"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00123

PROCESSES AND PROPERTIES INDEX

CA

11 D

Leaf albumins as an index for salt resistance of cotton plants. B. P. Strogonov and Lidiya (Ostapenko). *Compt. rend. acad. sci. U. R. S. S.* 30, 80-8 (1941) (in English). Excess salts taken up by cotton are localized in the tissues, but such localization does not interrupt photosynthetic activity. The albumin content of cotton tissues increased with the salt concn. of the soil. Petioles of excised cotton leaves from plants growing in plots of weak (I) and moderate (II) salt concn. were placed in the water ext. from alkali soils. Wilting was less in leaves from II than I. Conclusion: the leaf albumins protect the plasma colloids against the toxic effect of excess salts and assure normal functioning of the chlorophyll, stabilizing it as a lyophobe in the cellular protoplast. N. McKais, Jr.

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00123

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001238

OSTAPENKO, L. A.

"Photosynthesis And Growth-Processes In Beet (Bet A Vulgaris L.)," Dok. AN 45, No. 6, 1944.

Lab. for Photosynthesis, im. A. N. Rikther, Dept. Biol. Sci., AS

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001238

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001238

OSTAPENKO, L. A.

"Photosynthesis and Development of Plants," Dok. AN 46, No 1, 1945.

Photosynthesis Lab., AS

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001238

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001238

OSTAPENKO, L. A.

"Photosynthesis and Growth," Dok. AN 46, No 4, 1945.

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001238

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001238

OSTAPENKO, L. A.

"Co_2 Assimilation in Growing Organs," Dok. AN 46, No. 7, 1945.

Lab. Photosynthesis, AS

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001238

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001238

OSTAPENKO, L. A.

"State of the Leaf and Photosynthesis," Dok. AN 47, No 1, 1945.

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001238

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001238

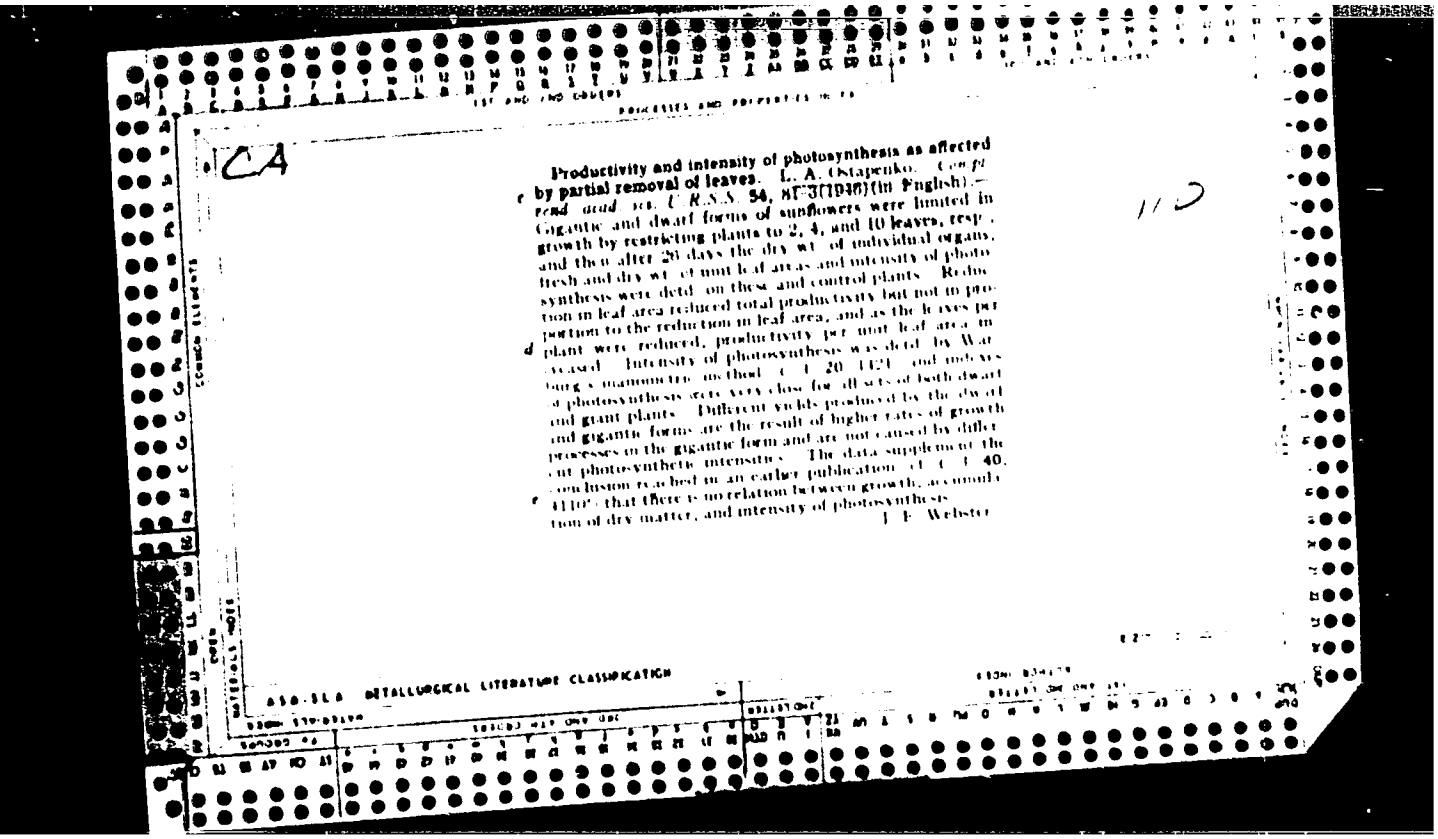
OSTAPENKO, L. A.

"Contribution to the Problem of the Intensity of Photosynthesis in Sporophyta," Dok. AN 53, No. 7 1946.

Lab. of Photosynthesis, AS

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001238

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001238



CA

Productivity and intensity of photosynthesis as affected by partial removal of leaves. L. A. Ostapenko. *Compt. rend. acad. sci. U.R.S.S.* **54**, 81-3(1946)(in English).—Gigantic and dwarf forms of sunflowers were limited in growth by restricting plants to 2, 4, and 10 leaves, resp., and then after 20 days the dry wt. of individual organs, fresh and dry wt. of unit leaf area and intensity of photosynthesis were detd. on these and control plants. Reduction in leaf area reduced total productivity but not in proportion to the reduction in leaf area, and as the leaves per plant were reduced, productivity per unit leaf area increased. Intensity of photosynthesis was detd. by Warburg's manometric method. C. I. 20, 1424, and indexes of photosynthesis were very close for all sets of both dwarf and giant plants. Different yields produced by the dwarf and gigantic forms are the result of higher rates of growth processes in the gigantic form and are not caused by differ. in photosynthetic intensities. The data supplement the conclusion reached in an earlier publication, cf. C. I. 40, 4110, that there is no relation between growth, accumulation of dry matter, and intensity of photosynthesis.

J. F. Webster

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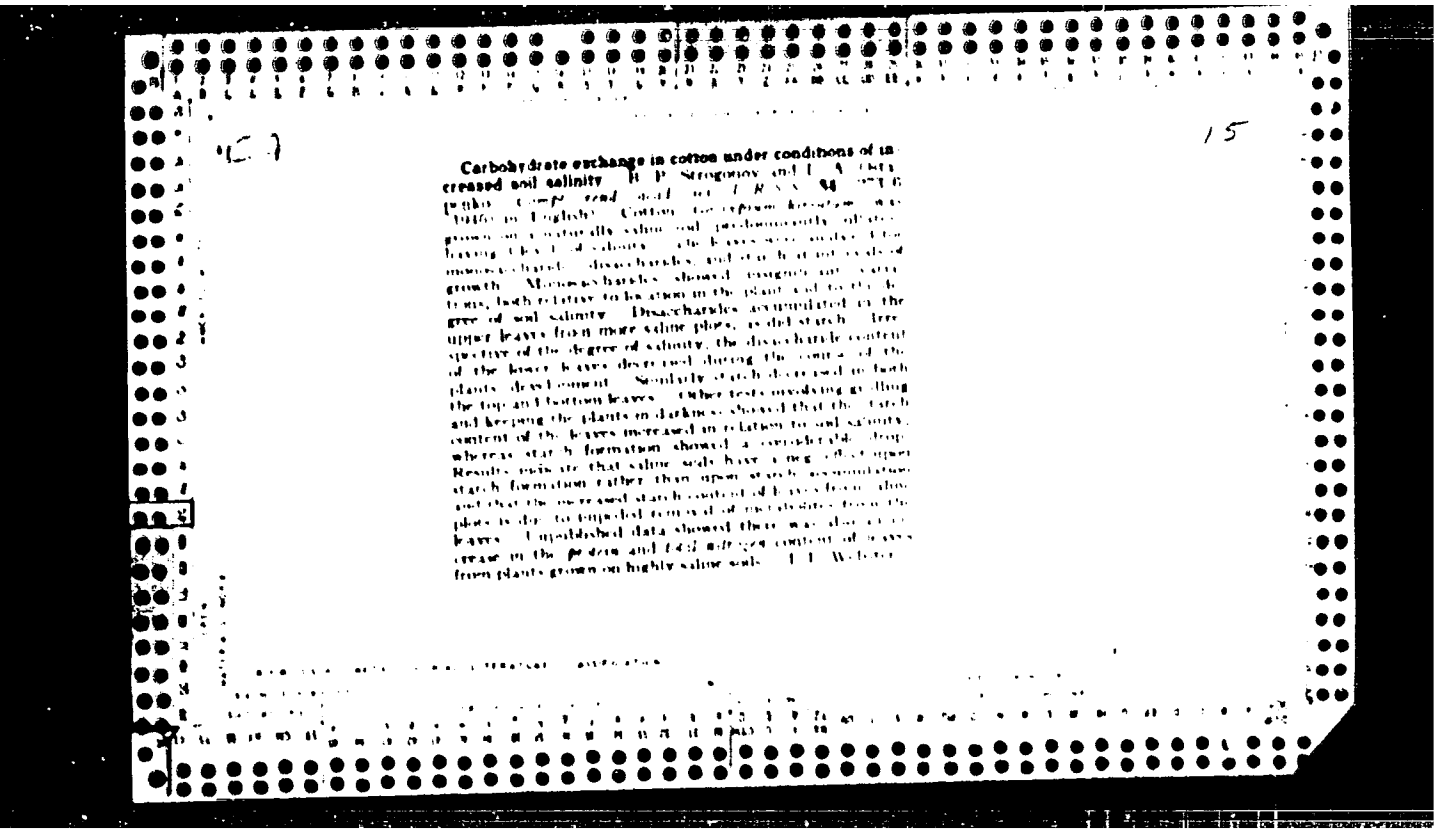
"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001238



