

TKACHENKO, P.V., GEROY Sotsialisticheskogo Truda; DUSHANINA, G.A., agronom;  
CHREMNISINOV, G.A., kand. sel'skokhozyaystvennykh nauk

Erosion control, Zemledelie 7 no. 4:46-49 Ap '59.  
(MIRA 12:6)

1. Predsedatel' kolkhoza imeni Dzerzhinskogo, Bogradskogo rayona  
Khakasskoy avtonomnoy oblasti, Krasnoyarskogo kraya (for Tkachenko).
2. Kolkhoz. im. Dzerzhinskogo Bogradskogo rayona, Khakasskoy  
avtonomnoy oblasti, Krasnoyarskogo kraya (for Dushanina).  
(Erosion)

TKACHENKO, P. Ye., kand.tekhn.nauk

Heads used by hydraulic turbines in consolidated hydroelectric  
power stations. Nauch.zap. MIVKH 20:78-108 '58. (MIRA 13:6)  
(Hydraulic turbines)

TKACHENKO, P.Ye., kand.tekhn.nauk

Increasing the discharge capacity of hydraulic structures. Gidr.  
i mel. 13 no.5:42-45 My '61. (MIRA 14:5)

1. Moskovskaya ordena Lenina sel'skokhozyaystvennaya akademiya im.  
K.A.Timiryazeva.

(Spillways)

TKACHENKO, P. Ye., kand.tekhn.nauk

Some problems concerning the nappe shape of spillways in consolidated hydroelectric power stations. Nauch.zap. MIIVKH 20:165-173 '58. (MIRA 13:6)

(Spillways)

KOVALENKO, I.I., dotsent, kand.tekhn.nauk; TKACHENKO, P.Ye., kand.tekhn.  
nauk

Laboratory investigations of unsteady work regimen of a hydro  
unit due to load rejection. Nauch.zap. MIIVKH 21:46-87  
'59. (MIRA 13:8)

(Hydraulic turbines)

Confidential, ...

... for the ... of ... (The ... of ... in ...)

SR: ... 156, 19 ... 1961

GROMOV, V.V., inzh.; TKACHENKO, P.Ye., kand.tekhn.nauk

Passage of discharges penstocks during the work construction  
through the turbine-unit at the Irkutsk Hydroelectric Power  
Station. Gidr. stroi. 27 no.5:17-22 My '58. (MIRA 11:5)  
(Irkutsk Hydroelectric Power Station)  
(Penstocks)

GLOZMAN, L.P., inzh.; VOYSHVILLO, V.I., inzh.; TKACHENKO, P.Z., inzh.

New design of an oil deflector for compressors. Khim.mashinostr.  
no.5:35 S-0 '63. (MIRA 16:10)



TKACHENKO, R.F., master po remontu FMS-36 (stantsiya Bredy, Yuzhno-Ural'skoy dorogi).; KHOROSHEV, V.A., starshiy mekhanik puteukladchika PMS-26 (stantsiya Tuapse, Severo-Kavkazskoy dorogi).; VISICH, A.D., master po ekspluatatsii mashin (raz'yezd Kutan, Severo-Kavkazskoy dorogi).; NECHAYEV, B.N., master po ekspluatatsii mashin (stantsiya Karaul-Kuyu, Ashkhabadskoy dorogi).; SYCHEV, A.P., mekhanik puteukladochnogo krana (stantsiya Dzegam, Azerbaydzhanskoy dorogi).; SEREBROV, Yu.T., mekhanik puteukladochnogo krana (stantsiya Dzegam, Azerbaydzhanskoy dorogi).; SHMELEV, V.V.; master po remontu (stantsiya Girey, Severo-Kavkazskoy dorogi).; MIRONENKO, V.I., mekhanik-puteukladchik (stantsiya Girey, Severo-Kavkazskoy dorogi).

According to the operators of railroad machinery, the equipment could be utilized in a better way. Put' i put.khoz.5 m.2:30-33 F '61.  
(MIRA 14:3)

(Railroads---Equipment and supplies)

ZELENOV, K.K.; TKACHENKO, E.I.; KANAKINA, M.A.

Redistribution of ore-forming elements in the process of  
hydrothermal activity of the Utoko Volcano (Paramushir  
Island). Trudy GTN no. 141:140-167 '65.

(MIRA 1961)

TKACHENKO, R.I.

Some problems of hydrothermal rock alteration in the active  
regions of volcanism. Izv. AN SSSR. Ser.geol. 29 no.6:79-85  
Je '64. (MIRA 18:2)

1. Geologicheskij institut AN SSSR, Moskva.

PROCESSES AND PROPERTIES INDEX

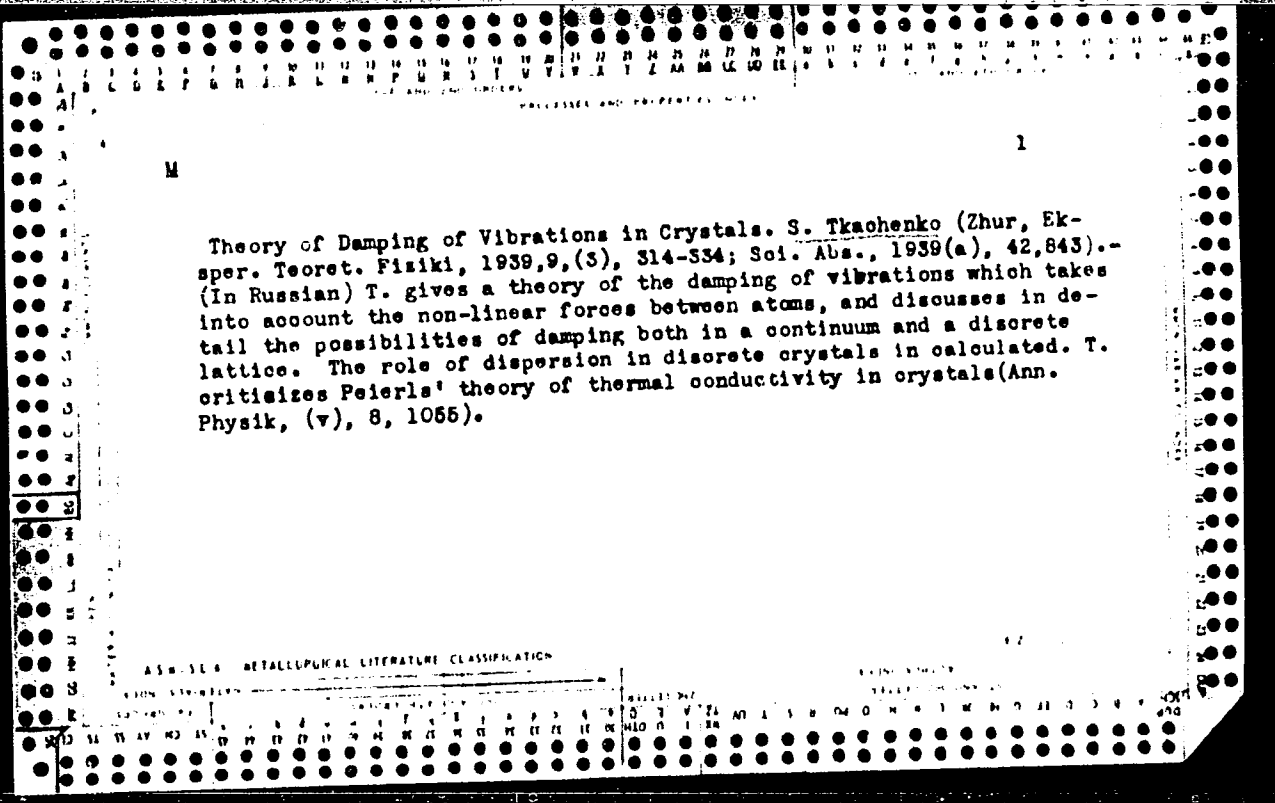
SA

3515. Theory of Damping of Vibrations in Crystals. S. Thacbenko. *J. of Exp. and Theor. Physics, U.S.S.R. 9. 3. pp. 314-337, 1939. In*

Russian.—The author gives a theory of damping of vibrations taking into account the non-linear forces between atoms, and discusses in detail the possibilities of damping both in a continuum and a discrete lattice. The rôle of dispersion in discrete crystals is calculated. The author criticises Peterls' theory of thermal conductivity in crystals [see Abstract 1912 (1930)]. D. S.

