, T.

Sensitivity changes in the bacterial flora during the course of
antibiotic therapy of chronic cervicitis. Cas. lek. česk. 99 no. 35:
1098-1103 26 Ag'60.

1. Ústav pro péči o matku a dítě, Praha-Podolí, reditel prof.
MUDr. Jiri Trapl.

(CERVICITIS ther)
(ANTIBIOTICS ther)

ZNAMENACEK, K.; NEPIL, J.; ROUSAROVA, J.

Experiences with prevention of staphylococcal infections in the
Institute for Maternal and Child Care. Cesk. pediat. 17 no.1:71-74
Ja '62.

1. Ustav pro peci o matku a dite v Praze-Podoli, reditel doc. dr.
Miroslav Vojta, prednosta pediatrickeho useku MUDr. Karel Polacek.

(STAPHYLOCOCCAL INFECTIONS prev & control)

ZNAMENACEK, K.; JANATA, V.; BYDZOVSKY, V.; HORADKOVA, Z.

New methods of prophylaxis against staphylococcal infections in the newborn. Cesk pediat 17 no.2:177-180 F '62.

1. UPMD Praha Podoli, reditel ustavu doc. dr. M. Vojta, VUFB Praha Vinohrady, reditel inz. dr. O. Nemecek.

(STAPHYLOCOCCAL INFECTIONS in inf & child)
(INFANT NEWBORN diseases)

ZNAMENACEK, K.

ZNAMENACEK, K.

~~XXXXXXXXXXXXXXXXXXXX~~

Care of premature infants in the lowest birth weight group.
Pediat. listy 5:5, Sept.-Oct. 50. p. 276-9

1. Of the Clinic for Infant Welfare in Prague--Podols (Head--
Docent Kamil Kubat, M. D.).

CLNL 20, 3, March 1951

ZHAMENACEK, Karel, MUDr.; MELICHAR, Vaclav, MUDr.

Treatment of premature infants with depressant drugs.
Cesk. pediat. 11 no.1:15-27 Feb 56.

1. Z Ustavu pro peci o matku a dite v Prase-Podoli, red. prof.
Dr Jiri Trapl, vedouci pediatrickeho vyskumu doc. Dr. Kamil Kubat.
(INFANT, PREMATURE, ther. dis.
ther., allobarbital & chlorpromazine)
(BARBITURATES, ther. use
allobarbital, ther. in dis. of premature inf.)
(CLOFPROMAZINE, ther. use
dis. of premature inf.)

ZHAMENACEK, Karel, MUDr.; MELICHAŘ, Václav, MUDr.

Care of premature infants during the first hours after birth.
Cesk.pediat. 11 no.2-3:166-169 Mar 56.

1. Z Ustavu pro peči o matku a dítě v Praze-Podolí, reditel
prof. Dr. Jiri Trapl. vedouci pediatrického výzkumu doc.
Dr Kamil Kubat.

(INFANT, PREMATURE
care in first hours after birth)

MELICHAR, Vaclav, MUDr; ZNAMENACEK, Karel, MUDr

Artificial hibernation. Cesk.pediat. 10 no.4:299-308 May 55.

1. Ustav pro peči o matku a dite v Praha-Podoli, reditel prof.
Dr. Jiri Trapl. vedouci pediatrickeho vyzkumu doc. Dr. Kamil Kubat.
(HIBERNATION, artificial)

ZNAMENACEK, Karel, Dr.

Birth injuries of newborn. Gyermekgyógyászat 9 no.8-9:258-267 Aug-Sept 58.

1. Anya- és Gyermekgondozó Intézet, Praha-Podolí (Igazgató: prof. Dr. Jiri Trapl) Gyermekosztálynak (Főorvos: Dr. H. Kubat) közleménye.
(BIRTH INJURY
diag. & progn. (Hun))

ZNAMENACHEK, K. [Znamenacik, K.]

Pathology of the central nervous system in newborn infants.
Pediatria 39 no.3:17-22 Mr '61. (MIRA 14:4)

1. Iz Instituta ochrany materinstva i detstva v Frage-Podoli
(dir. - prof. I. Trapl', rukovoditel' pediatricheskogo sektora -
prof. K.Kubat).

(INFANTS (NEWBORN)---DISEASES) (BRAIN---DISEASES)

L 45355-66 ENP(j)/T IJP(c) RM

ACC NR: AP6033602

SOURCE CODE: CZ/0043/66/000/001/0018/0027

AUTHOR: Staudner, Emil--Shtaudner, E. (Engineer; Bratislava); Beniska, Jozef--
Beniska, Y. (Docent; Engineer; Candidate of sciences; Bratislava); Znamenakova,
Gabriela (Engineer; Bratislava) 42
B

ORG: Department of Organic Technology, Slovak Technical University, Bratislava
(Katedra organickej technologic Slovenskej vysokej skoly technickej)

TITLE: Influence of S compounds on the polymerization of vinyl monomers (I). The
influence of tetramethylthiuramdisulfide on the polymerization of styrene

SOURCE: Chemicke zvesti, no. 1, 1966, 18-27

TOPIC TAGS: styrene, polymerization kinetics, monomer, vinyl compound, reaction,
rate, organic sulfur compound

ABSTRACT: Polymerization kinetics of styrene in the presence of tetramethylthiuram-
disulfide (TMTD) in concentration of 2.11×10^{-4} to 0.167 mol/liter were investigated
at temperatures of 80, 95, 115, and 130°C. The increase in the rate of polymeriza-
tion is not a linear function of the amount of TMTD present. *Mathematical*
expressions of this influence are discussed. Orig. art. has: 7 figures, 10 formulas
and 1 table. [Based on authors' Eng. abstr.] [JPRS: 34,805]

SUB CODE: 07 / SUBM DATE: 23Jul65 / ORIG REF: 002 / SOV REF: 004

Card 1/1

ZNAMENCK, R.T.