Carbohydrate exchange in cotton under conditions of increased soil salinity

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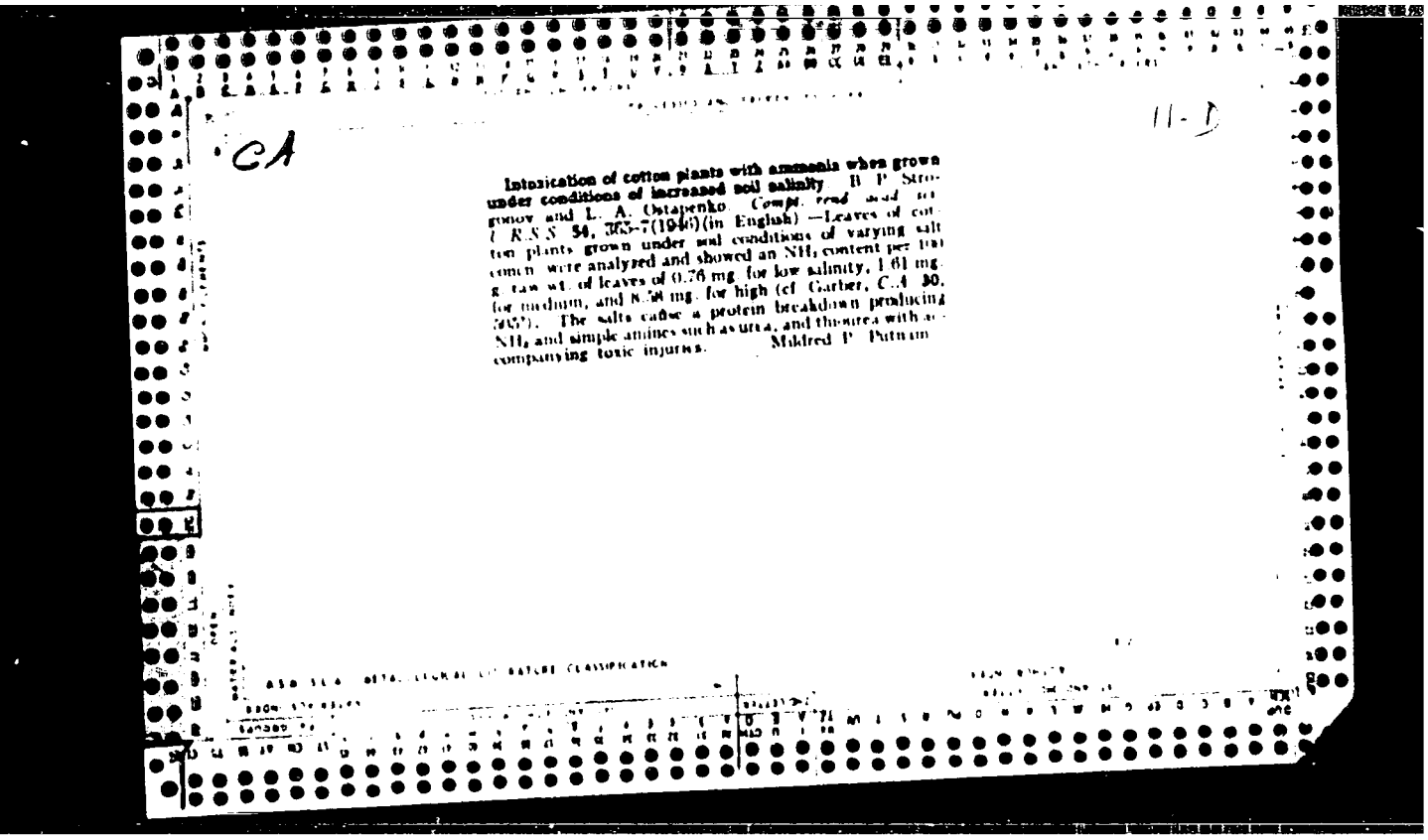

CA

11-D

Intoxication of cotton plants with ammonia when grown under conditions of increased soil salinity. B. P. Strogonov and L. A. Ostapenko. *Compt. rend. acad. sci. U.R.S.S.* 54, 355–7(1946)(in English).—Leaves of cotton plants grown under soil conditions of varying salt concn. were analyzed and showed an NH_3 content per 100 g. raw wt. of leaves of 0.76 mg. for low salinity, 1.61 mg. for medium, and 8.58 mg. for high (cf. Garber, *C.A.* 30, 2697). The salts cause a protein breakdown producing NH_3 and simple amines such as urea, and the urea with accompanying toxic injuries. Mildred P. Putnam

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"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001238

ZARETSKIY, U.I. [Zarets'kyi, U.I.]; OSTAPENKO, L.K.

From practices of the Berdichev Clothing Factory No.2. Leh.prom. no.3:55-56 Je - Ag '62. (MIRA 16:2)

1. Berdichevskaya shveynaya fabrika.
(Berdichev—Clothing industry)

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001238

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001238

OSTA-SHEV, L.S., Cand Med Sci -- (diss) "Treatment of lingering dysentery in young children ~~with~~ synthomycin (hygromycin) in combination with xxx alcohol and enteral vaccine." Khar'kov, 1957, 11 pp (Khar'kov State Med Inst) 200 copies (KL, 24-58, 147)

- 14 -

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001238

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001238

OSTAPENKO, L.V.

Changes in the temperature of refractories along the length of open-hearth furnace tap holes. Izv. vys. ucheb. zav.; chern. met. 7 no.3:66-68 '64. (MIRA 17:4)

1. Dneprodzerzhinskiy metallurgicheskiy zavod-vtuz.

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"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001238

OSTAPENKO, L. V.

Methods of opening up the tapping hole in open-hearth furnaces.
Izv. vys.ucheb.zav.; chern.met.7 no. 5:63-68 '64. (MIRA 17:5)

1. Dneprodzerzhinskiy metallurgicheskiy zavod-vtuz.

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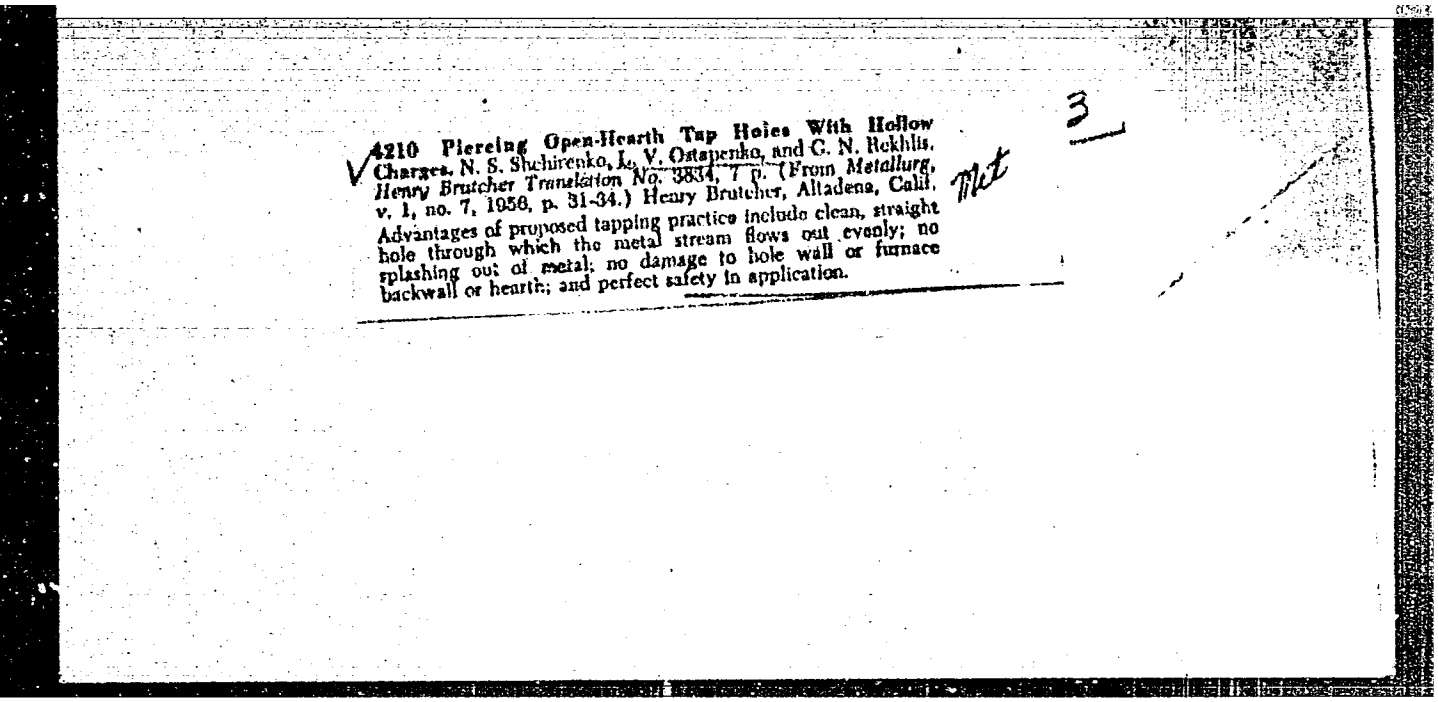

4210 Piercing Open-Hearth Tap Holes With Hollow Charges. N. S. Shchirenko, L. V. Ostapenko, and G. N. Rekhlis. Henry Brutcher *Translation No.* 3834, 7 p. (From *Metallurg*, v. 1, no. 7, 1956, p. 31-34.) Henry Brutcher, Altadena, Calif.

Advantages of proposed tapping practice include clean, straight hole through which the metal stream flows out evenly; no splashing out of metal; no damage to hole wall or furnace backwall or hearth; and perfect safety in application.