A 548

3500-3514 METALLURGICAL LITERATURE CLASSIFICATION



1

M

Theory of Damping of Vibrations in Crystals. S. Tkaohenko (Zhur, Ek-  
sper. Teoret. Fiziki, 1939,9,(3), 314-334; Sci. Abs., 1939(a), 42,843).--  
(In Russian) T. gives a theory of the damping of vibrations which takes  
into account the non-linear forces between atoms, and discusses in de-  
tail the possibilities of damping both in a continuum and a discrete  
lattice. The role of dispersion in discrete crystals is calculated. T.  
criticizes Peterls' theory of thermal conductivity in crystals(Ann.  
Physik, (v), 8, 1055).

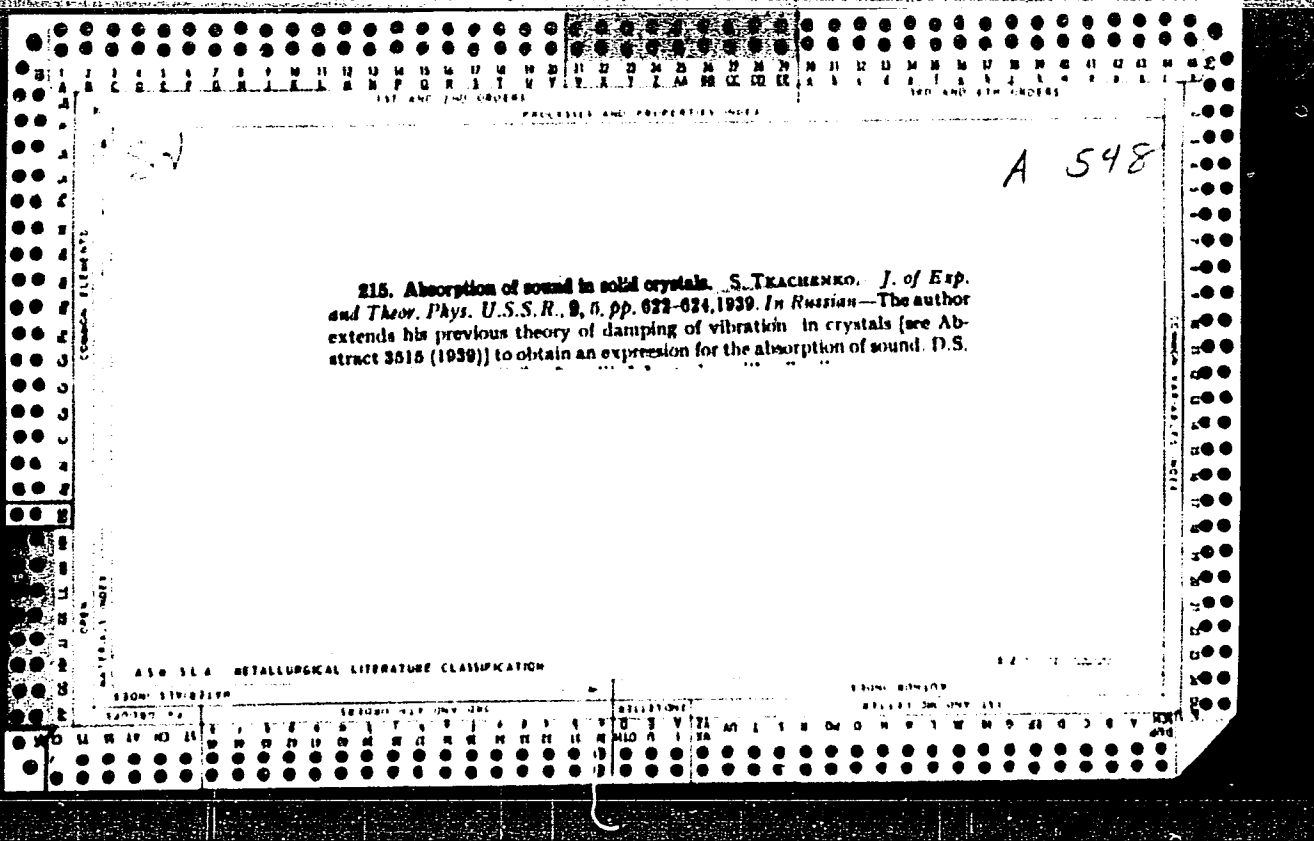
METALLURGICAL LITERATURE CLASSIFICATION

SA

A 53  
K

196. Theory of thermal conductivity of dielectric crystals. S. TRACM-  
ENKO AND J. FRENKEL. *J. of Exp. and Theor. Phys. U.S.S.R.*, 9, 6,  
pp. 570-577, 1939. *In Russian.*—A theory is given for the processes of  
equalization of temperature in a one-dimensional chain of atoms, and for this  
simple model, an expression for the thermal conductivity is obtained in  
terms of the elastic constants. A critical review of previous theories is  
also given. [See also Abstract 3515 (1939).] D.S.

ASR-51A METALLURGICAL LITERATURE CLASSIFICATION



V. TKACHENKO, S.

SA

A K

by S. TRACHENKO AND J. FRENKEL.

198. Theory of thermal conductivity of dielectric crystals. S. TRACHENKO AND J. FRENKEL. *J. of Exp. and Theor. Phys. U.S.S.R.*, 9, 6, pp. 570-577, 1939. *In Russian.*—A theory is given for the processes of equalization of temperature in a one-dimensional chain of atoms, and for this simple model, an expression for the thermal conductivity is obtained in terms of the elastic constants. A critical review of previous theories is also given. [See also Abstract 3515 (1939).] D. S.

2200. New Resonance Series of Selenium. Miss H. Grünbaum. *Acad. Polonaise Sci. et Lettres, Bull.* 10a, pp. 611-616, Dec., 1920.