Coordinating conference on the automation of mining machines.
Ugol' 40 no.1:80-81 Ja '65. (MIRA 18:4)

ZNEBENSAYA, M.

"Diagnostical differentiation between serious and tubercular meningitis", p. 72
(Analele Romano-Sovietice, Seria Pediatrie., Series a III-a, v. 6, no. 2, Mar./Apr.
1953 Bucuresti)

East European Vol. 2, No 9

SO: Monthly List of ~~Russian~~ Accessions, Library of Congress, September 1953, Uncl.

ЗНАМЕНЩИКОВ, А.
ZNAMENSHCHIKOV, A.

Reasons for frequent idling of mining machinery. Mast. ugl. 4
no. 8:14 Ag'55. (MIRA 8:10)

1. Brigadir prokhodchikov shakhty "Vostochnaya" kombinata Vost-
sibugol'

(Coal mining machinery)

ZNAMENSHCHIKOV, G.I.

Znamenshchikov, G.I. "An example of the calculation of the average numerical characteristics of relief in the preparation of a map at 1:50,000, Trudy Nauchno-issledovatel'skogo instituta inzhenerov geodezii, aerofotos" Zemli i kartografi, Vol. II, 1948, p. 107-16, -Bibliog: 7 items.

SO: U-3042, 11 March 53, (Letopis 'nykh Statey, No. 9, 1949)

EVSEVICHENKOV, G. I.

Cand Tech Sci

Dissertation: "Methods for Morphometric Characteristic of the Relief of Terrain,"

9/6/50

Moscow Inst of Engineers of Geodesy, Aerial Photography and Cartography

SO Vecheryaya Moskva
Sum 71

ZNAMENSHCHIKOV, G. I. (Docent.)

"On the Reducing of the Length of Curved Lines Measured on Maps to the Scale of 1: 1".

(Here it is shown that the method developed by Prof. N. M. Volkov has some basic faults)

XII

report presented at the Scientific and Technical Conference, Novosibirsk Inst. of Engineers of Geodesy, Aerial Photography, and Cartography, 15-22 Feb 58 (Geodeziya i Kartografiya, '58, 4, 79-80)

S/035/62/000/001/028/038
AOO1/A101

AUTHOR: Znamenshchikov, G.I.

TITLE: On changes in lengths of curved lines on topographic maps in connection with their generalization

PERIODICAL: Referativnyy zhurnal. Astronomiya i Geodeziya, no. 1, 1962, 24, abstract 10169 (V sb. "Vopr. kartografii", Novosibirsk, 1961, 37-55)

TEXT: The author describes the results of an investigation of the effect of cartographic generalization on the length of objects pictured by curve lines. He describes the method proposed by him for obtaining on maps reliable lengths of curves, using thread metallic model-standards. As a result of experimental works, a systematic shortening of the lengths of rivers and horizontals (from 5 to 40%) relative to the standard on the 1:25,000 scale map was noted with decreasing scales of topographic maps - 1:50,000; 1:100,000; 1:200,000; 1:500,000; 1:1,000,000.

I. Mityachkin ✓

[Abstracter's note: Complete translation]

Card 1/1

S/035/62/000/001/031/038
A001/A101

AUTHOR: Znamenshchikov, G.I.

TITLE: On some proposals for improving the existent methods of measuring curve lines on maps

PERIODICAL: Referativnyy zhurnal. *Astronomiya i Geodeziya*, no. 1, 1962, 25, abstract 1G178 (V sb. "Vopr. kartografii", Novosibirsk, 1961, 77-101)

TEXT: The author considers various methods of precision measurement of the length of curves on maps, in particular he critically evaluates the methods described in the following works: by Volkov, N.M. "A new method of measuring river lengths on maps" (*Izv. AN SSSR, Ser. geogr. i geofiz.*, 1949, v. 13, no. 2); by Volkov, N.M. "On measuring lengths of rivers on maps" (*Tr. NIIGAik*, 1952, 5); by Znamenshchikov, G.I. "Estimating the accuracy of measuring river lengths on topographic maps by the Gidrometsluzhba method" (*RZhAstr*, 1961, 7G180); by Znamenshchikov, G.I., Parkhomenko, N.N. "On taking into account sinuosity while measuring the length of curves on maps" (*RZhAstr*, 1957, no. 12, 9922); by Malovichko, A.K. "On measuring on maps of curve lines" (*Geodeziya i kartografiya*, 1958, no. 8); by Chernyayeva, F.A. "On the problem of determining lengths of sinuos lines on

Card 1/2

On some proposals for improving ...

S/035/62/000/001/031/038
- ACO1/A101

maps by means of dividers" (RZhAstr, 1959, no. 2, 1488). The author points out that the analytical method of allowance for sinuosity of curves proposed by N.M. Volkov is inadequate in view of its low precision. Methods proposed by F.A. Chernyayeva and A.K. Malovichko are very labor-consuming, and the accuracy is improved only slightly. The method employed by Gidrometsluzhba is, in the author's opinion, the most suitable, although it also increases labor consumption in cartometric work and calls for the further development for increasing its accuracy.

