L 62534-65

ACCESSION NR: AP5012648 4

with a gallium film 10^{-5} mm thick are shown in fig. 1 of the Enclosure. This shows that experiments of 1 and 3 hours duration yield identical results, while in longer experiments the results are distorted by the tendency of the foil to shrink even under extremely high loads. Measurements of surface tension are shown in fig. 2 of the Enclosure for pure zinc and for zinc foil covered with various quantities of gallium. Graphs are also given for surface tension and absorption as functions of the concentration of gallium in zinc, and for the relationship between elongation of zinc foil coated with lead (0.2 μ) and load at 380°C. "The authors are deeply grateful to Professor A. A. Zhukhovitskiy, Doctor of physical and mathematical sciences Ye. D. Shchukin and Candidate of chemical sciences L. A. Kochanova for valuable comments during discussion of the results of the work." Orig. art. has: 4 figures, 1 table.

ASSOCIATION: Institut fizicheskoy khimii AN SSSR, Moscow (Institute of Physical Chemistry, AN SSSR)

SUBMITTED: 15Oct64 ENCL: 02 SUB CODE: SS, MM

NO REF SOV: 005 OTHER: 002

Card 2/4

L 62534-65

ACCESSION NR: AP5012648

ENCLOSURE: 01

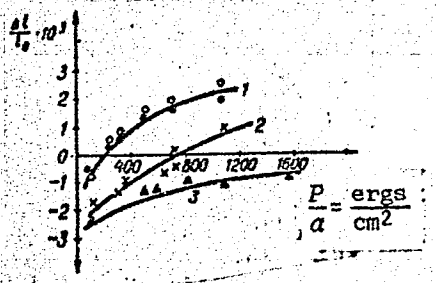

Fig. 1. Relationship between relative elongation of zinc foil coated with gallium (0.1 μ) and load at 380°C.
1--O--1 hr; ●--3 hrs;
2--x--5 hrs; 3--▲--8 hrs.

Card 3/4

L 62534-65

ACCESSION NR: AP5012648

ENCLOSURE: 02

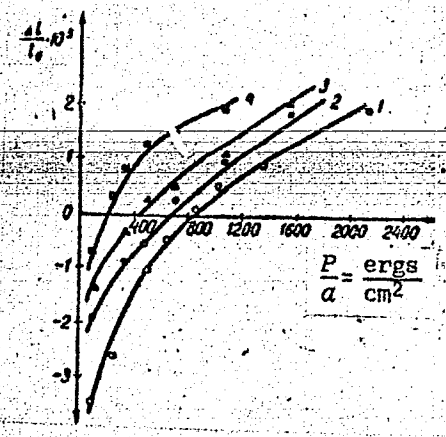

Fig. 2. Relative elongation of zinc foil coated with gallium layers of various thicknesses as a function of loading at 380°C and 3 hours isothermal holding. 1--zinc foil without coating; 2--~0.005 μ; 3--~0.02 μ; 4--~0.1μ

Card 4/4

KOCHANOVA, L.A.; ZANOZINA, Z.M.; SHCHUKIN, Ye.D.; LIKHTMAN, V.I.; REBINDER, P.A.

Using the emulsification occurring in the demixing of molten metals to refine the structure of alloys. Fiz. met. i metalloved. 20 no.4:555-560 O '65. (MIRA 18:11)

1. Institut fizicheskoy khimii AN SSSR.

LIKHTMAN, V.I.; BRYUKHANOVA, L.S.; ANDREYEVA, I.A.; REBINDER, P.A., akademik

Decrease of the surface tension of solid metals when atoms of surface-active metallic melts are adsorbed on their surface. Dokl. AN SSSR 160 no.4:867-870 F '65.

(MIRA 18:2)

1. Institut fizicheskoy khimii AN SSSR.

L 43214-65 EWT(m)/T/EWP(t)/EWP(b)/EWA(c) IJP(c) JD

ACCESSION NR: AP5007664 S/0020/65/160/006/1355/1357

AUTHOR: Shchukin, Ye. D., Zanozina, Z. M., Kochanova, L. A., Likhtman, V. I., Rebinder, P. A. (Academician)

TITLE: The possibility of preparing alloys with a highly dispersed structure by hardening alloy emulsions

SOURCE: AN SSSR. Doklady, v. 160, no. 6, 1965, 1355-1357, and insert facing p. 1333

TOPIC TAGS: alloy structure, dispersed alloy, alloy emulsion hardening, zinc alloy, lead alloy, tin alloy, cast alloy

ABSTRACT: The authors studied the possibility of controlling the structural dispersion of a solid prior to its formation from an emulsion with low interphase tensions, using the Zn-Pb-Sn system as a convenient, readily melting, model (see Fig. 1 of the Enclosure). Samples with ≥ 99.99% Zn, Pb and Sn and having a combined weight of 40 g were intensively mixed by vibration, and heated, in tightly closed, cylindrical 70 x 20 mm steel crucibles, to temperatures 50-100C higher than that of the liquid-phase stratification region. Then the temperature was reduced to a selected point (T_1) within the stratification region. After maintaining the temperature for half an hour to achieve equilibrium the crucibles were cooled at a rate of

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L 43214-65
ACCESSION NR: AP5007664

15C/sec to the ambient temperature and cut along the cylinder generatrices. The metallographic sections, prepared by electrolytic etching from the halves of the casts, were then examined with an MIM-8 microscope. The different structural patterns obtained in several series of experiments, by varying T1, the concentration of and the ratio between the components, are believed to indicate a possibility of effectively controlling structural patterns by this method. Orig. art. has: 4 figures.

ASSOCIATION: Institut fizicheskoy khimii Akademii nauk SSSR (Physical Chemistry Institute, Academy of Sciences, SSSR)

SUBMITTED: 26Sep64 ENCL: 01 SUB CODE: MM

NO REF SOV: 002 OTHER: 002

Card 2/3

L 43214-65
ACCESSION NR: AP5007664

ENCLOSURE: 01

0

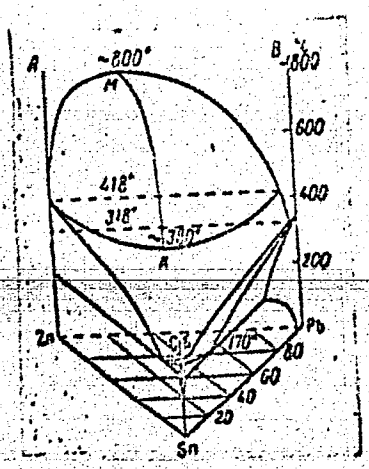

Fig. 1. Phase diagram of the Zn-Pb-Sn system.

me

Card 3/3

L 10771-66 EWT(m)/EPF(n)-2/T/EWP(t)/EWP(z)/EWP(b)/EWA(c) IJP(c) JD/WW/HW/JG

ACC NR: AP5027140 SOURCE CODE: UR/0126/65/020/004/0555/0560

AUTHOR: Kochanova, L. A.; Zanozina, Z. M.; Shchukin, Ye. D.; Likhtman, V. I.; Rebinder, P. A.

ORG: Institute of Physical Chemistry AN SSSR (Institut fizicheskoy khimii AN SSSR)

TITLE: Use of emulsification for refining the structure of alloys with a limited solubility of components in the liquid state

SOURCE: Fizika metallov i metallovedeniye, v. 20, no. 4, 1965, 555-560

TOPIC TAGS: alloy, alloy structure, structure refining, alloy emulsification

ABSTRACT: An attempt has been made to refine the structure of alloys whose components have a limited solubility in the liquid state by emulsification, i.e., vibration applied at temperatures above the liquidus curve. The experiments were carried out with Zn-Pb-Sn alloys melted from components of no less than 99.99% purity. The crucible containing 40 g of molten alloy metal was heated to a temperature 50—100C higher than that of "layering" and subjected to intensive vibration, then cooled to a temperature below that of layering, held for 30 min, again subjected to vibration, and water cooled. It was found that this treatment produced a fine-grained alloy structure, especially when final vibration was applied at 400—600C. This opens the possibility of using colloid chemistry in the field of metal science to control the structure of alloys. The experiments should be expanded to higher melting alloys.

