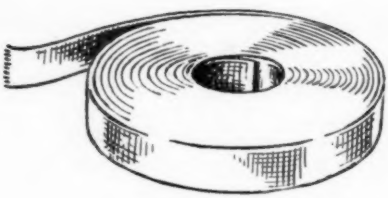
ASBESTOS

Vol. 5 OCTOBER 1923 No. 4



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PHILADELPHIA, - PENNSYLVANIA

Volume V | OCTOBER 1923 | Number 4

CONTENTS

	Page
Res Brakibus	5
Market Conditions	11
Asbestos Occurrences Near Kaapsche Hoop	12
Editorials:	
What Are the Prospects for Brake Lining Sales During 1924	14
Extent of Use of Asbestos in Certain Industries	16
Uses of Paper and Millboard	16
Notes From Russia	20
The Acoustile Treatment of Walls and Ceilings	22
Production Statistics	27
Quebec's Asbestos Shipments for Germany	30
Imports and Exports of Asbestos	33
News of the Industry	38

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ACL Doc 12096 · Page 5 of 53
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INTERIOR VIEW OF FACTORY OF ALLIED AMERICAN CORPORATION IN RUSSIA

The asbestos on the ground has to be crushed and then sifted. Note peculiar cart in which the fibre is hauled.

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Res Brakibus

By Channing E. Harwood

The Second of Mr. Harwood's Series on Brakes and Brake Lining

Having satisfactorily traced the anthology of brakes to the present time, (See July issue), let us now investigate the personal characteristics of the Jones, Smith and Brown types, so to speak. For in a general way *omnes brakis in tres partis divisae sunt*, (Ed. note; Scientific phrase), the internal expanding, the external contracting, and the propeller shaft or transmission brake. There are various other trade names for the foregoing, but these will serve well enough for our purpose.

The internal expanding brake is so-called because it is found on the inside of the brake drum and expands, so for once anyway a technical term seems to have justification. Imagine a letter "C" inside a captitol "O." Now if you take a capital "I" and just poke the top flatwise in the opening of "C" you will have the normal position of the



Fig. 1. Type Internal Expanding Brake

brake, "O" being the drum, "C" the brake, and "I" the actuating medium or "cam" as it is called. (Fig. 1). Let us turn the "I" and see what happens. The brake is pushed up to the inside of the drum and we find all the forces observed in the first chapter at work. You will note, however, that there is not an even bearing on the drum. In these days every inch of braking surface is needed. (Fig. 2). To overcome this tendency of the brake to touch in two spots the "C" is sometimes cut in half horizontally and the curve and placement of the two sections so designed that the cam will force the maximum of surface onto the drum. In this type shoes are used instead of a band.

There are several modifications of the internal expand-

The asbestos on the ground [illegible] Note peculiar cart in which the fibre is hauled.

Asbestos Magazine, 1923, October 1923 Published by AsbestosClaims.Law
ACL Doc 12096 · Page 7 of 53 asbestosclaims.law/library/12096/7

ing brake, but one more will suffice to give us at least a nodding acquaintance with Jones. With our original simile of letters, take a "Y" for an "I" and we have a toggle instead of a cam. Lay the "Y" horizontal, with the prongs resting on the ends of the opening of "C", and pinned to them loosely, the tail of the "Y" to the rear. (Fig.



Fig. 2
Internal Brake Expanded



Fig. 3
Internal Expanding Brake

3). If pressure is exerted forward it will be seen that "C" will expand as before. With proper arrangement of levers greater pressures can be obtained, and there is less chance of putting an eye out of commission.

And now it really seems an imposition to explain the external contracting type of brake. Possibly this whole discussion may be viewed in that light, but remember professors and technical experts were warned off at the start, and if they have followed us so far we fear it is for ulterior motives. For the rest (of us), if you have done your daily 10 and 2 as you should, all you have to do is walk to the south end of your car, and look. Nothing to remove—it is all in plain sight just west of the spokes. If you have the disk type wheel you may have to go a little farther south, but you can see it just the same. This is what you will find. The same letter "C" outside the "O". The arms of the "Y" are crossed and the tail toward the front (Fig. 4). When pressure is exerted on the foot pedal, the ends of the band are drawn together, the circle shortens, and the lining is brought to bear on the drum. Before the experts can seize their portables in hand I hasten to add that it really isn't a "Y", it is more like the Greek letter Psi with the bottom of the upright cut off, if you know what I mean by that. To indicate this a little more clearly we have, with a few deft strokes shown this type. Take our advice, ask Henri, your wife, or yourself where that instruction book is. There are so many variations to this general type that you should look for yourself until you clearly "C" (see) the "Y" (why). So much for Mr. Smith.

Asbestos Magazine, 1923, October 1923 Published by AsbestosClaims.Law
ACL Doc 12096 · Page 8 of 53 asbestosclaims.law/library/12096/8

Now meet Mr. Brown, alias transmission or *propeller* shaft brake. So called, we presume, because it is located on the main shaft that drives the *old boat*. It may be in the form of an externally contracting band, or, as in the case of heavy trucks, two shoes. The action is similar to that of the brakes found on railroad cars. The two shoes are shaped to the arc of the drum and being pivoted at the



Fig. 4. External Contracting Brake

center distribute the pressure equally over the bearing surface.

Many and violent are the discussions as to what is the best type of brake, its location, the proper leverage, etc. At present there is a strong tendency toward four wheel brakes. Opinions differ as to whether these should be operated by hydraulics, air, or simply levers. From a layman's point of view this is not so important as whether or not they are adequate, and if so, are they properly adjusted.

Did you ever stop to think that when you are rolling along at the modest speed of thirty miles per, you are storing up kinetic energy that must be overcome to bring your car to a stop, successfully or otherwise. For a car weighing one and one half tons this will amount to approximately 90,000 ft. lbs. In other words you have developed a force which will move a ton nearly half a mile. Even with properly adjusted brakes it will take you 95 to 100 feet to accomplish the stop. If you are interested to work this out for the exact weight of your car at various speeds turn to your physics book. If it is the same as ours you will find on page 152 that the kinetic energy is equal to .0334 times the weight times the square of the velocity, the result being in ft. lbs. It is written thus: K. E. — .0334 WV^2.