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SHCHIRENKO, N.S., professor; OSTAPENKO, L.V.; REKHLIS, O.N.

Opening the tap hole of an open-hearth furnace with the aid of a shaped charge. Metallurg no.7:31-34 Jl '56. (MLRA 9:9)

1.Dneprepetrovskiy metallurgicheskiy institut (for Shchirenko, Ostapenko).2.Rukoveditel' staleplavil'noy gruppy TSZL zavoda imeni Dzerzhinskogo (for Rekhlis).
(Open hearth process) (Blasting)

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"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001238

SHLYAKHOV, E.N.; BONDURYANSKIY, I.P.; GROYSMAN, G.M.; OSTAPENKO, M.G.; LITVIK, Ye.M.; KONDRAT'YEVA, L.I.; LEBENZON, N.P.; SHPANIR, Ye.I.

Use of gamma globulin for the prevention of infectious hepatitis in pediatric institutions. Trudy Kish.gos.med.inst. 11:101-104 '60. (MIRA 16:2)

1. Otdel epidemiologii Moldavskogo nauchno-issledovatel'skogo instituta epidemiologii, mikrobiologii i gigiyeny, Kishinevskaya, Bel'tskaya, Orgeyevskaya i Respublikanskaya sanitarnaya epidemiologicheskaya stantsiya.
(HEPATITIS, INFECTIOUS—PREVENTIVE INOCULATION)
(GAMMA GLOBULIN)

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"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001238

MIKHAL'CHENKO, V.M.[Mykhal'chenko, V.M.]; MISNICHENKO, O.M.; MARCHENKO, T.I.; MIKHAYLOVA, M.Y.[Mykhailova, M.I.]; SHVED, M.P.; OSTAPENKO, M.G.[Ostapenko, M.H.]; BULDEY, I.A.; MARKIN, M.S., glav. red.; OSTAPENKO, M.G. [Ostapenko, M.H.], otv. za vyp.; MINEVICH, M.I.[Minevych, M.I.], tekhn. red.

[Soviet trade in the Ukrainian S.S.R.; statistical abstract] Radians'ka torhivlia v Ukrains'kii RSR; statystychnyi zbirnyk. Kyiv, Derzh. stat. vyd-vo, 1963. 318 p. (MIRA 16:9)

1. Ukraine. Statisticheskoye upravleniye. 2. Otdel statistiki torgovli TSentral'nogo statisticheskogo upravleniya pri sovete ministrov Ukr. SSR (for Mikhal'chenko, Misnichenko, Marchenko, Mikhaylova, Shved, Ostapenko, Buldey). 3. Nachal'nik TSentral'nogo statisticheskogo upravleniya Ukr.SSR (for Markin).
(Ukraine--Commerce) (Ukraine--Statistics)

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"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001238

MIKHAL'CHENKO, V.M.[Mykhal'chenko, V.M.]; MISNICHENKO, O.M.; MARCHENKO, T.I.; MIKHAYLOVA, M.Y.[Mykhailova, M.I.]; SHVED, M.P.; OSTAPENKO, M.G.[Ostapenko, M.H.]; BULDEY, I.A.; MARKIN, M.S., glav. red.; OSTAPENKO, M.G. [Ostapenko, M.H.], otv. za vyp.; MINEVICH, M.I.[Minevych, M.I.], tekhn. red.

[Soviet trade in the Ukrainian S.S.R.; statistical abstract] Radians'ka torhivlia v Ukrains'kii RSR; statystychnyi zbirnyk. Kyiv, Derzh. stat. vyd-vo, 1963. 318 p. (MIRA 16:9)

1. Ukraine. Statisticheskoye upravleniye. 2. Otdel statistiki torgovli TSentral'nogo statisticheskogo upravleniya pri sovete ministrov Ukr. SSR (for Mikhal'chenko, Misnichenko, Marchenko, Mikhaylova, Shved, Ostapenko, Buldey). 3. Nachal'nik TSentral'nogo statisticheskogo upravleniya Ukr.SSR (for Markin).
(Ukraine--Commerce) (Ukraine--Statistics)

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001238

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001238

OSTAPENKO,M.G.; LEBEDEV,V.K.; GORBUNOV,G.V.; LITVINCHUK,M.D.

Spot electric welding of pipelines. Visnyk AN URSR 26 no.5: 49-50 My '55. (MIRA 8:8)
(Electric welding) (Pipelines)

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001238

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001238

OSTAPENKO, M.I.

Experience with psychoprophylactic method in painless labor. Fel'dsher & akush. no.8:57-59 Aug 1953. (CIML 25:1)

1. Bykovo Village, Stalingrad Oblast.

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001238

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001238

OSTAPENKO, M.M.

Occasional migrations of the honey buzzard Pernis ptilorhynchus orientalis Taczanowski into Uzbekistan. Uzb. biol. zhur. no.5:70 '60. (MIRA 13:11)

(Uzbekistan--Buzzards)

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001238

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001238

OSTAPENKO, M.M.

Species and distribution of wintering birds in the Surkhan basin. Vop. biol. i kraev. med. no.4:310-314 '63.
(MIRA 17:2)

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001238

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001238

KHIL'KO, D.R.; OSTAPENKO, N.M. (Stalinskaya oblast')

Treatment of durine in horses. Veterinariia 36 no.2:40 F '59.
(MIRA 12:2)

1. Glavnyy vetvrach Konstantinovskogo rayona (for Khil'ko). 2. Zaveduyushchiy Druzhkovskoy gorvetlechebnitsey (for Ostapenko).
(Dourine)

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001238

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001238

OSTAPENKO, M.M.

Feeding habits of the stone partridge (Alectoris graeca) in southwestern spurs of the Chatkal Range. Uzb.biol.zhur. no.11:25-31 '58.
(MIRA 11:12)

1. Institut zoologii i parazitologii.
(Mountain-forest preserve--Partridges) (Birds--Food)

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"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00123

SOV/84-58-5-11/57

AUTHOR: Ostapenko, N., Chief of Staff of a unit

TITLE: Episodes of the Heroic Past (Epizody geroicheskogo proshlogo)

PERIODICAL: Grazhdanskaya aviatsiya, 1958, Nr 5, pp 14-15 (USSR)

ABSTRACT: The author relates some episodes showing the bravery of airmen during World War II.

1. Air Force--USSR 2. Personnel--Performance

Card 1/1

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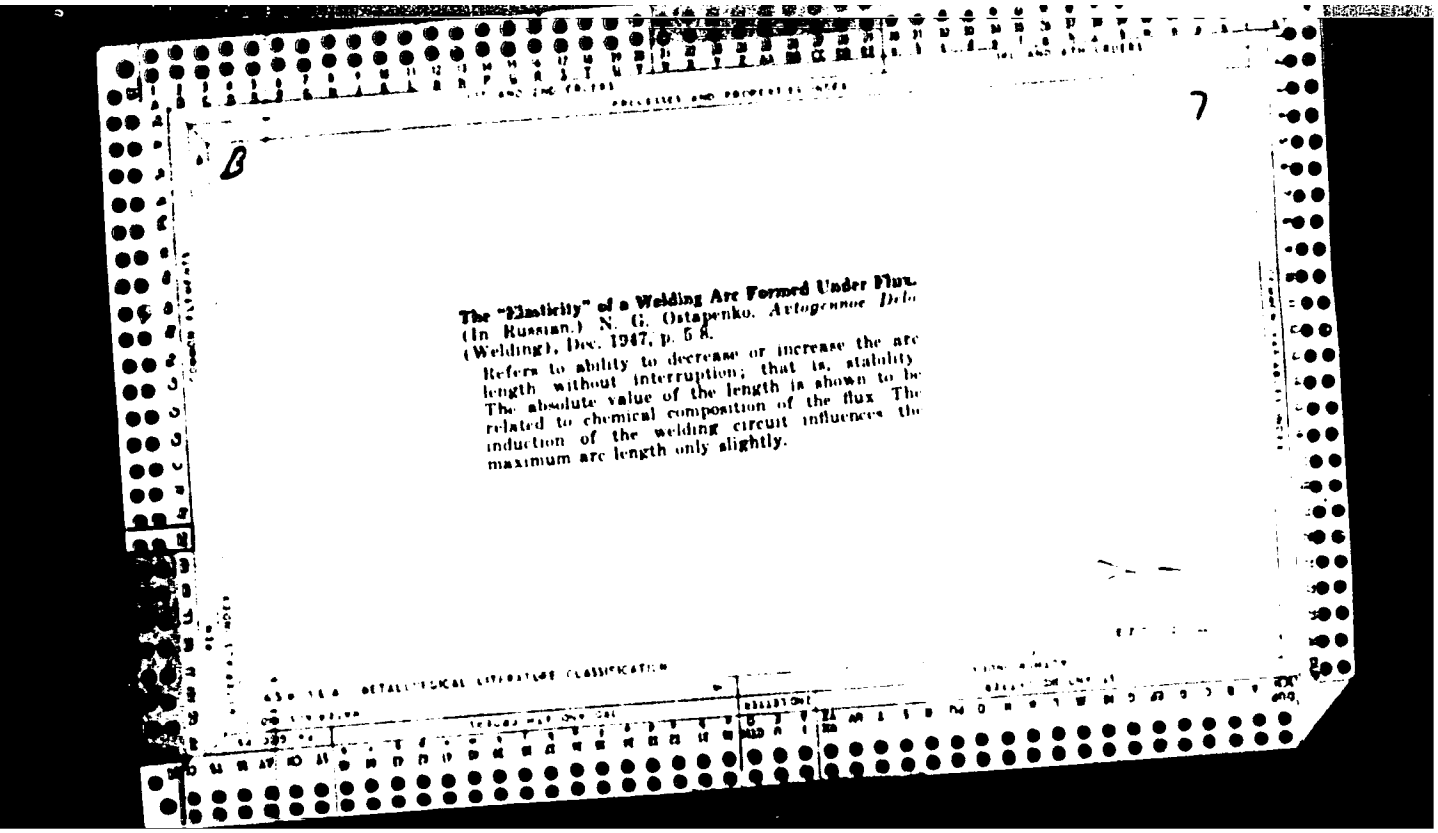

The "Elasticity" of a Welding Arc Formed Under Flux.
(In Russian.) N. G. Ostapenko. *Avtogennoe Delo*
(Welding), Dec. 1947, p. 5-8.