UDC: 548.5

Card 1/2

L 10771-66

ACC NR: AP5027140

6

such as Cu-Co, Cu-Mo, Cu-Cr, using nickel and iron as the third component in order to lower the interphase tension. Orig. art. has: 4 figures. [AZ]

SUB CODE: 11/ SUBM DATE: 20Oct64/ ORIG REF: 003/ OTH REF: 002/ ATD PRESS: 4168

Card 2/2

L 1638-66 EWT(m)/EWP(w)/EPF(c)/EWA(d)/T/EWP(t)/EWP(b)/EWA(h)/EWA(c) LJP(c)
JD/WB

ACCESSION NR: AP5014852 UR/0020/65/162/003/0549/0551

AUTHORS: Kurochkin, N. V.; Likhtman, V. I. 44,55 44,55

TITLE: Influence of surface-active substances on processes occurring in ultrasonic metal finishing

SOURCE: AN SSSR. Doklady, v. 162, no. 3, 1965, 549-551

TOPIC TAGS: surface active agent, ultrasonic machining

ABSTRACT: The authors investigated in detail the influence of different surface-active substances and the efficiency of ultrasonic metal finishing, depending on the nature of the substances, on the orientation, the type of solvent, the temperature, and viscosity. The metals investigated were copper, aluminum, iron, nickel, zinc, and lead, in pure form. The experiments were carried out at 18.5 kcs and an amplitude of 23 μ. The tool used was a silver steel cylindrical indentor 5 mm in diameter. The surface active substances were oleinic, caprinic, and enanthic acids and decyl and butyl alcohol, and the solvents were benzene, mineral oil, and undecabe. The abra-

Card 1/4

L 163[illegible]66

ACCESSION NR: AP5014852 2

sive was finely powdered boron carbide. A typical plot of the relative amount V/V_0 of metal removed by ultrasonic means (V -- metal removed in milligrams per minute in an active medium, V_0 -- in pure solvent) against the concentration of the active component (acid) is shown in Fig. 1 of the Enclosure and is typical of all tested metals except lead, for which the productivity decreases somewhat in the presence of surface-active substances. The results are interpreted in light of the effect of the molecules from the carbon chain of the adsorbed surface-active material on the friction between the abrasive and the metal. The distinctive behavior of lead is attributed to its easy recrystallization.[4] The temperature dependence of the effect was also studied and the results show that the maximum effect of the surface-active substances occurs at 35 -- 40°. Neither the frequency (10 -- 20 kcs) nor the amplitude (23 -- 38 μ) exerted a noticeable influence on the finishing process. This report was presented by P. A. Rebinder. Orig. art. has: 2 figures.

Card 2/4

L 1638-66

ACCESSION NR: AP5014852

3

ASSOCIATION: Institut fizicheskoy khimii Akademii nauk SSSR (Institute of Physical Chemistry, Academy of Sciences, SSSR)

44,55

SUBMITTED: 30Nov64 ENCL: 01 SUB CODE: IE,MM

NR REF SOV: 006 OTHER: 001

Card 3/4

L 1638-66

ACCESSION NR: AP5014852

ENCLOSURE: 01

Fig. 1. Dependenceoof relative productivity V/V_0 of ultrasonic finishing of copper on the concentration C of the surface-active substance in benzene at room temperature.

Card 4/4 OP

L 27826-66 EWT(m)/EWP(w)/EWP(k)/T/EWP(t)/ETI IJP(c) JD/HW/DJ

ACC NR: AP6015612 (N) SOURCE CODE: UR/0020/66/168/002/0328/0331

AUTHOR: Kanayev, A. A.; Veyler, S. Ya.; Likhtman, V. I.; Rebinder, P. A. (Academician)

ORG: Institute of Physical Chemistry, AN SSSR (Institut fizicheskoy khimii AN SSSR)

TITLE: Relaxation phenomena in metal plastic deformation under friction

SOURCE: AN SSSR. Doklady, v. 168, no. 2, 1966, 328-331

TOPIC TAGS: metal deformation, plastic deformation, stress relaxation, lubricant surface active agent

ABSTRACT: The relaxation phenomena in metal specimens, a copper rod 10.6 mm in diameter drawn through a die 10 mm in diameter, and a copper ball 9.6 mm in diameter calibrated (i.e., forced through a tube 9 mm in diameter) have been studied. The deformation was done with and without surface-active and nonsurface-active (copper oleate, vaseline and a mixture of vaseline + 3% oleic acid) lubricants. Results showed that surface-active lubricants intensify relaxation processes in the surface layers of the deformed metal and that their effect on the relaxation kinetics depends on the stress state of the surface layer. Surface-active lubricants accelerate relaxation in drawing (compared with dry drawing). In dry calibration, practically no metal relaxation occurs. In this case, surface-active lubricants activate the relaxation and reduce residual stresses. In prolonged holding of the specimens under stress (about 200 hr) in both drawing and calibration, the axial stress (the pulling or

Card 1/2 UDC: 531.44+539.621

L 27826-66

ACC NR: AP6015612

pushing force), under the action of relaxation, decreases to a certain minimum stress, which depends on the conditions at the contact surfaces. This minimum stress corresponds to a minimum shear stress required for shear plastic deformation in the friction layer. The normal pressure on the die wall also slightly decreases, with the decrease approximating the relaxation curve. Orig. art. has: 3 figures. [MS]

SUB CODE: 11/ SUBM DATE: 09Feb66/ ORIG REF: 004/ ATD PRESS: 5003

Card 2/2

SOURCE CODE: UR/0137/66/000/009/A007/A007

ACC NR: AR6035407

AUTHOR: Likhtman, V. I.; Bryukhanova, L. S.; Andreyeva, I. A.

TITLE: Measurement of surface tension of hard metals in the presence of adsorption layers of surface-active metallic alloys

SOURCE: Ref. zh. Metallurgiya, Abs. 9A41

REF. SOURCE: Sb. Poverkhnostn. yavleniya v rasplavakh i voznikayushchikh iz nikh tverd. fazakh. Nal'chik, 1965, 438-442

TOPIC TAGS: surface tension, alloy, adsorption, surface active coating, metal surface

ABSTRACT: The author determined experimentally the surface tension σ of solid Zn which adsorbed different amounts of Ga on its surface. σ was determined by the Tamman "zero" creep method. A foil of Zn 7 x 10^{-3} cm thick was used; the Fa film (5 x 10^{-7} -- 1 x 10^{-5} cm) was deposited electorlytically. σ experiences maximum reduction when the Ga film thickness is 0.1 μ. A tentative estimate of the depth of the diffusion penetration of Ga and Zn makes it possible to propose that the maximum reduction of σ corresponds to a monomolecular layer of Ga on the surface of Zn. 3 illustrations. Bibliography, 7 titles. (From RZh Khim.) [Translation of abstract]

SUB CODE: 20, 11

UDC: 669.532.61

Card 1/1

ACC NR: AM5015045 BOOK EXPLOITATION UR/

Shatalova, Irina Georgiyevna (Candidate of Technical Sciences); Gorbunov, Nikolay Stepanovich (Professor; Doctor of Chemical Sciences); Likhtman, Vladimir Iosifovich (Professor; Doctor of Physical-Mathematical Sciences)

Physical-chemical principles of vibration compacting of powdered materials (Fiziko-khimicheskiye osnovy vibratsionnogo uplotneniya poroshkovykh materialov) Moscow, Izd-vo "Nauka", 1965. 162 p. illus., biblio. Errata printed inside back cover. 2500 copies printed. (At head of title: Akademiya nauk SSSR. Institut fizicheskoy khimii) Editor: A. L. Chernyak; Technical editors: O. G. Ul'yanova, O. M. Gus'kova; Managing editor: Academician P. A. Rebinder

TOPIC TAGS: ceramic processing, ceramic technology, cermet, powdered material, powder metal compaction, powder metal molding, powdered glass, vibration compacting, vibration packing

PURPOSE AND COVERAGE: This monograph was intended for a wide circle of engineers and personnel in the plant laboratories in all branches of metallurgy, the construction and silicate industries, and production of fine ceramics and refractories, and also instructors, aspirants and students in higher educational institutions connected with the indicated fields of technology, as well as scientific personnel in the corresponding research institutes. The authors describe the new, extremely valuable method,

UDC: 66.08/.09:66.094.5:621.929.7

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ACC NR: AM5015045

developed by them, for pressing powder materials by applying vibration packing. The technological and economic advantages of this method are tremendous, especially for powders of very hard, strong materials, such as carbides, borides, metals, ceramics, ferrites, etc.. The authors present a detailed and systematic description of investigations on the process of packing various powdered materials, depending on numerous physical-chemical factors: frequency and amplitude of vibration, granulometric composition of the powder, additions of surface-active lubricants, etc. This new demarcation in knowledge has been developed principally in the Institute of Physical Chemistry of the Academy of Sciences of the USSR, in the Section of Dispersed Systems (Otdel dispersnykh sistem), under the over-all direction of Academician P. A. Rebinder.

