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Mr. R. D. Bradford
NEW YORK OFFICE

PLAINTIFF'S EXHIBIT

CAP-246

RECENT PUBLICATIONS ON ASBESTOS

152. Kennecott Copper Corp. Annual meeting of stockholders, summary report, May 5, 1959. "In reply to a question about Kennecott's plans for developing its new asbestos property in Greece, the statement was made that at present the company is considering whether to develop the property alone or with the help of a partner, and that a decision is expected soon. James Boyd, Vice President (Exploration) estimated that it would take something less than two years to get into production." (this paragraph copied in its entirety)
153. Mining World 21, #4, 19 (April 1959)
"Two major United States copper firms, Phelps Dodge Corporation and Kennecott Copper Corporation, are busy staking claims on northern British Columbia discoveries. PD is staking asbestos on Telegraph Creek and Kennecott molybdenite southwest of Dease Lake." (this item is copied here in its entirety)
154. Business Periodicals Index 1, #16, 8 (May 1959)
anon
Asbestolux offers work ability, durability as material for fabricating ductwork
Air Conditioning, Heating & Refrigerating News 86, 68 (Jan. 26, 1959)
155. Chem. Abst. 53, 9610h (May 25, 1959)
Stamboliev, Hristo
Corrosion of asbestos-concrete products in mineral water.
Zastita materijala 5, 428-32 (1957)
"In studies on the corrosion of asbestos-concrete pipes in sulfate waters it was found that under some conditions, e.g. samples dipped in 5% Na₂SO₄ and stored at 70° for 3 months, a protective layer is formed. The protective layer is composed of CaCO₃, Mg(OH)₂, and silica gel." (complete abstract)

156. Monthly Index of Russian Accessions 12, 422
(May 1959)
Vashchenko, I. I.
Using asbestos waste in preparing
asphalt-concrete mixes
Avtomobil'nye Dorogi (Highways) 22, #1 (195),
16-17 (Jan. 1959)
157. Monthly Index of Russian Accessions 12, 428
(May 1959)
Taranenko, I.T. & Shchtenin, V.K.
Effect of components on properties of
asbestos friction materials
Moscow. Vsesoyuz. nauch.-Issledovatel. Inst.
Zheleznodorozhnogo Transporta (All-Union Sci.
Research Inst. of Railroad Transportation)
#163, 61-65 (1958)
158. Asbestos 40, #12 (June 1959)
Contents:
Cape Asbestos Company Limited, London,
England, a world wide organization
New trends in the asbestos cement industry
Profile--A.R. Fisher, Johns-Manville Corp.
Over 50 years of asbestos mining in
Finland
Building
Automobile sales
Market conditions
Production statistics
Imports and exports
Asbestos stock quotations
News of the industry
Current range of price
159. Ceram. Abst. 169j (June 1959)
Pharo, Merritt C. (to Johnson's Co., Ltd.)
Asbestos fiber recovery from tailings
U.S. 2,874,838 (Feb. 24, 1959)
160. Chem. Abst. 53, 9920h (June 10, 1959)
Artemov, V.R.
Perspectives of the chrysotile-asbestos
occurrences on the eastern slope of the
Southern Ural
Sovet. Geol. 1958, No. 10, 100-16
"...These deposits are more of scientific
than of economic interest, the asbestos
being restricted to thin veinlets and
seams rarely more than 8-10 mm. in width.
Only in Naslednitsk, Uspensk, and Akkarginsk
useful asbestos mining may be hopeful..."

161. Chem. Abst. 53, 10610g (June 10, 1959)
Bobyleva, A.T. et al
Amount of dust in the residential sections of the city Asbest and its effect on the children's health
Gigiena i Sanit. 23, No. 11, 9-12 (1958)
"At 1-1.5 km. from the asbestos factories the av. dust content in the atm. was 11.4-18.9 mg./cu. m. Of this, 45.4-52.4% is below 1 u in diam., 32.4-9.3% is 1-5 u. Comparison of the health of children ages 7-14 years living in a dusty part of town with that of those living in less dusty shows that they have a lesser lung vol. and an increased incidence of respiratory diseases."
(complete abstract)
162. Chem. Abst. 53, 10851h (June 10, 1959)
Siemens-Schuckertwerke Akt.-Ges. (Robert Schwarz and Wilhelm Kuchen, inventors)
Adhesives especially for mica, asbestos, and glass fibers.
Ger. 951,159 (Oct. 25, 1956 (Cl. 221, 2)
"Hydroxycarboxylic acids, the OH groups of which are adjacent to the COOH groups, or their esters are treated with SiCl_4 in a chlorinated hydrocarbon solvent to give a polycondensate which is used as a heat-resistant adhesive. Fillers can be added. Thus, 52 g. Me salicylate was treated with 100 ml. CHCl_3 and 19 ml. SiCl_4 , heated at 60° for 2 hrs., evapd., heated in vacuo at 220° , and allowed to cool to give an amberlike mass. The resin was dissolved in boiling chlorinated hydrocarbons and the soln. was used as an adhesive. Curing is carried out by heating the bonded parts."
(complete abstract)
163. Chem. Eng. News 37, #24, 56 (June 15, 1959)
"Astrodyne Corp., McGregor, Tex., has developed a new solid fuel rocket motor insulation for the Navy Bureau of Ordnance. The rubber and asbestos combination is expected to extend the burning time of present high performance solid fuel rocket motors to three or four times the present burning periods of one minute or less, says the Navy Department. The insulation is a butadiene copolymer (butadiene/methyl vinyl pyridine) combined with asbestos powder (Johns-Manville 7TF-1) in various proportions depending upon the application...."

164. Eng. Mining J. 160, #6, 398 (June 1959)
"The Mashaba Rhodesian Asbestos Co. Ltd.
has exercised options on the D.S.O. and Rosey
Cross asbestos mines in the Victoria mining
district of Southern Rhodesia."
(this item is copied here in its entirety)
165. Nebesky, W.
Packings...construction and materials.
Part 10 (in German)
Gummi u. Asbest 12, 397-398 (June 1959)
166. anon
Asbestos, TFE resin resist liquid oxygen
Materials in Design Eng. 49, #6, 128, 130 (June 1959)
Short note about impact tests performed by
D. E. Clippinger and G.J. Morris of Martin Co.
to test resistance to explosion.
167. U.S. Bureau of Mines
Industrial minerals: asbestos
Mineral Trade Notes 48, #6, 23-24 (June 1959)
Asbestos production and trade in Yugoslavia
1955-1957.
168. Mining World 21, #7, 89 (June 1959)
"Crocidolite production by Australian Asbestos
at Wittenoom Gorge is steadily increasing and
is now at a rate of 13,000 tons per year. This
deposit is capable of larger output but markets
still are the governing factor. Asbestos ex-
ports from Australia (practically all from
Wittenoom) are nearly 1,000 tons per month.
On the other hand, imports of all types continue
to increase and approximate 30,000 tons per year."
(this item is copied here in its entirety)
169. Mack, K.A.
How Ford automates polyester premixing
Mod. Plastics 36, #10, 128, 206-207 (June 1959)
Fillers and resin are measured and mixed by an
automatic machine called a Ko-Kneader made
by the Chemical Machinery Division of Baker-
Perkins, Inc., Saginaw, Michigan.

170. Van Rysselberge, J. F.
Hyperbolic towers deserve study
Power Eng. 63, #6, 96-97 (June 1959)
Natural draft concrete cooling towers with
asbestos cement packing are discussed.

H. McBride

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