Refers to ability to decrease or increase the arc length without interruption; that is, stability. The absolute value of the length is shown to be related to chemical composition of the flux. The induction of the welding circuit influences the maximum arc length only slightly.

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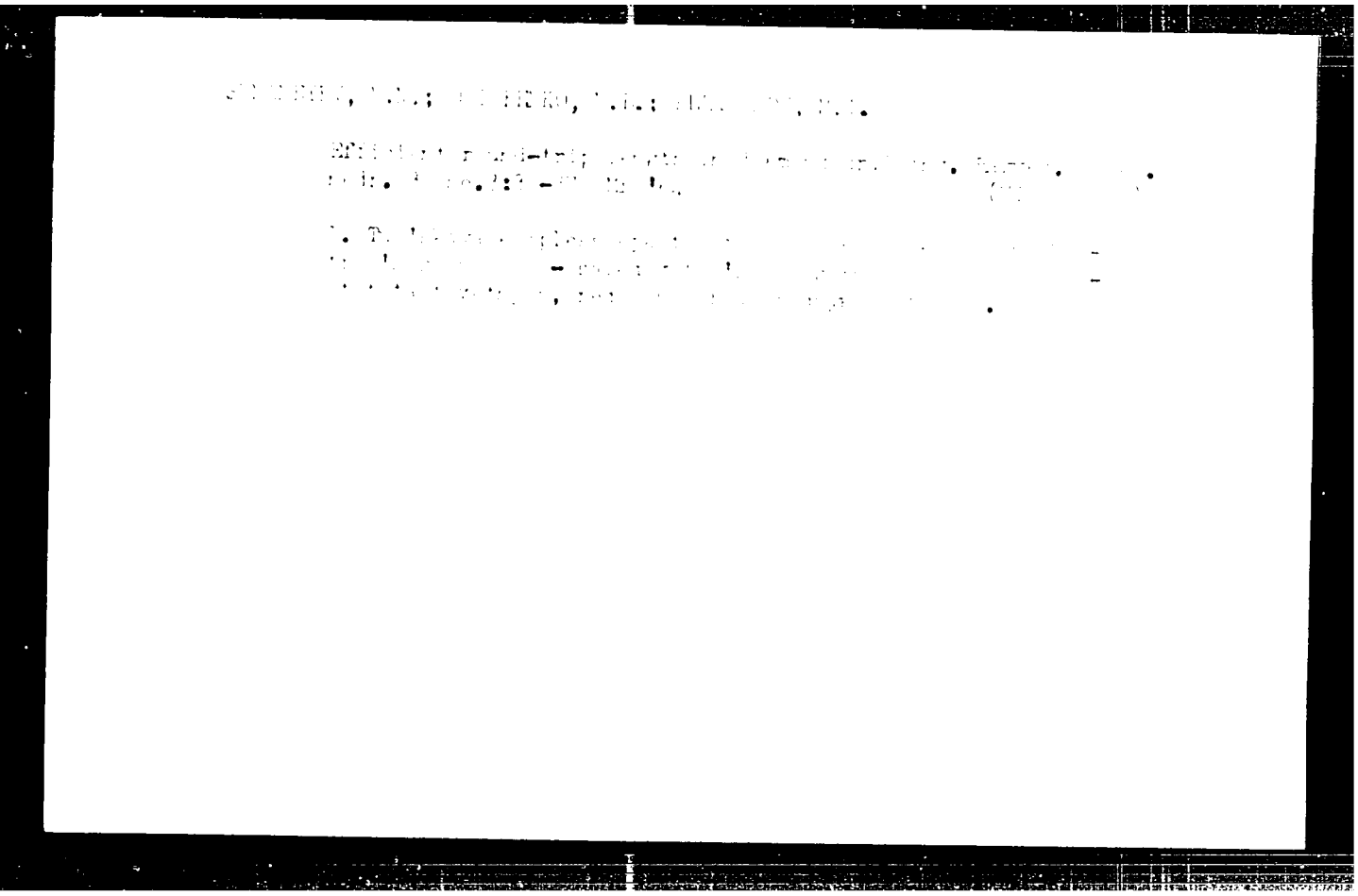

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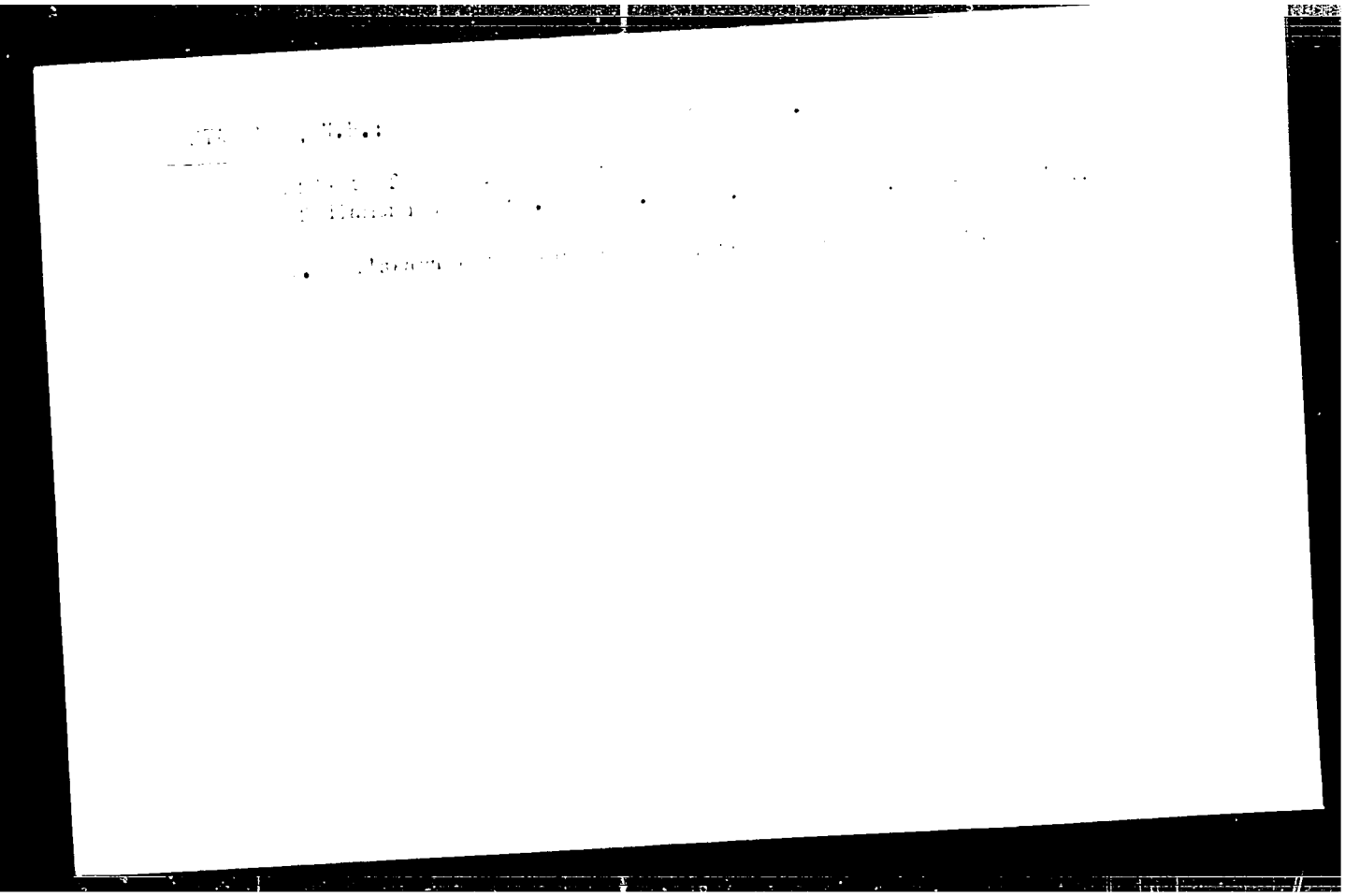

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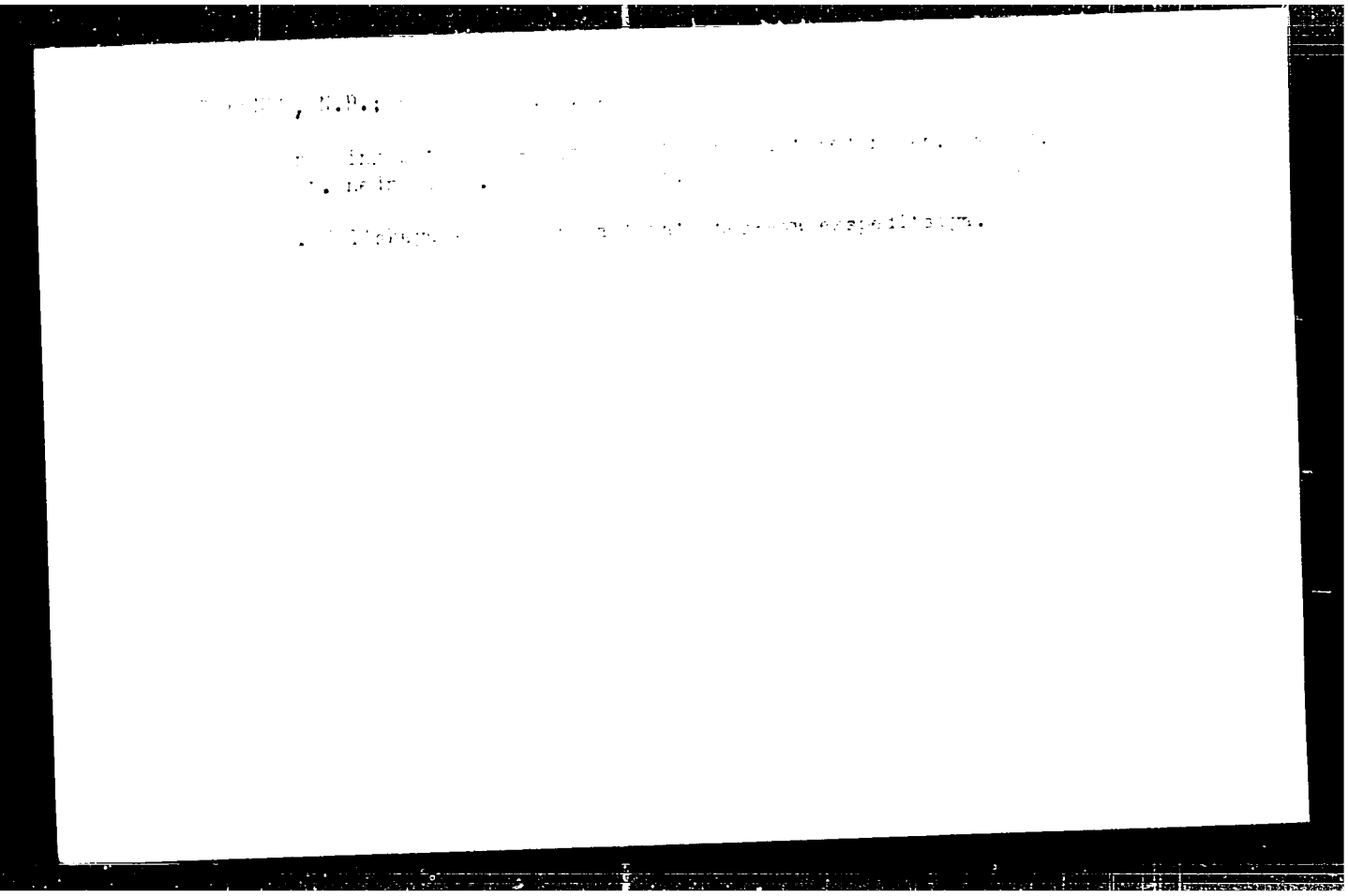