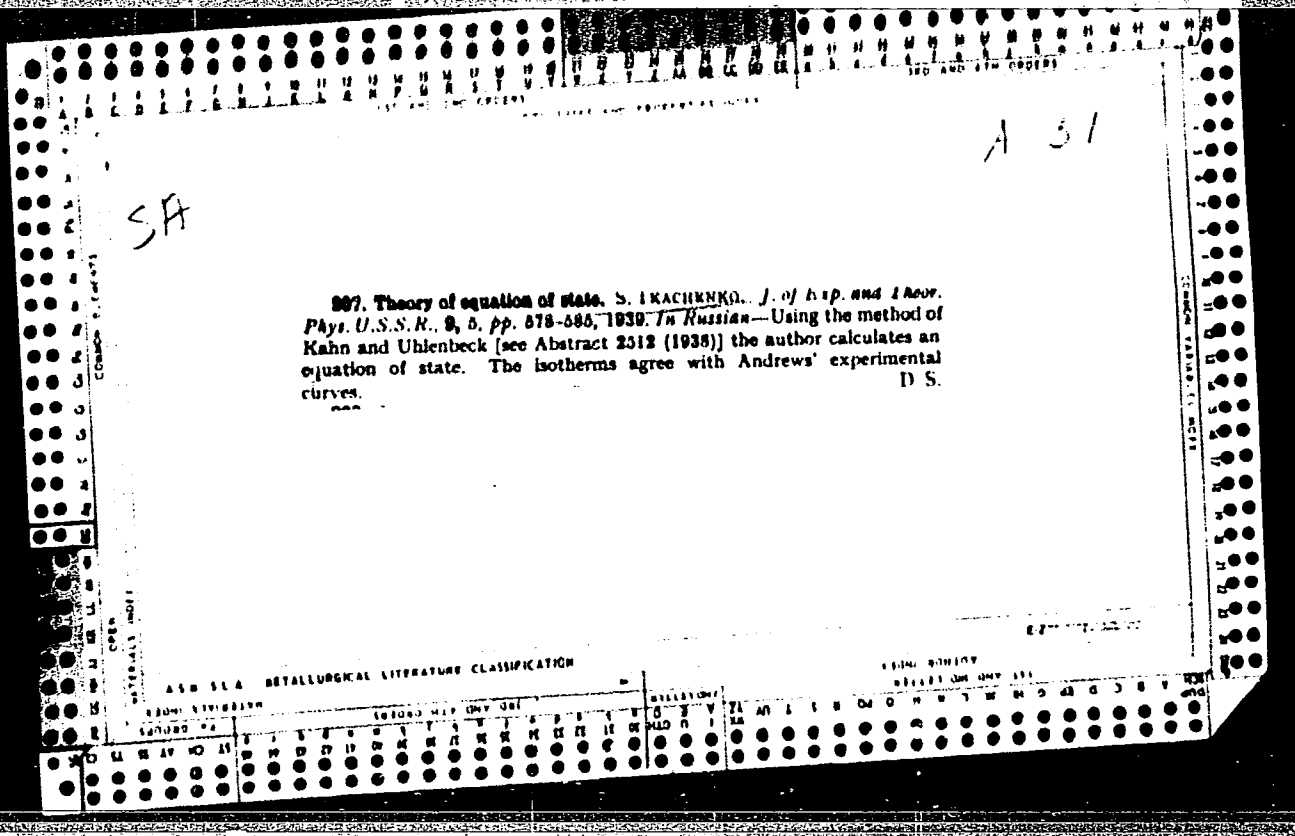
SA

A-53

An attempt was made to excite new selenium series, using sparks from Zn and Cd, but it was not possible to photograph them, though some excited light could be seen. A condensed calcium spark was then employed.

MS 52





ACC NR: AP7004807

SOURCE CODE: UR/0413/67/000/001/0145/0146

INVENTOR: Tkachenko, S. D.; Kislitsin, V. I.; Boldyrev, R. N.

ORG: None

TITLE: . A method for reproducing curved surfaces by mechanical duplication. Class 67, No. 190235 [announced by the Scientific Research and Technological Design Institute for Automation and Mechanization of Machine Building (Nauchno-issledovatel'skiy i proyektno-tekhnologicheskii institut avtomatizatsii i mekhanizatsii mashinostroyeniya)]

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 1, 1967, 145-146

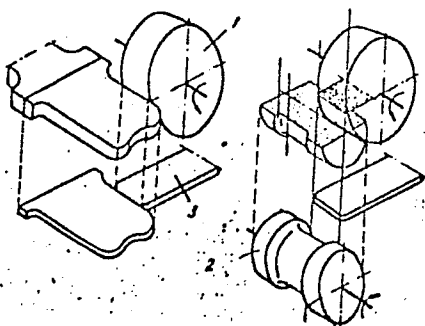
TOPIC TAGS: metal machining, diamond, abrasive

ABSTRACT: This Author's Certificate introduces a method for reproducing curved surfaces by mechanical duplication. A feeler moves over a master form and transmits its own motion to a tool of identical profile. Provision is made for using a self-sharpening diamond tool regardless of wear by incorporating an auxiliary abrasive tool which periodically alters the shape of the feeler as the diamond tool wears.

Card 1/2

UDC: 621.923.4:621.9.072

ACC NR: AP7004807



1—diamond tool; 2--abrasive tool; 3—feeler

SUB CODE: 13/  
11/ SUBM DATE: 180ct65

Card 2/2

TOBILEVICH, N.Yu., kand. tekhn. nauk; SAGAN', I.I., kand. tekhn. nauk;  
TKACHENKO, S.I., inzh.; PAVLENKO, V.S., inzh.

Studying the circulation in evaporators at low pressure and  
under vacuum. Pishch. prom. no.1:131-137 '65. (MIRA 18:11)

TOBILEVICH, N. Yu.; SAGAN', I. I.; GARYAZHA, V.T.; TKACHENKO, S. I.;  
VOVCHENKO, V. S.; IVASHKEVICH, V. V.

Effect of the rate of the sugar juice motion on the thermal  
resistance of the deposits and on the heat transfer during  
heating. *Izv.vys.ucheb.zav.*; pishch.tekh.no. 2:106-109 '64.  
(MIRA 17:5)

1. Kiyevskiy tekhnologicheskii institut pishchevoy promyshlen-  
nosti, kafedra promyshlennoy teploenergetiki.

~~RESTRICTED~~

TKACHENKO, S. N.

KOLOSOV, A. V., FRENKEL, YA. I. and TKACHENKO, S. N.

CA: 33-8065/5

J. Exptl. Theoret. Phys. (USSR) 9, 76-91 (1939)  
Rotational thermal capacity and normal vibration  
frequencies of polyatomic molecules. I. Ozone  
and Benzene.

~~RESTRICTED~~

131 AND 132 ORDER PROCESSES AND PROPERTIES INDEX 130 AND 131 ORDER

CP TRACHENKO S N

Theory of thermal conduction in dielectric crystals. S. N. Trachenko and Ya. I. Frenkel. *J. Exptl. Theoret. Phys. (U. S. S. R.)* 9, 570-7 (1939).--Theoretical-mathematical. A theory of temp. equalization in a homogerous chain of atoms is developed and the coeff. of thermal cond. of a crystal is obtained as a function of the elastic const.

P. H. Rathmann

2

COMMON ELEMENTS

COMMON VARIABLES INDEX

OPEN MATERIALS INDEX

A 13-11A METALLURGICAL LITERATURE CLASSIFICATION

FROM SYMBLAVH

RELATIONS

SELECT ONE ONLY ALL

GROUPS OF	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
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TRACHENKO, S. N.

*CP*

Theory of the equation of state. S. N. Tkachenko.

*7*

*J. Exptl. Theoret. Phys. (U. S. S. R.) 9, 578-85(1939).—*  
 Math. The method of Kohn and Uhlenbeck (*C. A.* 32, (1919)) is used, but corrections are made for repulsive force. An equation of state is derived, the isotherms of which qualitatively agree well with those experimentally found by Andrews.  
 V. H. Rathmann

ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION

GROUP	SECTION	SUBSECTION	TERMINAL
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100			



S07/19-58-6-14/685

AUTHORS: Tkachenko, R.N. and Mil'kovitskiy, S.I.

TITLE: A Device for Drilling Inclined and Horizontal Bores in Coal Seams (Ustroystvo dlya bureniya naklonnykh i gorizontal'nykh skvazhin po ugol'nym plastam)

PERIODICAL: Byulleten' izobreteniy, 1958, Nr 6, p 8 (USSR)

ABSTRACT: Class 5a, 17. Nr 113517 (575862/173-54 of 18 February 1954). Submitted to the Ministry of Coal Industry of the USSR. A device with a cutting head connected directly with the armature shaft of an electric motor. The cutters are placed in hollows in the cutting head so that no more than four cutters are cutting simultaneously. The device includes a guide roller and a thrust guiding it in relation to the top and sole of the coal seam.

Card 1/1

TKACHENKO, Sergey Dmitriyevich; KOLOTUSHKIN, Nikolay Mikhaylovich;  
KISLITSIN, Vladimir Ivanovich; SVET, Ye.B., red.

[Semiautomatic lathe for treating the ends of gas pipes]  
Poluavtomaticheskii stanok dlia obrabotki tortsov gazo-  
vykh trub. Cheliabinsk, Cheliabinskoe knizhnoe izd-vo,  
1961. 20 p. (MIRA 17:9)

TKACHENKO, Sergey Dmitriyevich; KURCHATOV, Vladimir Ivanovich;  
KOLOTUSHKIN, Nikolay Mikhaylovich; SVET, Ye.B., red.; KOLBICHEV,  
V.I., tekhn. red.

