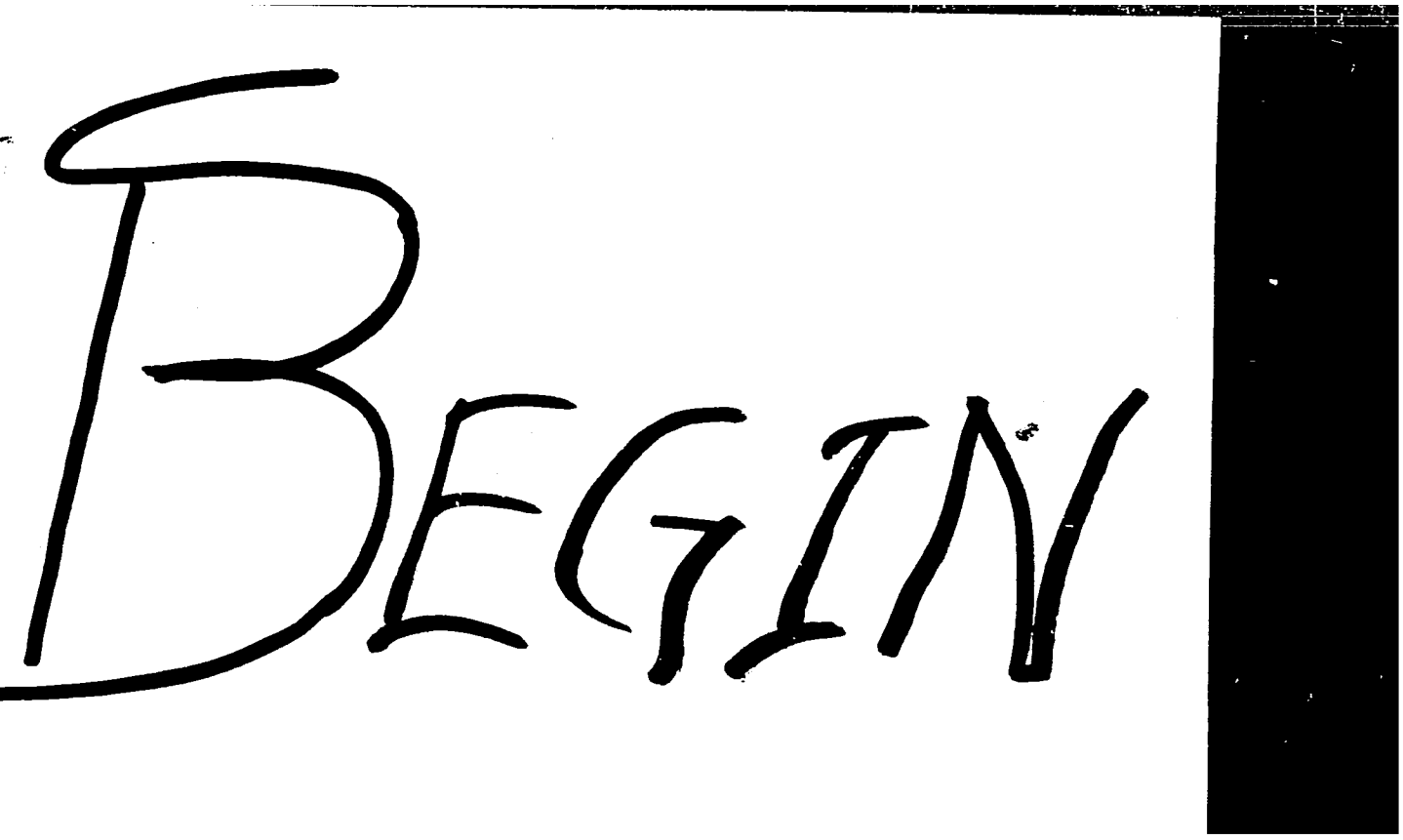

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000206810001-3"

REEL #68

BRATKOWSKI, S

to

BRATKOWSKI, S. & RADZWICKI, K.:

Technology of the Production of Semi-killed Steel of a Carbon Content Below o.30%.
SO: Hutnik, #10, Oct 55, pp37-39 Appendix.

P. T. A. Mechanical & Electrical Engineering

6

321 658 : 69

Bratkowski T., Eng. Some Views of an Electrical Engineer on the Co-Operation with Designers and Executors of Other Building Specialities in View of the Present State of Building Techniques.

„Poglądy elektryka na współpracę z projektantami i wykonawcami innych specjalności budowlanych na tle obecnego stanu techniki budowy". Przegląd Budowlany, No 10—11, 1949, pp. 412—414.

Drawing attention to the need for proper preparation of technical documentation ,the author underlines the necessity of choosing the group of designers so as to include all specialities; he then discusses their co-operation, based on realizable and co-ordinated plans containing all necessary factors. The author gives as interesting proposal for the cooperation of an electrical engineer with the building trade.

BRATKOWSKI, T.; SKARZYNSKI, T.

BRATKOWSKI, T.; SKARZYNSKI, T. Trends in the development of electric installations and equipment in urban constructions according to the 5-Year Plan. p. 181

Vol. 32, no. 5, May 1956.
PRZEGLAD ELEKTROTECHNICZNY
TECHNOLOGY
Warszawa, Poland

So: East European Accession, Vol. 6, no. 2, Feb. 1957

BRATKOWSKI, Tadeusz, mgr., inz.

Scientific technical conference "Electric installations in industrialized building of dwelling houses"; Warsaw, December 6-7, 1961. Przegl elektrotechn 38 no.4:166-169 Ap '62.

1. Przewodniczacy Kolegium Sekcji Instalacji i Urzadzen Elektrycznych przy Zarzadzie Glownym Stowarzyszenia Elektrykow Polskich.

BRATKOWSKI W.

4209 677.191.2.002

Bratkowski W. A New Method of Decortication of Raw Flax and Hemp Fibres and Its Economic Basis.

„Nowa technologia wyprawy i przerobu włókien łykowych oraz ich uzasadnienie gospodarczo-techniczne". Archiwum Budowy Maszyn (PAN). No. 3, Warszawa, 1955, PWN, pp. 285—317, 6 figs., 2 tabs.

At the beginning of this paper, the author analyses the present situation in the flax industry. He attributes its critical state to the mechanisation of the processes of obtaining flax fibre from straw. The artificial retting of straw — a very cumbersome and laborious operation — should be replaced by the process of decortication of raw straw and degumming of the bast obtained. This type of technology can, as is proved by the history of decortication here reviewed, only be operated economically by introducing a sliver process based on uniform raw material. Flax straw cannot supply uniform fibre since the scutching process necessary to eliminate upper ramifications gives two kinds of fibre materials — linen and tow. In Polish climatic conditions uniform materials are obtained from hemp only. The author describes in detail the decortication — and degumming — machines for hemp invented by himself. Degummed sliver, after drying, is subjected to the carding process and further is converted into yarn by the ordinary dry or wet flax-spinning methods. To obtain a thin yarn by wet spinning, the fibres can, in the form of roving, be additionally degummed to complete the process.

BRATCEV, G.

Niels Bohr, October 4, 1885-November 18, 1962; obituary. Nauka i tekh mladezh 15 no.1:13-15 Ja '63.

BRATOEV, N., inzh.; BUNDZHULOV, P.

The FU250 universal milling machine. Mashinostroene 11 no.7/8:24-26 Jl-Ag '62.

BRATOLJIC, Tihomir, ing., asistent. (Zabreb)

Magnetic and electrodynamic amplifiers for the regulation of electric machines. Elektrotehnika Hrv 1 no.1-2:31-43 '58.

1. Elektrotehnicki fakultet Sveucilista u Zagrebu

POPLAVSKIY, S.A.; BRATOLYUBOV, A.I.

Relationship between agriculture and the study of chemistry. Politekh. obuch. no.2:31-36 F '59. (MIRA 12:3)

1. Srednyaya russkaya shkola poselka Korma Gomel'skoy oblasti BSSR.
(Korma--Chemistry--Study and teaching)
(Fertilizers and manures)

BRATOLYUBOV, A.I.; PAVROZ, O.L.

Experiment demonstrating the reversibility of chemical reactions.
Khim. v shkole 16 no.4:78-79 Jl-Ag '61. (MIRA 14:8)

1. Pedagogicheskiy institut, g. Gomel'.
(Chemical reactions)

BRATOLIUBOV, A.I. [Bratolyubov, A.I.]; PAVLOV, O.L.

Experiment in demonstrating reversibility of chemical reactions.
Biol i khim 5 no.1:59-60 '63.