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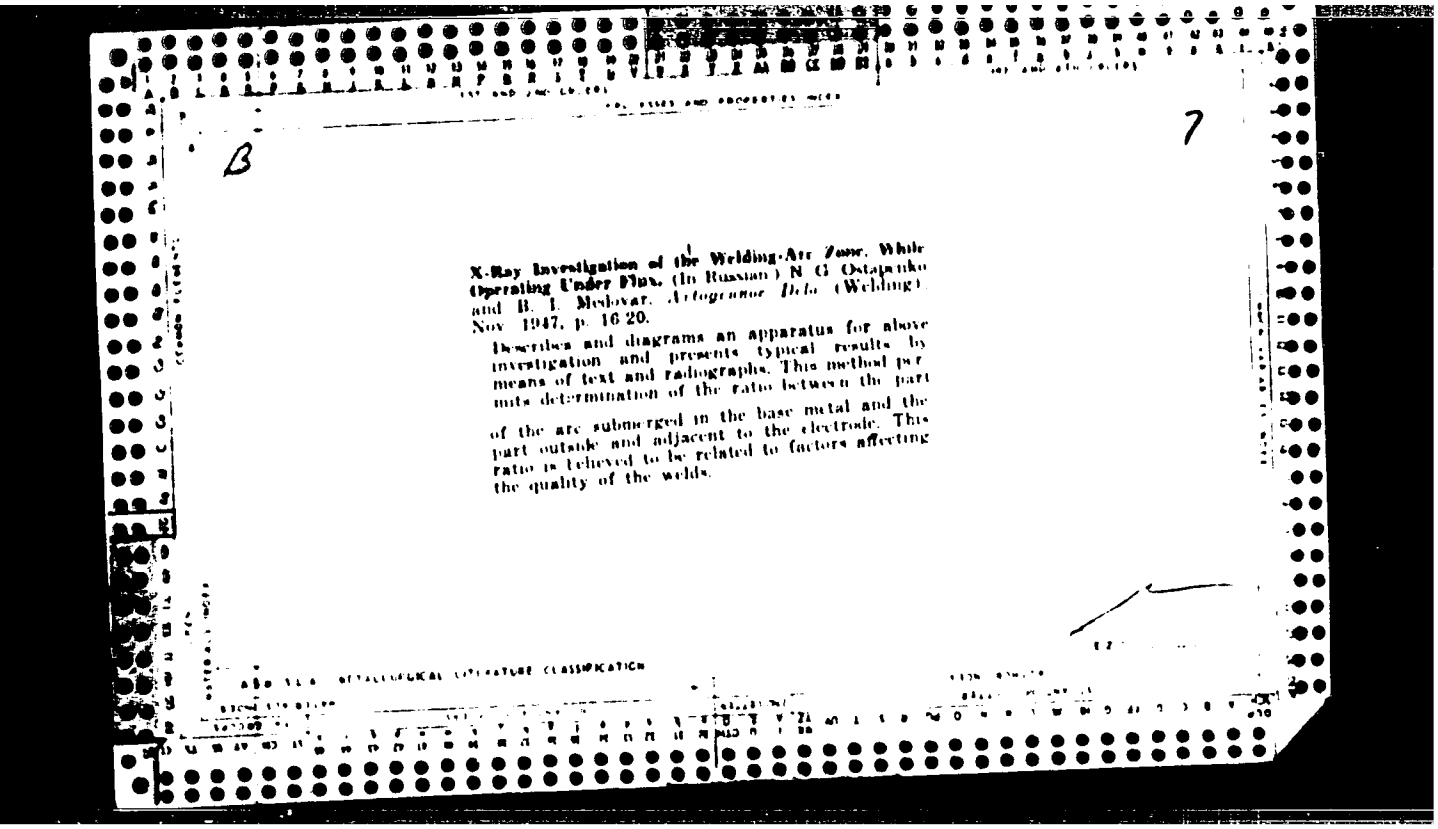

B

7

X-Ray Investigation of the Welding-Arc Zone While Operating Under Flux. (In Russian.) N. G. Ostapenko and B. I. Medovar. *Avtogennoe Delo* (Welding). Nov. 1947. p. 16-20.

Describes and diagrams an apparatus for above investigation and presents typical results by means of text and radiographs. This method permits determination of the ratio between the part of the arc submerged in the base metal and the part outside and adjacent to the electrode. This ratio is believed to be related to factors affecting the quality of the welds.

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OSTAPENKO, N.G.

USSR/Welding - Methods
Screws

Jun 1947

"Automatic Welding of Screws," N.G. Ostapenko, Yu. A. Sterenbogen, D.A. Dudko, 4 pp

"Avtogennoye Delo" Vo 6

Description of a method, with operating data and photographs, of welding screws with a device with a pistol handle.

14T2

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"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00123

PROCESSES AND PROPERTIES INDEX

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5

Automatic Stud-Welding to Vertical and Overhead Surfaces. N. G. Ostapenko. (Avtogennoe Delo, 1948, No. 8, pp. 18-19). [In Russian]. An account is given of a gun which can be used for submerged arc welding of studs to vertical or overhead surfaces, the flux being contained in a box of the appropriate shape attached to the gun. Tests showed that the total time per stud is approximately 12-15 sec., the welding time with a stud 12 mm. in dia. being 0.8 sec.

METALLURGICAL LITERATURE CLASSIFICATION

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00123

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00123

OSTAPENKO, [illegible], [illegible]

Electric Welding

Welding of lugs to slag screen boiler tubes by means of electric resistance [illegible]
Avtom. svar. 4, No. 4(19), 1951.

9. Monthly List of Russian Accessions, Library of Congress, June 1953, Uncl.

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"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001238

USSR/Engineering - Welding May 51

"Automatic Welding of Double-Flanged Butt Joints With a Carbon Arc Stabilized by a Carbon Dioxide Stream," N. G. Ostapenko, Cand Tech Sci, Inst of Elec Welding imeni Acad Ye. O. Paton, Acad Sci Ukrainian SSR

"Avtogen Delo" No 5, pp 6-9

Investigation proved applicability of carbon arc in a carbon dioxide atm for welding double-flanged joints of containers made of thin steel plates, such as fuel tanks. Process requires no flux, making equipment considerably simpler.

200T28

USSR/Engineering - Welding (Contd) May 51

Arc is more elastic and elongates considerably without breaking.

200T28

OSTAPENKO, N.G.

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001238

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001238

OSTAPENKO, N.C.

USSR/Engineering - Welding, Nov 51

"On Certain Characteristics of a Welding Arc Under Flux," N. G. Ostapenko, Cand Tech Sci, Inst of Elec Welding imeni Ye. O. Paton, Acad Sci Ukrainian SSR

"Avtogen Delo" No 11, pp 15-21

Discusses results of expts for studying welding arc, burning under flux between steel electrodes on industrial frequency ac. Image of dynamic characteristics was obtained on screen of oscilloscope

200764

USSR/Engineering - Welding, Proc- Nov 51
esses (Contd)

cathode-ray tube. Deviations of electron beam were proportional to instantaneous values of current and voltage and directed along 2 mutually perpendicular axes. Method permits observation of dynamic characteristics during welding process.