[Automatic machine for drilling piston pins]Avtomat dlia sverle-  
niia porshnevykh pal'tsev. Cheliabinsk, Cheliabinskoe knizhnoe  
izd-vo, 1961. 12 p. (MIRA 15:12)  
(Drilling and boring machinery)

TOBILEVICH, N.Yu.; SAGAN', I.I.; GARYAZHA, V.T.; TKACHENKO, S.I.

Heat circuit of an alcohol distillery applying the steaming of discarded molasses. Spirt.prom. 29 no.1:24-27 '63. (MIRA 16:2)

1. Kiyevskiy tekhnologicheskij institut pishchevoy promyshlennosti imeni Mikoyana.

(Distilleries--Equipment and supplies)

TKACHENKO, S.K., assistant

Significance of the color sedimentation test of the urine in pneumonia in young children. *Pediat. akush. ginek.* no.3:11-15 '63. (MIRA 17:1)

1. Kafedra pediatrii (zav. - dotsent B.M.Voloshinov) Ivano-Frankovskogo meditsinskogo Instituta (rektor - dotsent G.A. Babenko [Babenko, H.A.]).

TKACHENKO, S. S.

Ivanov, N. V. and Tkachenko, S. S. "On the epileptic type of reaction," In the collection: Voprosy klinich. psikhiatrii, (Irkutsk), 1943, p. 171-80.

SO: U-3736, 21 May 53, (Letopis 'Zhurnal 'nykh Statey, No. 13, 1949).

S. S. TKACHENKO

USSR/ Medicine - Anesthesia      Sept/Oct 52

"Intraossal Anesthesia in Surgical Interference on Extremities," Prof I. L. Krupko, A. V. Vorontsov, S. S. Tkachenko. Chair of Orthopedics, Mil Med Acad imeni S. M. Kirov, Leningrad

"Vest Khirurgii" Vol 72, no 5, pp 15-19

Describes intraossal anesthesia used at the academy since 1949. Advocates its use in military field practice. Enumerates the advantages of this method as follows: simplicity of procedure, satisfactory analgesic effect.

produced by the even distribution of the anesthetic soln through the blood vessels of the area restricted by the tourniquet. States that a marked lowering of the muscular tone, observed during this anesthesia, is favorable for work on closed fractures and sprains. States that correction of closed fractures and repair of sprained joints have been successfully performed under intraossal anesthesia. Notes that the disadvantage of this method is the necessity of applying a tourniquet and the rapid recovery of sensitivity after its removal.

PA 229T52

TKACHENKO, SERGEY STEPANOVICH

KRUPKO, Ivan Leont'yevich; VORONTSOV, Aleksandr Vasil'yevich;  
TKACHENKO, Sergey Stepanovich; DRKVINA, A.I., redaktor; RULEVA,  
M.S., tekhnicheskly redaktor.

[Intraosseous anesthesia in surgery of extremities] Vnutri-  
kostnaia anestezia pri khirurgicheskikh vmeshatel'stvakh  
na konechnostiakh. [Leningrad] Gos.izd-vo meditsinskoi lit-ry,  
Leningradskoe otd-nie, 1955. 104 p. (MLBA 8:12)  
(ANESTHESIA) (EXTREMITIES(ANATOMY)-SURGERY)



TKACHENKO, S.S.

TKACHENKO, S.S., kandidat meditsinskikh nauk.

Diagnosis of a cyst of the external meniscus of the knee. Ortop.  
travm. i protez. 17 no.6:34-38 N-D '56. (MLBA 10:2)

1. Iz kafedry ortopedii i travmatologii (nach. - prof. I. L. Krupko)  
Voyenno-meditsinskoy ordena Lenina akademii im. S. M. Kirova.

(KNEE, cysta  
meniscus, external, diag.)

TKACHENKO, S. S.

"The Application of Metallic Osteosynthesis in Closed Bone Fractures After Total Experimental Irradiation," by Prof A. A. Nikitin and S. S. Tkachenko, Candidate of Medical Sciences, Chair of Orthopedics and Traumatology (head, Prof I. L. Krupko), Military-Medical Order of Lenin Academy imeni S. M. Kirov, Vestnik Khirurgii, Vol 77, No 6, Jun 56, pp 48-51

Tests conducted on 103 rabbits indicate that infliction of trauma in the form of hip fractures to irradiated experimental animals aggravates the course of radiation sickness, and delays the healing process by 25%. The application of metallic intramedullary osteosynthesis in treating closed bone fractures of rabbits subjected to the action of penetrating radiation but before the development of radiation sickness improves the general condition of the animals.

A simultaneous use of streptomycin and penicillin in rabbits subjected to irradiation and the operation of metallic osteosynthesis of closed hip fractures significantly improves their survival chances from radiation sickness, but the use of penicillin alone is less effective.

(U)

Sum. 1360

TKACHENKO, S.S., dozent (Leningrad, Pesochnaya ul., d.24, kv.64)

Development of sarcoma in chronic osteomyelitis. Vestn. khir.  
Grekov. 90 no.4:95-96 Ap'63 (MIRA 17:2)

1. Iz kafedry travmatologii i ortopedii (nachal'nik prof.  
I.L.Krupko) Voenno-meditsinskoy ordena Lenina akademii imeni  
S.M.Kirova.

*TKACHENKO, S.S.*

TKACHENKO, S.S., kand.med.nauk (Leningrad, ul. Smirnova, d.10-a, kv.3)

Failures and complications in intraosseous anesthesia [with summary  
in English]. Vest.khir. 79 no.12:103-109 D '57. (MIRA 11:1)

1. Iz kafedry ortopedii i travmatologii (nach. - prof. I.L.Krupko)  
Voyenno-meditsinskoy ordena Leninga akademii im. S.M.Kirova.  
(ANESTHESIA, REGIONAL, compl.  
intra-osseous, prev. & follow-up)

TKACHENKO, S.S., kand.med.nauk

Course of fractures in a moderate degree of radiation sickness.  
Ortop., travm. protez. 19 no.1:24-29 Ja-F '58. (MIRA 11:4)

1. Iz kafedry ortopedii i travmatologii (nach. - prof. I.L.Krupko)  
Voyenno-meditsinskoy ordena Lenina akademii im. S.M.Kirova.  
(RADIATIONS, inj. eff.  
eff. on fract. healing in animals (Rus))  
(FRACTURES, exper.  
eff. of radiations on healing in animals (Rus))

TKACHENKO, S.S., kand.med.nauk

The problem of spondylolisthesis. Ortop.travn. i protez. 19  
no.5:38-43 S-0 '58 (MIRA 11:12)

1. Iz kafedry ortopedii i travmatologii (nach-prof. I.L. Krupko)  
Voyenno-meditsinskoy akademii imeni S.M. Kirova.  
(SPONDYLOLISTHESIS,  
etiol. & clin. features (Rus))

~~S. S. TEACHENKO~~, S.S., kand.med.nauk (Leningrad, ul. Smirnova, d.10-a, kv.34)

Fixation of the spine with homotransplants in spondylolisthesis.  
Vest.khir. 80 no.6:101-103 Je '58 (MIRA 11:7)

1. Iz kliniki ortopedii i travmatologii (zav. - prof. I.L. Krupko)  
Voyenno-meditsinskoy ordena Lenina akademii im. S.M.Kirova.  
(SPONDYLOLISTHESIS, surg.  
fixation with homografts in spine fixation in  
spondylolisthesis (Rus))

KRUPKO, I.L., prof., TKACHENKO, S.S., kand.med.nauk, BARKOV, Yu.I.