1. Pedagogicheski institut, g. Gomel.

BRATOLYUBOV, A.I.; POKSHAYEV, R.G.; KOVERNYY, I.N., uchitel'

Editor's mail. Khim. v shkole 18 no.3:88-90 My-Je '63.
(MIRA 16:9)

1. Pedagogicheskiy institut, Gomel' (for Bratolyubov). 2. Shkola rabochey molodezhi, g Pokhvistnevo, Kuybyshevskoy oblasti (for Pokshayev). 3. Shkola rabochey molodezhi No.1, g. Vasil'kov, Kiyevskaya oblast' (for Kovernyy).
(Chemistry—Study and teaching)

BRATOLYUBOV, A.I.; PAN'KOVA, L.G.

Experiment for the lesson on "Reaction of combining basic and acid oxides." Khim. v shkole 18 no.4:74 Jl-Ag '63.
(MIRA 17:1)

1. Pedagogicheskiy institut, Gomel')

KOSTIC, Petar, dr., prof.; CEMERIKIC, Mihailo; PALJIC, Vojislav; BRATONOZIC, Branko

Importance of the presence of meconium in the amniotic fluid on the course of pregnancy and labor. Srpski arh. celok. lek. 89 no.7/8: 815-823 Jl-Ag '61.

1. Ginekolosko-akuserska bolnica grada Beograda. Upravnik: prof. dr Petar Kostic.

(MECONIUM) (AMNIOTIC FLUID)

BRATOLYUBOV, V.B.

Calculation and analysis of the overheating of the stator windings of traction motors. Sbor. nauch. trud. EINII 2: 141-148 '62. (MIRA 16:8)

(Electric railway motors--Windings)
(Electric insulators and insulation)

ZOLOTAREV, Petr Alekseyevich; BRATOLYUBOV, Vsevolod Borisovich

Traction motors for rectifying locomotives with a 1000 volt rating. Izv.vys.ucheb.zav.; elektromekh. 5 no.1:47-54 '62. (MIRA 15:2)

1. Nachal'nik laboratorii Novocherkasskogo nauchno-issledovatel'skogo instituta elektrovozostroyeniya (for Zolotarev). 2. Rukovoditel' gruppy Novocherkasskogo nauchno-issledovatel'skogo instituta elektrovozostroyeniya (for Bratolyubov).
(Electric railway motors)

KRAVCHENKO, Aleksandr Ignat'yevich, inzh.; BRATOLYUBOV, Vsevolod, Borisovich, inzh.

Integral method for evaluating electric traction motors. Izv. vys.ucheb.zav.; elektromekh. 6 no.2:229-236 '63. (MIRA 16:4)

1. Nachal'nik laboratorii perspektivnykh razrabotok Novocherkasskogo nauchno-issledovatel'skogo instituta elektrovozostroyeniya (for Kravchenko). 2. Nachal'nik otdela Mordovskogo nauchno-issledovatel'skogo elektrotekhnicheskogo instituta (for Bratolyubov).
(Electric locomotives) (Electric railway motors)

BRATOS, Zygmunt; ZABIAK, Franciszek (Warszawa)

Problem of using gypsum in the construction industry.
Przegl budowl i bud mieszk 35 no.10:542-544 0'63.

WISNER, Paul, dr. ing.; BRATOSIN, Dinu, ing.

Determining the loss of pressure in pipe necks of some water chambers.
Vodoprivreda Jug 2 no.7/8:222-223 '59. (EEAI 10:1)

1. Preduzeqe za energetske studije i strazivanja I.C.S.E.,
Bukurest [Bucharest]
(Hydraulics) (Water pipes)

WISNER,P., ing; TANASE, S., ing.; BRATOSIN, D., ing.

Possibilities of using hydraulic sorting of sand at the prefabrication factories and ballast pits. Hidrotehnica 8 no.12: 433-438 D'63.

BRATOSIN, Ion, ing.

Noninflammable solvents. St si Teh Buc 14 no.11:6-7 N'62.

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CONEA, Ana; VOLOVICI, C.; MUCENIC, Iulia; NITU, I.; BRATOSIN, Niculina; BUGEAC, Elena; IACOB, Eugenia; VASILESCU, Marcela; BALABAN, Lidia; COLIOS, Elena; PETRESCU, Adriana; POPESCU, Florica; SAFTA, Rodica; MAC, Hareta.

The Oradea plain and hilly soils. Dari seama sed 48[redacted]88 60/61 [publ. '62]

RAICU,P., conf. univ.; BRATOSIN, S. (Bucuresti)

First Rumanian Symposium on Genetics. Natura Biologie 16 no.4: 94-96 Jl-Ag'64

BRATOLYUBOV, A.S.

Main factors of the free radical chlorination of alkanes. Usp.khim. 30 no.11:1391-1409 N '61. (MIRA 14:10)
(Paraffins) (Chlorination)

FUKS, G.I.; BRATOVA, G.S.

Effect of organic acids on the boundary friction and sticking of solids in hydrocarbon liquids. Dokl. AN SSSR 153 no.5:1125-1128 D '63. (MIRA 17:1)

1. Nauchno-issledovatel'skiy institut chasovoy promyshlennosti. Predstavleno akademikom P.A. Rebinderom.

BRATOVANOV, D.; ZAPRIANOVA, Zl.; ZOZINOV, V.

Results of treating tetanus with intravenous infusion of novocaine. Suvrem. med., Sofia 7 no.9:63-72 1956.

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(TETANUS, ther.
procaine intravenous)
(PROCAINE, ther. use
tetanus, intravenous admin.)

BRATOLYUBOV, A.I.

Primary acquainting of students with the class of acids. Khim. v shkole 17 no.5:42-43 S-O '62. (MIRA 15:9)

1. Pedagogicheskiy institut imeni V.P.Chkalova, Gomel', BSSR.
(Acids) (Chemistry—Study and teaching)

4

BRATOVANOV, D
SURNAME (In caps); Given Names

Country: Bulgaria

Academic Degrees: Professor

Affiliation: Member of the Board of Editors (Redaktsionen Suvet) of Khigiena, Editing Director: Dr L. STOYANOV

Source: Sofia, Khigiena, No 2, Mar/Apr 61, pp 36

Data: "Polio Prevention Through Active Immunization."

Co-authors:

TAGAROV , Zh.
YANKOV, K.
KARACHOLEV, Il.

BRATOVANOV, D.

Nature of the epidemic process; social and biological factors in the epidemic process. Zhur.mikrobiol.epid.i immun. 31 no.8:132-136 Ag '60. (MIRA 14:6)

1. Iz kafedry infektsionnykh bolezney i epidemiologii Meditsinskogo instituta imeni Pavlova, Plovdiv.
(EPIDEMIOLOGY)

BRATOVANOV, D.

#240

30 [illegible]

Sofia, Khigiena, Vol 4, No 6, Nov-Dec 61

1. "All in the Name of Man - For the Welfare of Man," V. [illegible] and M. AVRAMOVA, (no affiliation given); pp 1-4.

2. "Foci of Trichinellosis in the Varna Region," T. AVLAVIDOV, Parasitologist at the Okrug SES (Sanitarno-epidemiologicheska Stantsiya; Sanitary Epidemiological Station) in Varna and St. [illegible], junior scientific worker at the NIEM (Nauchen Institut po Epidemiologiya i Mikrobiologiya; Scientific Institute of Epidemiology and Microbiology); pp 5-9.

3. "The Geographical Milieu of the Natural Foci of Hemorrhagical Nephroso-nephritis in the Rhodope Mountains," D. BRATOVANOV, Ch. TARGOV, K. YANKOV, and Khr. [illegible], Chair of Infectious Diseases and Epidemiology at the "I. P. Pavlov" VMI (Vissh Meditsinski Institut; Higher Medical Institute) (Katedra po infektsiozni bolesti i epidemiologiya pri VMI "I. P. Pavlov" in Plovdid and the Plovdiv Okrug Sanitary Epidemiological Station (Okruzhna Sanepidstantsiya); pp 11-16.

4. "Hemorrhagical Nephroso-nephritis in Blagoevgrad Okrug," P. [illegible] and E. GUEEV, (no affiliation given); pp 17-22.

5. "Natural Focus of the Tick Encephalitis in the Eastern Part of Stara Planina Mountains," P. ANDONOV, M. [illegible], T. KHRISTOVA, A. PROIPOKOV, T. PETKOV, St. PACHEV, and N. [illegible], (no affiliation given); pp 23-25.

6. "Q-Fever in Khaskovo Okrug - The Incidence of Q-Fever Among the Livestock Workers and the Meat Combine Workers in Khaskovo Okrug," R. MANASSILOV and At. RASHKOV of the Khaskovo Okrug SES (Sanitary Epidemiological Station); pp 27-28.