I. Mityachkin ✓

[Abstracter's note: Complete translation]

Card 2/2

ZNAMENSHCHIKOV, G.I.

Measuring the length of curved lines on maps by the use of optical instruments. Izv.vys.ucheb.zav.; geod.i aerof. no.1.109-121 '61.
(MIRA 14:6)

1. Novosibirskiy institut inzhenerov geodesii, aerofotso'yemki i kartografii.

(Cartometry)

ACCESSION NR: AR4023283

S/0270/64/000/002/0033/0033

SOURCE: RZh. Geodeziya, Abs. 2.52.158

AUTHOR: Znamenshchikov, G. I.

TITLE: On errors of position of planimetric points, caused by generalization, on homogeneous topographic maps

CITED SOURCE: Sb. Vopr. kartografii. Novosibirsk, 1962(1963), 12-16

TOPIC TAGS: geodesy, cartography, mapping, topography, topographic mapping

TRANSLATION: A method is given for estimating the accuracy of position of contours of rivers and contour lines on a topographic map with a scale of 1:50,000 relative to their positions on a map with a scale of 1:25,000. Data from measured deviations of the contours being compared are given, which are shown in pigments of a different color on a copy superimposed on a type form of a map of the same scale in the boundaries of a map with a scale of 1:25,000. As a result of the processing of the measurement materials of the maximum

1/3

Card

ACCESSION NR: AR4023283

deviations $\Delta_1, \Delta_2, \dots, \Delta_n$ of the points on the contour, on a map with a scale of 1:50,000, with the application of the following formula for calculating the mean square error:

$$m = \pm \sqrt{\frac{[P\Delta^2]}{n-1}}$$

the formula being reduced to this form:

$$m = \pm \sqrt{\frac{P \left(\frac{\Delta}{2}\right)^2}{n-1}}$$

the mean square errors of position of the rivers and contour lines relative to their positions on the map turned out to be equal to ± 0.33 mm for the rivers and ± 0.45 mm for the contour lines. With a consideration of errors of superposition when superimposing copies upon type forms, equal to ± 0.36 mm, and errors originating in the process of cartographic generalization, the errors mentioned obtain the following values: for the rivers ± 0.49 mm, for the contour lines ± 0.56 mm, which approximately corresponds to the general error

Card 2/3

ACCESSION NR: AR4023283

accepted, according to investigations published in the literature, for compilation and quality of initial materials on a map with a scale of 1:50,000, equal to ± 0.46 mm. I. Mityachkin.

DATE ACQ: 06Mar64

SUB CODE: AS

INCL: 00

Card 3/3

ZNAMENSKAYA, A. A.

USSR/Farm Animals - Silk-Worms.

Q-9

Ass Jour : Ref Zhur - Biol., No 1, 1958, 2699

Author : A.A. Znamenskaya

Inst : -

Title : The Effect of a Supplementary Feeding of Mulberry Silk-Worms on the Technological Properties of Silk, During an Accelerated Method of Raising the Worms.

Orig Pub : Tr. Turkm. s-kh. in-ta, 1956, 8, 253-256

Abstract : During the entire development period of the caterpillars, the feed was sprayed with a 2% solution of saccharase or glucose in amounts estimated at two percent of the weight of the fresh leaves. The feeding was conducted at an accelerated tempo: caterpillars of I-II, III-IV and V ages were fed accordingly every one and a half, two and three hours, around the clock. Temperatures were maintained at 28-30, 26-29, and 24-26° (winding of the cocoons at temperatures of 21-23°), and a humidity of 60-65 (I-II) and

Card 1/2

KANTOR, Aleksandr Vasil'yevich. Prinimel uchastiye DUL'KIN, S.Ya.,
inzh.; ZNAMENSKAYA, A.M., doktor tekhn. nauk, retsenzent;
GROSMAN, B.F., inzh., retsenzent; BRONTMAN, D.K., kand.
tekhn. nauk, red.; BURAKOVA, O.N., red.; ORESHEKINA, V.I.,
tekhn. red.

[Equipment and methods for measurements in testing rockets]
Apparatura i metody izmerenii pri ispytaniakh raket. Mo-
skva, Oberongiz, 1963. 519 p. (MIRA 1712)

ZNAMENSKAYA, A. M.

"Instruments and methods of measurement for testing of supersonic aircraft."

Report to be submitted at the 3rd International Flight Test Instrumentation Symposium, The College of Aeronautics, Cranfield, Bletchley, Buckinghamshire, England, 13-16 Apr 64.

ZNAMENSKAYA, A. N.

Znamenskaya, A. N.

"A Study of the Development of Temporary Connections in Relation to Spatial Stimuli in Young Children." Inst of Physiology imeni I. P. Pavlov, Acad Sci USSR, Leningrad, 1955 (Dissertation for the degree of Candidate in Medical Science)

SO: Knizhnaya letopis' No. 27, 2 July 1955

DECTYAR', Ye.N.; ZHAMENSKAYA, A.N.; KOL'TSOVA, M.M.

Physiological mechanisms of certain forms of generalization in young children. Trudy Inst.fisiol. 8:35-38 '59. (MIRA 13:5)

1. Laboratoriya nevrofiziologicheskikh problem (zaveduyushchiy - K.M. Bykov [deceased]) Instituta fiziologii im. I.P. Pavlova AN SSSR.

(CEREBRAL CORTEX)

ZNAMENSKAYA, A.N. [Znamens'ka, A.N.]

Role of analyzer systems in the formation of conditioned response to spatial arrangement of objects in children during their first year of life. Fiziol. zhur. [Ukr.] 6 no.6:730-737 H-D '60.

