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American Smelting and Refining Company

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118. Chamberlain, Merle D. (to Koppers Co., Inc.)
Sandwich roofing element
U.S. 3,111,787 (Nov. 26, 1963)
A foam core is laminated between sheets of plywood or asbestos cement. The top is then covered by tar-saturated asbestos roofing felt.
119. Callaghan, Albert E. (to Birfield Engineering, Ltd.)
Feed apparatus for opening machines for fibrous materials
U.S. 3,127,638 (Apr. 7, 1964)
The feed rolls are fastened by springs so that they can spread apart to adjust to the thickness of the materials being treated.
120. Carroll-Porczynski, C. Z.
Pitch fibre pipes
Asbestos Bull. 5, #2, 35-39 (Mar.-Apr. 1964)
A review of the history, uses, and manufacturing methods is presented, including a plant layout. The information is based in part on publications of the Pitch Fibre Pipe Association (England).
121. Berger, Hans
Strength of asbestos fibers
Gummi Asbest Kunststoffe 17, #3, 258, 260, 262, 264, 266, 268 (Mar. 1964)
A survey of work done on the tensile strength of asbestos and reasons for the wide variations in reported values. 21 refs.
122. Gummi Asbest Kunststoffe 17; #3, 327 (Mar. 1964)
Neels, H.
Fiber crystals (synthetic)
Silikattech. 14, #7, 209 (1963)

Monthly Index of Russian Accessions 16, #12, 3723
(Mar. 1964)

The following articles are all from Trudy
NIIAsbest. Prom. (Trans. Sci. Research
Inst. Asbestos Ind.) #2 (1962)

- 123. p. 3-29: Belov, M. A.
Efficiency and methods of averaging the
quality of asbestos ores
- 124. p. 30-69: Sofronov, F. P.
Studying the establishments of norms of
developed reserves for the open pit mining
of Bazhenovo asbestos deposits
- 125. p. 70-98: Kravtsov, A. Z.
Investigating the degree of laboriousness
in conducting mining operations at the
"Soyuzaz-best" Trust mines
- 126. p. 99-109: Muller, E. K., et al
New machines for the treatment of asbestos
- 127. p. 110-116: Vakhnev, S. G., et al
Metal detector for the control of asbestos
ores
- 128. p. 117-126: Pogadaeva, T. M. et al
Developing and testing automatic control
apparatuses for determining moisture in
asbestos ores after drying
- 129. p. 127-132: Bakhtin, V. E., & Panaev, V. N.
Mechanization and automatic control of the
assaying of ores and tailings in asbestos
ore dressing plants
- 130. Monthly Index of Russian Accessions 16, #12, 3778
(Mar. 1964)
Novakov, E. I.
Photoelectric methods of continuous
control of concentrations of suspended
matter
Shor. trud. VNI Istommasha (Papers. All-
Union Sci. Research Inst. Machinery Bldg.
Mater. Ind.) #2, 81-120 (1960)

131. Milewski, John V. & Shine, James J.
Whiskers for reinforced plastics; initial research promises new properties dimensions
Reinforced Plastics (U.S.) 3, #2, 10-12 (Mar./Apr. 1964)
The use of asbestos at present suggests how other fibers, of metals or sapphire, can be used for reinforcement. The known properties of fibers are discussed.
132. anon
Asbestos armor for R-P pipe
Reinforced Plastics (U.S.) 3, #2, 16 (Mar./Apr. 1964)
An installation of "Bondstrand" pipe made of resin and glass filament wound on a resin-impregnated crocidolite asbestos base. It was produced by Amercoat Corp. and installed at Stauffer Chemical Co.'s plant at Compton, Calif.
133. Fefer, M. et al
High temperature-resistant caulk
Adhesives Age 7, #4, 34-35 (Apr. 1964)
The caulk is composed of asbestos and Enjay butyl latex 80-21 plus small quantities of talc and sodium silicate. It was used on a pipe system conveying coal dust to a power plant furnace.
134. Sinclair, W. E.
Operational efficiency as a cost counter
Asbestos 45, #10, 2, 4, 6, 8, 10 (Apr. 1964)
135. Chem. Abst. 60, 9005d (Apr. 13, 1964)
Eckenfelder, W. W. & Barnhart, E. L.
Performance of a high rate trickling filter using selected media
J. Water Pollution Control Fed. 35, 1535-1550 (1963)
136. Chem. Abst. 60, 9816e (April 13, 1964)
Davis, J. M. G.
Electron microscopy study of the effect of asbestos dust on the lung
Brit. J. Exptl. Pathol. 44, 454-464 (1963)
137. anon
Asbestos Corp. acquires two mining companies
Eng. Mining J. 165, #4, 138, 142 (Apr. 1964)
Asbestos Corp. of Thetford Mines, Quebec, has purchased Johnson's Co. Ltd., also of Thetford Mines, and Murray Mining Corp. Ltd., owners of the Asbestos Hill orebody in northern Ungava.

138. anon
Development of Pangani asbestos mine is under way
Eng. Mining J. 165, #4, 174, 176 (Apr. 1964)
Overburden is being removed from the Pangani open pit mine of Asbestos Investments (Pty.) Ltd. of Johannesburg.
139. Mater. Research Stand. 4, #4, 150 (Apr. 1964)
"Asbestos-cement pipe with plastic resin linings is being specified for sanitary sewers where unusually acidic conditions exist. Specifications for this pipe, being presented to the Society (ASTM) by the Asbestos-Cement Products Committee (C-17), call for resistance without degradation to 45 days contact with a 5 per cent sulfuric acid solution."
140. anon
Some notes on Russian plastics
Metal Prog. 85, #4, 168, 170 (Apr. 1964)
This short digest of a report by Arthur B. Tesmen on a visit to the Moscow Institute of Chemical Machine Building contains information about the application of "Asbovinil" for lining equipment. Development work is being done on its use as an unsupported material in piping.
141. Mineral Trade Notes 58, #4, 5 (Apr. 1964)
"Vietnam's first asbestos cement roofing plant began operating in early 1964. Daily productive capacity, on a 3-shift basis, is 3,600 sheets. Sales prices reportedly were to be lower than those of imported sheets. A second and larger plant, being constructed by L'Union Commerciale Indochinoise et Africaine (L'UCIA) in collaboration with Eternit of France, is expected to begin production of sheets and pipes by May 1, 1964. Source: Foreign Service Despatch A-423, Jan. 16, 1964 - Saigon."
142. Oil, Paint & Drug Reptr. 185, #15, 38 (Apr. 13, 1964)
"Occidental Petroleum Corporation, Los Angeles, has sold in a private placement the 600,000 shares of Jefferson Lake Asbestos Corporation, formerly held by Jefferson Lake Sulphur Company, a wholly-owned subsidiary of Occidental. The terms and conditions of the sale were not disclosed. The shares sold represent approximately 76 percent of the outstanding stock of Jefferson Lake Asbestos Corporation."

4/29/64
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(Mrs.) Harriet McBride
Librarian