7. "On the Epidemiology of Marsillian Fever in Bulgaria," A. PROIPOKOV, Head (zaveshdashit) of the Internal Diseases Department of the Municipal Hospital in Pomorie (Vutreshno otdelenie pri Gradska bolnitsa v Pomorie); pp 29-31.

8. "Serological Research on Some Bulgarian Kinds of Leptospires," B. BABUDIERI of the Higher Institute of Health Protection in Rome, Italy, and D. MATEEV of the NIEM (Scientific Institute of Epidemiology and Microbiology) in Sofia; pp 33-35.

9. "On the Incidence of Leptospirosis Among the Domestic Animals and the Population in Varna Okrug," Y. RANKOV and E. AVRAMOV of the Varna Okrug Sanitary Epidemiological Station (Okruzhna Sanepidstantsiya - Varna); pp 39-41.

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BRATCVANOV, D.; TARGOV, Zh.; PANCHEV, Khr.

Epidemiology of hemorrhagic fever with renal syndrome in Bulgaria. Zhur. mikrobiol., epid. i immun. 33 no.1:122-126 Ja '62. (MIRA 15:3)

1. Iz kafedry epidemiologii i infektsionnykh bolezney Bolgarskogo meditsinskogo instituta imeni Pavlova, Plovdiv.
(BULGARIA--HEMORRHAGIC FEVER)
(KIDNEYS--DISEASES)

BRATOVANOV, D.

Bulgaria

Higher Medical Institute"I. P. Pavlov" Department of Infectious Diseases and Epidemics (VMI-Katedra po inf. bolesti i epidemiologiya), Plovdiv; Director: D. BRATOVANOV.

Sofia, Khigiena i Zdraveopazvane, No 2, 1966, pp105-115.

"Correlation Between Incidence from Tuberculosis and National Income in Popular Republic Bulgaria."

BRATOVANOV, L. P.; TARGOV, Z.; PANCHEV, Chr.

The epidemiology of haemorrhagic fever with the renal syndrome in Bulgaria. J. hyg. epidem., Praha 5 no.1:52-54 '61.

1. Department of Epidemiology and infectious Diseases of the L. P. Pavlov Medicinal Faculty, Plovdiv.

(EPIDEMIC HEMORRHAGIC FEVER epidemiol)

BRATOVEANU, E.; COMAN, V.

Panel for the verification of telecommunication rectifiers in the Technical Control Workshops.

P. 27 (REVISTA CAILOR FERATE) (Bucuresti, Rumania) Vol. 6, no. 1, Jan. 1958

SO: Monthly Index of East European Accessions (EEAI) LC Vol. 7, No. 5. 1958

BRATOVIC, Biserka

Basic conditions for a faster development of cooperation in machine industries. Masinogradnja 5 no.2:15-16 Jl '62.

BRATOVIC, Biserka, ekonomista

Economic aspects of the production and application of Yugoslav welding addition material. Zavarivac 7 no.3:2-6 '62.

1. Sav. privredna komora, Beograd.

HUNGARY

ROZGONYI, Ferenc, Dr, VALENTA, Borbala, BRATOVICS, Ilona, CSIRE, Bela; Medical University of Debrecen, Institute of Microbiology (director: VACZI, Lajos, Dr) (Debreceni Orvostudomanyi Egyetem, Mikrobiologiai Intezet).

"Sensitivity of 'Polyresistant' Microorganisms Toward the More Recent Antibiotics. Changes in the Antibiotic Resistance of the More Important Pathogenic Bacteria Isolated From a Clinical Study Material Between 1962-65."

Budapest, Orvosi Hetilap, Vol 108, No 8, 19 Feb 67, pages 337-342.

Abstract: [Authors' Hungarian summary modified] The study led to the following observations. 1) During the past 4 years, the greatest increase in resistance occurred against terramycin. The per cent increases were: from 46 to 66 in E. coli, from 57 to 69 in Klebsiella, from 60 to 89 in Ps. pyocyanea, from 46 to 69 in Staph. aureus and from 55 to 71 in Strept. faecalis. At the same time, there was a considerable increase in the chlorocid-resistant strains of E. coli, Klebsiella and B. proteus. 2) There was a slight decrease in the occurrence of polymyxin, streptomycin-and chlorocid-resistant strains of Staph. aureus and in the polymyxin-and chlorocid-resistant strains of Strept. faecalis. 3) Among the older, widely used antibiotics, polymyxin and streptomycin are the most effective against E. coli, Klebsiella and Ps. pyocyanea; chlorocid and streptomycin against B. proteus; erythromycin, streptomycin and chlorocid against Staph. aureus; and erythromycin and chlorocid against Strept. faecalis. 4) In the past 4 years, there was a further increase in the ratio of "polyresistant"

1/2

BRATOVSKII, A.

Agricultural technique is growing potatoes. p. 29.
RADIOAMATOR, Warszawa. Vol. 5, no. 3, Mar. 1955.

SOURCE: East European Acession List (EEAI) Library of Congress
Vol. 5, no. 8, August 1956.

YUGO

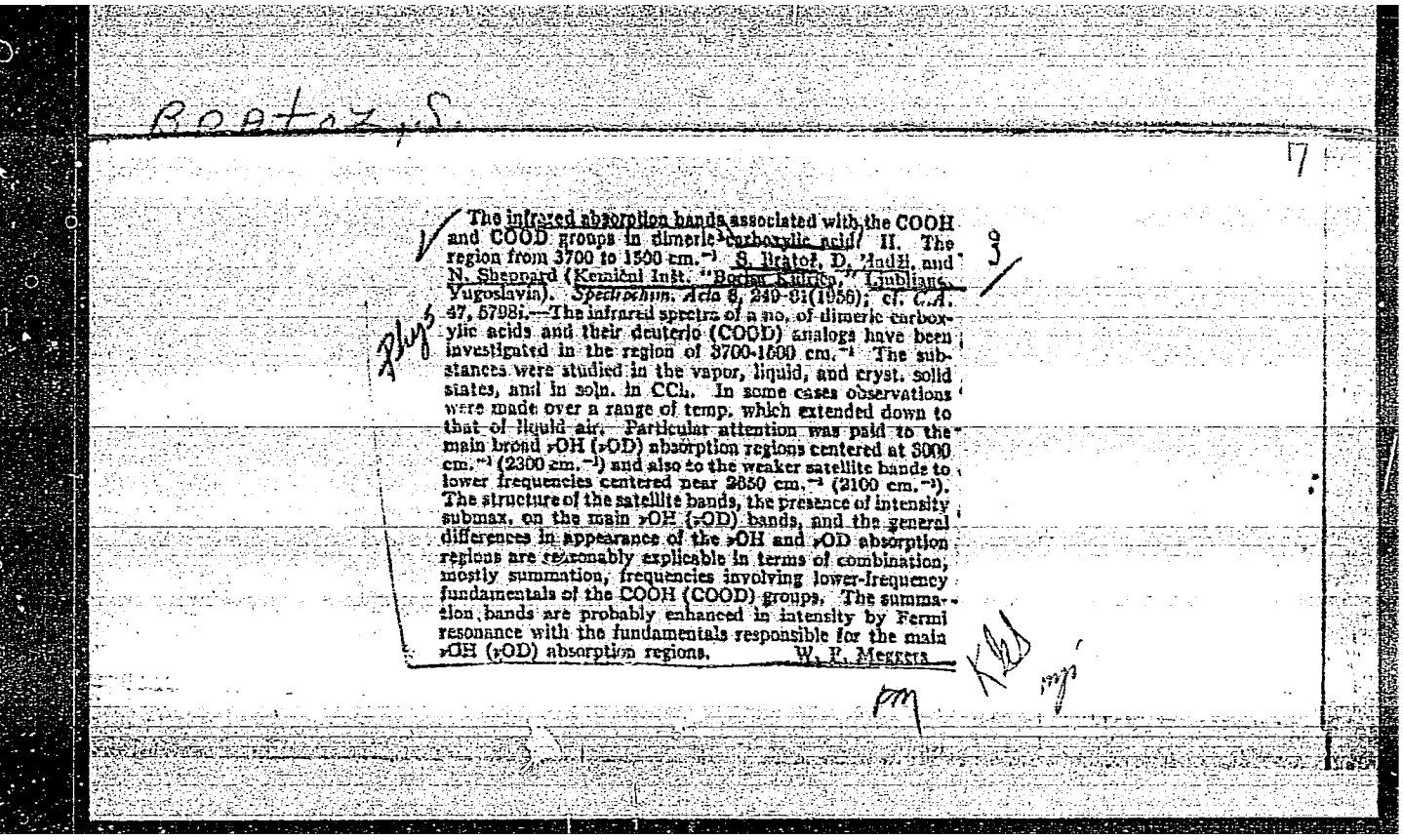
The 3-μ region infrared absorption bands associated with the COOH group in dimeric carboxylic acids. S. Hratoj, D. Hadži, and N. Sheppard (Chem. Inst., Boris Kidrič Ljubljana, Yugoslavia). *Bull. sci., Conseil acad. RPF Yougoslav.* 1, 71-2(1953)(in English).—Data are given showing that calcd. and observed values of summation bands due to extra peaks observed in the 3-μ region of the infrared spectra of acetic, formic, and benzoic acids are in good agreement. The same applies for the mono-, di-, and trichloroacetic acids. N. Pl...