Bone homoplasty [with summary in English]. Vest.khir.81 no.8:71-80  
Ag '58 (MIRA 11:9)

1. Iz kliniki ortopedii i travmatologii (nach. - prof. I.L. Krupko  
Voyenno-meditsinskoy ordena Lenina akademii im. S.M. Kirova i  
laboratorii konservirovaniya i peresadki tkaney (nauch. rukovod.-  
chlen-korr. AMN SSSR prof. A.N. Filatov) Leningradskogo ordena  
Trudovogo Krasnogo Znameni nauchno-issledovatel'skogo instituta  
perelivaniya krovi. Adres avtorov: Leningrad 9, Botkinskaya ul.,  
d.13, klinika ortopedii i travmatologii Voyenno-meditsinskoy  
ordena Lenina akademii im.S.M. Kirova).

(BONE AND BONES, transpl  
homografts, indic. (Rus))



KRUPKO, I.L., prof.; TEACHENKO, S.S., kand. med. nauk.

Use of preserved homotransplants in clinical practice. Ortop. trava.  
protez., Moskva 19 no.6:47-52 H-D '58. MIRA 12:1)

1. Iz kafedry ortopedii i travmatologii (nach. - prof. I.L. Krupko)  
Voyenno-meditsinskoy ordena Lenina akademii imeni S. M. Kirova.  
(TRANSPLANTATION  
preserved homografts, clin. evaluation (Rus))

EXCERPTA MEDICA Sec 14 Vol 13/5 Radiology May 59

909. COURSE OF HEALING OF FRACTURES IN RADIATION DISEASE OF MIDDLE DEGREE (Russian text) - Tkachenko S. S. - ORTOP. TRAVM. I PROTEZ. 1958, 19/1 (24-29) Graphs 3 Illus. 8

In these investigations 151 rabbits of 1500-1800 g. weight were irradiated with 600 r., 98 of them without previous trauma, and the rest after having been traumatized by fracture 3-5 hr. before. The radiation disease took its usual course: the number of leucocytes in the peripheral blood diminished to about 2600 on the 3rd day, increasing again from the 5th day to attain a normal number on the 40th day. Microscopic examination of the fracture site revealed the following: in non-irradiated control animals on the 14th day formation of bone substance was observed; on the 21st day this formation was more differentiated and the fracture ends were connected by spongy bone; on the 42nd day distinct bone-trabeculae were seen, and a new bone-marrow space had also been formed. In animals both traumatized and irradiated necrotic bone tissue appeared between the fracture ends on the 14th day, there were large callus masses and healing was retarded; on the 35th day a thick, sponge-like bone-mass was seen, and on the 42nd day the differentiation of the new bone had progressed but no bone-marrow space had formed. In the traumatized and irradiated animals the death rate was somewhat higher; in a group of 18 irradiated control animals, 4 died, and of 54 traumatized and irradiated animals, 18 died. In general, the rabbits which had been irradiated only had a better prospect of survival than did the others which were both traumatized and irradiated.

Seuderling - Helsinki (XIV, 19)

EXCERPTA MEDICA Sec 9 Vol 13/9 Surgery Sept. 50  
4796. (1186) THE PROBLEM OF SPONDYLOLISTHESIS (Russian text) -  
Tkachenko S. S. - ORTOP. TRAVM. I PROTEZ. 1958, 19/5 (38-43)  
Tables 4 illus. 7

Since 1950, 24 cases of spondylolysis without spondylolisthesis and 43 cases of spondylolisthesis of various degrees of severity have been studied. Stress is laid on the importance of the diagnosis of spondylolysis; the condition can be observed on lateral-projection radiograms and especially on stratigraphic examination. Spondylolisthesis is brought about by the presence of spondylolysis. Its occurrence is due not so much to a single trauma as to repeated microtraumata, a chronic traumatism with resulting degeneration of the disc and of the ligaments. The clinical picture of spondylolisthesis is described. Excellent results have been obtained with conservative treatment which consists essentially of immobilization in a corset and physiotherapy. The surgical treatment with posterior vertebral osteosynthesis has only limited indications; among 43 cases, only 3 were subjected to operation, with excellent results. Teneff - Turin (IX, 19)

EXCERPTA MEDICA Sec 16 Vol 7/9 Cancer Sept 59

3679. **Course of healing of fractures in radiation disease of middle degree (Russian text)** Tkachenko S. S. *Ortop. Travm. i Protez.* 1958, 10, 1 (24-29) Graphs 3 Illus. 8

In these investigations 151 rabbits of 1500-1800 g. weight were irradiated with 600 r., 98 of them without previous trauma, and the rest after having been traumatized by fracture 3-5 hr. before. The radiation disease took its usual course: the number of leucocytes in the peripheral blood diminished to about 2600 on the 3rd day, increasing again from the 5th day to attain a normal number on the 40th day. Microscopic examination of the fracture site revealed the following: in non-irradiated control animals on the 14th day formation of bone substance was observed; on the 21st day this formation was more differentiated and the fracture ends were connected by spongy bone; on the 42nd day distinct bone-trabeculae were seen, and a new bone-marrow space had also been formed. In animals both traumatized and irradiated necrotic bone tissue appeared between the fracture ends on the 14th day, there were large callous masses and healing was retarded; on the 35th day a thick, sponge-like bone-mass was seen, and on the 42nd day the differentiation of the new bone had progressed but no bone-marrow space had formed. In the traumatized and irradiated animals the death rate was somewhat higher; in a group of 18 irradiated control animals, 4 died, and of 54 traumatized and irradiated animals, 18 died. In general, the rabbits which had been irradiated only had a better prospect of survival than did the others which were both traumatized and irradiated.

Seuderling - Helsinki

KRAMARENKO, G.N., kand.med.nauk; NECHAYEVA, Z.P.; TKACHENKO, S.S., kand.med.nauk;  
HODEL'MAN, V.S.; ANCHELEVICH, V.D., prof.; KURILO, A.A.; KNYSH, I.T.,  
kand.med.nauk; FRIKHOD'KO, A.K.; MEZHENINA, Ye.P., kand.med.nauk

Reports on meetings of societies of traumatologists and  
orthopedists. Ortop.travm. i protez. 20 no.7:79-95  
Jl '59. (MIRA 12:10)

(ORTHOPEIDIA)

KRAMARENKO, G.N., kand.med.nauk; NECHAYEVA, Z.P.; TKACHENKO, S.S.; OSNA, A.I.,  
dotsent; KURILO, A.A.; MEZHENINA, Ye.P., kand.med.nauk; KRYUK, A.S.,  
kand.med.nauk; FREYKA, B., prof.

Reports on meetings of societies of traumatologists and orthopedists.  
Ortop.travm.i protez. 20 no.9:80-93 S '59. (MIRA 13:2)  
(ORTHOPEDIC SOCIETIES)

KRAMARENKO, G.N., referent, kand.med.nauk; TKACHENKO, S.S., referent,  
kand.med.nauk; KNYSH, I.T., referent, kand.med.nauk; PRIKHOD'KO,  
A.K., referent

Report on proceedings of societies of traumatologists and  
orthopedists. Ortop., travm.i protez. 20 no.12:68-73 D '59.  
(MIRA 13:5)

(ORTHOPEDIC SOCIETIES)

TKACHENKO, S.S., dotsent; YANCHUR, V.N.

Methodology for surgical treatment of traumatic dislocation of  
the acromial end of the clavicle. Vest. khir. no.12:67-70 '62.  
(MIRA 17:11)

1. Iz kafedry travmatologii i ortopedii (nachal'nik - prof.  
I.L. Krupko) Voenno-meditsinskoy ordena Lenina akademii imeni  
Kirova.



TKACHENKO, S.S., dotsent (Leningrad, Pesochnaya ul., 24, kv. 64)

Metallic self-fixing shaft for fracture fixation. Vest. khir. 91  
no. 11:72-75 N '63. (MIRA 17:12)

1. Iz kafedry travmatologii i ortopedii (nachal'nik -- prof. I.L. Krupko)  
Voyenno-meditsinskoy ordena Lenina akademii imeni S.M. Kirova.

KRUPKO, I.L., prof.; TKACHENKO, S.S., prof.

Bone homoplasty in treating some bone tumors. Ortop., travm.  
i protez. 26 no.12:3-7 D '65.