TABLE OF CONTENTS (ABRIDGED):

Introduction - - 3
Ch. I. Theory and methods of forming objects from powders - - 6
Ch. II. Characteristic peculiarities of free-flowing materials - - 19
Ch. III. Application of vibration for compacting free-flowing materials - - 34
Ch. IV. Methodology of investigation and apparatus - - 67
Ch. V. Laws governing compacting of powders under vibration - - 78
Ch. VI. Physical-chemical laws of the effect of various additives on the process of vibration packing of powders - - 118
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ACC NR: AM5015045

Literature - - 156

SUB CODE: 11,13 /SUBM DATE: 23Jan65 /ORIG REF: 115 /OTH REF: 061

Card 3/3

ACC NR: AT7004173 SOURCE CODE: UR/0000/66/000/000/0221/0226

AUTHOR: Veyler, S. Ya.; Petrova, N. V. Zalivalov, F. P.; Tomashov, N. D.; Likhtman, V. I. (Deceased)

ORG: none

TITLE: Effect of anodizing on friction in hot and cold drawing of aluminum

SOURCE: AN SSSR. Institut fizicheskoy khimii. Korroziya i zashchita konstruktsionnykh splavov (Corrosion and protection of structural alloys) Moscow, Izd-vo Nauka, 1966, 221-226

TOPIC TAGS: METAL drawing, ~~aluminum~~ cold drawing, ~~aluminum~~ anodic oxidation, aluminum drawing lubricant, DRAWN ALUMINUM, ALUMINUM OXIDE, METALFILM

ABSTRACT: The role of oxide films in cold and hot drawing of aluminum has been investigated. It was found that aluminum-oxide films formed on the surface of specimens by long exposure to the atmosphere at 20—300°C did not affect the process of drawing. However, aluminum-oxide films formed by anodizing prevented the sticking of metal to the die and decreased the resistance to drawing. Oxide film, 10 μ thick, decreased the cold drawing resistance from 600 to 210 kg, and the hot-drawing resistance at 300°C from 200 to 150 kg. Anodizing was particularly beneficial in hot drawing: without lubrication it was impossible to draw aluminum even at 1% reduction, but anodized aluminum was hot drawn with up to 13—15% reduction.

SUB CODE: 13/ SUBM DATE: 27Sep66/ ORIG REF: 007/

Card 1/1 UDC: none

LIKHTMAN, V.N.; SMOLYANSKIY, M.L.

Lubricants containing surface-active agents in power metal production and their stabilizing (anticorrosive) effect. Uch. zap.MGZPI no.3:262-273 '59. (MIRA 13:5)
(Surface active agents) (Powder metal processes)
(Lubrication and lubricants)

LIKHTNER, Khayuta, Inzh.

Separation filter. Vest. sviazi 25 no.7:31-32 Jl '65. (MIRA 12:8)

1. Narodnoye predpriyatiye RFT-Funkverk-Kepenik, Germanskaya Demokraticheskaya Respublika.

FRENKEL', Z.L., inzh.; LIKHTOROVICH, F.F., tekhnik

Conventional units for determining the classes of electric networks. (MIRA 12:3)
Elek.sta. 28 no.12:82-83 D '57.
(Electric networks)

LIKHTCROVICH, P. K.

"Atypical Forms of Typhus-Paratyphoid Diseases and Their Evaluation From Epidemiological Viewpoints." Thesis for degree of Cand. Medical Sci. Sub 21 Jun 49, Central Inst for the Advanced Training of Physicians.

Summary 82, 18 Dec 52, Dissertations Presented For Degrees in Science and Engineering in Moscow in 1949. From Vechernyaya Moskva, Jan-Dec 1949.

LIKHTOROVICH, P.K.

LIKHTOROVICH, P.K., kandidat meditsinskikh nauk; KOZLOVA, S.A.; RUBTSOVA, M.A.; LIKHTOROVICH, S.A.; ZHELEZNYAK, R.M.; SMOGORZHEVSKAYA, I.Ye.

Primary dysentery in infants and its duration. Pediatriia no.2: 36-38 Mr-Ap '54. (MLRA 7:6)

1. Iz otdeleniya epidemiologii (zav. chlen-korrespondent AMN SSSR prof. S.N.Ruchkovskiy) Instituta infektsionnykh bolezney AMN SSSR (dir. prof. I.L.Bogdanov)
(DYSENTERY, in infant and child, *duration)

KHOMENKO, G.I., prof., red.; MAKSIMOVICH, N.A., prof., red.; CHAPURSKAYA, N.A., starshiy nauchnyy sotrudnik, red.; LIKHTOROVICH, P.K., red.; DUBINSKAYA, Ye.A., red.; GITSHTEYN, A.D., tekhred.

[Dysentery; epidemiology, pathogenesis, clinical aspects, and therapy] Dizenteriia; epidemiologiia, patogenez, klinika i terapiia. Red.kol. G.I.Khomenko i dr. Kiev, Gos.med.izd-vo USSR, 1959. 270 p. (MIRA 13:5)

1. Akademiya meditsinskikh nauk SSSR, Moscow. Institut infektsionnykh bolezney. 2. Institut infektsionnykh bolezney AMN SSSR (Kiyev) (for Khomenko, Maksimovich, Likhtorovich, Dubinskaya).
(DYSENTERY)

LIKHTOROVICH, S.A. [Likhtorovych, S.O.]

Methods of isolating virus in nervous forms of epidemic parotitis. Mikrobiol.zhur. 26 no.4:75-79 '64. (MIRA 18:10)

1. Institut infektsionnykh bolezney Ministerstva zdravookhraneniya UkrSSR.

LIKHTOROVICH, S. A.

From Russian for Dr. Roger M. Cole

(Photocopy from the book)
"Scarlatina" edited by
Prof. I. L Bogdanov, AMN,
SSSR, Kiev, 1956, pp. 129-135

On Leading Serotypes of Hemolytic Streptococcus during Scarlet Fever

by

S. A. Likhtorovich

Translated at the National Institutes of Health, Bethesda, Maryland.
Full translation available in [redacted]/61.

LIKHTOROVICH, S. A., Cand Med Sci -- (diss) "Sensitivity of hemolytic streptococci to antibiotics and problems of rational antibiotic therapy in scarlet fever." Kiev, 1960. 12 pp; (Kiev Order of Labor Red Banner Medical Inst im Academician A. A. Bogomol'tsa); 200 copies; price not given; list of author's work on page 12 (11 entries); (KL, 21-60, 130)

MOROZKIN, N.I.; BITENBINDER, Ye.A.; PERVACHENKO, S.V.; BEREZNITSKAYA, S.A.; LIKHTOROVICH, S.A.; TRET'YAK, M.A.

Seroprophylaxis of influenza in children's institutions and hospitals. Vop. virus. 5 no. 6:682-686 N-D '60. (MIRA 14:4)

1. Institut infektsionnykh bolezney AMN SSSR, Kiyev.
(INFLUENZA)

S/122/61/000/002/006/011
A161/A126

AUTHORS: Artem'yev, V. F., Engineer, Likhtshteyn, I. M., Engineer

TITLE: New machines for surface hardening of large shafts and gears after heating with high-frequency current

PERIODICAL: Vestnik mashinostroyeniya, no. 2, 1961, 30 - 36

TEXT: A description is given of two surface-hardening machines installed in the Ural'skiy zavod tyazhelogo mashinostroyeniya (Ural Heavy Machinery Plant), developed in cooperation with the Vsesoyuznyy proyektno-tekhnologicheskiy institut tyazhelogo mashinostroyeniya VPTI TYaZhMASh (All-Union Heavy Machinery Design and Technology Institute). One of the machines is of vertical design for hardening shafts and shaft-gears of maximum 6,000 mm length at maximum 3,100 mm hardened section, up to 800 mm in diameter and 10 ton weight. Gears may be spur, helical, or herringbone, with 10 to 50 module. The heating inductor is fed from two generators, 200 kw each. The other accomodates gears 300 to 5,000 mm in diameter and up to 15 ton in weight, and consists of two hardening units and one carriage. Gears are placed on the carriage in the mechanical shop and transported to the hardening section. The two hardening units work simultaneously from diametrically

Card 1/2

opposite sides, each fed from a separate generator. The hardening method is continuous in both machines. The quenching medium is water, or emulsion. It is mentioned that 30% glycerine in water gives good results. The operation of the second machine is fully automatic. Spur, helical, herringbone and bevel gears may be hardened. The operation of both machines is described in detail. The machines are the first of their kind in the USSR. There are 6 figures.

ASSOCIATION: Uralmashzavod (The Ural Heavy Machinery Plant) (V.F. Artem'yev); VPTI TYaZhMASh (I. M. Likhtshteyn).

LIKHTSHTEYN, I.M., inzh.

Induction case hardening of the teeth of high-module gears, rings and bushings of toothed clutches. Vest.mashinostr. 43 no.3:63-67 Mr '63. (MIRA 16:3)

(Case hardening)

BUTKOVSKAYA, N.; LIKHTSINDER, M.

Processing the printing paper "Fototsvet." Sov.foto 18 no.12:40-43 D '58. (MIRA 11:12)
(Photography--Printing papers) (Color photography)

LIKHTSER, I.

PA 31/49T60

USSR/Medicine - Literature, Medical Sep/Oct 48
Medicine - Lungs

"Review of 'Pulmonary and Cardiopulmonary Insufficiency,'" I. Likhtsper, 4¼ pp

"Terapev Arkhiv" Vol XX, No 5

Book has many merits. Further work should eliminate its faults. Published in Sverdlovsk, 1947.

31/49T60

LIKHTSIYER, I. B.

"Alternate Aortal Inadequacy," Klin. Med.,

26, No. 3, 1948. Docent, Hosp. Therapeutic

Clinic, 2nd Moscow Med. Inst. im. I. V. Stalin,

-c1948-.

LIKHTSIYER, I.B., prof.

Subtropical anemias of Tajikistan. Trudy Stal.med. inst. 16:3-37 '55 (MIRA 11:8)

(TAJIKISTAN--ANEMIA)

- LIKHTSYER, I.B.