BRATOŽ, S.

YUGO.

Approximate method of calculating vibrational frequencies of polyatomic molecules. S. Bratoš (Kem. Inst. Slovenske Akademije Znanosti in Umetnosti "Boris Kidrič," Ljubljana, Yugoslavia). *J. Chem. Phys.* 23, 160–61(1955).—A new approx. method for calcg. mol. vibrational frequencies was developed, based on the supposition that the mol. can be considered in zero-order approxn. as a weakly coupled aggregate of partial vibrating systems, the interactions between them being taken into account by a perturbation calcn. The sepn. of the mol. into partial systems was discussed and a comparison was made with the results of an exact calcn. The MeCl mol. was selected as an example.

Henry Leidheiser, Jr.



Boatz, S.

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The infrared absorption bands associated with the COOH and COOD groups in dimeric carboxylic acids. II. The region from 3700 to 1500 cm.$^{-1}$. S. Bratoš, D. Hadži, and N. Sheppard (Kemični Inšt. "Boris Kidrič," Ljubljana, Yugoslavia). *Spectrochim. Acta* 8, 249-61(1956); cf. *C.A.* 47, 5798i.—The infrared spectra of a no. of dimeric carboxylic acids and their deuterio (COOD) analogs have been investigated in the region of 3700-1600 cm.$^{-1}$. The substances were studied in the vapor, liquid, and cryst. solid states, and in soln. in CCl_4. In some cases observations were made over a range of temp. which extended down to that of liquid air. Particular attention was paid to the main broad >OH (>OD) absorption regions centered at 3000 cm.$^{-1}$ (2300 cm.$^{-1}$) and also to the weaker satellite bands to lower frequencies centered near 2650 cm.$^{-1}$ (2100 cm.$^{-1}$). The structure of the satellite bands, the presence of intensity submax. on the main >OH (>OD) bands, and the general differences in appearance of the >OH and >OD absorption regions are reasonably explicable in terms of combination, mostly summation, frequencies involving lower-frequency fundamentals of the COOH (COOD) groups. The summation bands are probably enhanced in intensity by Fermi resonance with the fundamentals responsible for the main >OH (>OD) absorption regions. W. F. Meggers

BRATOZ, S

Infrared absorption bands associated with the chelate ring in some unsaturated hydroxycarbonyl compounds. S. Bratož, D. Hadži, and G. Rossmy (Chem. Inst., R. Kudrič, Ljubljana, Yugoslavia). *Trans. Faraday Soc.* 52, 464–70 (1956).—The spectra of acetylacetone, acetylchloroacetone, acetoacetic ester, dibenzoylmethane, benzoylacetone, and of their D substituted equiv. were detd. The bands controlled mainly by the vibrations of the OH group were: ν (OH) ca. 2700 ± 100 (very broad and weak), δ (OH) (in-plane) 1435 ± 35; ν (C—O) 1284 ± 24; γ (OH) (out-of-plane) 948 ± 13 cm.$^{-1}$ (all medium). The wave nos. of the corresponding OD bands were: ν (OD) 1990 ± 30; δ (OD) 1090 ± 20; ν (C—O) 1270 ± 25; γ (OD) 697. The OH bands of dimeric carboxylic acids, enolized diketones, and hydroxyquinones are listed. The OH groups of acids and of enolized diketones have a close structural relation.

Victor R. Deitz

BRATRANEK, A., doc.

Long-term forecast of precipitations for the use of farming. Vodni hosp 14 no.5:2 of cover '64.

[redacted]

BRATRANEK, A.

Empirical calculation of the regulatory effect of reservoirs on the flow of water in rivers. p. 236.

Vol. 4, no. 8, August 1954
VODNI HOSPODARSTVI
Praha, Czechoslovakia

Source: East European Accession List. Library of Congress
Vol. 5, No. 8, August 1956

APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000206810001-3"

BRATRANEK, A.

BRATRANEK, A. Temperature variations, downstream from a dam with reference to the use of the water for irrigation purposes. p. 389.

Vol. 5, No. 11, Nov. 1955
VODNI HOSPODARSTVI
TECHNOLOGY
Praha, Czechoslovakia

So: East European Accessions, Vol. 5, No. 5, May 1956

BRATRANEK, A.

Vitava River dams, a means to improve the protection of Greater Prague against floods. p. 142. VODNI HOSPODARSTVI. (Ustredni sprava vodniho hospodarstvi) Praha. Vol. no. 6, June 1956.

SOURCE: East European Accessions List, Vol. 5, no. 9, September 1956

BRATRANEK, A.

Tributaries of the Vltava River and their share in floods with regard to the protection of Prague.

P.262 (Vodni Hospodarstvi) Vol. 5, No. 10, Oct. 1957, Czechoslovakia

SO: MONTHLY INDEX OF EAST EUROPEAN ACCESSIONS (EEAI) LC. - VOL. 7, NO. 1, JAN. 1958

BRATRANEK, A., doc. dr. inz. DrSc. (Prague)

Analysis of the secular flow series on the Elbe and Danube and models of secular flow depressions. Vodni hosp 14 no.11:401-407 '64.

BRATRANEK, A.

Variation of precipitations in long-period series and its relation to the solar activity fluctuations. Meteor zpravy 17 no.4:97-104 Ag'64

1. Research Institute of Water Resources Management.

BRATRO, J.

Pumping liquid extracts from steam apparatus by means of a barometric pipe.

P 205. (Przeglad skorany. Vol. 11, no. 8, Aug. 1956, Lodz, Poland)

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

BRATRO, J.

An apparatus for drying bristles.

P. 205 (Przeglad Skorany. Vol. 11, no. 8, Aug. 1956, lodz, Poland)

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

ERATRO, J.

An accessory attached to a measuring apparatur for the purpose of simultaneous measurement of the surface and thickness of leather.

p. 206 (Przeglad skorany. Vol. 11, no. 8, Aug. 1956, Lodz, Poland)

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

BRATO, J.

Casein fixing of the finishof pigskins covered with acrylic resins.

P. 234 (Przeglad Skorany Vol. 11, no. 9, Sept. 1956, Lodz, Poland)

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

BRATRO, J.

A device for controlling the degree of stretching hides on frames. p. 257. (PRZEGLAD SKORZANY. Vol. 11, no. 10, Oct. 1956, Lodz, Poland)

SO: Monthly List of East European Accessions (EEAL) LC. Vol. 6, No. 12, Dec. 1957. Uncl.

BRATRO

POLAND / Chemical Technology. Leather. Fur. Gelatine. Tanning Agents. Technical Proteins. H

Abs Jour: Ref Zhur-Khimiya, No 22, 1958, 76049.

Author : Bratro.
Inst : ~~Not given.~~
Title : Technical Progress in the USSR in the Field of Drying and Moistening of Skins.

Orig Pub: Przegl. skorzany, 1957, 12, No 2, 38-43.

Abstract: The author summarizes the data from the All-Union conference on drying and moistening of skins, his personal observations from visiting the leather factories in Leningrad and Moscow, and also the data concerning the production experience of leather factories and the work of the TsNIKP.

Card 1/1

ANUFRIYEV, Aleksandr Fedorovich; SUPRYAGA, Yakov Andreyevich; BRATSEV, L.A., otv. red.; VASIL'YEV, Yu.V., red.; VOLKOVA, V.V., tekhn. red.

[Power resources of the Komi A.S.S.R.] Energeticheskie resursy Komi ASSR. Moskva, Izd-vo AN SSSR, 1963. 64 p. (MIRA 16:12)

(Komi A.S.S.R.--Power resources)

BOBOV, N.G., otv. red.; BRATSEV, L.A., otv. red.; BOREYEVA, N.V., red.