200764

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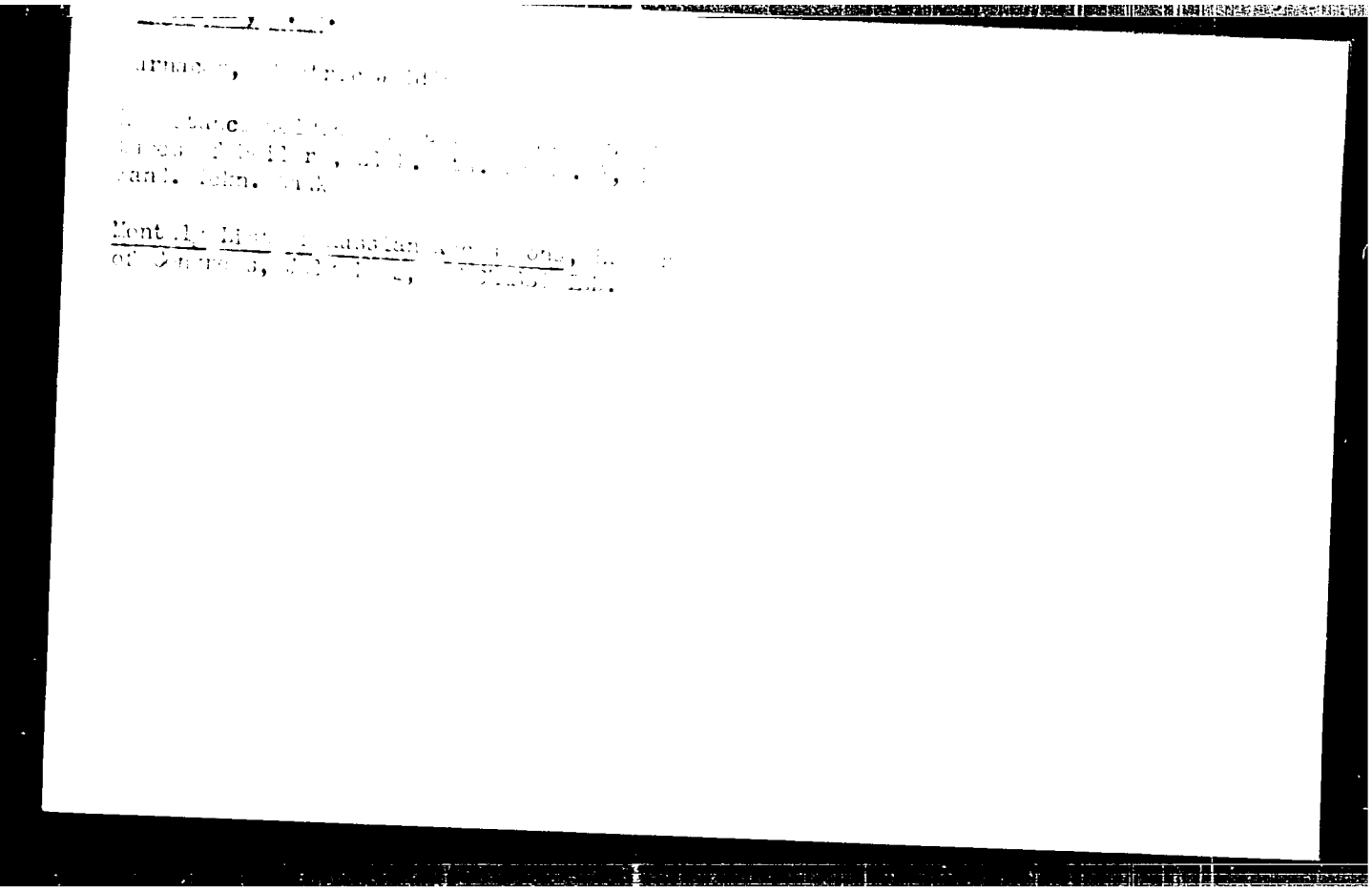

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"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001238

OSTAPENKO, N.G.

Remarks on G.M.Kasprzhak's article "On some shortcomings of the rules concerning the arrangement of electric apparatus for electric welding." Avtom.svar. 6 no.6:78-81 N-D '53. (MIRA 8:4)

1. Institut elektrosvarki im. Ye.O.Patona Akademii nauk URSR.
(Electric welding)

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"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001238

OSTAPENKO, N. G.

OSTAPENKO, N.G.; PRIKHOD'KO, P.M.

Butt welding of fins to wall tubes of steam boilers. Avtom.svar. 7 no.1:37-43 Ja-F '54. (MLRA 7:7)

1. Institut elektrosvarki im. Ye.O.Patona Akademii nauk USSR.
(Electric welding) (Furnaces)

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001238

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001238

OSTAPENKO, N.G.

PATON, B.Ye.; GORBUNOV, G.V.; LEBEDEV, V.K.; OSTAPENKO, N.G.; LITVINCHUK, M.D.

Resistance welding of main pipelines. Avtom.svar. 10 no.6:19-27 N-D '57. (MIRA 11:1)

1.Ordena Trudovogo Krasnogo Znameni Institut elektrosvarki im. Ye.O. Patona AN USSR.

(Electric welding) (Pipelines--Welding)

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PATON, B.Ye., akademik; GORBUNOV, G.V., inzh.; LEBEDEV, V.K., kand. tekhn. nauk; OSTAPENKO, N.G., kand. tekhn. nauk; LITVINCHUK, M.D., inzh.

Resistance welding of main trunk pipelines. Svar. proizv. no.2:1-5 F '59. (MIRA 12:1)

1. Institut elektrosvarki imeni Ye.O. Patona AN USSR.
(Pipelines--Welding) (Electric welding)

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"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001238

OSTAPENKO, N.N., KIRILLOV, N.P.

[Study of materials (for metal workers). Textbook for trade schools] Materialovedenie (dlia metallistov). Uchebnik dlia remesl. uchilishch. Moskva, Trudreservizdat, 1953. 255 p. (MLRA 7:11D)

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001238

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OSTAPENKO, N. N.

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"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001238

OSTAPENKO, Nikolay Nikolayevich; KIRILLOV, Nikolay Pavlovich; KUNYAVSKIY, M.N., nauchnyy redaktor; OSTROV, N.S., tekhnicheskiy redaktor

[Knowledge of materials; for metal workers] Materialovedenie; dlia metallistov. Izd. 2-e, ispr. i dop. Moskva, Vses. uchebno-pedagog. izd-vo Trudrezervizdat, 1956. 270 p. (MIRA 9:7)
(Metals)

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001238

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001238

MAKIYENKO, Nikolay Ivanovich; KROLIK, Z.M.; OSTAPENKO, N.N.; PESHKOV, Ye.O.; RYABOV, N.F.; YUDIN, S.T.; DUBROVSKIY, V.A., redaktor; FEDOTOVA, A.F., tekhnicheskiy redaktor

[Machine-shop practice and fundamental knowledge of materials] Slesarnoe delo s osnovami materialovedeniia. Izd. 2-oe. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 414 p. (MLRA 9:10)
(Machine-shop practice)
(Agricultural machinery--Repairing)

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PHASE I BOOK EXPLOITATION 1202

Afanas'yev, Yakov Vasil'yevich; Zakharchenko, Zoya Ivanovna; Ostapenko, Nikolay Nikolayevich

Metodicheskoye posobiye po obshchey tekhnologii metallov (Manual of Methodology for the [teaching of] General Technology of Metals) Moscow, Trudrezervizdat, 1958. 209 p. 10,000 copies printed.

Ed.: Bilinskiy, M. Ya.; Tech. Ed.: Sushkevich, V. I.

PURPOSE: This book is intended for teachers giving a course of instruction in the technology of metals.

COVERAGE: The book systematically outlines material to be covered. The suggested manner of presentation is intended only as a guide, the instructor being encouraged to make changes wherever they seem desirable. Topics covered include: properties of metals, production of iron and steel, heat treatment, nonferrous metals, nonmetallic materials, casting, forming, welding, soldering, machining, and bench work. No personalities are mentioned. There are 22 references, all Soviet.

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Manual of Methodology (Cont.)

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"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001238

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Manual of Methodology (Cont..)

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"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001238

Manual of Methodology [illegible]

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"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001238

Manual of Methodology (Cont.)

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Manual of Methodology (Cont.)

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APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001238

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001238

SEMKOV, Angel, prepodavatel'; CHOKOYEV, Zhivko, prepodavatel'; OSTAPENKO, N.N., red.; PASTUKHOV, V.M., red.; KOVAL'ZON, F.P., red.; DOROSHOVA, L.A., tekhn.red.

[Training workers in machining metals in industrial schools] Podgotovka rabochikh po metalloobrabotke v promyshlennykh uchilishchakh. Moskva, Vses.uchebno-pedagog.izd-vo Proftekhizdat, 1960. 44 p. (MIRA 13:11)

1. Promyshlennoye uchilishche po metalloobrabotke goroda Ruse Bolgarskoy Narodnoy Respubliki (for Semkov, Chokoyev).
(Machine shop practice--Study and teaching)

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001238

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001238

OSTAPENKO, Nikolay Nikolayevich; KIRILLOV, Nikolay Pavlovich; DANILEVSKIY, Vladimir Viktorovich; RABYZKL'MAN, R.D., nauchnyy red.; GURIN, A.V., red.; KLIMOVICH, Yu.G., red.; PERLOV, M.N., tekhn.red.

[General technology of metals] Obshchaia tekhnologiia metallov. Izd.3., ispr. i dop. Moskva, Vses.uchebno-pedagog.izd-vo Proftekhizdat, 1960. 367 p. (MIRA 14:2)
(Metals) (Metalwork)

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001238

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001238

ACCESSION NR: AT4037709 S/2865/64/003/000/0396/0400

AUTHOR: Grishayenkov, B. G.; Zablotskiy, L. L.; Ostapenko, O. F.; Semenov, Yu. M.; Fomin, A. G.

TITLE: Methods of obtaining oxygen by electrolysis of water under weightless conditions

SOURCE: AN SSSR. Otdeleniye biologicheskikh nauk. Problemy* kosmicheskoy biologii, v. 3, 1964, 396-400

TOPIC TAGS: electrolysis, space flight, weightlessness, water, oxygen, air regeneration, life support, closed ecological system, manned space flight

ABSTRACT: For space flights of more than one month duration, it seems promising to develop systems of air regeneration in the space vehicle cabin based on re-utilization of human body wastes. This would minimize the amount of material to be stored aboard the ship. Electrolysis of the water formed by vital activity would be utilized as a source of oxygen for such a system. Electrolysis under weightless conditions requires the removal of the gases(oxygen and hydrogen) formed and the maintenance of continuous contact between the electrodes and the

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"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001238

ACCESSION NR: AT4037709

bulk of the electrolyte. This can be accomplished with the aid of centrifugal devices, or by using electrodes, diaphragms, and electrolytes with special chemical and physical properties. The latter method requires equipment which promises to be more economical, portable, simple, and reliable. The electrolysis of water may very soon become the basic method of supplying oxygen for manned space flights.

ASSOCIATION: none

SUBMITTED: 00 ENCL: 00 SUB CODE: PH, LS

NO REF SOV: 002 OTHER: 009

Card 2/2

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001238

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001238

OSTAPENKO, O.G., tekhn.-mekhan.

Restoring springs of caterpillar tractors. Mekh. sil'. hosp. [8] no.12:18 D '57. (MIRA 10:12)

1. Barashivs'ka mashinno-traktorna stantsiya, Zhitomirskoi oblasti.
(Caterpillar tractors--Springs)

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001238

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001238

OSTAPENKO, O.I., planovik-ekonomist

We are reducing the cost of tractor operations. Mekh. sil'. kosp. 13 no.7:22-23 Jl '62. (MIRA 17:3)

1. Kolkhoz im. Il'icha, Gorokhovskogo rayona, Volinskoy oblasti.

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"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001238

OSTAPENKO, P.T.