Now we fear the scientific man will step in and tell us a lot of things about the road resistance, wind, heat and what not, all of which we admit will affect the result, but that is

Asbestos Magazine, 1923, October 1923 Published by AsbestosClaims.Law
ACL Doc 12096 · Page 9 of 53 asbestosclaims.law/library/12096/9

not what we are driving at. We want to show you that speed is a base deceiver, a vampire if you will. Under the spell of a level highway and the hum of a smooth purring motor she will beguile you on until, like Lorelei, she catches you up and dashes you against the rocks. In that eternity while you are soaring thru the air it will be too late for good resolutions. Even Lloyds will not give you an extra $10,000 insurance. If we have aroused your curiosity enough so that you will even look to see what makes the old bus stop we will have accomplished our purpose. As we were saying just the other day, "A stitch in time saves nine." Should you be possessed of a more enquiring turn of mind and desirous of still further light we might even be pursuaded to explain why "the darn things squeak, how to fix them, reline them, etc.". For the present there is a little pool in a mossy dell that demands our attention. We were going to drive over to the club for 19 holes but the car is laid up on account of the potential energy exerted on the radiator by a telegraph pole. "Brake inspection, your Protection."

BUILDING STATISTICS

Building statistics issued by the F. W. Dodge Corporation for the month of August, show a decrease over July, in valuation of over $16,000,000, but in number of projects August showed an increase of 477, these figures relating to contracts awarded. Contracts awarded for residential buildings in August totalled 6,279, against 5,632 in July, these figures referring to number of projects, but when the number of residential buildings is considered, we find a decrease in August over July of about 440 buildings.

In New York District alone, contracts were awarded in August for 3,127 residential buildings, against 2,397 in July. Quite an increase is also shown in the Pittsburg district, but the Philadelphia and Chicago districts tell a different tale. In Philadelphia contracts awarded in August totalled 85 less than in July, while in Chicago contracts were awarded for 3,043 buildings in July and only 1,825 in August.

These figures should mean something. The complete reports made by the F. W. Dodge Corporation may be obtained by dropping us a line.

The Second National Exposition of Power and Mechanical Engineering will be held in the Grand Central Palace, New York City, from December 3rd to 8th.

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ACL Doc 12096 · Page 10 of 53 asbestosclaims.law/library/12096/10

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Asbestos Magazine, 1923, October 1923
ACL Doc 12096 · Page 12 of 53
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asbestosclaims.law/library/12096/12

MARKET CONDITIONS

Raw Material.

Reports we get from all sources indicate a difficulty in disposing of the higher grades of raw material and dissatisfaction that the prices are so low. Competition between Canadian miners is keen, and made more so by Rhodesian competition. Prices on the lower grades are firm with a tendency to increase—demand being good.

Nobody is satisfied, but nobody seems to be able to evolve a plan to better the situation.

Manufactured Goods.

Covering demand continues to be good, and some of our clients tell us that they look for good business practically all winter in this line. Low pressure seems to be more in demand than high pressure—easily accounted for by the high figures reported for residential building.

Volume of paper business appears to be increasing and conditions look promising.

In the asbestos textile line opinions differ, varying with location. New England, because some of the cotton mills have recently gone on full time, reports a lively business in gaskets, increased demand for wick and rope packing and quickening of demand for asbestos yarns. The mid-west trade in asbestos goods is dull owing to the slackness in the oil industry, and the low prices prevailing on farm products.

One of our New York clients, who distribute asbestos goods (principally packings) in all parts of the country, have rather aptly diagnosed the general condition in their lines: "That oft quoted line from Horace, 'nil admirari', expresses our state of mind at the present writing, for we shall not be greatly surprised if business conditions in our line improve, and will not be taken unaware if they grow worse."

"Competition is keen; prices at a low level" is the general expression, applying to all asbestos lines. Few are there who venture an opinion on the trend of demand during the coming winter months.

Perhaps the most promising field is asbestos brake lining, but this is covered elsewhere in this issue.

World conditions, both politically and in business

Asbestos Magazine, 1923, October 1923 Published by AsbestosClaims.Law
ACL Doc 12096 · Page 13 of 53 asbestosclaims.law/library/12096/13

circles, are far from satisfactory, and relief in one place seems to be always offset by some new form of annoyance or catastrophe in another.

On the whole the best advice seems to be "Wait and work."

Asbestos Occurrences Near Kaapsche Hoop

A brochure has recently (June 11, 1923) been prepared by A. L. Hall, M. A., F. G. S., of the Geological Society of South Africa, containing "Further notes on the asbestos occurrences near Kaapsche Hoop, in the Barberton District." This gives much information as to the geological formation of these asbestos occurrences, and describes in detail the deposits of asbestos owned by Amianthus, Limited, and Myburgh Munnik Asbestos, Limited.

The information given is too lengthy for us to publish in "ASBESTOS", but we will gladly lend the brochure to anyone interested. Probably the most interesting data it contains is analyses of the asbestos found in this district. We give these analyses below, comparing with analyses of Canadian and Rhodesian material:

	Myburgh Munnik Co.	Amianthus	Canada	Rhodesia Victoria
SiO_2	40.75	40.05	40.49	38.58
Al_2O_3	.90	1.90	1.27	3.21
Fe_2O_3	1.30	1.60	2.53	2.53
FeO	.60	.40		
CaO	Nil.	.15	.....	2.90
MgO	41.0	38.35	41.41	38.87
K_2O	Trace	.15	.....	.....
Na_2O	.35	.25	.....	.....
Moisture (logs at 110 C)	1.90	16.60	14.06	14.10
Ignition	13.45			

The Convention of the Motor Truck Industries, Inc., will be held in Detroit, Mich., November 21st.



The 24th National Automobile Show of the National Automobile Chamber of Commerce, will be held in the 258th Field Artillery Armory (formerly 8th Coast Armory) New York City, from January 5th to 12th, 1924. Manager, S. Mills, 366 Madison avenue.

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ACL Doc 12096 · Page 14 of 53 asbestosclaims.law/library/12096/14

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ACL Doc 12096 · Page 15 of 53 asbestosclaims.law/library/12096/15

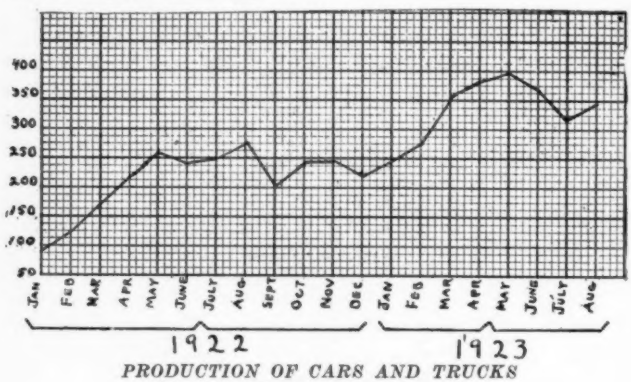
EDITORIALS

What are the Prospects for Brake Lining Sales during 1924?