[Geocryological conditions in the Pechora coal basin] Geokriologicheskie usloviia Pechorskogo ugol'nogo basseina. Moskva, Nauka, 1964. 222 p. (MIRA 18:1)

1. Moscow. Nauchno-issledovatel'skiy institut osnovaniy i podzemnykh sooruzheniy. Severnoye otdeleniye.

ACCESSION NR: AT4041505 S/2910/63/003/01-/0143/0150

AUTHOR: Abarenkov, I. V., Bratsev, V. F.

TITLE: The effective potential method

SOURCE: AN LitSSR. Litovskiy fizicheskiy sbornik, v. 3, no. 1-2, 1963, 143-150

TOPIC TAGS: effective potential, valence electron, core electron, wave function, successive approximation, Pauli exclusion principle

ABSTRACT: The method of successive approximations was applied to computation of the wave function of the valence electron. The problem consists of finding the (n + 1) st eigen value, λ n + 1, and the corresponding eigen-function Ψ n + 1, of a self-consistant integro-differential operator H

$$H\Psi_k = \lambda_k \Psi_k. \quad (1)$$

when all λ_k and Ψ_k are known for all $k \leq n$. Here (in atomic units)

$$H = -\frac{1}{2}\Delta + W + A \quad (2)$$

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where W and A are the coulomb and the exchange term, respectively. This reasoning follows from Pauli's principle for valence and core electrons. In the iteration procedure, each step is treated as a problem of an electron in some "effective" field. It is shown that in the case of an atom the convergence of the successive iterations is assured when the linear combination $p\mathcal{H} + q\Psi_{n+1}$ is a non-zero function, where $\mathcal{H}$ is a normalized function

$$\mathcal{H} = \sum_{k=1}^{n} \tau_k \Psi_k$$

and where p and q are constants which satisfy certain inequalities. The method is tested by solution of the hydrogen atom for the energy and wave function of the 2S-state with the 1S-state taken as the "core" electron. Here the linear combination $p\mathcal{H} + q\Psi_{n+1}$ is a constant and a good convergence to the correct value is reached in 4 steps. Subsequent examples for the valence electrons of Li and Na atoms show that the method of effective potential compares favorable with experimental results and with other similar methods such as Hartree's (Proc. Royal Soc. A. 193, 299 (1948)). Orig. art. has: 51 equations, 2 tables and 2 figures.

ACCESSION NR: AT4041505

ASSOCIATION: Leningradskiy gosudarstvenny*y universitet im. A. A. Zhdanova (Leningrad State University)

SUBMITTED: 00 ENCL: 00

SUB CODE: NP NO REF SOV: 002 OTHER: 006

Card 3/3

BRATCHIY, G., inzhener-pilot

Algebra of profitableness. Grazhd. av. 21 no.11:20-22 N '64.
(MIRA 18:3)

BRATSKY, Ladislav

Material supply conditions in the construction of the Vychodoslovenske zeleziarne. Pozemni stavby 13 no.4:135-137 '65.

1. Hutne stavby National Enterprise, Kosice.

USSR/Microbiology. Sanitation Microbiology F

Abs Jour : Ref Zhur-Biol., No 13, 1958, 57618

Author : Bratslavets N. F.
Inst : Odessa Scientific-Research Institute of Epidemiology and Microbiology
Title : Application of Membranous Filters for the Isolation of Brucella

Orig Pub : Tr. Odessk. n.-i, in-ta, epidemiol. i mikrobiol., 1957, 2, 35-40

Abstract : The present methods of the isolation of brucella from water are cumbersome, lengthy, and effective only when large quantities of brucella are present in the water. It was found that many of the differential chromatic media used, themselves arrest the growth of brucella. The most effective method for the isolation of

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USSR/Microbiology. Sanitation Microbiology F

Abs Jour : Ref Zhur-Biol., No 13, 1958, 57618

Abstract : brucella was found to be the use of membranous filters Nos 2 and 3. The water under investigation is simultaneously filtered through both filters placed one on the top of the other. The fatty parts of eggs were infected with each washing from the filters. After an incubation of five days in a thermostat the eggs were opened and pure cultures were obtained.

Card 2/2

ACC NR: AP7006022 SOURCE CODE: UR/0187/66/000/010/0018/0023

AUTHOR: Bratslavets, P. F.; Rosselevich, I. A.; Khromov, L. I.

ORG: none

TITLE: Television camera for scientific research in space

SOURCE: Tekhnika kino i televedeniya, no. 10, 1966, 18-23

TOPIC TAGS: TV system, space communication, TV camera

ABSTRACT: The newest problem in television for space is the development of a single system which will incorporate the best features of the presently emplyed three distinct systems for conveying the images of "cosmic bodies" over great distances. The "single-element" system collects the light flux from an "elementary" area of the observed surface through mechanical scanning and converts it into current by means of a photomultiplier tube, after which it is handled as a video signal; the "phototelevision system," emplys a photographic method with camera, film, developer, plus film reader; the "small frame system," employs frequency-band compression based on the elimination of the subjective redundancies of photographed images by means of a camera shutter; these have different advantages and disadvantages and are used for different desired results. Combining them into a single system for all TV trans-

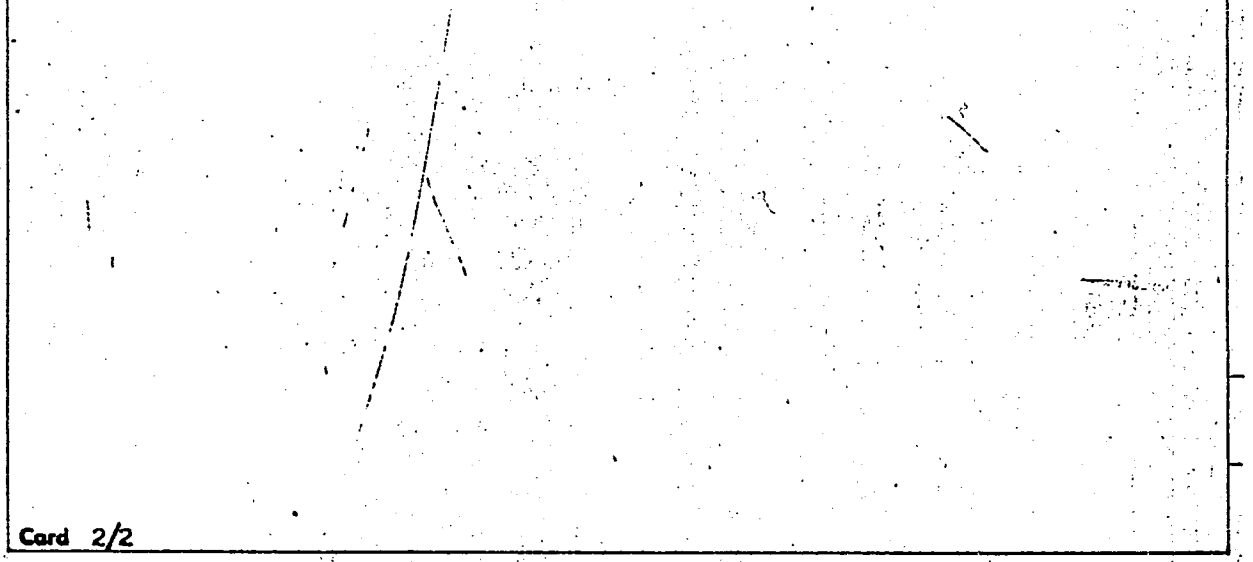
Card 1/2 UDC: 621.397: 629.19

09270804

ACC NR: AP7006022

mission from space seems out of the question at the present time. The article gives the fundamentals of the three types of operation, block diagrams and a photograph of a phototelevision system. Orig. art. has: 4 figures and 2 formulas. [JPRS: 38,937]

SUB CODE: 17, 22 / SUBM DATE: none / ORIG REF: 009



Card 2/2

BRATSLAVSKAYA, K.I.

Role of vitamin A in treatment of dermatosis due to disturbance of keratin formation. Vest. vener. no.5:40-42 Sept-Oct 1950. (CLML 20:1)

1. Of the Department of Dermatology (Head -- Prof. A. A. Fel'dman, Doctor Medical Sciences), Odessa Scientific-Research Dermato-Venereological Institute imeni Ye. S. Glavche (Director B. I. Shpolyanskiy).

The character of change of the amount of vitamin A in the blood upon loading of patients suffering from disturbance of keratin formation. K. I. Bratislavskaya (Dermato-Venerol. Sci. Res. Inst., [illegible]). *Vestnik Dermatol.* 1954, No. 4, 21–4.—In loading expts. with vitamin A with patients who suffer from abnormalities in the ability to grow normal horny parts of the body (nails and skin) it is found that the initial content of vitamin A in blood serum is not a useful index of abnormality, while the intensity of its accumulation in the blood is a good index thereof, after 6 hrs. The patients with disorders of the above types give up to 300% higher values for vitamin A accumulation rate than do normal human subjects. C. M. K.