(MIRA 1961)

1. Iz kafedry travmatologii i ortopedii (nachal'nik - prof. I.L. Krupko) Voenno-meditsinskoy ordena Lenina akademii imeni S.M. Kirova. Adres avtorov: Leningrad K-9, Botkinskaya ulitsa, d.13, Klinika travmatologii i ortopedii. Submitted March 6, 1965.

KRUPKO, I.L., prof.; TKACHENKO, S.S., doktor med. nauk

Transplantation of preserved homoplastic fascial and tendon grafts.  
Vest. khir. 93 no.8:65-69 Ag '64. (MIRA 18:7)

1. Iz kafedry travmatologii i ortopedii (nachal'nik - prof. I.L. Krupko) Voenno-meditsinskoy ordena Lenina akademii imeni Kirova.

TKACHENKO, S.S., doktor med. nauk

Causes of the development of pseudarthrosis due to the use  
of metallic osteosynthesis. Vest. khir. 93 no.11:79-83  
N '64. (MIRA 18:6)

1. Iz kafedry travmatologii i ortopedii (nachal'nik - prof.  
I.L. Krupko) Voenno-meditsinskoy ordena Lenina akademii  
imeni Kirova, Leningrad.

KRUPKO, I.L., prof.; TRACHENKO, S.S., doktor med. nauk

Replacement of the proximal portion of the femur by a homograft.  
Vest. khir. no.7:68-74 JI '64. (MIRA 18'4)

1. Iz kafedry travmatologii i ortopedii (nachal'nik - prof. I.L. Krupko) Voyenno-meditsinskoy ordena Lenina akademii imeni Kirova.

TKACHENKO, S.S., doktor med. nauk (Leningrad K-18, Pesochmaya ul., d.24,  
kv. 64).

Homotransplantation of tissues in surgery of the locomotor  
apparatus; a review of foreign literature. Ortop., travm. i  
protez. 25 no.4:65-73 Ap '64 (MIRA 18:1)

TKACHENKO, S.S., dotsent (Leningrad K-18, Pesochnaya ul., d.24, kv.64)

Preserved bone homografts in the treatment of false joints  
and retarded consolidation. Ortop., travm. i protez. 24  
no.8:36-42 Ag '63. (MIRA 17:1)

1. Iz kafedry travmatologii i ortopedii (nachal'nik -- prof.  
I.L. Krupko) Voenno-meditsinskoy ordena Lenina akademii  
imeni S.M. Kirova.

KRUPKO, I.L., prof.; TKACHENKO, S.S., dotsent.

Some problems in the theory and practice of bone homoplasty.  
Vest. khir. 70 no.6:74-80 Je'63 (MIRA 16:12)

1. Iz kafedry travmatologii i ortopedii (nachal'nik - prof. I.L.Krupko) Voyenno-meditsinskoy ordena Lenina akademii imeni S.M.Kirova. Adres avtorov: Leningrad, Botkinskaya ul., d.13, kafedra travmatologii i ortopedii Voyenno-meditsinskoy ordena Lenina akademii imeni S.M.Kirova.



NECHAYEVA, Z.P., referent; TKACHENKO, S.S., referent, kand.meditsinskikh nauk; OSHA, A.I., referent, dotsent; SENDYUK, P.P., referent; KOSTRIKOV, V.S., referent, kand.meditsinskikh nauk; LEVITSKIY, F.A., referent; BRODSKAYA, Ye.I., referent; TKACHEVA, S.G., referent GAL'CHENKO, V.Ye., referent; KRYUK, A.S., referent, kand.meditsinskikh nauk.

Reports on meetings of societies of traumatologists and orthopedists. Ortop. travm. i protez, 21 no. 7:78-95 J1 '60.

(ORTHOPEDIC SOCIETIES)

(KIRA 13:10)

TKACHENKO, S.S., dotsent

Bone homoplasty. Ortop., travm. i protez. 22 no.4:6-11 Ap '61.

(MIRA 14:11)

1. Iz kafedry travmatologii i ortopedii (nach. - prof. I.L. Krupko) Voenno-meditsinskoy ordena Lenina akademii im. S.M. Kirova.

(BONE GRAFTING)

TKACHENKO, S.S.

Report on the 483rd and 484th sessions of the Leningrad Society  
of Traumatologists and Orthopedists. Ortop., travm. i protez. 22  
no.4:86-89 Ap '61. (MIRA 14:11)  
(LENINGRAD--ORTHOPEDIC SOCIETIES)

TKACHENKO, S. S.

Report of the 490th session of the Leningrad Society of Traumatologists and Orthopedists. Ortop., travm. i protez. 22 no.8:83-84  
Ag '61. (MIRA 14:12)

(LENINGRAD--ORTHOPEDIC SOCIETIES)

KRUPKO, I.L., prof.; KONDRAT'YEV, P.P., prof.; TKACHENKO, S.S., dots.

Lumbar pains and their treatment. Ortop., travm.i protez. no.9:  
62-73 '61. (MIRA 14:10)

1. Iz kafedry travmatologii i ortopedii (nach. - prof. I.L.  
Krupko) Voenno-meditsinskoy ordena Lenina akademii im. S.M.  
Kirova.

(SPINE—DISEASES)

TKACHENKO, S.S., podpolkovnik meditsinskoy sluzhby, kand.med.nauk

Preparation, preservation, and clinical use of bone homotransplants.  
Voen.-med.zhur.no.3:25-29 Mr '61. (MIRA 14:7)  
(BONE GRAFTING)

KRAMARENKO, G.N.; NECHAYEVA, Z.P.; TKACHENKO, S.S., dotsont; FLORENSOV, A.A.,  
kand.med.nauk; LADIS, I.A.; VARFOLOMEYEVA, S.N.; KOSTRIKOV, V.S.,  
kand.med.nauk

Reports on meetings of societies of traumatologists and orthopedists.  
Ortop., travm. i protez. 21 no.8:82-94 Ag '60. (MIRA 13:11)  
(ORTHOPEDIC SOCIETIES)

TKACHENKO, S.S.

Bone homoplasty in the treatment of pseudarthroses and delayed  
consolidation. Vest.Khir. 84 no.6:57-66 Je '60. (MIRA 13:12)  
(PSEUDARTHROSIS) (BONE GRAFTING)



TKACHENKO, S.S.

Treatment of Recklinghausen's disease by surgical removal of  
an adenoma of the parathyroid gland. Ortop., travm.i protez.  
21 no.1:71-72 Ja '60. (MIRA 13:12)  
(OSTEITIS FIBROSA) (PARATHYROID GLAND—TUMORS)

KRAMARENKO, G.N., referent; TKACHENKO, S.S., referent, kand.med.nauk;  
KNYSH, I.T., referent, kand.med.nauk; KURILO, A.A., referent;  
KOSTRIKOV, V.S., referent, kand.med.nauk; GABAY, A.V., referent,  
prof.; MARYASHINA, O.M., referent, kand.med.nauk

Reports on sessions of societies of traumatologists and orthopedists.  
Ortrop.travm.i protez. 21 no.4:83-93 Ap '60. (MIRA 13:9)  
(ORTHOPEDIC SOCIETIES)

TKACHENKO, S. Z.

Tkachenko, S. Z. "On the rationalization of accounting and statistical work in the unified city hospitals and poly-clinics", Vracheb. delo, 1948, No. 12, paragraphs 1103-04.

SO: U-3042, 11 March 53, (Letopis 'nykh Statey, No. 10, 1949).

TKACHENKO, S.Z., dots.