Branch conference of soda industry workers. Khim.prom. no.7: 543-544 Jl '62. (MIRA 15:9)
(Soda industry—Congresses)

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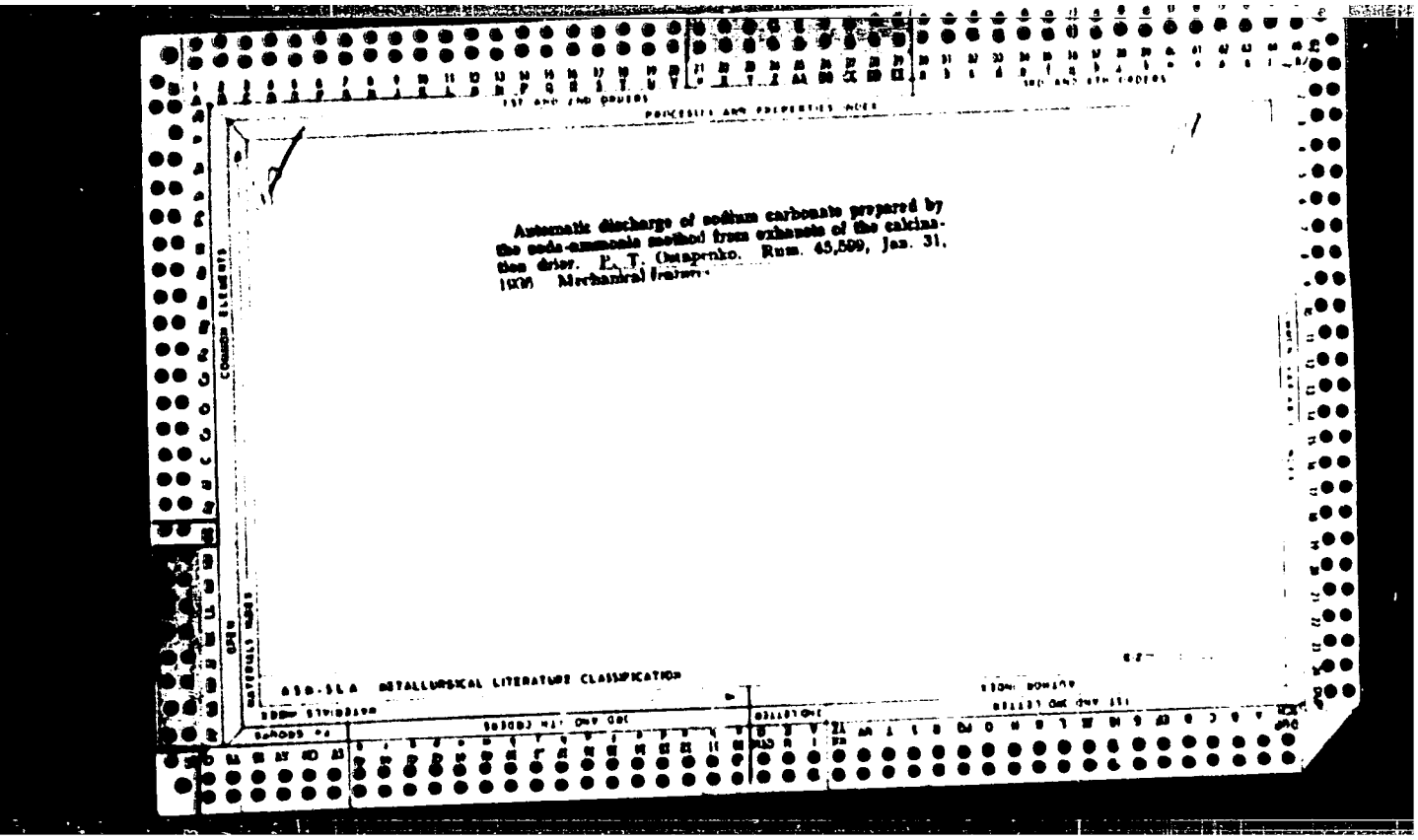
"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001238



APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001238

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00123

PROCESSES AND PROPERTIES INDEX

Automatic discharge of sodium carbonate prepared by the soda-ammonia method from exhausts of the calcination drier. P. T. Omelchenko. Russ. 43,500, Jan. 31, 1935. Mechanical features

A S D - S L A METALLURGICAL LITERATURE CLASSIFICATION

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00123

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001238

BEDILO, V.Ye.; KALINCHUK, I.G.; LISHBERGOV, V.D.; NIKOLAYEV, G.P.; TSOY, D.; SHCHUKINA, G.F. Prinimali uchastiye: KOLESNIKOV, V.F.; OSTAPENKO, P.V.; SEDOVA, M.P.; TKACHEV, M.V. DUGIN, Ye.V., otv.red.; RABINKOVA, L.K., red.izd-va; KOROVENKOVA, Z.A., tekhn.red.; SABITOV, A., tekhn.red.

[Types of mine cross section] Tipovye secheniia gornykh vyrabotok. Moskva, Gos.nauchno-tekhn.izd-vo lit-ry po gornomu delu. Vol.6. [Cross section of mines lined with steel arches and anchor bolting for 1-, 2- and 3-ton railroad cars] Secheniia vyrabotok, zakreplennykh stal'noi arochnoi i shtangovoi krep'iu, dlia 1-, 2- i 3-tonnykh vagonetok. 1960. 503 p. (MIRA 13:12)

1. Khar'kov. Gosudarstvennyy proyektnyy institut Yuzhgiproshakht. (Mine timbering)

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"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001238

L 62887-65

ACCESSION NR: AP5019112 UR/0286/65/000/012/0140/0140

AUTHORS: Sharkov, A. M.; Balinskiy, S. I.; Ostapenko, P. V.; Gladkiy, E. P.
44 44 44 44

TITLE: A rotary pit excavator. Class 84, No. 172244

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 12, 1965, 140

TOPIC TAGS: earth handling equipment, ditching, excavating machine
44

ABSTRACT: This Author Certificate presents a rotary pit excavator containing a rotary working unit, a boom, and a receiving belt conveyor (see Fig. 1 on the Enclosure). To increase its productivity, diminish its energy consumption, provide a large angle of cut, and to distribute the loads symmetrically on the boom, the rotary working unit is made up of two conical rotors carrying convex lug-mounted cutters with armored teeth. The teeth are attached to one another with rings and are fixed to hubs rigidly connected to the protruding rollers of the rotor drive reducer. The drive is mounted between the rotors on a bearing beam attached to the

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Orig. art. has: 1 diagram.

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L 62687-65

ACCESSION NR: AP5019112

ASSOCIATION: none

SUBMITTED: 13Mar64 ENCL: 01 SUB CODE: IE

NO REF SOV: 000 OTHER: 000

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"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001238

L 62687-65

ACCESSION NR: AP5019112 ENCLOSURE: 01

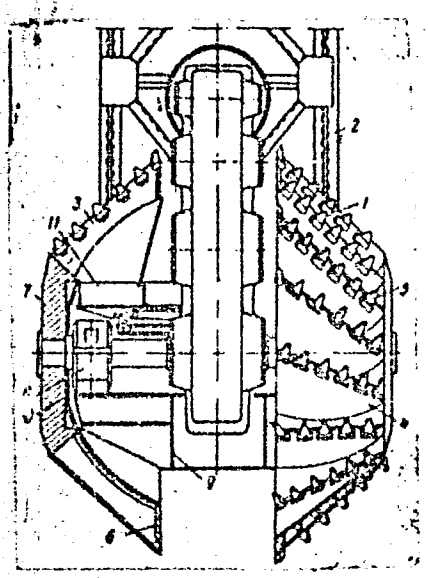

Fig. 1. 1- rotary working unit; 2- boom; 3- conical rotors; 4- lug-mounted convex cutter; 5- armored teeth; 6- ring; 7- hub; 8- protruding roller of the anchor drive reducer; 9- bearing beam; 10- spherical shell; 11- ring feeder with a drive mechanism

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KARMAZIN, V.I., kand. tekhn. nauk; OSTAPENKO, P.Ye., tekhnik.

Production of high-grade magnetite concentrates. Gor. zhur. no.11: 78-80 N '57. (MIRA 10:12)

(Magnetite) (Ore dressing)

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"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001238

127-11-12/12

AUTHORS: Karmazin, V.I., Candidate of Technical Sciences and Ostapenko, P.Ye., Technician

TITLE: Experience in Obtaining High-Quality Magnetite Concentrates (Opyt polucheniya vysokosortnykh magnetitovykh kontsentratov)

PERIODICAL: Gornyy Zhurnal, 1957, # 11, pp 78-80 (USSR)

ABSTRACT: The "Mekhanobrchermet" Institute has assembled an experimental installation in a laboratory for a two-stage concentration of magnetite quartzites. The installation operates continuously and represents a miniature concentration plant with a capacity of 100 kg of the initial ore per hour. The obtained concentrate contained 68.5% of iron, and the extraction amounted to 81.2%. The iron content in the tails was 10.9%. Further experiments were carried out under industrial conditions in the concentration plant of the "KMAruda" (Kursk Magnetic Anomaly Ore) combine in 1956. After a four-fold scouring the concentrate was obtained which contained 66.2% of iron without an increase of iron content in the tails.
The article contains 2 diagrams and 2 tables. One Slavic reference is cited.

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KOSTYUK, M.I.; GREBNEV, S.K.; AKSENOV, A.A.; OSTAPENKO, P.YE.; SIMACHEVA, M.A.

Improving the granular composition of sintered Krivoy Rog ores. Stal' 17 no.2:114-118 F '57. (MLRA 10:3)

1. Drobil'no-sortirovochnaya fabrika shakhty "Pobeda" i Nauchno-issledovatel'skiy gornorudnyy institut.
(Krivoy Rog--Sintering)

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"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001238

SOROKIN, V.A., doktor tekhn.nauk; KARNAZIN, V.I., doktor tekhn.nauk; KATSEN, L.G., kand.tekhn.nauk; IVANOV, A.I., inzh.; OSTAPENKO, P.Ye., inzh.