(MIRA 14:1)

1. Laboratory of Neurophysiological Problems of I.P.Pavlov
Institute of Physiology of the U.S.S.R. Academy of Sciences,
Leningrad.

(CONDITIONED RESPONSE)

(SPACE PERCEPTION)

ZNAMENSKAYA, A.N.

Physiological mechanisms of one of the forms of generalization in children. Zhur. vys. nerv. delat. 10 no. 5:685-691 S-0 '60.
(MIRA 13:12)

1. Institut fiziologii im. I.P. Pavlova Akademii nauk SSSR.
(CONDITIONED RESPONSE)

ZNAMENSKAYA, A. N., KOLTSOVA, M. M., DEGTYAR, Ye. N.,

"The Physiological Mechanisms of Several Forms of Generalization in Children
of an Early Age"

To be submitted for the Conference on Basic Cognitive Processes in Children, Minneapolis,
Minnesota, 21-23 April 1961.

ZARAFIENSAIA, A. N.

"The Characteristic of Switch of Conditioned Reflex Activity in Children"

To be submitted for the Conference on Basic Cognitive Processes in Children, Minneapolis, Minnesota, 21-23 April 1961.

ZNAMENSKAYA, A.N.

Interaction between the varying character of conditioned connections
in the process of switch-over formation. Zhur. Vys. nerv. deiat. 11
no.4:645-650 J1-Ag '61. (MIRA 15:2)

1. Laboratory of Physiology of Children's Higher Nervous Activity,
Pavlov Institute of Physiology, U.S.S.R. Academy of Sciences, Leningrad.
(CONDITIONED RESPONSE)

ZNAMENSKAYA, A.N.

Comparative characteristics of the physiological conditions in elaborating a switch-over in the first and second signal systems in the child. Zhur.vys.nerv.deiat. 12 no.1:69-73 Ja-F '62.

(MIRA 15:12)

1. Laboratory of Physiology of Children's Higher Nervous Activity, Pavlov Institute of Physiology, U.S.S.R. Academy of Sciences, Leningrad.

(CONDITIONED RESPONSE)

ZNAMENSKAYA, A.N.

Role of certain analysors in the development of a conditioned
shirting in the first and second signal systems. Zhur. vys.
nerv. deiat. 13 no.6:1010-1017 N-D '63. (MIRA 17:7)

1. laboratoriya fiziologii vysshey nervnoy deyatel'nosti rebenka
Instituta fiziologii imeni Pavlova AN SSSR.

ZNAMENSKAYA, A.N.

Characteristics of the generalizing action of the reversing agent
in children. Nauch.sob. Inst.fiziol. AN SSSR no.3141-43 '65.

(MIRA 1815)

1. Laboratoriya vysshey nervnoy deyatel'nosti rebenka (zav. -
M.M.Kol'tsova) Instituta fiziologii AN SSSR.

ZNAMENSKAYA, A.N.

Role of signal systems in the development of conditioned reflexes to the spatial disposition of objects in children at the age of 2 to 4 years. Trudy Inst. fiziol. 10:28-34 '62 (MIRA 17:3)

1. Laboratoriya neyrofiziologicheskikh problem (zav. - K.M. Bykov [deceased]) Instituta fiziologii imeni Pavlova AN SSSR

ZNAMENSKAYA, A. P.: Master Chem Sci (diss) -- "The development of methods of analyzing and investigating the chemical composition of the liquid products of pyrolysis of ethane and of the propane-propylene fraction". Moscow, 1958.

8 pp (Min Higher Educ USSR, Moscow Inst of Fine Chem Technology Im M. V. Lomonosov), 150 copies (KL, No 4, 1959, 121)

AUTHOR: Znamenskaya, A. P. 307; 64-58-4-4/20

TITLE: The Resin of the Pyrolysis of Hydrocarbon Gases (Smola piroliza uglevodorodnykh gazov)

PERIODICAL: Khimicheskaya promyshlennost', 1958, Nr 4, pp. 208-210 (USSR)

ABSTRACT: In the high-temperature pyrolysis of mineral oil products for the purpose of producing ethylene liquid products are formed which are called "pyrolysis resin". At present they are for the first time transformed under the by-production of benzene and toluene, they contain, however, still other valuable substances. At the Sumgait Plant SK it was found that 10-15 weight per cent of pyrolysis resin are produced and that they depend on the composition of the gases to be worked. In order to explain this connection the author pyrolyzed hydrocarbon mixtures of different compositions and mentioned the results in a table. It was observed that with increasing molecular weight of the gas mixture and with increasing concentration of the propylene the resin yield increases. In order to determine the composition of the resin it was subjected to fractional distillation, where

Card 1/2

7 The Resin of the Pyrolysis of Hydrocarbon Gases SOV/64-58-4-4/20

it was found that the ratio between the light hydrocarbons (which distill till 150°) and the heavier ones depends on the composition of the raw material just as well as the content of the benzene fraction does. The separation of the individual hydrocarbons met with difficulties; the methods by Swern (Ref 3) and Zimmerschied (Ref 4) for the separation of paraffin - naphthene hydrocarbons were used, and, combined with the fractional crystallization, chlorination, bromination etc. 30 different hydrocarbons were isolated and identified according to the usual methods. A table of the obtained substances is given. There are 3 tables and 5 references which are Soviet.

1. Hydrocarbons--Decomposition
2. Resins---Production
3. Resins--Fractionation
4. Hydrocarbons---Separation

Card 2/2

5(3)

AUTHORS:

Znamenskaya, A. P., Sokolov, A. V.