That question has been asked us several times lately, and so we sat down one day with a large piece of paper and our best Eversharp pencil, to try to figure out the answer.

It is estimated that at the present time there are in the United States 13,000,000 cars. This figure can, we believe, be taken as a fair basis for calculation, so we put that down as the first factor.

The second one is the upward trend again being shown by production figures, August production running about 35.000 higher than July.



PRODUCTION OF CARS AND TRUCKS
(Number of Cars—in Thousands)

Now, figuring five feet of brake lining to each car, means that there is at present in actual road use in the United States, 65,000,000 feet of brake lining.

If 60% (and this seems a fair figure) of the cars in use require new brake lining each six months, this would mean a replacement business during the year of 39,000,000 feet, or, at a conservative average wholesale price of 40c per foot, $15,600,000.

At the rate of production for the first eight months of

Asbestos Magazine, 1923, October 1923 Published by AsbestosClaims.Law
ACL Doc 12096 · Page 16 of 53 asbestosclaims.law/library/12096/16

1923, there should be manufactured in 1924, about 4,035,000 cars, requiring 20,175,000 feet of brake lining, which, at the figure used above for average price per foot, would total $8,070,000 worth of business. Personally, we believe that 1924 automobile production will exceed 1923.

Consider, now, the effect on the industry, particularly the relining division, of two important factors.

First, the many safety campaigns staged by the National Safety Council, and other organizations, and the active participation in and boosting of these campaigns by the Asbestos Brake Lining Association, all with the idea of making the people "brake conscious." The majority public, appalled at the enormous total of accidents, cannot fail to join wholeheartedly in the brake inspection movement, which means, naturally, increased relining business.

The second factor is the four wheel brake. It is too early yet to forecast the full effect of the four wheel brake on brake lining business. Some claim that because the wear on the brake lining will be less per stop than where two wheel brakes are used, the cars will not have to be relined so often. Also, owing to increased cost of having four wheel brakes lined, as against two wheels, people will put off relining as long as possible. But against this is the fact that when the brakes *are* relined, there will be two sets to line instead of one.

The question is "Will the addition of this extra set of brakes cause the brake lining, because of decreased wear, to last *twice* as long?" Since the manufacturers of both brakes and brake lining cannot agree on this point, it will be necessary to wait until the four wheel brake has been given at least a year's trial.

But, even if the four wheel brakes do not increase the relining business, they will naturally double the amount of lining sold for new cars. And with some very popular cars featuring four wheel brakes, and others contemplating their installation, it is impossible to forecast the tremendous amount of brake lining business which will result.

In the face of the above figures, is there any reason to predict anything but a tremendous volume of brake lining business during the forthcoming year?

Just before going to press we have received the September figures published by the National Automobile

Asbestos Magazine, 1923, October 1923 Published by AsbestosClaims.Law
ACL Doc 12096 · Page 17 of 53 asbestosclaims.law/library/12096/17

Chamber of Commerce, showing a production during that month of 328,748, which is lower than August production by about 15,000. At that September production this year exceeded last by 60%.



Extent of Use of Asbestos in Certain Industries.

Canadian Chemistry and Metallurgy publishes in its September 1923 number, the result of a survey carried out by the Mining, Metallurgical and Chemical Branch of the Dominion Bureau of Statistics, for the purpose of ascertaining the consumption in Canada of prepared non-metallics, which group includes asbestos.

The inquiry elicited replies from nineteen producers of heavy chemicals, such as sulphuric, nitric and hydrochloric acids, caustic soda, ammonia, calcium carbide, plating chemicals, tanning and industrial gases, a compilation of these reports showing a total of 5 tons of asbestos sheets and 5 tons of asbestos powder used by these nineteen concerns during 1923.

In the paint industry, 21 companies reported the use, in total, of 2,438,189 pounds of asbestine.

In the enámelware, porcelain, pottery and stoneware industry, three companies reported a total consumption of 50,000 pounds of asbestos sheets, while in the rubber industry three companies reported a total of 75,974 pounds of asbestos powder, and one company the use of 1600 pounds of asbestos fibre.

While these figures are, of course, incomplete, they serve admirably as an indication of the extent to which asbestos is used in these several industries.



Uses of Paper and Millboard.

"What are the uses of paper and millboard?" We were asked this question a few days ago, and were rather surprised when we found that the uses we could think of, aided and abetted by some of our friends in the asbestos paper industry, did not quite cover a sheet of paper the size of an ordinary letterhead.

Of course it is a fact that by far the greatest proportion of commercial asbestos paper manufactured goes into the making of air cell and other pipe coverings and asbestos

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ACL Doc 12096 · Page 18 of 53 asbestosclaims.law/library/12096/18

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ACL Doc 12096 · Page 19 of 53
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ACL Doc 12096 · Page 20 of 53
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roofing, and probably the same proportion of millboard is used in stove and heater work, as lining.

Then there are gaskets, table mats, baking sheets and various uses in the chemical laboratory.

And the finer grades of paper, manufactured especially for the purpose, are used extensively in electrical work. But here comes the question—how are they used in electrical work? "As insulation" is an easy answer, but we aren't any wiser than we were before. Some of our readers, who have knowledge of electrical apparatus might profitably employ an hour or so in jotting down the various uses of asbestos paper in connection with electricity. In fact we would be most willing to part with some of our hard-earned dollars if we could secure in return, an article treating on this subject.

As to millboard, does all the millboard manufactured in the country go into stoves and heaters, the making of gaskets, asbestos table pads and mats, and the lining of ovens? Surely asbestos millboard has more uses than these. If not, it would seem worth while to discover. or invent, or manufacture new ways and places to utilize it.

Salesmen and executives should keep their eyes and ears open for new uses—either already known or potential. When you book an order do you always know how the material will be used—and why? If you don't it should be your business to find out.

We hope every salesman in the asbestos paper line will drop us a card telling of some new and special use for asbestos paper and millboard.