[illegible], N. I.

[illegible]A, N. I.: "Vitamin A in treating skin diseases connected with disorders to the process of cornification." Odessa Medical Inst imeni N. I. Pirogov, Odessa, 1[illegible]. (Dissertation for the Degree of Candidate in Medical Sciences)

So: Knizhnaya letopis' No 38, 195[illegible]. Moscow

BRATSLAVSKAYA, K.I., kand.med.nauk

Adaptive capacity of the eye before and after vitamin A therapy in cornification disorders. Vest.derm.i ven. no.9:45-47 '61. (MIRA 15:5)

(EPITHELIUM--DISEASES) (VITAMINS--A)
(EYE--ACCOMMODATION AND REFRACTION)

BRATSLAVSKAYA, K.I., kand. med. nauk

Effect of carotene administration on the nature of quantitative changes of vitamin A in the blood of patients with keratinization disorders. Vest. derm. i ven. 37 no.8:11-13 Ag '63
(MIRA 17:4)

BRATSLAVSKIY, I.

Bratslavskiy, I. - "On the influence of the static-dynamic factor on the structure of the spongy matter of bones", Sbornik rabot Studench. nauch. o-va Khar'k. med. in-ta, No. 8, 1949, p. 35-43.

SO: U-4110, 17 July 53, (Letopis 'Zhurnal 'nykh Statey, No. 19, 1949).

BRATSLAVSKIY, Iosif Azril'yevich; VRUBLEVSKIY, A.V., inzh.-polkovnik, red.; SOKOLOVA, G.F., tekhn. red.

[Transistor devices in communication apparatus]Poluprovodnikovye pribory v apparature sviazi. Moskva, Voenizdat, 1962. 127 p. (MIRA 16:1)

(Transistors) (Radio)

BRATSLAVSKIY, I.F.

Necrosis of the frontal bone and epilepsy as a result of massive X-ray therapy. Med.rad. no.5:76-78 '62. (MIRA 15:8)

1. Iz Krivorozhskogo gorodskogo onkologicheskogo dispansera.
(FRONTAL BONE—NECROSIS) (EPILEPSY)
(X RAYS—THERAPEUTIC USE)

BRATSLAVSKIY, I.F.

Method for studing the time of application for help, timeliness and quality of diagnosis of oncological patients. Vop.onk. 7 no.8:105-109 '61. (MIRA 15:1)

1. Iz Krivorozhskogo gorodskogo onkologicheskogo dispansera (galvnyy vrach - M.A. Zybina).
(CANCER)

BRATSLAVSKIY, I. F.

Cancer of the urinary canal. Urologiia no.2:63-64 '62.
(MIRA 15:4)

1. Iz Onkologicheskogo dispansera goroda Krivoy Rog.

(URETHRA—CANCER)

BRATSLAVSKIY, I.F. (Khar'kov)

Pneumographic examination of the pararectal cellular tissue (pararectopneumography) in cancer of the rectum. Klin.med. 40 no.6:66-71 Je '62. (MIRA 15:9)

1. Iz Khar'kovskogo gorodskogo onkologicheskogo dispansera (glavnyy vrach F.P. Sytyy), nauchnyy rukovoditel' - zasluzhennyy deyatel' nauki prof. S.A. Reynberg (Moskva).
(RECTUM—CANCER) (RECTUM—RADIOGRAPHY)

BRATSIAVSKIY, I.N.

Design of water jet and hydro-sandblast cleaning equipment. Lit. proizv. no.1:17-18 Ja '61. (MIRA 14:1)
(Foundries—Equipment and supplies)
(Metal cleaning)

BOGOMOLOV, A.G.; BRATSLAVSKIY, I.N.; LIKHIN, N.I., inzh., retsenzent; STESHENKO, N.N., inzh., red.

[Handbook on optional equipment] Spravochnik po nestandartnomu oborudovaniiu. Moskva, Mashinostroenie, 1965. 338 p. (MIRA 18:5)

VAYNSHTEYN, T.A.; BRATSLAVSKIY, I.Yu.

Cyst of the maxillary sinus simulating an osteoma. Zhur. ush. nos. i gorl. bol. 23 no.6:72-73 N-D '63. (MIRA 17:5)

1. Iz otdeleniya bolezney ukha, gorla i nosa (zaveduyushchiy V.M. Kaplan) 4-y gorodskoy bol'nitsy g. Nikolayeva.

BRATSLAVSKIY, Kh. L., Cand Tech Sci -- (diss) "Study of turbotransmission ~~of one-scoop~~ for single-bucket excavators with diesel drive." Mos, 1958, 16 pp (Min of Higher Education USSR. Mos. Order of Labor Red Banner Engineering Construction Inst im V.V. Kuybyshev) 150 copies (KL, 50-58, 123)

BRATSLAVSKIY, Kh.L.

25(2) PHASE I BOOK EXPLOITATION SOV/2779

Nauchno-tekhnicheskoye obshchestvo mashinostroitel'noy promyshlennosti. Leningradskoye oblastnoye pravleniye

Gidrodinamicheskiye peredachi (Hydrodynamic Transmissions) Moscow, Mashgiz, 1959. 245 p. (Series: Its: Trudy, vyp. 52) 3,000 copies printed.

Ed.: V.P. Gur'yev, Candidate of Technical Sciences, Docent; Tech. Ed.: L.V. Shchetinina; Managing Ed. for Literature on Machine-Building Technology (Leningrad Division, Mashgiz): Ye.P. Naumov, Engineer.

PURPOSE: This book is intended for engineering and technical personnel in the field of hydraulic transmission. It may also be used as a textbook for students of higher technical schools.

COVERAGE: The book is a collection of 20 papers read at the first conference on hydrodynamic transmissions held in Leningrad from 9-11 December, 1957, at which problems of calculation, design, production and operation of hydraulic clutches and hydraulic converters widely used in industry were discussed.

Card 4/5

BRATSLAVSKIY, Kh.L.

Selecting parameters and the design of a turbine transformer for operation with a diesel engine on an universal excavator. [Izd.] LONITOMASH 52:171-181 '59. (MIRA 12:12)
(Oil hydraulic machinery) (Excavating machinery)

BRATSLAVSKIY, M. I. comp.

BRATSLAVSKIY, M. I. comp. Hand rd hoisting and hauling equipment for coal mines. Khar'kov, GNTI NKTP, Gos. nauchno tekhn. izd-vo Ukrainy, 1946. 412 p. (46-2 107)

TN815.B7

BRATSLAVSKIY, M.A.

New sifters for classification and disiccation of coal
Mekh. trud. rab. 6 no.4, 1952

BRATSLAVSKIY, M.A.; DUGIN, Ye.V.; CHUBENKO, A.I.; NEDZEL'SKIY, N.R.; BLUSHINSKIY, V.G.

Modernization of jigging machines in coal dressing plants. Prom. energ. 17 no.11:9-10 N '62. (MIRA 15:12)
(Coal preparation plants)

BRATSLAVSKIY, M.A., linzh., laureat Gosudarstvennoy premii SSSR; CHUBENKO, A.I., inzh.

Jigging of unclassified coal and the modernization of jigs. Ugol' 39 no.1:31-36 Ja '64. (MIRA 17:3)

1. Gosudarstvennyy institut po proyektirovaniyu shakht v yuzhnykh rayonakh SSSR.

BRATSLAVSKIY, Ya.L.

5(2), 3(4) SOV/6-59-7-4/25

AUTHOR: Sokolova, O. I.