EOV/75-13-6-21/21

TITLE:

Determination of Hydroperoxide Compounds in Resin of Pyrolysis
(Opredeleniye gidroperekisnykh soyedineniy v smole piroliza)

PERIODICAL:

Zhurnal analiticheskoy khimii, 1958, Vol 13, Nr 6, pp 719-720
(USSR)

ABSTRACT:

Hydroperoxides can be determined by a number of methods (Refs 1-6) based on the reduction of peroxide and differing from one another by the type of reagent and solvent adopted. In this connection, considerable difficulties are caused by the presence of unsaturated compounds. In the case of large quantities of hydroperoxides to be determined in the presence of unsaturated hydrocarbons according to Wilson and Jull's method (Ref 3) with FeSO_4 , the results obtained are too low, and in the case of small quantities to be determined, the method is not suitable at all. Neither did the determination of hydroperoxide content in pyrolytic resins succeed by following a version of the method by Panyushkin and Gindin (Ref 7), owing to the formation of resin clods (polymers of unsaturated compounds) and the precipitation of potassium sulfate. The arsenite method (Ref 8)

Card 1/4

Determination of Hydroperoxide Compounds in Resin
of Pyrolysis

SOV/75-13-6-21/21

allows to determine hydroperoxides in the presence of unsaturated hydrocarbons. It is based on the reduction of the hydroperoxide with sodium arsenite and on the subsequent iodometric determination of the surplus arsenite. The reduction takes place in an alkaline solution in the presence of 95 % ethanol by heating in CO₂ atmosphere. Thereupon the solution is acidified, cooled in CO₂ atmosphere and extracted with chloroform. The aqueous solution is then cooled with ice, treated with sodium carbonate and titrated with a solution of iodine with starch. At the same time a blank test is carried out. In the case of small amounts of hydroperoxides an organic solvent is used to increase the sensitivity of the determination. The reddish-violet color of the solution of iodine in carbon tetrachloride or chloroform is still noticeable even with so small quantities of iodine, where the reaction with starch does no more occur. The hydroperoxide number (milliequivalents at active oxygen per liter of sampling) is calculated according to formula:

$$\frac{100 \cdot N \cdot (a-b)}{c}$$

Card 2/4

where a is the blank test iodine consumption in ml,

Determination of Hydroperoxide Compounds in Resin
of Pyrolysis

SOV/75-13-6-21/21

b the iodine consumption in ml for the sample titration,
c the volume of the sample under analysis, and N the normality
of the iodine solution. By the aid of this method, hydroperoxides
can be determined with the greatest accuracy in the presence of
unsaturated hydrocarbons. As the arsenite surplus is determined
only after extraction of the organic impurities from the reaction
mixture, the sample weighed portion can be very large. It is
therefore possible by this method to determine traces of
hydroperoxides, which are not traceable by the direct iodometric
method. A very accurate description is given of how this
determination method is realized. There are 1 table and 8
references, 2 of which are Soviet.

Card 3/4

Determination of Hydroperoxide Compounds in Resin
of Pyrolysis

SOV/75-13-6-21/21

ASSOCIATION: Nauchno- issledovatel'skiy institut sinteticheskikh spirtov i
organicheskikh produktov, Moskva
(Scientific Research Institute of Synthetic Alcohols and
Organic Products, Moscow)

SUBMITTED: October 2, 1956

Card 4/4

USCOMM-DC-60885

LIN, M.G.; MOROZOV, L.N.; ZNAMENSKAYA, A.S.

Germanium in granitoids of the Eastern Sayan Mountains. *Geokhimiya*
no.12:1066-1070 '62. (MIRA 16:9)

1. Institute of Geochemistry, Siberian Section of the Academy
of Sciences, U.S.S.R., Irkutsk.
(Sayan Mountains--Germanium) (Sayan Mountains--Granite--Analysis)

ACCESSION NR: AP4040604

S/0204/64/004/003/0487/0493

AUTHOR: Znamenskaya, E. N.; Nametkin, N. S.; Pritula, N. A.;
Oppengeym, V. D.; Cherny*sheva, T. I.

TITLE: Synthesis and properties of 1-silyl-4-(vinylsilyl)benzenes

SOURCE: Neftekhimiya, v. 4, no. 3, 1964, 487-493

TOPIC TAGS: organosilicon polymer, phenylene bridge, heat transfer
agent, lubricating oil

ABSTRACT: Two new 1-silyl-4-(vinylsilyl)benzenes, 1-(diethylsilyl)-
4-(diethylvinylsilyl)benzene (I) and 1-(methylphenylsilyl)-4-(methyl-
phenylvinylsilyl)benzene (II), have been synthesized, their physical
constants determined, and their polymerization studied. Organosilicon
compounds with phenyl groups in the backbone were of interest as
thermally stable substances suitable for such applications as lubri-
cating oils and heat-transfer agents. Synthesis was carried out in
two steps: 1) condensation of p-bromophenylmagnesium bromide with
the appropriate dialkyl- or diaryl-chlorosilane to form the

Card 1/2

ACCESSION NR: AP4040604

1-bromo-4-(dialkyl)- or 1-bromo-4-(diarylsilyl)-benzene and 2) reaction of the Grignard reagent from the latter with the appropriate alkyl- or aryl-chlorovinylsilane to form I or II in 28.4 and 35.0% yields, respectively. Polymerization of II (taken as an example) at 300C in the presence of Pt on C or at 280C without a catalyst formed straight-chain soluble polymers with $-\text{SiC}_6\text{H}_4\text{SiCH}_2\text{CH}-$ repeat units in the backbone in 82.3 and 68.4% yield and softening at 142—150C and 87—93C, respectively. The structure of the polymers was confirmed by IR spectroscopy. This work was done at the Institute of Petrochemical Synthesis, Academy of Sciences SSSR. Orig. art. has: 8 formulas, 2 tables, and 3 figures.