Readers will note the omission this month of our News of General Interest Page. This was crowded out by other matter which in our opinion is more important. We hope to resume the News of General Interest Page next month.

William Henry Merrill, Founder-President of the Underwriters' Laboratories, departed this life on September 17, 1923. He organized the work of the Underwriters' Laboratories in 1898, and has served as its principal executive since that date.

During June British imports of automobiles from the United States totalled 584, and this was the first time since last August that British imports of United States cars exceeded those of Canada. As a matter of fact during the preceding month Great Britain imported 1,154 cars from Canada, and only 788 from the United States.

Asbestos Magazine, 1923, October 1923 Published by AsbestosClaims.Law
ACL Doc 12096 · Page 21 of 53 asbestosclaims.law/library/12096/21

Notes from Russia

The following extracts are quoted from the June 1923 issue of the Russian Gorny Journal having been translated for us by Mr. E. Kirschenbaum of Philadelphia, a Russian by birth, who is making an intensive study of the subject of asbestos.

Concerning Uralasbest (name of American concession): workmen began coming in from the middle of April but mining was hampered by inclement weather. The late spring will cause a stoppage in the influx of laborers who are busy sowing; however, it would be hard to predict now what will happen after the completion of this work.

The trust is taking measures for a wide advertising campaign for the purpose of engaging laborers for the seasonal work at the Asbestos Mines.

The output per laborer remains satisfactory, nearly approaching the pre-war standard. Experiments in separating Asbestos from the rock by means of crushers are being undertaken because if mechanical separation cheapens the cost of production it lowers the quality of the higher grades of asbestos, hence much care and preliminary investigation are necessary.

The millboard factory was not running in April. There is an adequate supply on hand and the works are being overhauled.

From Trust Review section: With reference to the Uralasbest the Sub-committee (of the Government) in charge of mining affairs arrived at the following conclusions:

1. To leave with Uralasbest the development of the Bajenov region. The guarding of the Ostanin and Neviansk regional developments must be consummated with government means and must be effected by the trust (i. e. Uralasbest) in accordance with the terms.

2. Owing to the fact that Russian Asbestos competes successfully in the foreign market with Canadian and Rhodesian minerals, it would be desirable that Uralasbest enter the Rudometalltorg Company (organized for exporting minerals) in order to reduce the overhead expenses connected with the production of Asbestos.

3. In order to better exploit the cheaper qualities of Asbestos the management of the trust should be offered to present its views concerning the organization of an Asbestos Slate industry.

We expect to publish other material of this sort in future, thru the kindness of Mr. Kirschenbaum.

Time is valuable to some persons. If you can pick them out and save their time, they will pay you well.

Asbestos Magazine, 1923, October 1923 Published by AsbestosClaims.Law
ACL Doc 12096 · Page 22 of 53 asbestosclaims.law/library/12096/22

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IMPORT

EXPORT

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ACL Doc 12096 · Page 23 of 53
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The Acoustile Treatment of Walls and Ceilings

Readers will probably recall our comments in the August issue concerning the treating of walls and ceilings for the purpose of deadening sound.

Since that time we have gotten in touch with the Mazer Acoustile Company of Philadelphia, which manufactures and installs these acoustile systems, and which has given us some very interesting information.

As stated previously asbestos is not used as a main sound absorbing element, but the Mazer Acoustile Company in its Improved Patented Pre-Built Panel type of construction uses an asbestos felt backing. In the Acoustile sound controlling system, each panel is a rigid self-sustaining unit, and permits of the omission of metal lath and plaster where applied in new buildings during construction. The asbestos felt is used on the back of these panels as a protection against dust and fire.

In the "old method" construction, the covering material over the acoustic felt is used for the sake of appearance only, as stated in the August issue, but in the new type of construction the covering is applied to the pre-built panels so as to form not only a decorative surface which can be painted in washable oil colors to look exactly like the best plaster work, but is stretched so tightly that it acts as a highly sensitive membrane, and causes the energy of the sound wave to be transmitted with much greater efficiency and uniformity to the felt behind it, in pretty much the same manner as the thin metal disk of a telephone receiver transmits the sound.

The Mazer Acoustile Company is at present developing another type of unit which will be composed chiefly of asbestos, but the product will not be ready for the market for several months.

When the experiments have been completed a full description will be given "ASBESTOS" for publication.

The world is not much interested in the storm you encountered at sea. The question is "Did you bring the ship into port?"

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ACL Doc 12096 · Page 24 of 53 asbestosclaims.law/library/12096/24

Asbestos Mines Limited

Mine at East Broughton, Que.

Head Office
JACOBS BUILDING
Montreal

Branch Offices
Paris Hamburg Yokohama

New Mill With Increased Capacity and Most Modern Improvements

Deliveries of the standard grades:

X Fibre
XX "
C " 40 Per-cent More Absorption Than Others.

313 Cement
7 " Largest Covering Capacity
5 "

Floats

Asbestowall For Plaster, A Specialty

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ACL Doc 12096 · Page 25 of 53
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350 Madison Avenue
At 45th Street
NEW YORK - - N. Y.

ASBESTOS

Thetford Crudes, Spinning and Magnesia Fibres, Shingle and Paper Stocks, Cements

Inquiries Solicited

The Expert Examination of Asbestos Properties

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ACL Doc 12096 · Page 27 of 53
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Black Lake Asbestos and Chrome Company
LIMITED

Controlling
Union Asbestos Mines
Southwark Mines
Imperial Asbestos Mines
Black Lake Chrome Mines
Coleraine Chrome Mines

Mines at Black Lake, Que.
Canada

CRUDES and FIBRES
Shingle Fibres a Specialty

Head Office
Jacobs Building
MONTREAL

Franch Offices
Paris Yokohama Hamburg



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Production Statistics

Canada.