R-4

USSR/Human and Animal Morphology - Blood Formation.

Abs Jour : Referat Zhur - Biologii, No 16, 1957, 70552

Author : Gadzhiev Ch.D., Likhtsyer, I.B.
Title : Problem of Influence of Para- and Metamalarial Splenomegaly of the Red Blood Cells.

Orig Pub : Tr. Stalinab. gos. med. in-ta, 1955, 16, 39-46

Abstract : Blood investigations before and after spleenectomy in 19 with splenomegalic disease, showed that there was a unrelated and unsteady character in the changes of Hb and the No. of erythrocytes, therefore it is not possible to say in all cases of splenomegaly that it is hyperspleenism in the sense of necessity of erithropoetic disturbancel. The removal of spleen leads to the increase in the No. of leucocytes and thrombocytes in the peripheral blood. The comparison of blood going to the spleen with the out going, showed that the peticulocyte count in the splenal artery is higher than in the

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Abs Jour : Referat Zhur - Biologii, No 16, 1957, 70562

spleen vein.
This indicates the retension of a part of the reliculocytes in the pathologically increased spleen.

LIKHTSIYER, I.B., professor (Stalinabad)

Problems in the reflex aspects of viscero-visceral pathology.
Klin. med. 33 no.9:45-49 S '55. (MLRA 9:2)

1. Iz fakul'tetskoy terapevticheskoy kliniki Stalinabadskogo meditsinskogo instituta.
(ABDOMEN, pathology,
theory of reflex viscero-visceral pathol.)

LIKHTSIYER, I.B. POPOVA, N.L. BLYUMENTAL', R.F. LAVROVA, N.N.

"Therapy of Subtropical Anemias by Folic Acid, Vitamin B_{12}, and Iron," by Prof I. B. Likhtsiyer, N. L. Popova, R. F. Blyumental', and N. N. Lavrova, Faculty Therapeutic Clinic (head, Prof I. B. Likhtsiyer, Honored Worker of Science), Stalinabad Medical Institute, Problemy Gematologii i Perelivaniya Krovi, Vol 1, No 6, Nov/Dec 56, pp 25-32

Sixty-seven patients suffering from anemia were classified into three groups for appropriate therapy of chronic enterocholitis, hepatosplenomegaly, and the combination of both. Disturbance was noted in the metabolism of substances essential for hemopoiesis and especially folic acid, vitamin B_{12} and iron.

SUM. 1287

Blood studies revealed that:

1. Basic factors in the pathogenesis of subtropical anemias are the combined disturbance of the metabolism of folic acid, vitamin B_{12}, and iron, each of which is necessary for normal hemopoiesis.

2. Therapy by folic acid or vitamin B_{12} was effective in a significant percentage of cases.

3. Iron administered alone regardless of its deficiency was seldom effective, but after a course of therapy by vitamin B_{12} or folic acid, iron led to further rise of hemoglobin content.

4. Satisfactory results were obtained most frequently by a combination of folic acid or vitamin B_{12} with iron.

Sum. 1387

LIKHTSIYER, I.B., zasluzhennyy deyatel' nauki, prof.

Pathogenesis and treatment of subtropical anemias. Zdrav.Tadzh. 4 no.6:39-44 N-D '57. (MIRA 11:4)

1. Zaveduyushchiy kafedroy fakul'tetskoy terapii Stalinabadskogo meditsinskogo instituta im. Abuali ibni Sino (direktor-dotsent Z.P. Khodzhayev)
(ANEMIA)

LIKHTSIYER, I.B., prof.

Certain clinical and therapeutic aspects in liver cirrhosis.
Terap. arkh. 30 no.8:55-63 Ag '58 (MIRA 11:9)

1. Iz fakul'tetskoy terapevticheskoy kliniki Stalinabadskogo meditsinskogo instituta imeni Avitsenny.
(LIVER CIRRHOSIS,
clin. course & ther. (Rus))

LIKHTSIYER, I.B., prof.

Problems in the prevention of chronic hepatitis and cirrhosis of the liver in the light of regional pathological data. Kaz. med. zhur. no.3:23-25 My-Je '63. (MIRA 16:9)

1. Fakul'tetskaya terapevticheskaya klinika (zav. - prof. I.B.Likhtsiyer)Ryazanskogo meditsinskogo instituta imeni akademika Pavlova.

(LIVER--CIRRHOSIS)

LIKHTSIYER, I.B., prof. (Ryazan')

Review of A.IA. IAroshevskii's book "Endogenic stimulants of the hematopoiesis (hemopoietins)". Probl. gemat. i perel. krovi 10 no.2:57-58 F '64. (MIRA 19:1)

ABRAMOV, M.G., doktor med. nauk; ALEKSEYEV, G.A., prof.; ASTAPENKO, M.G., prof.; BUREYKO, V.M., dots.; VARSHAMOV, L.A., prof.; VINOGRADSKIY, A.B., KARPOVA, G.D.; KASSIRSKIY, I.A., prof.; KUSHKIY, R.O., doktor med. nauk; LIBERMAN, B.I.; LIKHTSIYER, I.B., prof.; LUZHETSKAYA, T.A., kand. med. nauk; MOISEYEV, S.G., prof.; NASONOVA, V.A., dots.; NESGOVOROVA, L.I.; POROSHINA, I.I.; PREOBRAZHENSKIY, A.P., dots.; RADVIL', O.S., prof.; RATNER, M.Ya., doktor med. nauk; RASHEVSKAYA, A.M., prof.; SEMENDYAYEVA, M.N., kand. med. nauk; SIGIDIN, Ya.S., kand. med. nauk; ARTEM'YEV, S.G., red.

[Therapeutist's handbook] Spravochnik terapevta. Izd.2., ispr. i dop. Moskva, Meditsina, 1965. 863 p.
(MIRA 18:6)

1. Deystvitel'nyy chlen AMN SSSR (for Kassirskiy).

LIKHTSHTEYN, I.M., inzhener

High frequency surface hardening of large-size machine parts.
Vest.mash.35 no.7:57-61 Jl'55. (MLRA 8:10)
(Steel--Hardening) (Cementation (Metallurgy)

SOV/117-59-4-3/36

25(3)

AUTHOR: Likhtenshteyn, I.M., Engineer

TITLE: The Automation of High-Frequency Surface-Hardening Processes for Large-Module Gears.

PERIODICAL: Mashinostroitel', 1959, Nr 4, pp 9-13 (USSR)

ABSTRACT: Detailed design and operational information is given on two new surface hardening installations for large gears, developed at the VPTI tyazhëlogo mashinostroyeniya (VPTI of Heavy Machine Building), working with induction heating with high-frequency currents and quenching. The first installation (Figure 2), consisting of two hardening sets and a trolley, is designed for hardening over the entire inter-tooth groove in a way to eliminate stress concentration at the tooth root (as shown in Figure 1), continually over the gear circumference. It accomodates gears of 300 to 5,000 mm diameter and up to 15 tons in weight, and is fully

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The Automation of High-Frequency Surface-Hardening Processes for Large-Module Gears.

automated except for the placing and removing of gears and setting for different gear sizes and kinds. The second installation (photo, Figure 5), designed for surface hardening of gears, as well as toothed clutches, is semi-automatic, accomodates work of 300-1,000 mm in diameter and up to 1,500 kg in weight, and works with simultaneous heating (also by induction) of one inter-tooth groove and the work surfaces of two teeth at a time (as shown in Figure 4). Both installations permit hardening of not only spur gears but also of helical and herringbone ones. There are 2 diagrams and 3 photographs.

LIKHTOROVICH, P.

Resolution of the Kiev Scientific Conference on problems in influenza. Vop.virus. 2 no.5:312-315 S-O '57. (MIRA 10:12)
(INFLUENZA)

VERZHKHOVSKAYA, A.A.; BONDARCHUK, Ye.A.; LIKHTOROVICH, S.A.

Data on conditions of appearance of complications in scarlet fever and their prevention. Pediatriia, Moskva no.6:41-45 Nov-Dec 1953. (CIML 25:5)

1. Of the Third Clinical Division (Head -- Prof. I. L. Bogdanov), Institute of Infectious Diseases (Director -- Prof. I. L. Bogdanov), Academy of Medical Sciences USSR.

LIKHTOROVICH, S.A.; MIKHAYLOVA, L.P.

Clinical and epidemiologic findings on convalescents following scarlet fever in early ambulation. Pediatriia, Moskva no.6:45-48 Nov-Dec 1953. (CLML 25:5)

1. Of the Epidemiology Division (Head -- Candidate Medical Sciences N. P. Kornyushenko), Institute of Infectious Diseases (Director -- Prof. I. L. Bogdanov), Academy of Medical Sciences USSR.

LIKHTOROVICH, S.A.

LIKHTOROVICH, P.K., kandidat meditsinskikh nauk; KOZLOVA, S.A.; RUBTSOVA, M.A.; LIKHTOROVICH, S.A.; ZHELEZNYAK, R.M.; SMOGORZHEVSKAYA, I.Ye.