Magnetized roasting of Krivoy Rog quartzites in a fluidized bed. Stal' 20 no. 12:1057-1060 D '60. (MIRA 13:12)

1. Mekhanobrchermet.
(Kriovy Rog--Quartzite) (Fluidization)

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"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001238

KARMAZIN, V.I., doktor tekhn.nauk; OSTAPENKO, P.Ye., gornyy inzhener

Obtaining high-grade concentrates from low-grade iron ores. Gor. zhur. no.5:62-67 My '61. (MIRA 14:6)

1. Mekhanobrchermet, Krivoy Rog.
(Ore dressing) (Iron ores)

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"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001238

OSTAPENKO, Pavel Yefimovich; SOKOLOV, V.G., otv. red.; KACHALKINA, Z.I., red.izd-va; OVSEYENKO, V.G., tekhn. red.; BOLDYREVA, Z.A., tekhn. red.

[Sampler for the ore dressing plant]Otborshchik prob na obogatitel'noi fabrike. Moskva, Gosgortekhizdat, 1962. 86 p. (MIRA 15:8)

(Ore dressing--Equipment and supplies)

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001238

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001238

MARGULIS, V.S.; SHUPOV, L.P.; OSTAPENKO, P.Ye.

Outlook for using counterflow jet-type mills in the mining industry. Gor. zhur. no.9:66-68 S '62. (MIRA 15:9)

1. Institut Mekhanobrchermet, Krivoy Rog.
(Milling machinery)

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"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001238

OSTAPENKO, P. Ye., gornyy inzh.

Efficient flowsheets of magnetic quartzite milling. Gor. zhur. no.10:65-68 O '62. (MIRA 15:10)

1. Institut Mekhanobrchermet, Krivoy Rog.

(Krivoy Rog Basin—Iron ores)
(Ore dressing)

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"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001238

SHINKORENKO, Stanislav Fedorovich; MARGULIS, Vladimir Solomonovich; NIKOLAYENKO, Viktor Pavlovich; KHARLAMOV, Vadim Sergeyevich; DROZHILOV, Lev Aleksandrovich; GUBIN, Georgiy Viktorovich; OSTAPENKO, Pavel Yefimovich; KARANZI', V.I., prof., doktor tekhn. nauk, retsenzent; RYKOV, N.A., otv. red.

[Handbook on the dressing and sintering of ferrous metal ores] Spravochnik po obogashcheniiu i aglomeratsii rud Chernykh metallov. [By] S.F.Shinkorenko i dr. Moskva, Nedra, 1964. 571 p. (MIRA 18:2)

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001238

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001238

OSTAPENKO, Pavel Yefimovich; [illegible], Vasiliy Markovich; [illegible] V.S.; [illegible], S.F.; [illegible], L.I.; [illegible], A.M.; KOSOY, G.M.; LIBERFORT, Yu.I.; GEDZI, N.M.; [illegible], V.V.; BELONOZHKO, I.F.; GUBIN, G.V.; KHERSONSKIY, L.N.; [illegible] V.G.; PODKOSOV, L.G., otv. red.

[New developments in the dressing of ferrous metal ores] Novoe v obogashchenii rud chernykh metallov. [By] P.E. Ostapenko i dr. Moskva, Nedra, 1966. 160 p. (MIA 19:1)

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001238

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001238

OSTAPENKO, S.

Experimental construction of an industrial building. Prom. stroi.i inzh.soor. 4 no.2:1-4 Mr-Ap '62. (MIRA 15:11)

1. Starshiy inzhener tekhnicheskogo otdela tresta No.86 v Khar'kove. (Kharkov—Precast concrete construction) (Industrial buildings)

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OSTAPENKO, T.P.

Branch conference of workers of the soda industry. Khim. prom. no.7:451-452 O-N '58. (MIRA 11:12)
(Soda industry)

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001238

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001238

0,5(1)
AUTHOR: Ostapenko, T. P.

SOV/64-58-7-18/18

TITLE: Conference of the Workers in the Soda Industry (Otraslevoye soveshchaniye rabotnikov sodovoy promyshlennosti)

PERIODICAL: Khimicheskaya promyshlennost', 1958, Nr 7, pp 451-452 (USSR)

ABSTRACT: At the end of August 1958 the conference mentioned in the title was held on the occasion of the 75th anniversary of the Bereznikovskiy sodovyy zavod (Berezniki Soda Factory). The conference was called by the Gosudarstvennyy Komitet Soveta Ministrov SSSR (State Committee of the Council of Ministers of the USSR), the Vsesoyuznoye Khimicheskoye obshchestvo imeni D. I. Mendeleyeva (All-Union Chemical Society imeni D. I. Mendeleyev) and the Sovet narodnogo khozyaystva Permskogo ekonomicheskogo administrativnogo rayona (Council of National Economy of the Perm' Economic Administrative District). 200 people took part in it and 35 lectures were held. In the explanation of the utilization technology in the various enterprises it is mentioned that the Sterlitamak factory completely uses up the carbonate raw material by working the finer fractions on cement. The participants in the conference criticized the deficiencies in the development of the soda industry and

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mentioned that in the absence of a test base at the VIOKhV the automation is hampered. The following requirements were established: 1.-The building up of new soda factories. 2.-Acceleration of the raw material production. 3.-Better utilization of the waste products in the soda industry. 4.-Better detoxication of the waste water. 5.-An increase of the output. 6.-Perfection of the technological process and the apparatuses used. 7.-The completion of automation. 8.-A better mechanization of transportation within the enterprise. 9.-Extension of the research and experimental work. 10.-Improvement of the working conditions. 11.-Promotion of the training of the scientific cadres. 12.-Improvement of the exchange of experience and information exchange. All workers were asked to give their maximum contribution to the fulfilment of the tasks set by the XX Congress and the May plenary meeting of the TsK KPSS.

USCOMM-DC-60906

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O[illegible]TA[illegible]N[illegible], I. [illegible].,
I. G. M[illegible]LN[illegible]N[illegible], (Stek. Ker[illegible]m., [illegible], No. 9, [illegible], 1951)

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00123[illegible]

OSTAP[illegible]NKO, [illegible].,

L. [illegible]. [illegible], Steklo i Keram. [illegible] ([illegible]) [illegible] (1[illegible]51)

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00123[illegible]

"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001238

BABUSHKIN, Vul'f Davydovich; PROKHOROV, Sergey Petrovich; [illegible], Feliks Ionovich; FREDKO, Aleksandr Georgiyevich. Prinimal uchastiye OSTAPENKO, T.V.

[Methods of calculating the general inrush of water into coal mines] Metody rascheta obshchego pritoka vody v shakhty ugol'nykh mestorozhdenii. [By] V.D.Babushkin i dr. Moskva, Izd-vo "Nedra," 1964. 122 p. (MIRA 17:6)

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OSTAPENKO, V., dotsent.

Chalk blocks for farm buildings. Stroi .mat.izdel. i konstr. 1 no.9: 21 S'55. (MLRA 9:1)

1. Voronezhskiy inzhenerno-stroitel'nyy institut.

(Building blocks)

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OSTASHCHENKO, V. (Reviewer)

"Abortion, caused by the anthrax bacilli" ("Zachthygiene, Foct pflanzungsstorungen und Besamung der Haustiere," 1960, no. 3), written by K. Lenert (Institute of Veterinary Microbiology and Epizootiology at the University imeni Karl Marx, in Leipzig) Veterinariya, vol. 39, no. 6, June 1962 p. 84

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OSTAPENKO, V., dotsent (Voronezh)

The use of Chernozem soils in brick manufacture. Stroi. mat., izdel. i konstr. 2 no.8:23 Ag '56. (MLRA 9:10)

(Chernozem soils) (Brickmaking)

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OSTAPENKO, V.A., inzh.

Preventing leakage of electric current. Bezop. truda v prom. 2 no.2: 12-14 F '58. (MIRA 11:2)

1. Glavnyy mekhanik tresta Makeyevugol'.
(Electric wiring--Safety measures)

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OSTAPENKO, V.A., inzh.

Preventing leakage of current in high-voltage ne works in mines.
Bezop.truda v prom. 2 no.9:3-6 S '58. (MIRA 11:9)
(Electricity in mining--Safety measures)

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"APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001238

OSTAPENKO, V. A., Cand Tech Sci (diss) -- "Protection against leakage in [illegible] voltage mine electric power networks". Stalino, 1959. 23 pp (Min Higher and Inter Spec Educ Ukr SSR, Donets Order of Labor Red Banner Industrial Inst'), [illegible] copies (KL, No 10, 1960, 132)

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OSTAPENKO, V.A., inzh.

Equipment for testing flexible cables. Bezop.truda v prom. 3 no.4:21-24 Ap '59. (MIRA 12:6)

1. Trest Makeyevugol'.
(Cables--Testing)

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YEFIMENKO, G.G., kand.tekhn.nauk; GINZEL'FARB, A.A., knad.tekhn.nauk; Prinimali uchastiye: POLTAVETS, V.V., inzh.; GRISHKO, V.A., inzh.; NEMCHENKO, S.Z., inzh.; OSTAPENKO, V.A., tekhnik; POBUDINSKIY, L.I., tekhnik; KATSMAN, V.Kh., tekhnik; KARMAZIN, A.G., tekhnik

Regulating blast furnace operations by fluctuations of fas pressure and the distribution of materials in the hearth bottom. Stal' 22 no.10:876-880 O'62. (MIRA 15:10)

(Blast furnaces)

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OSTAPENKO, [illegible]

Differentiation [illegible] from the [illegible] analog computer. [illegible]

Characteristics of the [illegible] of bits into rocks by vibration impact, and their criteria of similarity. [illegible] (MIA 10:9)

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OSTAPENKO, V.A.; kand.tekhn.nauk; MELENT'YEV, V.V., inzh.

Automatic water feeding of steam boilers. Mekh.i avtom.proizv. 17 no.7:4-6 Jl '63. (MIRA 16:8)
(Boilers) (Automatic control)

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MELENT'YEV, V.V., inzh.; OSTAPENKO, V.A., kand.tekhn.nauk

Electromagnetic valve. Mekh. i avtom.proizv. 17 no.10:31 O '63.
(MIRA 17.)

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