Under date of August 17, 1923, the Dominion Bureau of Statistics, published a preliminary report of the mineral production of Canada during the six months ending June 30, 1923. Our readers will be interested in having the figures for production and sales of Asbestos during the first six months of 1923, and comparing them with those for the same period in 1922:

	1922 Production Tons	Sales Tons	Total Sales Value	Av. Value per Ton
Crude No. 1	129	87	$ 73,300	$842.52
Crude No. 2	507	189	81,462	431.00
Fiberized Crude	106	242	48,990	202.43
Spinning Stocks	3,635	2,158	487,620	225.95
Shingle Stocks	4,903	4,091	367,134	89.74
Millboard Stocks	6,815	6,696	235,819	35.21
Paper Stocks	14,520	12,814	355,565	27.74
Paper Fillers	4,976	10,518	142,525	13.55
By-Products (Sand, Finish & Floats)	18,062	18,051	101,817	5.64
Total	53,023	54,846	1,894,232	34.53

	1923 Production Tons	Sales Tons	Total Sales Value	Av. Value per Ton
Crude No. 1	579	319	$153,476	$481.11
Crude No. 2	1,398	1,936	484,470	250.24
Fiberized Crude	106	...	.....	.....
Spinning Stocks	5,252	6,598	833,956	126.40
Shingle Stocks	11,560	11,680	585,541	50.13
Millboard Stocks	2,569	2,996	87,989	29.37
Paper Stocks	26,134	30,528	952,885	31.21
Paper Fillers	25,886	24,946	357,069	14.31
By-Products (Sand, Finish & Floats)	19,730	20,039	119,376	5.96
Total	93,214	99,042	3,574,762	36.09

It is interesting to compare the average prices grade by grade, for the two years, and then the average prices of the totals.

Sales, it will be noted, increased during 1923 in all grades but two, the very large increases in sales of paper stocks and paper fillers at slightly higher prices than in 1922 accounting for the increase in average price, and this despite the great decreases in average prices for the longer grades. A careful study of this table will reveal many interesting points.

Asbestos Magazine, 1923, October 1923 Published by AsbestosClaims.Law
ACL Doc 12096 · Page 29 of 53 asbestosclaims.law/library/12096/29

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Compressed Sheet Packing
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"Every operation, from the Asbestos Rock to the Finished Product, done at Our Own Factories."

ASBESTOS TEXTILE CO.

MILLS
North Brookfield
Mass.

GENERAL OFFICES
18 E. 41st Street
New York, N. Y.

Asbestos Magazine, 1923, October 1923
ACL Doc 12096 · Page 30 of 53
Published by AsbestosClaims.Law
asbestosclaims.law/library/12096/30

Rhodesia.

Production of asbestos in Rhodesia during June 1923, as reported by the Rhodesia Chamber of Mines, is as follows::

	Tons	Value
Bulawayo District—		
Nil Desperandum (Afr. Asb. Min. Co., Ltd.)	421	£8,418
Pangani (J. Hancock)	30	360
Shabanie (Rhod. & Gen. Asb. Corp., Ltd.)	589	14,736
Victoria District—		
Balmain (Afr. Asb. Min. Co., Ltd.)	70	1,401
Gath's (R. & Gen. Asb. Corp. Ltd.,)	348	8,694
King (Rhod. King Asb. Co., Ltd.)	159	3,181
	1,617	£36,790

A comparison of Rhodesian production by months, for the first six months of 1922 and 1923, follows:

	1922 Tons	1923 Tons
January	557.67	1,708.24
February	380.26	1,218.46
March	436.58	885.98
April	939.73	1,693.50
May	828.07	1,642.11
June	1,068.59	1,617.24
	4,210.90	8,765.53

Union of South Africa.

The following figures are issued by the Department of Mines and Industries, South Africa for the month of June, 1923:

	Tons	Value
Transvaal	431	£6,343
Cape	342	4,766
	773	£11,109

Value of shipments for the corresponding month in 1922 was £8,590.



United States.

Pamphlet published August 29, 1923, by Edward Sampson of the U. S. Geological Survey, gives the following table showing production (meaning production actually sold) of asbestos in the United States from 1918 to 1922

Asbestos Magazine, 1923, October 1923 Published by AsbestosClaims.Law
ACL Doc 12096 · Page 31 of 53 asbestosclaims.law/library/12096/31

inclusive, and divided into the two classes of material, viz: chrysotile and amphibole:

	Chrysotile		Amphibole	
	Tons	Value	Tons	Value
1918	392	$101,059.00	606	$118,687.00
1919	502	229,265.00	659	248,265.00
1920	1,245	661,907.00	403	678,231.00
1921	438	313,268.00	393	336,968.00
1922	25	3,320.00	42	10,120.00

Quebec's Abestos Shipments for Germany

By American Consul E. HALDEMAN DENNISON

Quebec, Canada, August 17, 1923

(Released for Publication by U. S. Dept. of Commerce)

The port of Quebec is at present enjoying one of the largest, if not the largest, movements of asbestos fibre and sand ever exported on ocean going steamers, there having been between nine and ten thousand tons of this commodity cleared from the port on various steamers since the opening of navigation. The Canadian Pacific Steamships, Limited, have alone handled well over 4000 tons of asbestos, while the remainder has been split up amongst the other lines, including some 2000 tons by the Canadian Government steamers.

During the last season of navigation, quantities of asbestos moved via the port, but does not compare with the movement at present under way—a movement which, according to different steamship officials, will continue in a marked degree until the present season comes to a close.

Several steamers have loaded various quantities of asbestos in the last few days, and while a small proportion has been exported to ports in Great Britain, approximately ninety per cent. of this commodity is being sent to the more important Belgian and German seaboards, mostly Antwerp and Hamburg. The Canadian Pacific liner, "Empress of France," is now loading, in addition to some 1600 tons of other general cargo, nearly 200 tons of asbestos fibre for Hamburg, while the "Canadian Conqueror," of which the local agents are the Robert Reford Company, Limited, is at

Asbestos Magazine, 1923, October 1923 Published by AsbestosClaims.Law
ACL Doc 12096 · Page 32 of 53 asbestosclaims.law/library/12096/32



AMERICAN ASBESTOS COMPANY

Manufacturers of
Asbestos Textiles

NORRISTOWN, PA., U. S. A.

Headquarters for Yarns, Cloth, Tapes, Fibres, Brake Linings and Textiles Generally

WRITE FOR PRESENT PRICES

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ACL Doc 12096 · Page 33 of 53
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Carey

ASBESTOS AND ASPHALT PRODUCTS

85% MAGNESIA

ASBESTOS FIBRE
Eight Standard Grades

MAGNESIA
Carbonate of Magnesia Powder
Pure Carbonate of Magnesia Blocks
Light Calcined Magnesia
Heavy Calcined Magnesia
In Technical and U. S. P. Grades

ASBESTOS AND MAGNESIA
PIPE AND BOILER COVERINGS
A correct heat insulation for each condition.