TITLE: Results of the Competition for the Best Improving Suggestion (Itogi konkursa na luchsheye ratsionalizatorskoye predlozheniye)

PERIODICAL: Geodeziya i kartografiya, 1959, Nr 7, pp 17-21 (USSR)

ABSTRACT: In May 1959, the ordinary competition for the best improving suggestion in the field of topographic-geodetic and cartographic production was concluded at the Glavnoye upravleniye geodezii i kartografii MVD SSSR (Main Administration of Geodesy and Cartography of the Ministry of Internal Affairs of the USSR). 7 aerogeodetic services, 8 cartographic institutes and NRKCh took part. A total of 30 topographic-geodetic, and 31 cartographic, suggestions were submitted. The 1st prize of 1,000 rubles was awarded to V. A. Morozov and V. V. Urusov (Minskaya kartograficheskaya fabrika (Minsk Cartographic Plant) for the "Seamless Fastening of Atlas Blocks". The 2nd prizes of 750 rubles were awarded to: 1) Ya. L. Bratslavskiy, V. M. Varzugin, Yu. N. Galitskiy, O. Y. Shetler and V. P. Stepanov (NRKCh) for "Technology of the Use of Standard Bases (tipovaya osnova)". 2) I. V. Gurevich, V. M. Varzugin,

Card 1/6

N. O. Radovil'skaya, O. D. Sheiker, L. I. Zharkova for "Technology of the Manufacture of Combined Diapositives" (NRKCh). 3) B. A. Larin (Moskovskoye AGP (Moscow AGP)) for "Reduction of Work in Evaluating the Accuracy of Symmetric Geodetic Nets Formed by Figures of Regular Shape". 4) N. Y. Shrezber (Novosibirskoye AGP (Novosibirsk AGP)) for "Light Collapsible Ladder of Dural for Prospecting". - The 3rd prizes of 500 rubles each were awarded to : 1) I. F. Sheraldin (Yakutskoye AGP (Yakutsk AGP)) for "Establishment of Fixed Points by the Method of Thawing by Means of Vapor". 2) I. D. Ol'shanskiy (Yakutskoye AGP (Yakutsk AGP)) for "Construction of an Overhead Trolley for Timber Transport". 3) I. A. Kyzin (Moskovskoye AGP (Moscow AGP)) for "Variation in the Attachment of Photographs on the STD-2". 4) V. F. Zarubin (Moskovskoye AGP (Moscow AGP)) for "Raising of Geodetic Sighs by 5-7 Meters". 5) D. I. Smirnov, I. V. Gurevich, Z. I. Aleksandrova, V. M. Varzugin, V. K. Kirillov and I. Ye. Kislyakov (NRKCh) for "Technology of the Completion and Edition of Topographic Maps by the Photorelief Method". 6) M. F. Glushanin (Minskaya kartograficheskaya fabrika (Minsk Cartographic Institute)) for "Vertical Piling Machine for Brochures". 7) A. A. Ynukov

Card 2/6

(Tashkentskaya kartograficheskaya fabrika (Tashkent Cartographic Institute)) for "Mechanism for the Loading of Trucks With Paper Rolls". 8) A. N. Tkachenko (Ukrainskoye AGP (Ukrainian AGP)) for "Replacement of the Arc Lamp for the Heliographic-printing Machine KP-1 by an Illuminating Device With Luminescent Lamps DS-40". 9) G. K. Grigor'yev (Sverdlovskoye AGP (Sverdlovsk AGP)) for "Ruler for Drawing in the Preparation of Map Compilations and Final Compilations". 10) L. G. Israilev (Severo-Zapadnoye AGP (North-west AGP)) for "Improvement of the Contact Mechanism in the Micrometer by Vedar". 11) S. M. Andreyev (Moskovskoye AGP (Moscow AGP)) for "Formulas and Form for a More Rational Computation of Superelevations From the Trigonometric Leveling". 12) D. G. Vil'ner (Sverdlovskoye AGP (Sverdlovsk AGP)) for "New Numbering and Painting of Leveling Staffs". 13) G. M. Grinberg (Moskovskoye AGP (Moscow AGP)) for "Formulas and Table for Extreme Divergences Between the Free Terms of Polar and Base Conditions Computed on a Plane and on a Ball". - Besides, the following suggestions were approved by the jury: 1) V. T. Trykov (Sverdlovskoye AGP (Sverdlovsk AGP)), "Underframe for Observations From the Telescopic Tower". 2) B. V. Osinskiy

Card 3/6

(Severo-Zapadnoye AGP (North-west AGP)) Template (palotka) for Determining the Corrections of Centering and Reducing With an Auxiliary Scale for Determining the Corrections of the Curvature of the Image of the Geodetic Line and of the Spheric Excess". 3) V. G. Maurerar (Moskovskoye AGP (Moscow AGP)), "Variation of the Construction of the Heliotrope". 4) G. M. Shlefendorf (Moskovskoye AGP (Moscow AGP)), "Zero Thermostat for the Gravimeters of the GAK-ZM-type". 5) P. I. Popov (Moskovskoye AGP (Moscow AGP)), "Device for Cutting Aluminum". 6) A. I. Fikhman and G. M. Grinberg (Moskovskoye AGP (Moscow AGP)), "Projecting Mast". 7) Ya. I. Negnevitskiy, N. A. Pashukevich and M. F. Glushenia (Minskaya kartograficheskaya fabrika (Minsk Cartographic Institute)), "A Workbench Device for Mixing Offset Colors". 8) I. L. Gintsberg (Tashkentskaya kartograficheskaya fabrika (Tashkent Cartographic Institute)), "Device for Grinding the Edges of Plate Glass". 9) A. A. Vnukov (Tashkentskaya kartograficheskaya fabrika (Tashkent Cartographic Institute)), a) "Mechanism for Inclining the Grinding Case". b) "Mechanism for Lifting the Trough With the Balls". 10) V. I. Yurchenko and S. A. Lonshteyn (Tashkentskaya kartograficheskaya fabrika (Tashkent Cartographic Institute)), "Automatic Switch-off of

Card 4/6

Arc Lamps". 11) I. V. Vasil'yeva (Tashkentskaya kartograficheskaya fabrika (Tashkent Cartographic Plant), "Increase in the Durability of Light-sensitive Rubber Solution (Adhesive)". 12) Y. N. Sher (Kiyevskaya kartograficheskaya fabrika (Kiyev Cartographic Plant), "Correspondence of the Stroke-elements on Topographic Maps With the Letters on the Machine Printing Forms". 13) V. V. Bozrikov, S. P. Yakunin (Rizhskaya kartograficheskaya fabrika (Riga Cartographic Plant), "On the Improvement in the Construction of Mechanisms for Pressing-on the Inking Rollers and Friction Drums on the Offset Machines 'Planeta-Super-Kvinta'". 14) A. Ya. Simanovskiy (Rizhskaya kartograficheskaya fabrika (Riga Cartographic Plant), "A Rational Method of Making Positives of Printing Forms of Relief Printing on Tracing Paper for Printing Books on Offset Machines". 15) O. M. Yankovskiy (Rizhskaya kartograficheskaya fabrika (Riga Cartographic Plant), "Synchronization and Automatization of the Switching on and off of Arc Lamps and of the Suction Fan in the Copying Department". 16) V. P. Alampiyev (Rizhskaya kartograficheskaya fabrika (Riga Cartographic Plant), "Variation in the Technology of Making Sets of Outline Maps of the Fifth Class".

Card 5/6

17) V. V. Il'yushin (Rizhskaya kartograficheskaya fabrika (Riga Cartographic Plant), "Preparation of Collecting- and Corresponding Positives by the Method of the Washed-out Relief on 'vinipros'". 18) V. N. Dzjochkin (Tbilisskaya kartograficheskaya fabrika (Tbilisi Cartographic Plant), "Switching off the Motor of the Compressor on the Copying Frame by Means of the Change Lever for Lifting the Glass and by Means of the Vacuum". 19) D. I. Maikava (Tbilisskaya kartograficheskaya fabrika (Tbilisi Cartographic Plant), "Device for Laying on the Negatives in Copying". 20) N. M. Serbin (Tbilisskaya kartograficheskaya fabrika (Tbilisi Cartographic Plant), "Device for Drying Paper on Offset Machines". 21) S. M. Konstantinova (Tbilisskaya kartograficheskaya fabrika (Tbilisi Cartographic Plant), "Progressive Method and Procedure for the Preparatory Work in Calculating and Plotting the Geographic Network on Maps to Be Compiled". 22) K. I. Mironov (NRKCh) "A Workbench for Repairing the Guides of the Offset Machine". 23) Yu. P. Tarasov (NRKCh) "Device for Regulating the "taler" of the Offset Machine". 24) Ye. K. Klyuchanskaya and S. V. Nesterova (NRKCh) "Improving the Method of Precipitating the Silver Nitrate in Used Solutions".

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BRATSLAVSKIY, YA. L.

3(2), 3(4) SOV/6-59-7-4/25

AUTHOR: Sokolova, O. I.