Instruction in a course on public health organization. Sov.zdrav.  
17 no.11:52-53 N'58 (MIRA 11:10)

1. Iz kafedry organizatsii zdavookhraneniya (zav. S.Z. Tkachenko)  
L'vovskogo meditsinskogo instituta.  
(PUBLIC HEALTH, educ.  
in Russia (Rus))

**TKACHENKO, S.Z.**

Results of the campaign against venereal diseases in the postwar years in the western provinces of the Ukrainian Republic. Vest.ven. i dermat. no.6:41-43 N-D '54. (MLRA 8:2)

1. Iz kafedry organizatsii zdravookhraneniya L'vovskogo med. inst. (zav. - dotsent S.Z.Tkachenko)

(VENEREAL DISEASES, prevention and control  
Ukraine, after World War II)

TKACHENKO, S.Z.,dotsent; BURIKHIN, T.N.,dotsent; SHAPIRO, I.Ya.,dotsent

Public health development in Lvov during the years of Soviet  
government; on the 700th anniversary of Lvov. Sov. zdrav.  
16 no.2:72-76 F '57 (MLRA 10:4)

1. Iz kafedry organizatsii zdravookhraneniya i istorii meditsiny  
(zav.-dotsent S.Z. Tkachenko) L'vovskogo meditsinskogo instituta.  
(PUBLIC HEALTH  
in Poland)

TKACHENKO, T. A.

PA 245T38

USSR/Geophysics - Volcanic Ash

Jan 53

"New Data on the Discovery of Volcanic Ash in Strata of Quaternary Deposits in the Ukrainian SSR," P. K. Zamoriy and T. A. Tkachenko, Geol Inst, Acad Sci Ukrainian SSR

"Dopovidi Ak Nauk Ukraini 'koi RSR" No 1, pp 21-24

Describes stratification of new discoveries of volcanic ash of granulometric and chemical composition on the left bank of the Dnepr between Bolshaya Lepetikhaya and Khakovkaya. Gives

245T38

results of a mineralogical study. States that these finds and other deposits of volcanic ash are found in the form of layers and lenses in subject strata. Presented by Acad M. P. Semenenko, Acad Sci Ukrainian SSR.

245T38

TRACHENKO, T.A.

USSR.

✓ The nature of the phenomenon of difficult stripping of  
cathodic zinc. A. I. Levig, A. V. Ponomarev, and T. A.  
Trachenko. *J. Appl. Chem. U.S.S.R.* 26, 1189-89 (1953).  
(Engl. translation).—See *C.A.*, 49, 762b. H. L. H.



Nature of the Phenomenon of "Difficult Stripping" of **MG**  
Cathode Zinc. A. I. Levin, A. V. Ponomarev, and T. A. Tkachenko (*Zhur. Priklad. Khim.*, 1953, 26, (12), 1235-1238). [In Russian]. In the electrodeposition of Zn from ZnSO<sub>4</sub> soln. there are periods when the deposit is difficult to remove from the Al starting sheets. To investigate this, soln. contg. Zn 60, H<sub>2</sub>SO<sub>4</sub> 100 g/l., with various fluoride contents, were electrolysed at 32° C. and cathodic c.d. (*I<sub>c</sub>*) = 400 amp./m.<sup>2</sup>, using anodes and cathodes of sheet Pb and Al, resp. Stripping trouble occurred only when the F<sup>-</sup> content reached 300 mg./l., for cathodes used repeatedly, or >4000 mg./l. for new cathodes. Since the max. F<sup>-</sup> content of ordinary baths is 50 mg./l., the troubles experienced in practice are not solely due to the presence of F<sup>-</sup>, as was suggested by Zaimovich and Il'enko (*Tsvet. Met.*, 1943, (2), 51); in addn., experiments showed that the presence of a natural oxide film on the Al assists removal of the Zn. Increasing the F<sup>-</sup> concentration from 0 to 4000 mg./l. changed the electrode potentials of Al in H<sub>2</sub>SO<sub>4</sub> (160 g./l.) and in the acid ZnSO<sub>4</sub> electrolyte from -0.239 to -0.239 and from -0.33 to -0.862 V., resp., but this was so only for the initial potential; the potential of Al in H<sub>2</sub>SO<sub>4</sub> after 2 hr. was -0.58 V. for any F<sup>-</sup> content within the range 0-4000 mg./l. The increased adhesion of the Zn is attributed to porosity in the oxide film or scratches, dents, cracks, and other defects in the metal surface. Microcells are set up, leading to the formation of intermetallic Zn-Al compounds in pits in the Al. This was confirmed by artificially producing adhesion by etching the Al surface or by amalgamating it. The reduction in current efficiency observed with amalgamated plates is explained by the intensive corrosion that occurs.

-G. V. E. T.

(2)

*Handwritten initials*

TKACHENKO, T. A.

TKACHENKO, T. A.: "The lithology of the lower and middle Jurassic deposits of the Dnepr-Donets lowland." Acad Sci Ukrainian SSR. Inst of Geological Sciences. Kiev, 1956.  
(Dissertation for the degree of Candidate in Geologicomineralogical Sciences)

SO: Knizhnaya Letopis', No 36, 1956, Moscow.

TKACHENKO, T.A. [Tkachenko, T.O.]

Jurassic chamoisite limestones in the southeastern Dnieper-Donets  
Lowland. Geol. zhur. 20 no. 1:27-35 '60. (MIRA 14:5)  
(Dnieper-Donets Lowland---Limestone)

DYADCHENKO, M.G. [Diadchenko, M.H.]; ZERNETSKIY, B.F. [Zernets'kiy, B.F.];  
TKACHENKO, T.A. [Tkachenko, T.O.]

Mineralogy of liman sands near Stanislav, Kherson Province. Dop.AN  
URSR no.9:1263-1266 '60. (MIRA 13:10)

1. Institut geologicheskikh nauk AN USSR. Predstavleno akademikom  
AN USSR N.P.Semenenko.

(Kherson Province--Sand)

Translation from: Referativnyy zhurnal, Geologiya, 1957, Nr 3,  
p 80 (USSR) 15-1957-3-2983D

AUTHOR: Tkachenko, T.A.

TITLE: Lithology of the Lower and Middle Jurassic Rocks in the  
Dnepr-Donets Basin (Litologiya nizhne- i sredneyurskikh  
otlozheniy Dneprovsko-Donetskoy vpadiny)

ABSTRACT: Bibliographic entry on the author's dissertation for the  
degree of Candidate of Geological and Mineralogical  
Sciences, presented to the In-t geol. nauk. AN USSR  
(Institute of Geological Sciences of the AS Uk SSR), Kiyev,  
1956

ASSOCIATION: In-t geol. nauk AN USSR (Institute of Geological Sciences  
of the AS Uk SSR), Kiyev.

Card 1/1

*Tkachenko, T.G.*  
USSR/Optics - Photography

K-11

Abs Jour : Referat Zhur - Fizika, No 5, 1957, 13231  
Author : Chel'tsov, V.S., Tkachenko, T.G.  
Inst : -  
Title : Color Films "Eastman Color", Their Structure, and Photo-  
graphic Properties.  
Orig Pub : Zh. nauch. i prokl. fotografii i kinematogr., 1956, 1, No  
2, 143-147  
Abstract : A brief historical information are given on the films  
"Eastman Color" and descriptions are given for the new  
films produced in 1954, type 5248, 5245 and 5382, and  
also the black and white positive film type 5216 that  
was used jointly with them.

Card 1/1

L 6913-65 ENT(m)/ENP(j) Pc-4 SSD/ASD(a)-5/AFWL/ESD(gs)/ESD(t)/RAEM(t) RM  
ACCESSION NR: AR4039920 S/0058/64/000/004/D116/D116

SOURCE: Ref. zh. Fiz., Abs. 4D894 54

AUTHORS: Solov'yeva, I. A.; Tkachenko, T. G.; Guseva, A. G.