ASBESTOS ROOFINGS
ASBESTOS PAPER AND MILLBOARD
INSULATING AND HIGH TEMPERATURE CEMENTS
BOILER SETTING CEMENT
ASBESTOS ROPE AND WICK PACKING
ASBESTOS GASKETS

PREPARED ASPHALT ROLL ROOFINGS
BUILT-UP ASPHALT ROOFINGS
SLATE SURFACE SHINGLES

WATERPROOFING
Asphalt and Tarred Felts
Waterproof Insulating Paper
Roof Paints
Asbestos Roof Cements
Asphalt Pitch

THE PHILIP CAREY COMPANY
Lockland, Cincinnati, Ohio

Asbestos Magazine, 1923, October 1923
ACL Doc 12096 · Page 34 of 53
Published by AsbestosClaims.Law
asbestosclaims.law/library/12096/34

present taking on board between five and six hundred tons for Antwerp.

Large consignments of this class of freight are arriving in Quebec by rail from the Eastern townships, including such points as Thetford Mines, Black Lake and Asbestos.

According to official information it was learned recently that the German shipping interests are eagerly snapping up all available tonnage in this respect, and the mines thruout the provinces are being worked at high speed to keep up with the demand for this commodity on the part of foreign markets.

Imports and Exports of Asbestos

Imports into U. S. A.

Unmanufactured Asbestos

	July 1923 Tons	Value
Germany	90	$20,256.00
England	124	29,608.00
Canada	17,404	563,338.00
British South Africa	26	3,601.00
Port. East Africa	500	7,500.00
	18,144	$624,303.00

Manufactured Asbestos

	July 1923 lbs.	Value
Austria	706	$ 226.00
Belgium	2,003,616	35,369.00
France	124	46.00
Germany	266,140	6,354.00
Hungary	8,521	3,371.00
England	16,764	7,577.00
Canada	43,841	1,135.00
	2,339,712	$54,078.00

Exports from the U. S. A.

Exports of unmanufactured asbestos for the month of July totalled 159 tons, valued at $4,035.

Exports of manufactured asbestos goods:

	lbs.	Value
Paper, Millboard and Rollboard	237,809	$14,355.00
Pipe Covering and Cement	381,347	41,180.00
Textiles, Yarn and Packing	112,770	77,131.00

Asbestos Magazine, 1923, October 1923 Published by AsbestosClaims.Law
ACL Doc 12096 · Page 35 of 53 asbestosclaims.law/library/12096/35

	lbs.	Value
Magnesia and manufactures of	745,643	41,572.00
Roofing	13,394 sq.	57,769.00
Other manufactures of Asbestos	304,771	64,303.00
		$296,310.00

The United States also exported during July, 19 tons of unmanufactured asbestos received from other countries, valued at $2,825, and 285 pounds of manufactured goods, valued at $39.00, these figures being taken from the monthly summary published by the U. S. Department of Commerce.

Imports by England.

During July, England imported the following raw asbestos (including asbestic):

	Tons	Value
From Rhodesia	707	£25,567
From Canada	539	7,103
From Other Countries	409	11,326
	1,655	£43,996

re-exporting 684 tons valued at £26,062.

Exports made by England.

Exports made by England of asbestos manufactures during July were as follows:

	Tons	Value
To Netherlands	20	£3,131
To France	64	9,742
To United States	12	3,736
To British India	59	5,340
To Other Countries	903	46,929
	1,058	£68,878

Exports from Canada (Raw Asbestos).

	June 1923		June 1922	
	Tons	Value	Tons	Value
United Kingdom	185	$ 8,698.00	35	$11,050.00
United States	8,568	530,885.00	6,397	308,462.00
Australia	...	.....	..	.....
Belgium	455	22,313.00	330	16,740.00
France	626	52,525.00	385	34,305.00
Germany	372	36,276.00	700	75,488.00
Italy	30	4,500.00	...	.....
Japan	365	24,135.00	739	45,313.00
Netherlands	...	.....	257	24,240.00
Spain	...	.....	...	.....

Asbestos Magazine, 1923, October 1923 Published by AsbestosClaims.Law
ACL Doc 12096 · Page 36 of 53 asbestosclaims.law/library/12096/36

Asbestos Corporation
of Canada, Limited

The Largest Producers of Raw Asbestos in the World

CRUDES
SPINNING FIBRES
SHINGLE STOCKS
PAPER STOCKS

Mines

Kings Mines, Thetford Mines, Quebec
Beaver Mines, " " "
B. C. Mines, Black Lake, "
Fraser Mines, E. Broughton, "

Head Office

Canada Cement Building
Phillips Square - Montreal

General Office

THETFORD MINES
Quebec, Canada

Asbestos Magazine, 1923, October 1923
ACL Doc 12096 · Page 37 of 53
Published by AsbestosClaims.Law
asbestosclaims.law/library/12096/37

	June 1923 Tons	June 1923 Value	June 1922 Tons	June 1922 Value
Switzerland	...	.....	...	.....
Other Countries	...	.....	20	280.00
Total	10,601	$679,332.00	8,863	$515,878.00
Sand and Waste—				
United Kingdom	150	2,495.00	...	.....
United States	7,594	93,174.00	4,394	44,122.00
Other Countries	120	1,865.00	...	.....
Grand Total	18,465	$776,866.00	13,257	$560,000.00

It may also be interesting to compare the exports of raw asbestos from Canada for the first six months of 1923, with the figures for the first six months of the preceding year. They follow:

	Jan. to June 1923 Tons	Jan. to June 1923 Value	Jan. to June 1922 Tons	Jan. to June 1922 Value
United Kingdom	1,682	$ 94,871.00	1,265	$ 155,133.00
United States	46,353	2,905,926.00	31,700	1,414,820.00
Australia	...	.....	25	6,000.00
Austria	...	.....	..	.....
Belgium	2,932	177,251.00	1,429	114,940.00
France	2,534	204,070.00	1,608	166,486.00
Germany	2,553	268,969.00	3,704	482,533.00
Italy	74	10,220.00	.....	.....
Japan	2,355	129,723.00	1,424	83,973.00
Netherlands	153	12,675.00	857	133,165.00
Spain	...	.....	50	4,500.00
Switzerland	...	.....	..	.....
Other Countries	55	4,125.00	20	280.00
Total	58,691	$3,707,830.00	42,082	$2,561,830.00
Sand and Waste—				
United Kingdom	446	5,315.00	5	45.00
United States	31,695	370,738.00	17,229	167,878.00
Other Countries	515	8,110.00	30	270.00
Grand Total	91,346	$4,092,993.00	59,346	$2,730,023.00

Exports From Russia.