Primary dysentery in infants and its duration. Pediatriia no.2: 36-38 Mr-Ap '54. (MLRA 7:6)

1. Iz otdeleniya epidemiologii (zav. chlen-korrespondent AMN SSSR prof. S.N.Ruchkovskiy) Instituta infektsionnykh bolezney AMN SSSR (dir. prof. I.L.Bogdanov)

(DYSENTERY, in infant and child, *duration)

LIKHTTSINDER, B.Ya.

Designing a phase-sensitive ferrodynamic relay based on the TRM polarized relay. Priborostroenie no.2:29 F '63. (MIRA 16:5)
(Electric relays)

KULIKOVSKIY, L.F.; LIKHTTSINDER, B.Ya.

Balancing of the measured vector quantity in comparing devices. Izm.tekh. no.5:31-34 My '63. (MIRA 16:10)

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L 41182-65 EWT(d)/EWP(c)/EWP(v)/T/EWP(k)/EWP(1) Pf-4
ACCESSION NR: AP5004677 S/0115/64/000/009/0058/0059

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B

AUTHOR: none

TITLE: Fourth scientific and technical conference on "Cybernetics for the improvement of measurement and inspection methods"

SOURCE: Izmeritel'naya tekhnika, no. 9, 1964, 58-59

TOPIC TAGS: cybernetics, electric measurement, electric quantity instrument, digital computer, electronic equipment, electric engineering conference

ABSTRACT: The conference was held 1-4 July at the All-Union Scientific Research Institute of Metrology by the Section of Electrical Measurements of the Council on the Problem of "Scientific Instrument Making" of the State Committee on Coordination of Scientific Research Work in the USSR together with the All-Union Scientific Research Institute of Electrical Measurement Instruments and the Leningrad Regional Administration of the Scientific and Technical Division of the Instrument Making Industry. More than 400 delegates from 29 cities of the country participated. Fifty-seven reports were heard and discussed. Reports were given by: P. V. NOVITSKIY (Leningrad)--"Definition of the Concept of Informational Error in Measurement and its Importance in Practical Use" and "On the Problem of the Average Informational Criterion of Accuracy Throughout the Entire Scale of an Instrument"; Ya. A.

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ACCESSION NR: AP5004677 17

KUPERSHMIDT (Moscow)--"On Determination of the Criteria of Accuracy for Measurement Devices"; S. M. MANDEL'SHTAM (Leningrad)--report on a new criterion of accuracy of measurement instruments; P. F. PARSHIN (Leningrad)--report on optimization when using Fourier transforms on electronic digital computers; S. P. DMITRIYEV, G. Ya. DOLGINTSEVA and A. A. IGNATOV (Leningrad)--proposal of a new method for solving problems of optimum filtering for non-stationary random signals and interference; I. B. CHELPANOV--"Calculation of the Dynamic Characteristics of an Optimum Complex Two-Channel System which Uses Signals from a Position Meter and from a Speed Meter"; R. A. POLUEKTOV (Leningrad)--"Optimum Periodic Correction in the Measurement of Continuous Signals"; S. P. ADAMOVICH (Moscow)--"Analysis and Construction of Devices for Correction of Non-linearity and Scaling for Unitary Codes; G. V. GORELOVA (Taganrog)--"A Method for Statistical Optimization in Graduating the Scales of Electrical Measuring Instruments"; M. A. ZEMEL'MAN (Moscow)--"Analog-Digital Voltage Converter with Automatic Error Correction"; B. N. MALINOVSKIY, V. S. KALENCHUK and I. A. YANOVICH (Kiev)--"Automatic Monitoring of the Parameters of the Electrical Signals of Complex Radio and Electronic Equipment"; V. P. PEROV (Moscow)--"Operational Cybernetics as an Independent Scientific Specialization"; Ye. N. GIL'BO (Leningrad)--"On the Problem of Effective Non-linear Scales"; A. I. MARKELOV (Moscow)--"Devices for Preliminary Processing of the Results of Measurements Presented in the Form of

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ACCESSION NR: AP5004677

Graphic Recordings For Subsequent Introduction of the Information into Universal Digital Computers"; O. M. MOGILEVER and S. S. SOKOLOV (Leningrad)--"On a Method for Reducing Excess Information"; T. V. NIKOLAYEVA (Leningrad)--"A Device for Temporal Discretization of Continuous Signals"; A. A. LYOVIN and M. L. BULIS (Moscow)--"Optimization of the Transmission of Telemetric Information as a Means for Raising the Efficiency and Eliminating Interference"; D. E. GUKOVSKIY (Moscow)--"On a Statistic Approach to the Detection of Events in Automatic Inspection"; M. I. LANIN (Leningrad)--"Method for Calculating the Holding Time of Communications in a Centralized Inspection System or Constant Servicing Time"; O. N. BRONSHTEYN, A. L. RAYKIN and V. V. RYKOV (Moscow)--"On a Single-Line Mass Service System with Losses"; V. M. SHLYANDIN (Penza)--report on circuit designs for direct compensation electrical digital measuring instruments; A. N. KOMOV (Novocherkassk)--report on a new method for compensation of digital bridges; M. N. GLAZOV (Leningrad)--report on the problem of voltage-to-angular rotation conversion; V. S. GUTNIKOV (Leningrad)--"Methods for Construction of Frequency Capacitance Pickups with a Linear Scale"; R. Ya. SYROPYATOVA and R. R. KHARCHENKO (Moscow)--report on the determination of the amplitude-frequency and phase characteristics of PFM and PWM modulators; Ye. I. TENYAKOV (Novocherkassk)--"The Phototransistor as a Switch for Electrical Measurement Purposes"; N. V. MALYGINA (Leningrad)--a report on ways for making universal equipment for measurement of current, voltage and power; P. P. ORNATSKIY and V. I. ZOZULYA (Kiev)--reports on the construction of static voltmeters, wattmeters and

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15

phase meters; A. V. TRIKHANOV, I. G. SMYSHLYAYEV, N. I. SABLIN, V. M. RAZIN and V. A. GORBUNOV (Tomsk)--report on a device for automatic processing of the measurements of vibration amplitude of pneumatic hammers; L. K. RUKINA and V. G. KNORRING (Leningrad) --report on the development of a digital compensator for measuring pressure, force, etc.; N. B. DADUKINA (Leningrad)--report on a method for constructing frequency pickups for gas analysis; Ye. M. KARPOV, V. A. BRAZHNIKOV and B. Ya. LIKHTTSINDER (Kuybyshev)--reports on analysis and recording of boring speeds; Yu. V. PSHENICHNIKOV (Kuybyshev)--"A High Speed Voltage-to-Digital Code Converter for ac Pickups"; G. P. VIKHROV and V. K. ISAYEV (Vilna)--"A Highly Accurate Digital Peak-to-Peak Voltmeter"; and S. M. PERSIN (Leningrad)--"A Low Level Analog-Digital Voltage Converter."

ASSOCIATION: none

SUBMITTED: 00 ENCL: 00 SUB CODE: EE, EC

NO REF SOV: 000 OTHER: 000 JPRS

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Card 4/4

ACC NR: AP6032169 SOURCE CODE: UR/0410/66/000/004/0127/0128

AUTHOR: Kulikovskiy, L. F. (Kuybyshev); Likhttsinder, B. Ya. (Kuybyshev); Pol'dyayev, G. B. (Kuybyshev)

ORG: none

TITLE: An astatic balancing d-c voltage converter

SOURCE: Avtometriya, no. 4, 1966, 127-128

TOPIC TAGS: ROTARY electric power converter, stationary converter, DIRECT CURRENT

ABSTRACT: The principles of operation and design characteristics of an astatic balancing d-c voltage converter in which static errors have been eliminated are briefly described. The basic circuit of the converter incorporates a modulator, a voltage amplifier, a phase-sensitive rectifier, an integrator consisting of a nonlinear threshold element and a memory capacitor, and a balancing cathode repeater with a reduced plate supply. A vibrating contact rectifier serves as the modulator. The volatge amplifier, which uses a 6N2P type tube, has a gain of 6400. Balancing voltage is picked off from a section of resistors converted in the cathode circuits of the L_5 and L_6 tubes and is then applied to the converter input. A special feature of the converter is the nonlinear threshold element, which permits rapid charging of the capacitor with current pulses of either polarity and very slow discharging. The astatic converter has the following technical characteristics: input voltage varia-

Card 1/2 UDC: 621.317.727.2

ACC NR: AP6032169

tions, 0—1, 0—10, 0—100, 0—1000 mv; sensitivity (U_{out}/U_{in}) in each range 1000, 100, 10, and 1, respectively; basic error, 2.5% in the 0—1 mv range and 0.2% in other ranges; response time, 0.01 sec; power supply, 250 v, 50 cps. Orig. art. has: 1 figure and 2 formulas.

SUB CODE: 10/ SUBM DATE: 09Dec65/ ORIG REF: 003/

Card 2/2

BUTKOVSKAYA, N.; LIKHTSINDER, M.