ASSOCIATION: Institut neftekhimicheskogo sinteza AN SSSR im. A. V. Topchiyeva (Institute of Petrochemical Synthesis, AN SSSR)

SUBMITTED: 10Sep63

DATE ACQ: 06Jul64

ENCL: 000

SUB CODE: oc,gc

NO REF SOV: 006

OTHER: 007

Card 2/2

L 01305-67 EWT(m)/EWP(j)/T IJP(c) RM

ACC NR: AP5027229

(A)

SOURCE CODE: UR/0020/65/164/006/1319/1322

AUTHOR: Nametkin, N. S. (Corresponding member AN SSSR); Fritula, N. A.; Chernysheva, T. I.; Znamenskaya, E. N.

ORG: Institute of Petrochemical Synthesis im. A. V. Topchiyev, AN SSSR (Institut neftekhimicheskogo sinteza AN SSSR)

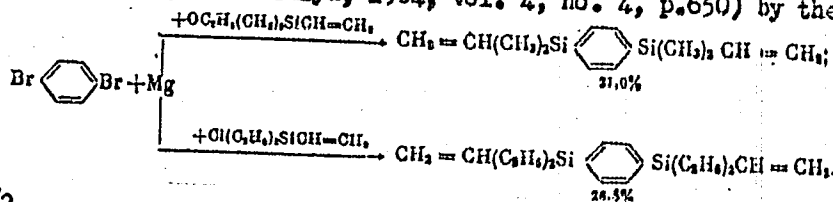
35
B

TITLE: Synthesis of 1,4-bis(diorganovinylsilyl)benzenes 1

SOURCE: AN SSSR. Doklady, v. 164, no. 6, 1965, 1319-1322

TOPIC TAGS: organosilicon compound, benzene, organic synthetic process

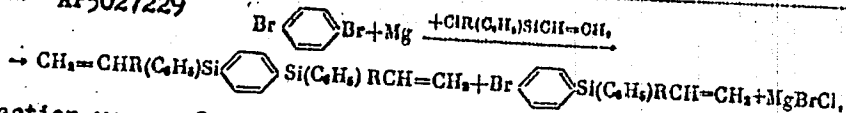
ABSTRACT: The newest achievements of the authors in the study of organosilicon compounds with a phenylene bridge between the silicon atoms are reported. A new group of p-disilyl substituted benzenes, the symmetrical 1,4-bis(diorganovinylsilyl)-benzenes, were prepared analogously to the method given by N. S. Nametkin, T. I. Chernysheva, et al. (Neftekhimiya, 1964, vol. 4, no. 4, p.650) by the scheme:



Card 1/2

UDC: 546.287

ACC NR: AP5027229



The reaction was performed in tetrahydrofurane (THF) with the molar ratio of components 1,4-B₂C₆H₄:Mg:XR'R'SiCH:CH₂ equal 1:~2.3:2. The physicochemical constants of the mono- and n-disilyl substituted benzenes are given in Table 1. The products obtained reacted with substituted silicon hydrides to give high-molecular-weight polymers. Orig. art. has: 1 fig. and 1 table.

Table 1. Physicochemical constants of mono- and n-disilyl substituted benzenes

Compound	boiling pt. C°/mm	d ₄ ²⁰		n _D ²⁰		MRD		mol. wt.		
		detd.	cal.	detd.	cal.	detd.	cal.	detd.	cal.	
CH ₂ =CH(C ₆ H ₅)Si(C ₆ H ₅)Si(C ₆ H ₅)CH=CH ₂	95/1	0,9123	1,5120	81,09	81,55	243	244	243	246,4	deter- mined
CH ₂ =CH(C ₆ H ₅)Si(C ₆ H ₅)Si(C ₆ H ₅)CH=CH ₂	126-137/1	0,9268	1,5218	89,54	89,89	301	300	301	302,3	
[CH ₂ =CH(OH)(C ₆ H ₅)Si(C ₆ H ₅)Si(C ₆ H ₅)CH=CH ₂]	191-192/8-10- 33	1,0248	1,5892	121,91	121,49	367	371	367	370,9	cal- calculated
CH ₂ =CH(C ₆ H ₅)Si(C ₆ H ₅)Si(C ₆ H ₅)CH=CH ₂	157-158	--	--	--	--	134	137	134	136,7	
Br-C ₆ H ₄ -Si(C ₆ H ₅)Si(C ₆ H ₅)CH=CH ₂	143-144/1	1,2387	1,5017	81,89	81,61	299	305	299	301,8	
Br-C ₆ H ₄ -Si(C ₆ H ₅)Si(C ₆ H ₅)CH=CH ₂	203-204/1 99-31	--	--	--	--	150	151	150	305,3	

Card 2/2

SUB CODE: 07/ SUBM DATE: 07May65/ ORIG REF: 007/ OTH REF: 008

L 32659-66 EWT(m)/EWP(j)/T IJP(c) RM

ACC NR: AP6015057

(A)

SOURCE CODE: UR/0190/66/008/005/0921/0925

44

AUTHOR: Nametkin, N. S.; Chernysheva, T. I.; Pritula, N. A.; Znamenskaya, E. N.