TITLE: Research in the field of azomethine dyes<sup>5</sup> VI. Azomethine dyes derived from 2-acylamino-pyrazolones

CITED SOURCE: Kinotekhnika. Nauchno-tekhn. sb., vy\*p. 4, 1963,  
103-116

TOPIC TAGS: organic derivative, dye, photographic emulsion, color film, sensitivity increase

TRANSLATION: A large number of azomethine dyes (AD) have been sensitized. These dyes are the color producing components of multilayer color films, and are of the class of derivatives of 2-acylamino-pyrazolones (5) with different acyl residues in the amino group. The

Card 1/2

L 6913-65

ACCESSION NR: AR4039920

photographic and optical properties of these azomethine dyes have been investigated, along with some properties of dyes obtained from them by color development (absorption spectra and stability). The introduction of the acyl residue into the amino group of the AD deepens their color, particularly in alcohol solutions. The absorption of the AD in gelatine emulsion is characterized by a hypsochromic shift of the absorption maximum compared with the alcohol solutions, and by a simultaneous broadening of the entire absorption band. Many investigated AD from the 1-aryl-3-acylaminopyrazolone series are quite active under color development and form highly stable dyes. The latter pertains also to AD from the series of 3-N-alkyl (aryl)-N-acylaminopyrazolones, but unlike the preceding series these AD have a small reactivity. Bibliography, 21 titles. A. Kartuzhanskiy.

SUB CODE: ES, OC

ENCL: 00

Card 2/2



CHEL'TSOV, V.S.; TKACHENKO, T.G.

Color films processed by color development with diffusing  
couplers. (Kodachrome and others). Zhur. nauch. i prikl.  
fot. i kin. 1 no.6:461-467 N-D '56. (MLRA 10:2)

(Color photography)

2

S/058/63/000/003/045/104  
A062/A101

**AUTHORS:** Portnaya, B. S., Solov'yeva, I. A., Turitsyna, N. F., Levkoyev, I. I.,  
Chel'tsov, V. S., Krasheninnikova, M. V., Bobkova, T. P., Tkachen-  
ko, T. G.

**TITLE:** On the properties of masking color components of arylazo derived  
pyrazolones (5) and anilides of 1,2-oxynaphthoic acid

**PERIODICAL:** Referativnyy zhurnal, Fizika, no. 3, 1963, 86, abstract 3D584  
("Uspekhi nauchn. fotogr.", 1962, v. 8, 35 - 43)

**TEXT:** An investigation was made on the dependence of the color photographic  
properties of some arylazo derived pyrazolones and anilides of 1,2-oxynaphthoic  
acid on the nature and position of the substitution agents in the arylazo-group.  
It is established that the phenyl derivatives of pyrazolones and of 1,2-oxynaph-  
thoic acid are compounds considerably less susceptible of reaction in the condi-  
tions of color developing than the initial purple and pale blue components. The  
entry of electropositive substitution agents into the phenylazo-group somewhat  
increases the reaction capacity of the components, the most favorable influence

Card 1/2

On the properties of masking color components...

S/058/63/000/003/045/104  
AC62/A101

then being shown by the oxy-group in the position 4. Electronegative substitution agents in the phenylazo-group of masking pale blue components cause a sharp decrease of the activity, and in the case of derivatives of 3-alkylpyrazolone they may show also a favorable influence. Some of the obtained compounds may be employed for preparing negative and contrast masking color motion-picture materials. It is shown that arylazo-derivatives of 3-alkyl- and 3-acylamino-pyrazolone usually absorb the light of the blue-violet range (maximum of absorption 400 - 420 m $\mu$ ). The entry of strong electron donor substitution agents into the phenylazo-group causes an appreciable deepening of their coloration. The absorption spectra of the masking pale blue components of the derivatives of 1,2-oxynaphthole acid include the blue-violet and partially the green portion of the spectrum and in many cases they consist of two bands whose relative intensity may change strongly according to the nature and position of the substitution agents in the arylazo-group. A particularly sharp increase of the absorption intensity in the blue-violet range takes place in the case of 2-methyl- and 2-chlorophenylazo derivatives. It is established that the majority of the investigated masking purple and pale blue components at pH 5 are, as a rule, stable enough in respect to solutions containing ferrocyanic potassium. In alkaline bleaching solutions their stability strongly decreases.

[Abstracter's note: Complete translation]

Card 2/2

POPHAYA, B.S.; TRACHENKO, V.G.; POBLOVA, T.N.; CHEL'USOV, V.S.;  
LEVIKOV, T.I.

Studies in the field of azomethine dyes. Report No.7: Photochemical  
properties of some substituted phenols of the benzene series. Zbur.  
nauch. i prikl. fot. i kin. 10 no.4:278-286. 41-44, 1966.

(MIRA 18:7)

1. Vsesoyuznyy nauchno-issledovatel'skiy kinofotoinstitut (VIFKI).

... .. Y. S. LUBITOV AND I. G. TKACHENKO. Zh.  
nauch. priklad. Fotogr. Kinematogr. I. Nov.-Dec. 1955 461-467 (in Russian)  
—Colour processes Kodachrome...

CHEL'TSOV, V.S.; TKACHENKO, T.G.

Eastman color motion-picture films, their structure and photographic properties. Zhur.nauch.i prikl. fot. i kin. 1 no.2:143-147 Mr-Ap '56.  
(MIRA 9:10)  
(Synthetic products) (Cinematography--Films)

TKACHENKO, T.G.

"Advances in scientific photography." Vol. 4. Reviewed by T.G. Tkachenko. Zhur.nauch.i prikl.fot. i kin.1 no.2:158 Mr-Ap '56.

(Photography--Scientific applications)

(MIRA 9:10)

PORTNAYA, B.S.; SOLOV'YEVA, I.A.; TURITSYNA, N.F.; LEVKOYEV, I.I.;  
CHEL'TSOV, V.S.; KRASHENINNIKOVA, M.V.; BOBKOVA, T.P.;  
TKACHENKO, T.G.

Characteristics of the masking color components made of  
pyrazolin arylazo derivatives and anilides of 1,2-hydroxynaph-  
toic acid. Usp. nauch. fot. 8:35-43 '62. (MIRA 17:7)



TKACHENKO, T.I., kapitan-kontr-admiral v otstavke

From experience of the past. Mor. sbor. 28 no.3:77-81 M- 165.

(MIRA 18:8)

AYZENBERG, D.Ye. [Aizenverg, D.IE.]; BARANOVA, N.M.; VEKLICH, M.F.;  
 GOLYAK, L.M. [Goljak, L.M.]; GORAK, S.V. [Horak, S.V.];  
 DIDKOVSKIY, V.Ya. [Didkovs'kyi, V.IA.]; ZELINSKAYA, V.O.  
 [Zelins'ka, V.O.]; ZERNETSKIY, B.F. [Zernets'kyi, B.F.];  
 KAPTARENKO-CHERNOUSOVA, O.K.; KRAYEVA, Ye.Ye. [Kraieva, IE.IA.];  
 KRASHENINNIKOVA, O.V.; KUTSIBA, A.M.; LAPCHIK, T.Yu.; MAKARENKO,  
 D.Ye.; MOLYAVKO, G.I. [Molievko, H.I.]; MULIKA, A.M.; PASTERNAK,  
 S.I.; PERMYAKOV, V.V.; ROMODANOVA, A.P.; ROTMAN, R.N.; SLAVIN, V.I.;  
 SOKOLOVSKIY, I.L.; SOROCHAN, O.A.; SYABRYAY, V.T.; TKACHENKO, T.O.;  
 SHUL'GA, P.L. [Shul'ha, P.L.], doktor geol.--mineral.nauk; YAMNICHENKO,  
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3.56; FeO 1.48; MnO 0.16; MgO 0.83; CaO 2.10; Na<sub>2</sub>O  
4.14; K<sub>2</sub>O 6.28%. The principal constituent of the mineral  
matter is volcanic glass in the form of thin lamellas and  
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EE JKH

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*ca*

Determination of dry substance in sugar laboratories.  
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 for detg. dry substance. The solids given by a detn. of  
 the evapd. residue and by a detn. of the refraction of a  
 diltd. soln. did not agree. However, by modifying the  
 Cufin method slightly T. was able to obtain results by  
 the diln. method which agree with those obtained by  
 evapn. of the soln. T. suggests that the method should  
 be tested on sugar solns. prepd. in sugar mills of other  
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