Color and time. Sov. foto 19 no.6:53-54 Je '59. (MIRA 12:9)
(Photography--Printing papers)

LIKHTTSINDER, M.

Rapid method. Sov.foto 19 no.11:62 N '59. (MIRA 13:4)
(Photography--Developing and developers)

LIKHTTSINDER, M., inzh.

Color printing. Sov.foto 20 no.7:33 Jl '60. (MIRA 13:7)

(Color photography) (Photography--Printing papers)

LIKHTTSINDER, M.

Color printing from positive slides. Sov.foto. 23 no.2:30-31 F '63. (MIRA 16:4)
(Photography--Printing processes)

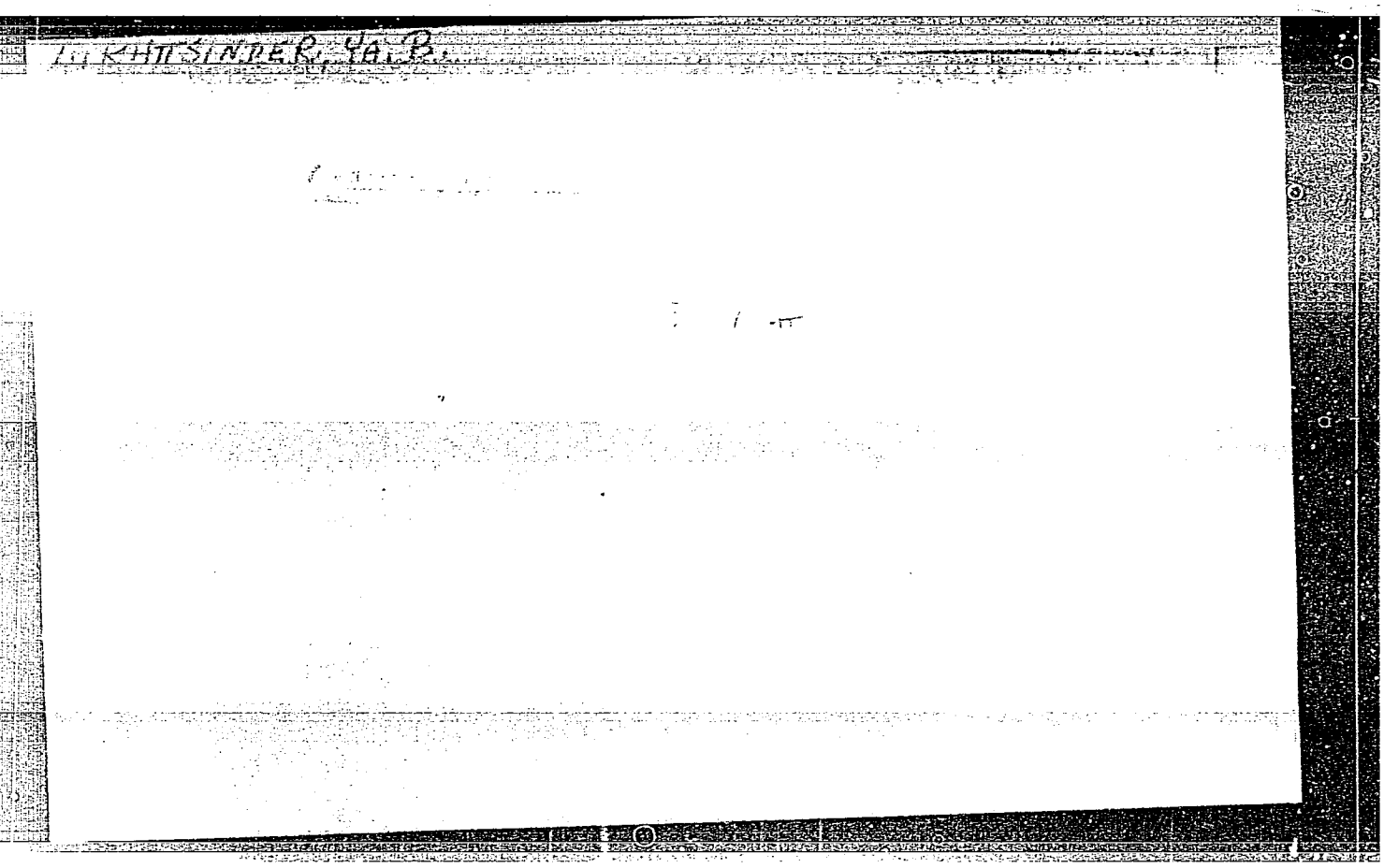
LIKHTTSINDER, Markus Aronovich; FOMIN, A.A., red.

[Positive process in color photography] Pozitivnyi protsess v tsvetnoi fotografii. Moskva, Iskusstvo, 1964. (MIRA 17:12)
95 p.

LIKHTTSINDER, M.Ya.

Calculation of transients in electric recurrent circuits composed of any number of identical RC links. Izv.vys.ucheb.zav.; prib. 7 no.6:32-35 '64. (MIRA 18:2)

1. Kuybyshevskiy politekhnicheskiy institut imeni Kuybysheva. Rekomendovana kafedroy avtomatiki i telemekhaniki.



LIKHTSOV, M.

[Along the broad Dnieper; a brief guidebook] Po Dnipru shyrokomu; korotkyi putivnyk. Cherkasy, Cherkasvydav, 1962. 97 p. (MIRA 16:10)
(Dnieper River)

KOCHARYAN, E., inzh.; LIKHTYAROVA, R., inzh.

Precision casting. Prom.Arm. 4 no.12:45-48 D '61. (MIRA 15:2)
(Armenia--Precision casting)

BELEVTSEV, G.A.; GAVRILENKO, N.G.; GRINENKO, I.M.; KOROSTIK, P.O.; KOTEL'NIKOV, I.V.; KRASAVTSEV, N.I., kand. tekhn. nauk; MISHCHENKO, N.M.; POPOV, N.N., kand. tekhn. nauk; SEMIK, I.P., kand. tekhn. nauk; TOTSKIY, G.P., kand. tekhn. nauk; SHESTOPALOV, I.I.; Prinimali uchastiye: SOLDATKIN, A.I.; SOLOMKO, V.P.; SOLOMATIN, A.M.; BOLOTSKIY, D.V.; ZAPOROZHETS, N.P.; BESSCHASTNYY, A.Ye.; SHVETS, N.Kh.; LIKHUNIN, S.D.; SHUMSKIY, L.B.; VAS'KOVICH, N.A.; YEROKHINA, A.I.; GELYUKH, B.A.

Desulfuration of pig iron in a fast-revolving and continuous drum. Met. i gornorud. prom. no.4:3-5 Jl-Ag '65. (MIRA 18:10)

B GDANOV, N.A.; YEMAKOV, Ye.V.; EMANULOV, R.G.; LIKHUSHIN, F.I.; SHELYAPIN, N.N.; STEBHENKO, V F., red.

[Pathology, clinical aspects, and treatment in lesions from toxic chemical agents and radioactive substances] Patologiia, klinika i terapiia pri porazheniiakh OV i RV. Leningrad, Meditsina, 1964. 188 p. (MIRA 18:3)

SCHLICHTING, Hermann; VOL'PERT, G.A.[Translator]; AVDUYEVSKIY, V.S., redaktor; LIKHUSHIN, V.Ia., redaktor; GERMOGENOV, A.V., redaktor; BELEVA, M.A., tekhnicheskiy redaktor

[Boundary layer theory] Teoriia pogranichnogo sloia. Perevod s nemetskogo G.A.Vol'perta. Pod red.V.S.Avduevskogo i V.IA.Likhushina. Moskva, Izd-vo inostrannoi lit-ry, 1956. 528 p. (MLRA 9:6)
(Boundary layer)

LIKHUSHIN, Yu. P., Engineer, and TOPURIA, Z. V.

"The chapters on radio communications, radio and television broadcasting and radio relay lines." a chapter in the book Radio and Electronics and Their Technical Applications, by A. I.,Berg, et al. Moscow 1956.

Summary of chapter 1071291

LIKHUSHIN, Yu.P.

Development of the facilities for radiobroadcasting, television and radio communication. Vest.sviazi 16 no.3:3-4 Mr '56. (MIRA 9:7)

1.Glavnyy inzhener Glavnogo radioupravleniya Ministerstva svyazi SSSR.
(Radio) (Television)

NIKITIN, V.N.; GOLUBITSKAYA, R.I.; SILIN, O.P.; LIKHUSHINA, L.G.; BLOK, L.N.

Changes with age in the biochemism of denervated organs. Report No.1: Changes with age in some biochemical indices of striated muscles following denervation and tenotomy. Uch.zap.KHGU 68:79-99 '56. (MIRA 11:11)

1. Otdel fiziologii zhivotnykh Nauchno-issledovatel'skogo instituta biologii i biologicheskogo fakul'teta Khar'kovskogo ordena trudovogo krasnogo znameni gosudarstvennogo universiteta imeni A.M. Gor'kogo.
(AGE) MUSCLE--INNERVATION) (TENOTOMY)

LIKHVANTSEV, V.A.