8

ORG: Institute of Petrochemical Synthesis, AN SSSR (Institut neftekhimicheskogo sinteza AN SSSR)

TITLE: Oligomeric organosilicon compounds with phenylene links

SOURCE: Vysokomolekulyarnyye soyedineniya, v. 8, no. 5, 1966, 921-925

TOPIC TAGS: acetylene, benzene, ~~polymer~~, polymer chemistry, organosilicon compound, *LINEAR POLYMER, OLIGOMER*

ABSTRACT: Exemplified by the interaction of 1,4-bis-(diorganosilyl) benzenes with acetylene and 1,4-bis-(diorganovinylsilyl) benzenes with silicon dihydroderivatives, the principal method of obtaining the linear polymeric products with phenylenecarbon and phenylenesilicon/lines was demonstrated. Orig. art. has 3 figures and 1 table.

[NY]

SUB CODE: 11, 07/ SUBM DATE: 24May65/ ORIG REF: 011/ OTH REF: 005

Card 1/1

BLG

NAMETKIN, N.S.; PRITULA, N.A.; CHERNYSHEVA, T.I.; ZNAMENSKAYA, E.N.

Synthesis of 1,4-bis-(diorganovinylsilyl)-benzenes. Dokl. AN SSSR
164 no.6:1319-1322 0 '65. (MIRA 18:10)

1. Institut neftekhimicheskogo sinteza im. A.V.Topchiyeva AN SSSR.
2. Chlen-korrespondent AN SSSR (for Nametkin)

SKRIPCHENKO, Ye.S., kand.tekhn.nauk; ORLOVA, K.I.; ZNAMENSKAYA, G.A.

Solubility of hydrocarbons and of some cation-forming surface active agents in aqueous solutions of synthetic cleaning compounds. Masl.-zhir.prom. 26 no.12:27-29 D '60. (MIRA 13:12)

1. Moskovskiy filial Vsesoyuznogo nauchno-issledovatel'skogo instituta zhirov.
(Cleaning compounds) (Surface active agents)
(Hydrocarbons)

4 42/8-66 EMT(m)/EPT(a)/X DJ 11

ACC NR. AP5024389 SOURCE CODE: UR/0285/65/000/015/0068/0068

INVENTOR: Skripchenko, Ye. S.; ⁴⁴⁵⁵ Naumenko, P. V.; ⁴⁴⁵⁵ Podol'skaya, M. E.; ⁴⁴⁵⁵ Orlov, K. I.;
 Balagin, I. S.; ⁴⁴⁵⁵ Sventokhovskaya, V. K.; ⁴⁴⁵⁵ Dyushav, I. K.; ⁴⁴⁵⁵ Borochenko, S. I.; ⁴⁴⁵⁵ Klinskovich,
 V. V.; ⁴⁴⁵⁵ Chamin, X. B.; ⁴⁴⁵⁵ Kabantsev, A. A.; ⁴⁴⁵⁵ Tarlinskiy, D. I.; ⁴⁴⁵⁵ Karyan, V. V.; ⁴⁴⁵⁵ Tokar,
 I. K.; ⁴⁴⁵⁵ Znamenakaya, G. A.; ⁴⁴⁵⁵ Koritukiy, G. K.

ORG: none 82
8

TITLE: Method of obtaining liquid lubricant-coolant for rolling thin steel strips.
 Class 23, No. 173369

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 15, 1963, 68

TOPIC TAGS: lubricant, coolant, liquid lubricant, rolling lubricant, cold rolling, strip rolling

ABSTRACT: This Author Certificate introduces a method for the preparation of a liquid coolant-lubricant based on methylenebisamide of synthetic fatty acid used, for instance, in rolling thin transformer or stainless-steel strips. To obtain a stable lubricant which would make it possible to roll the strips to a required thickness, an alkylsulfonate, alkylarylsulfonate, or hydroxyethyl amine of fatty acid containing five hydroxy radicals is added to the methylenebisamide of synthetic fatty acid. In a variant, the specified components are melted and then emulsified in water. [A2]

SUB CODE: FP, MN, IE/SUBM DATE: 21 Jun 61/ ORIG REF: 000/ OTH REF: 000/ AND PRESS: 4/28
 Card 1/1/2/1 UDC: 621.892:621.7.016.3

BRYUM, E.B.; ZNAMENSKAYA, I.V.

Case of tuberculosis with multiple localizations in an infant.
Vest. rent. i rad. 37 no.1:66-67 Ja-F '62. (MIRA 15:3)

1. Iz kliniki tuberkuleza rannego detskogo vozrasta (rukovoditel' -
prof. I.V. TSimbler) Instituta pediatrii AMN SSSR (dir. - deystvi-
tel'nyy chlen AMN SSSR prof. O.D. Sokolova-Ponomarova).
(TUBERCULOSIS)

27(0)

AUTHORS:

Gel'fman, Ye., Teacher of Mathematics. Bejosevo settlement,
Kaluzhskaya oblast', Znamenskaya, L., Candidate of
Philosophical Sciences

307/29-58-12-11/23

TITLE:

Power of Imagination (Sila vobrazheniya)

PERIODICAL:

Tekhnika molodezhi, 1958, Nr 12, pp 16-19 (USSR)

ABSTRACT:

In the preface to the article by Ye. Gel'fman L. Znamenskaya writes: All psychical processes are closely connected and dependent on one another. Actions of will cannot be carried out without first imagining an aim and the means for its attainment. In the mental activity of man, the setting up of tasks and problems is impossible without creative imagination. The following article by Ye. Gel'fman should be of interest for young readers. As the author says, concentrated thinking and a developed imagination are not only a great help in learning, in working and in any profession but they are powers making it possible to see into the future and making people go ahead on the way of progress. One of the most important instruments for developing these powers is arithmetical training. Science leads into a world of endless wonders ever happening in man

Card 1/4

Power of Imagination

SOV/29-58-12-11/23

and around him. But to few it is given to comprehend these wonders. The fault for this lies first in superficial and desultory thinking and second in the fact that knowledge is usually conveyed in a dry way. It is up to man himself to educate his thoughts to be able to comprehend, by means of imagination, the variety and abundance of life. Further, the author gives some examples as to how one can imagine astronomical conceptions. He mentions the Pavilion for Amusing Science in the Central Park for Culture and Recreation in Leningrad where an illustrative representation of a million is shown according to a proposal made by Ya. I. Perel'man. The sooner man will be able to imagine astronomical figures the more correct and clear will be his idea of the boundlessness of the universe. Further, he quotes from the psychology of Dr. I. Ivancv who designates imagination the most important presupposition for creative thinking. Imagination is especially developed with writers, actors, and inventors. With children it may be so strong that they even mistake imagination for reality. Scientists, engineers, and inventors relying wholly on their knowledge are always in advance with their thoughts thus meeting with the new. An example of

Card 2/4

Power of Imagination

SOV/29-58-12-11/23

strong imagination is given by N. A. Morozov who was imprisoned for 25 years in the fortress of Schluesselburg writing, in spite of it, on the complicated structure of the atom and atomic energy before many other physicists and chemists. The ability of developing one's imagination in a desired direction can be obtained by a special training. Such training is described in the book "Rabota aktera nad soboy" by K. S. Stanislavskiy, founder of the Moscow Artists' Theater. An active, creative intellect is not the privilege of man in higher professions. Of course, disciplined and concentrated thinking is necessary. The author quotes P. M. Yakobson, Docent, who asserts that certain emotions may grant to man unexpected powers and possibilities. This can be explained by the fact that there are energies hidden in man which are brought out in exceptional cases. Leytes, the Soviet psychologist, says the same with other words: Talent is not the blessing of few select personalities. On the contrary, talent is a general human property. Man should endeavor to avoid distracted thoughts. Guided thoughts facilitate mastering the difficulties of life, learning, and work. Scientists stress the importance of concentrated thinking. Each of them says

Card 3/4

Power of Imagination

SOV/29-58-12-11/23

in his own way that genius is nothing but permanent concentration. There are 7 figures.

Card 4/4

MATVEZEVA, Ye.P.; GAGARIN, P.K.; ZNAMIENSKAYA, L.A.

Biochemical composition of some meadow plants of the pari-herbaceous group. Bot. zhur. 49 no.6:875-877. 1964.

1. Botanicheskiy institut imeni V.I. Komarova AN SSSR, Leningrad.
(MIRA 17:10)

MATVEYEVA, Ye.P.; ZNAMENSKAYA, L.A.

Chemical composition and feed characteristics of dominant
plants in the haylands and pastures of Leningrad Province.
Trudy Bot. inst. Ser. 3 no. 12:128-161 '60. (MIRA 14:1)
(Leningrad Province--Pastures and meadows)

MATVEYEVA, Ye.P.; ZNAMENSKAYA, L.A.

Cobalt concentration in wild meadow plants. Trudy Bot. inst.
Ser. 3 no. 12:162-170 '60. (MIRA 14:1)
(Cobalt) (Plants--Chemical composition)

MATVEYEVA, Ye.P.; ZNAMENSKAYA, L.A.

Cobalt concentration in wild meadow plants. Bot. zhur. 44 no.7:
978-985 J1 '59. (MIRA 12:12)

1. Botanicheskiy institut im. V.L. Komarova AN SSSR, Leningrad.
(Baltic Sea region--Grasses)
(Cobalt) (Minerals in food)

MATVEYEVA, Ye.P.; ZNAMENSKAYA, L.A.

Plants rich in cobalt. Zhivotnovodstvo 21 no. 5132 16y '59.
(Grasses) (Cobalt) (MIRA 12:7)

ZHAMENSKAYA, L.A.

Tannins of the queen of the meadow (*Filipendula ulmaria* (L.) Max.)
in the process of ontogenetic development of the plant. Trudy Bot.
inst. Ser. 5 no. 4: 245-268 '56. (MLBA 9:6)
(Tannins) (*Filipendula*)

MATVEYEVA, Ye.P.; ZNAMENSKAYA, L.A.

Common cattail. Zhivotnovodstvo 20 no.6:45-46 Je '58. (MIRA 11:6)
(Cattail) (Forage plants)

BEK, V.I.; KARDASHOV, D.A.; VLASOVA-GOLOVATAYA, V.I.; Prinimali uchastiye:
MARKINA, O.A.; ZNAMENSKAYA, M.I.; VOZDVIZHENSKAYA, L.A.

Heat-resistant VK-4 elastic adhesive. Plast.massy no.4:23-25
'64. (MIRA 17:4)

ZNAMENSKAYA, M. K., Briantsev, V. A., Dobrosrakova, T. L., and Masaitis, A. I.

'Bitum' as a New Means on the Control of Pests and Diseases of Vegetables,
Zashchita Rastenii, no. 8, 1936, pp. 88-98. 421 P942

SO - SIRA SI 90-53, December 15, 1953