TITLE: Results of the Competition for the Best Improving Suggestion (Itogi konkursa na luchsheye ratsionalizatorskoye predlozheniye)

PERIODICAL: Geodeziya i kartografiya, 1959, Nr 7, pp 17-21 (USSR)

ABSTRACT: In May 1959, the ordinary competition for the best improving suggestion in the field of topographic-geodetic and cartographic production was concluded at the Glavnoye upravleniye geodezii i kartografii MVD SSSR (Main Administration of Geodesy and Cartography of the Ministry of Internal Affairs of the USSR). 7 aerogeodetic services, 8 cartographic institutes and NRKCh took part. A total of 30 topographic-geodetic, and 31 cartographic, suggestions were submitted. The 1st prize of 1,000 rubles was awarded to V. A. Morozov and V. V. Urusov (Minskaya kartograficheskaya fabrika (Minsk Cartographic Plant) for the "Seamless Fastening of Atlas Blocks". The 2nd prizes of 750 rubles were awarded to: 1) Ya. L. Bratslavskiy, V. M. Varzugin, Yu. N. Galitskiy, O. F. Shetler and V. P. Stepanov (NRKCh) for "Technology of the Use of Standard Bases (tipovaya osnova)". 2) I. V. Gurevich, V. M. Varzugin,

Card 1/6

Results of the Competition for the Best Improving Suggestion

E. O. Radovil'skaya, O. D. Shetker, L. I. Zmeykova for "Technology of the Manufacture of Combined Diapositives" (NRKCh). 3) D. A. Larin (Moskovskoye AGP (Moscow AGP)) for "Reduction of Work in Evaluating the Accuracy of Symmetric Geodetic Nets Formed by Figures of Regular Shape". 4) N. V. Shreyber (Novosibirskoye AGP (Novosibirsk AGP)) for "Light Collapsible Ladder of Dural for Prospecting". - The 3rd prizes of 500 rubles each were awarded to : 1) I. F. Shevaldin (Yakutskoye AGP (Yakutsk AGP)) for "Establishment of Fixed Points by the Method of Thawing by Means of Vapor". 2) V. D. Ol'shanskiy (Yakutskoye AGP (Yakutsk AGP)) for "Construction of an Overhead Trolley for Timber Transport". 3) I. A. Kyzin (Moskovskoye AGP (Moscow AGP)) for "Variation in the Attachment of Photographs on the STD-2". 4) V. F. Zarubin (Moskovskoye AGP (Moscow AGP)) for "Raising of Geodetic Signs by 5-7 Meters". 5) D. I. Smirnov, I. V. Gurevich, Z. I. Aleksandrova, V. M. Varzugin, V. K. Kirillov and I. Ye. Kislyakov (NRKCh) for "Technology of the Completion and Edition of Topographic Maps by the Photorelief Method". 6) M. F. Glushanin (Minskaya kartograficheskaya fabrika (Minsk Cartographic Institute)) for "Vertical Piling Machine for Brochures". 7) A. A. Vnukov

Card 2/6

Results of the Competition for the Best Improving Suggestion

(Tashkentskaya kartograficheskaya fabrika (Tashkent Cartographic Institute)) for "Mechanism for the Loading of Trucks With Paper Rolls". 8) A. N. Tsokolenko (Ukrainskoye AGP (Ukraihian AGP)) for "Replacement of the Arc Lamp for the Heliographic-printing Machine KP-1 by an Illuminating Device With Luminescent Lamps DS-40". 9) G. M. Grigor'yev (Sverdlovskoye AGP (Sverdlovsk AGP)) for "Ruler for Drawing in the Preparation of Map Compilations and Final Compilations". 10) L. G. Izrailev (Severo-Zapadnoye AGP (North-west AGP)) for "Improvement of the Contact Mechanism in the Micrometer by Vodar". 11) S. M. Andreyev (Moskovskoye AGP (Moscow AGP)) for "Formulas and Form for a More Rational Computation of Superelevations From the Trigonometric Leveling". 12) D. G. Vil'ner (Sverdlovskoye AGP (Sverdlovsk AGP)) for "New Numbering and Painting of Leveling Staffs". 13) G. M. Grinberg (Moskovskoye AGP (Moscow AGP)) for "Formulas and Table for Extreme Divergences Between the Free Terms of Polar and Base Conditions Computed on a Plane and on a Ball". - Besides, the following suggestions were approved by the jury: 1) V. T. Trykov (Sverdlovskoye AGP (Sverdlovsk AGP)), "Underframe for Observations From the Telescopic Tower". 2) B. V. Osinskiy

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Results of the Competition for the Best Improving Suggestion

(Severo-Zapadnoye AGP (North-west AGP))Template(paletka)for"Determining the Corrections of Centering and Reducing With an Auxiliary Scale for Determining the Corrections of the Curvature of the Image of the Geodetic Line and of the Spheric Excess". 3) V. G. Mauyerer (Moskovskoye AGP (Moscow AGP)) , "Variation of the Construction of the Heliotrope". 4) G. M. Shlefendorf (Moskovskoye AGP (Moscow AGP)), "Zero Thermostat for the Gravimeters of the GAK-ZM-type". 5) P. I. Popov (Moskovskoye AGP (Moscow AGP)), "Device for Cutting Aluminum". 6) A. I. Fikhman and G. M. Grinberg (Moskovskoye AGP (Moscow AGP)), "Prospecting Mast". 7) Ya. I. Negnevitskiy, N. A. Pashukevich and M. F. Glushanin (Minskaya kartograficheskaya fabrika (Minsk Cartographic Institute)), " A Workbench Dovice for Mixing Offset Colors". 8)I. L. Gintsberg (Tashkentskaya kartograficheskaya fabrika (Tashkent Cartographic Institute)), "Device for Grinding the Edges of Plate Glass". 9) A. A. Vnukov (Tashkentskaya kartograficheskaya fabrika (Tashkent Cartographic Institute)), a) "Mechanism for Inclining the Grinding Case". b)"Mechanism for Lifting the Trough With the Balls". 10) V. I. Yurchenko and S. A. Lonshteyn (Tashkentskaya kartograficheskaya fabrika (Tashkent Cartographic Institute)), "Automatic Switch-off of

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Arc Lamps". 11) I. V. Vasil'yeva (Tashkentskaya kartograficheskaya fabrika (Tashkent Cartographic Plant), "Increase in the Durability of Light-sensitive Rubber Solution (Adhesive)". 12) V. M. Sher (Kiyevskaya kartograficheskaya fabrika (Kiyev Cartographic Plant), "Correspondence of the Stroke-elements on Topographic Maps With the Letters on the Machine Printing Forms". 13) V. V. Bozrikov, S. F. Yakunin (Rizhskaya kartograficheskaya fabrika (Riga Cartographic Plant), "On the Improvement in the Construction of Mechanisms for Pressing-on the Inking Rollers and Friction Drums on the Offset Machines 'Planeta-Super-Kvinta'". 14) A. Ya. Simanovskiy (Rizhskaya kartograficheskaya fabrika (Riga Cartographic Plant), "A Rational Method of Making Positives of Printing Forms of Relief Printing on Tracing Paper for Printing Books on Offset Machines". 15) O. M. Yankovskiy (Rizhskaya kartograficheskaya fabrika (Riga Cartographic Plant), "Synchronization and Automatization of the Switching on and off of Arc Lamps and of the Suction Fan in the Copying Department". 16) V. F. Alampiyev (Rizhskaya kartograficheskaya fabrika (Riga Cartographic Plant), "Variation in the Technology of Making Sets of Outline Maps of the Fifth Class"

17) V. V. Il'yushin (Rizhskaya kartograficheskaya fabrika (Riga Cartographic Plant), "Preparation of Collecting- and Corresponding Positives by the Method of the Washed-out Relief on 'viniproz'". 18) V. M. Dudochkin (Tbilisskaya kartograficheskaya fabrika (Tbilisi Cartographic Plant), "Switching off the Motor of the Compressor on the Copying Frame by Means of the Change Lever for Lifting the Glass and by Means of the Vacuum". 19) D. I. Matkava (Tbilisskaya kartograficheskaya fabrika (Tbilisi Cartographic Plant), "Device for Laying on the Negatives in Copying". 20) N. M. Serbin (Tbilisskaya kartograficheskaya fabrika (Tbilisi Cartographic Plant), "Device for Drying Paper on Offset Machines". 21) S. M. Konstantinova (Tbilisskaya kartograficheskaya fabrika (Tbilisi Cartographic Plant), "Progressive Method and Procedure for the Preparatory Work in Calculating and Plotting the Geographic Network on Maps to Be Compiled". 22) K. I. Mironov (NRKCh) "A Workbench for Repairing the Guides of the Offset Machine". 23) Yu. P. Tarasov (NRKCh) "Device for Regulating the "taler" of the Offset Machine". 24) Ye. N. Klyuchanskaya and S. V. Nesterova (NRKCh) "Improving the Method of Precipitating the Silver Nitrate in Used Solutions".

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