Function of the adrenal cortex in patients with pulmonary tuberculosis and the effect of antibacterial preparations on it. Probl. tub. no.1:74-82 '62. (MIRA 15:8)

1. Iz kafedry fakul'tetskoy terapii (i. o. zav. - dotsent N.A. Ardamatskiy, nauchnyy rukovoditel' - prof. D.D. Aseyev) Ryazanskogo meditsinskogo instituta imeni I.P. Pavlova.
(ADRENAL CORTEX) (TUBERCULOSIS)

MILOSLAVSKIY, Ya.I.; ARDAMATSKIY, N.A.; IVANOV, Yu.V.; LIKHVANTSEV, V.A.; LEGKUN, A.M.; MASLENNIKOVA, A.I.; CHERNYSHEVA, M.I.; TYUNINA, Ye.A.; SHOLOKHOVA, G.I. (Ryazan')

Urinary excretion of 17-ketosteroids and 17-hydroxy corticosteroids in healthy people. Probl. endok. i gorm. 9 no.3:76-80 My-Je '63. (MIRA 17:1)

1. Iz kafedry fakul'tetskoy terapii (ispolnyayushchiy obyazannosti zaveduyushchego - dotsent N.A. Ardamatskiy) Ryazanskogo meditsinskogo instituta imeni I.P. Pavlova.

ARDAMATSKIY, N.A.; MILOSLAVSKIY, Ya.M.; LIKHVANTSEV, V.A.; LEGKUN, A.M.; TYUNINA, Ye.A.

Comparative evaluation of the results of studying the content of sodium and potassium in the plasma, whole blood and erythrocytes in some internal diseases. Terap.arkh. 34 no.2:81-85 '62. (MIRA 15:3)

1. Iz kafedry fakul'tetskoy terapii (i. o. zav. - dotsent N.A. Ardamatskiy) Ryazanskogo meditsinskogo instituta imeni akad. I.P. Pavlova.
(SODIUM IN THE BODY) (POTASSIUM IN THE BODY)
(BLOOD—EXAMINATION)

LIKHVANTSEV, V.A.; DUBROVINA, L.S.

Effect of saluzide on the content of sodium and potassium in the urine and myocardium of white rats. Nauch. trudy Riaz. med. inst. 15:55-57 '62. (MIRA 17:5)

1. Kafedra fakul'tetskoy terapii (ispolnyayushchiy obyazannosti zaveduyushchego kafedroy - dotsent N.A.Ardamatskiy) Ryazanskogo meditsinskogo instituta imeni Pavlova.

LIKHV [illegible], V.A.

Effect of saluzide and streptomycin on some indicators of the functional state of the adrenal cortex in healthy white rats. Nauch. trudy Riaz. med. inst. 15:57-63 '62. (MIRA 17:5)

1. Kafedra fakul'tetskoy terapii (zav. kafedroy - prof. I.B.Likhtsiyer) Ryazanskogo meditsinskogo instituta imeni Pavlova.

ARDAMATSKIY, N.A.; LIKHVANTSEV, V.A.; MASLENNIKOVA, A.I.; TYUNINA, Ye.A.

Functional indices of the adrenal cortex before and after administration of ACTH in some internal diseases. Vrach. delo no.4: 140 Ap'63. (MIRA 16:7)

1. Kafedra fakul'tetskoy terapii (ispolnyayushchiy obyazannosti zav.-dotsent N.A.Ardamatskiy) Ryazanskogo meditsinskogo instituta.
(ADRENAL CORTEX) (ACTH)

LIKHVAR', D.[Lykhvar', D.F.], kand. sel'khoz. nauk, red.;
RAD'KO, M.K., red.

[Mixed sowing of corn with pulse crops for silage] Sumisni posivy kukurudzy z zernobobovymi kul'turamy na sylos. Kyiv, Derzhsil'hospvydav URSR, 1963. 126 p. (MIRA 17:10)

1. Ukraine. Ministerstvo sel'skogo khozyaystva.

LIKHVAR, D.F.

NAZAREVSKIY, S.I.; MAKAROV, S.N.; PILIPENKO, F.S.; GERASIMOV, M.V.; IL'INSKAYA, M.L.; VEKSLER, A.I.,[deceased]; VASIL'YEV, I.M.; IL'INA, N.V.; SOKOLOV, S.Ya.; LOZINA-LOZINSKAYA, A.S.; SAAKOV, S.G.;ZALESSKIY, D.M.; AVRORIN, N.A.; IVANOV, M.I.; PRIKLADOV, N.V.; SOBOLEVSKAYA, K.A.; SALAMATOV, M.N.; MALINOVSKIY, P.I.; LUCHNIK, A.I.; KRAVCHENKO, O.A.; VEKHOV, N.K.; GROZDOV, B.V.; MASHKIN, S.; BOSSE, G.G.; PALIN, P.S.,(g.Shuya, Ivanovskoy oblasti); MATUKHIN; ZATVARNITSKIY, G.F.; GRACHEV, N.G.; CHERKASOV, M.I.; KIRKOPULO, Ye.N.; LEVITSKAYA,A.M.; GRISHKO, N.N.; LIKHVAR', D.F. VIL'CHINSKIY, N.M.; LYPA, A.L.; OREKHOV, M.V.; SHCHERBINA, A.A.; TSYGANKOVA, V.Z.; BARANOVSKIY, A.L.; GEORGIYEVSKIY, S.D.; STEPUNIN, G.A. OZOLIN, E.P.; LUKAYTENE, M.K.; KOS, Yu.I.; VAIL'YEV, A.V.; RUKHADZE, P.Ye.; VASHADZE, V.N.; SHANIDZE, V.M.; MANDZHAVIDZE, D.V.; KORKESHKO, A.L.; KOLESNIKOV, A.I.,(g. Sochi); SERGEYEV, L.I.; VOLOSHIN, M.P.; RYBIN, V.A.; IVANOVA, B.I.; RYABOVA, T.I.; GAREYEV, E.Z. ;RUSANOV, F.N.; BOCHANTSEVA, Z.P.; BLINOVSKIY, K.V.; KLYSHEV, L.K.; MUSHEGYAN, A.M.; LEONOV, L.M.

Talks given by participants in the meeting. Biul.Glav.bot.sada no.15: 85-182 '53. (MLRA 9:1)

1. Glavnyy botanicheskiy sad Akademii nauk SSSR (for Makarov,Pilipenko, Gerasimov, Il'inskaya, Veksler); 2. Akademiya komunal'nogo khozyaystva imeni K.D. Pamfilova for Vasil'yev); 3. Vsesoyuznaya sel'skokhozyaystvennaya vystavka (for Il'ina); 4. Botanicheskiy sad Botanicheskogo instituta imeni V.L.Komarova Akademii nauk SSSR (for Sokolov, Lozina-Lozinskaya, Saakov); 5. Botanicheskiy sad Leningradskogo

(continued on next card)

NAZAREVSKIY, S.L.---(continued) Card 2.

gosudarstvennogo ordena Lenina universiteta (for Zalesskiy); 6. Polyarno-Al'piyskiy botanicheskiy sad Kol'skogo filiala imeni S.M. Kirova Akademii nauk SSSR (for Avrorin); 7. Botanicheskiy sak pri Tomskom gosudarstvennom universiteta (for Ivanov); 8. Botanicheskiy sad pri Tomskom gosudarstvennom universiteta imeni V.V. Kuybysheva (for Prikladov); 9. TSentral'nyy Sibirskiy botanicheskiy sad Zapadno-Sibirskogo filiala Akademii nauk SSSR (for Salamatov, Sobolevskaya); 10. Botanicheskiy sad Irkutsko gosudarstvennogo universiteta imeni A.A. Zhdanova (for Malinovskiy); 11. Altayskaya plodovo-yagodnaya opytnaya stantsiya (for Luchnik); 12. Bashkirskiy botanicheskiy sad (for Kravchenko); 13. Lesostepnaya selektsionnaya opytnaya stantsiya dekorativnykh kul'tur tresta Goszelenkhoz Ministerstva kommunal'nogo khozyaystva RSFSR (for Vekhov); 14. Bryanskiy lesokhozyaystvennyy institut (for Grozdov); 15. Botanicheskiy sad pri Voronezhskom gosudarstvennom universitete (for Mashkin); 16. Orekhovo-Zuyevskiy pedagogicheskiy institut (for Bosse); 17. Botanicheskiy sad pri Rostovskom gosudarstvennom universitete imeni V.M. Molotova (for Matukhin); 18. Botanicheskiy sad Kuybyshevskogo gorodckogo otdela narodnogo obrazovaniya (for Zatvarnitskiy); 19. Zoobotanicheskiy sad pri Kazanskom universitete (for Grachev); 20. Gosudarstvennyy respublikanskiy proektnyy institut "Giprokommunstroy" (for Cherkasov); 21. Botanicheskiy sad Odesskogo gosudarstvennogo universiteta imeni I.I. Mechnikova (for Kirkopulo); 22. Botanicheskiy sad pri Dnepropetrovskom gosudarstvennom universitete (for Levitskaya); 23. Botanicheskiy sad

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NAZAREVSKIY, S.L.---(continued) Card 3.