We have just succeeded in obtaining some figures covering exports from Russia. During 1918, 1919 and 1920, Russia exported no asbestos whatever, but in 1921, 15,000 poods (270¾ short tons) were exported to Germany, and 1,000 poods (18.05 short tons) to Esthonia.

In 1922, 108,000 poods (1949.4 short tons) were exported to Germany.

During the first five months of 1923, 12,000 poods (1836.6 short tons) went to Germany, and 2,000 poods (36.1 short tons) went to Latvia.

Asbestos Magazine, 1923, October 1923 Published by AsbestosClaims.Law
ACL Doc 12096 · Page 38 of 53 asbestosclaims.law/library/12096/38

ASBESTOS PAPER AND MILLBOARD

SAL MOUNTAIN COMPANY
SAL-MO PRODUCTS

The Mark to Buy
Asbestos By

ASBESTOS PAPER
ASBESTOS MILLBOARD
ASBESTOS PIPE & BOILER COVERINGS
ASBESTOS CEMENTS
ASBESTOS TUBES

Write for Samples and Prices

INQUIRIES RECEIVE QUICK AND COURTEOUS ATTENTION

MANUFACTURERS:

Sall Mountain COMPANY

140 S. Dearborn St., CHICAGO, ILL.

EASTERN OFFICE & FACTORY
SCRANTON, PA.

BOSTON OFFICE
268 STATE ST.

ASBESTOS PIPE & BOILER COVERING

Asbestos Magazine, 1923, October 1923
ACL Doc 12096 · Page 39 of 53
Published by AsbestosClaims.Law
asbestosclaims.law/library/12096/39

NEWS OF THE INDUSTRY

The regular monthly meeting of the Asbestos Brake Lining Association was held at the Hotel McAlpin, New York City, on Wednesday, October 10th.

Commissioner A. A. Mowbray made a report on his trip to Buffalo, where he attended the 12th annual congress of the National Safety Council. During the entire week of the convention the Buffalo police tested brakes outside of the Hotel Statler, where the more than 3000 safety delegates manifested great interest in the inspections. This work of examining automobile brakes is being continued in Buffalo.

Marcus A. Dow, President of the National Safety Council, delivered an address about the work of the Bureau of Public Safety in New York City, and told the safety experts how 50,000 automobiles had been examined and 2000 operators convicted of having defective control apparatus.

Commissioner Mowbray sounded a word of warning about the importance of manufacturers refraining from doing anything in connection with the brake inspection movement that might lead the public to suspect that there was a commercial element connected with this safety campaign. He stated that numerous managers of safety councils thruout the country had promised to support the brake inspection movement just so long as no manufacturer tried to commercialize the campaign.

The time has arrived, declared Mr. Mowbray, when non-members of the association should give the organization both their moral and financial support. The brake inspection movement is benefitting non-members to a very large extent.

Since the inauguration of the brake inspection movement, Commissioner Mowbray has succeeded in interesting safety councils, chambers of commerce, police chiefs, automobile clubs and public officials in more than 200 cities, both here and abroad, in the campaign. The model brake inspection ordinance being circulated by the Asbestos Brake Lining Association already has been passed in several communities and other cities are considering its adoption.

The latest large city to decide upon participating in the brake inspection movement is Philadelphia.

In the City of Baltimore, the State Roads Commission plans to establish ten official brake testing stations. If these show that many cars have bad brakes similar depots will be opened in every community thruout the entire state of Maryland.

Daily newspapers in every city in the country are publishing the timely news articles regarding the importance of brake inspection which are being furnished by Commissioner Mowbray who already has three large scrapbooks filled with clippings about the campaign. Trade, technical and class periodicals also have been liberal in using the stories issued by the association.

Asbestos Magazine, 1923, October 1923 Published by AsbestosClaims.Law
ACL Doc 12096 · Page 40 of 53 asbestosclaims.law/library/12096/40

Nederlandsche Asbest My.

Importers of Asbestos
Crudes and Fibres

ROTTERDAM - HOLLAND

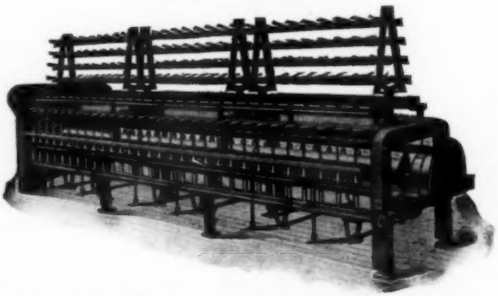
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Lieber's Code

ASBESTOS YARN MACHINERY

"SMITH-FURBUSH"



PROCTOR & SCHWARTZ, INC.

Formerly Smith & Furbush Machine Co.
Seventh Street & Tabor Road
PHILADELPHIA, - - - - PENNA.

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Volume 4, No. 6 of The Silver Edge, house organ published by the Raybestos Company, has just reached our desk. The articles contained in this particular issue of The Silver Edge are even more interesting than usual.

A statement is made in U. S. Commerce Reports (issue of Sept. 24th) that the Italian market for brake lining is dominated by two different makes, the British Ferodo and Italian Frendo. Altho the British Ferodo is much higher in price than the Italian Frendo, the British has the larger sale. A well-known American make has also been introduced into Italy recently.

The Davis cup, mentioned in the September issue, and contested for by members of the Thetford Country Club on Saturday, September 15th, was won by A. C. Smith of the Bennett-Martin Asbestos and Chrome Mines, who had a gross score of 84, and a net score of 78.

When any of our readers are in Philadelphia, we wish they would drop into our office and have a chat with us. Often we can show them things of interest; always we are glad to welcome them and extend any courtesy in our power.

According to various magazine accounts, the members of the American Institute of Mining and Metallurgical Engineers, very much enjoyed their trip thru Thetford Mines, where they visited the mines owned by Bell Asbestos Mines, Consolidated Asbestos Limited and the Asbestos Corporation of Canada.

The Textile World in its September 15th issue, mentions "Panelcel" a new dryer insulation, made by Johns-Manville, Inc.