Akademii nauk USSR (for Grishko, Likhvar', Vil'chinskiy); 24. Kiyevskiy sel'skokhozyaystvennyy institut (for Lypa); 25. Botanicheskiy sad Chernovitskogo gosudarstvennogo universiteta (for Orekhov); 26. Botanicheskiy sad pri L'vovskom gosudarstvennom universitete imeni Iv. Franko (for Shcherbina); 27. Botanicheskiy sad Khar'kovskogo gosudarstvennogo universiteta imeni A.M. Gor'kogo (for TSygankova); 28. Botanicheskiy sad Zhitomirskogo sel'skokhozyaystvennogo instituta (for Baranovskiy); 29. Botanicheskiy sad Akademii nauk Belorusskoy SSR (for Georgiyevskiy); 30. Institut biologii Akademii nauk Belorusskoy SSR (for Stepunin); 31. Botanicheskiy sad Akademii Litovskoy SSR (for Lukaytene); 32. Botanicheskiy sad Latviyskogo gosudarstvennogo universiteta (for Ozolin); 33. Kabardinskiy krayevedcheskiy botanicheskiy sad (for Kos); 34. Sukhumskiy botanicheskiy sad Akademii nauk Gruzinskoy SSR (for Vasil'yev, Rukhadze); 35. Batumskiy botanicheskiy sad Akademii nauk Gruzinskoy SSR (for Shanidze); 36. Tbilisskiy botanicheskiy sad Akademii nauk Gruzinskoy SSR (for Mandzhavidze); 37. Sochinskiy park Dendrariy (for Korkeshko); 38. Gosudarstvennyy Nikitskiy botanicheskiy sad imeni V.M. Molotova (for Sergeyev, Voloshin); 39. Krymskiy filial Akademii nauk SSSR (for Rybin); 40. Botanicheskiy sad Moldavskogo filiala Akademii nauk SSSR (for Ivanova); 41. Botanicheskiy sad Botanicheskogo instituta Akademii nauk Tadzhikskoy SSR (for Ryabova); 42. Botanicheskiy sad Kirgizskogo filiala Akademii nauk SSSR (for Gareyev); 43. Botanicheskiy

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NAZAREVSKIY, S.L.---(continued) Card 4.

sad Akademii nauk Usbekskoy SSR (for Rusanov, Bochantseva); 44. Botanicheskiy sad Akademii nauk Turkmenskoy SSR (for Blinovskiy); 45. Respublikanskiy sad Akademii nauk Kazakhskoy SSR (for Kiyshev, Mushegyan).

(Botanical gardens)

LIKHVAR', D.F. [Lykhvar, D.F.]

Further introduction of new plants into cultivation in the Ukraine.
Pratsi Inst. agrobiol. AN URSR 4:5-26 '54. (MIRA 11:7)
(Ukraine--Plant introduction)

LIKHVAR', D.F. [Lykhvar, D.F.]; SHEREDEKO, O.Ye. [Sheredeko, O.IE]

Simultaneous maturation of male and female hemp plants. Pratsi Inst. agrobiol. AN URSR 4:34-49 '54. (MIRA 11:7)
(Hemp)

LIKHVAR', D.F. [Lykhvar, D.F.]

Development of plant culture under high-mountain conditions.
Pratsi Inst. agrobiol. AN URSR 6:3-24 '55. (MIRA 11:7)
(Carpathian Mountains--Agriculture)

LIKHVAR', D.F., kandidat sel'skokhozyaystvennykh nauk.

Cultivation system for piedmont and mountain districts in the Carpathians. Zemledelie 4 no.10:10-18 O '56. (MLRA 9:11)

1. Institut zemledeliya i zhivotnovodstva zapadnykh rayonov Ukrainy.
(Carpathian Mountain region--Agriculture)

M

Country : USSR
Category: Cultivated Plants. Commercial. Oil-Bearing. Sugar-Bearing.

Abs Jour: RZhBiol., No 22, 1958, No 100354

Author : Likhvar', D.F.
Inst : Khar'kov University
Title : On the Regularity of a Controlled Change in the Vegetation Period in Annual Plants.

Orig Pub: V. sb.: Vopr. metodiki selektsii pshenitsy i kukuruzy. Khar'kov, un-t, 1957, 293-303

Abstract: Results are cited of the experiments on the acclimatization of southern bast fiber plants in the forest-steppe region of Ukraine and Russian Soviet Federated Socialist Republic.

Card : 1/4

USSR/Farm Animals. Honey Bee. Q

Abs Jour: Ref Zhur-Biol., No 20, 1958, 92673.

Author : Likhvar, D.F., Ivanitskaya, L.M.
Inst : Scientific Research Inst. for Agriculture and Cultivation of the Western Rayons of the Ukrainian SSR.

Title : Guizotia. - A New Honey Bearing Plant.

Orig Pub: Inform. byul Nauk-dosl. in-t zemlerobstva i tvarinnitstva zakhidn. rayoniv URSR, 1957, vyp. 2, 47-48.

Abstract: Guizotia (Guizotia abyssinica Cass.) has been grown for 7 years in the Kiev Botanical Garden of The Academy of Sciences, Ukrainian Soviet Socialist Republic). This oily-bearing plant may be used in the eastern rayons of the Ukrainian SSR as a good honey bearing

Card : 1/2

LIKHVAR, D.F.

USSR/Cultivated Plants - Technical Oleaceae, Sugar Plants M-7

Abs Jour : Ref Zhur - Biol., No 1, 1958, No 1673

Author : D.F. Likhvar, E.V. Teplitskaya, O.E. Sheredeko
Inst : Not Given
Title : On Cultivating the Olive Milkwort [Euphorbia]

Orig Pub : Pratsi In-tu agrobiol., AN URSR, 1957, 7, 92-102

Abstract : In the Kiev Botanical garden of the Academy of Sciences Ukrainian SSR, a variety of olive milkwort (Euphorbia lathyris L.) was cultivated. Planting took place in the autumn 20-30 days before the freezing of the soil. Its seeds contain 40-50% oil, and its kernels 65-70%. The yield of seeds averages 15 centners per hectare, but can reach 30 c/h. The amount of oil yield approaches that of the sunflower. The oil contains a great deal of oleic acid which permits its use in the textile and perfume industry. It can also be used in the soap manufacturing industry, but it is unfit for lubrication and the preparation of drying oil. The nutritive properties of the oil have not been studied as yet. The plants and seeds are toxic which makes the commerical introduction of the plant difficult.

Card : 1/1

LIKHVAR, D.F., otv.red.; SOROKINA, I.G. [Sorokina, I.H.], tekhn.red.

[Brief account of research work conducted during 1956] Korotkii zvit po naukovo-doslidnii roboti za 1956 rik. L'viv, 1958. 259 p. (MIRA 13:3)

1. Kiyev. Ukrains'ka akademiia sil's'kohospodars'kykh nauk. Naukovo-doslidnyi instytut zemlerobstva i tvarynnytstva zakhidnykh raioniv.
(Kiev--Agricultural research)

PSHENICHNYY, Nikon Ivanovich [Pshenychnyi, N.I.], kand.sel'skokhoz.nauk; LIKHVAR, D.F., otv.red.; GURENKO, V.A. [Hurenko, V.A.], red.

[Increase the production of pulse crops] Zbil'shyty vyrobnytstvo zernobobovykh kul'tur. Kyiv, 1961. 48 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR. Ser.5, no.1). (MIRA 14:6)

1. Chlen-korrespondent Ukrainskoy Akademii sel'skokhozyaystvennykh nauk (for Likhvar).
(Legumes)

LIKHVAR, Daniil Fedorovich[Lykhvar, D.F.]; CHEMERIS, Petr Klimovich [Chemerys, P.K.], aspirant; GURENKO, V.A.[Hurenko, V.A.], red.; VLASYUK, P.A., akademik, otv. red.: MATVIICHUK, O.A., tekhn. red.

[Companion cropping of corn with pulse for silage] Sumisne vyroshchuvannia kukurudzy z zernobobovymy na sylos. Kyiv, 1961. 45 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR. Ser.5, no.24) (MIRA 15:2)

1. Chlen-korrespondent Ukrainskoy akademii sel'skokhozyaystvennykh nauk (for Likhvar). 2. Vsesoyuznaya akademiya sel'skokhozyaystvennykh nauk im. V.I.Lenina, Akademiya nauk USSR i Ukrainskaya akademiya sel'skokhozyaystvennykh nauk (for Vlasyuk). (Companion crops) (Ensilage)

GORGIYEV, T.B., dotsent, zaveduyushchiy; LIKHVAR', N.A., kandidat biologicheskikh nauk, direktor.

Prevention of dysentery in young children. Pediatriia no.3:34-36 My-Je '53. (MLRA 6:8)

1. Laboratoriya kishechnykh infektsiy Dagestanskogo instituta epidemiologii i mikrobiologii (for Gorgiyev). 2. Dagestanskiy institut epidemiologii i mikrobiologii (for Likhvar'). (Dysentery)