News notes report the resumption of mining for gold, platinum, copper and asbestos in Southern Oregon, stating that within the last two months twelve mining properties have changed ownership and are being intensively developed.

The Pennsylvania Asbestos Company of North Wales, Pa., formerly operated by John A. Hovey, has been re-organized and re-financed, and business will be resumed under the name of The Pennsylvania Asbestos Corporation. The plant at North Wales is undergoing repairs and numerous improvements and it is expected that it will be ready to resume operations by the time this magazine is off the press.

The chief products of the Pennsylvania Asbestos Corporation will be high grade boiler and furnace cements, liquid and plastic asbestos roof coatings, and other products will be added from time to time.

The general office of the new organization will be in the Asbestos Building, corner Main and Astor Sts., Norristown, Pa., and the management will be composed of men of wide and long experience in the asbestos business. The officers are J.

Asbestos Magazine, 1923, October 1923 Published by AsbestosClaims.Law
ACL Doc 12096 · Page 42 of 53 asbestosclaims.law/library/12096/42

ASBESTOS



Bennett-Martin
Asbestos and
Chrome Mines
LIMITED



Head Office
Thetford Mines, P. Q.
Canada

General Sales Office
110 E. 42nd Street
NEW YORK

Mines Located at
Thetford Mines and Vimy Ridge

Asbestos Magazine, 1923, October 1923
ACL Doc 12096 · Page 43 of 53
Published by AsbestosClaims.Law
asbestosclaims.law/library/12096/43

Carroll Johnston, President; Robert L. Wilkinson, First Vice President; John A. Hovey, Second Vice President; H. Nelson Reifsnyder, Secretary and Treasurer.

The Panhandle Asbestos Company, Inc., of Lewiston, Idaho, has been organized to take over the business of the Western Minerals Company at Kamiah, Idaho. Further details will be supplied in a later issue.

Attractive blotters have been received from the American Insulation Company, the Atlas Asbestos Company and H. V. Everham Company.

Financial America of New York City, issue of October 1st, in an item dated from Trenton, N. J., states that under a decision handed down by the Court of Errors and Appeals an accounting of royalties on a patent for brake linings was directed in the suit of Mitford C. Massie, and others, against the Asbestos Brake Company, Thermoid Rubber Company and the Johns-Manville Company. The accounting will date from 1911. The Court of Errors' decision affirms a ruling of Vice-Chancellor Buchanan in the Court of Chancery in December last.

We note from the Newark, N. J., Evening News, of issue October 2nd, that Eugene H. Myer was appointed ancillary receiver in New Jersey under a bond of $3,500 by Federal Judge Lynch for the Asbestos Material Corporation with offices in New York City and manufacturing plant at Millington.

According to news clippings received from several papers, the directors of the Asbestos Corporation of Canada, Limited, have reduced the dividend on the preferred stock from the rate of 7 per cent to 6 per cent, and on the common stock from 6 to 4 per cent. The reason given is the reduced prices owing to severe competition among the Canadian companies and from Rhodesian competitors.

The United States Asbestos Company of Manheim, has a live baseball nine. They recently played and defeated the Bearings Company of Lancaster, the score being 7 to 4.

The September 29th issue of the Saturday Evening Post contained a very attractive full page advertisement by Asbestos Limited, featuring its "True Blue" Asbestos for roofing and damp proofing. This ad is the first of a series to be run in the Saturday Evening Post by Asbestos Limited.

Those of our subscribers who read the two articles by G. E. Booker recently appearing in the Canadian Mining Journal, and mentioned in our July and September issues, will be interested in the letter written in refutation of these articles by Samuel Davis, General Sales Manager of Consolidated Asbestos

Asbestos Magazine, 1923, October 1923 Published by AsbestosClaims.Law
ACL Doc 12096 · Page 44 of 53 asbestosclaims.law/library/12096/44

Limited. Mr. Davis' letter appears in the September 7th issue of the Canadian Mining Journal.

Ferodo, Limited, of Chapel-en-le-Frith, England, recently paid a dividend of 12½ per cent, free of tax, on the ordinary shares, and since the holders of the 7 per cent preference shares are entitled to an extra 3 per cent whenever the ordinary dividend is 10 per cent or over, they will get an additional 3 per cent. The directors are paying off the balance of £6,000 in respect of preliminary expenses, the amount of which was reduced by £6,256 a year ago; are allocating £20,000 to reserve, against nothing a year ago; and are carrying forward £7,499.

Benj. T. Conwell, Vice President and Treasurer of American Insulation Company, Philadelphia, is spending some weeks in Europe in the interest of business. Mrs. Conwell accompanies him.

It is reported that Amianthus Mines Limited and Myburgh-Munnik Asbestos Limited (both mentioned elsewhere in this issue) are working at high pressure and cannot keep up with demand. We are informed by a reliable correspondent that they could dispose of ten times their present output, but have at the moment no knowledge as to what that figure might be. In February 1923, the Myburgh-Munnik Company produced 10 tons.

In the October number of Popular Science Monthly appears a quite interesting article concerning asbestos wood or lumber.

It is a pleasure to extend congratulations to the following gentlemen, on the occasion of their birthday; A. C. Jones, President of Staybestos Mfg. Company, whose birthday occurs on October 25th; W. R. Leventritt, President, Asbestos & Mineral Corporation, who also celebrates his birthday on October 25th, and Jacob A. Jacobs, President of Asbestos Mines, Limited, whose birthday date is November 12th. We wish them all many happy returns.

An interesting item appears in the September 20th number of Printers Ink, concerning the new advertising copy being used by Johns-Manville, Inc., which makes an appeal to women for their Flexstone Asbestos Shingles. We here in Philadelphia watch J. M.'s window displays on Broad Street with much interest. At the time of this writing they are featuring their various pipe coverings with the statement: "A million years were required in the making of this coal (sample as large as two fists being shown) so scientists tell us, a minute only is needed to waste it."

On September 13th, the Fireproofs (Consolidated Asbestos Limited) of Montreal, defeated the Overproofs (Canadian Industrial Alcohol) in a golf match played at Laval-sur-le-Lac, by a

Asbestos Magazine, 1923, October 1923 Published by AsbestosClaims.Law
ACL Doc 12096 · Page 45 of 53 asbestosclaims.law/library/12096/45

ASBESTOS FIBRE

FOR THE MANUFACTURE OF

Asbestos Millboard
Asbestos Paper
High Temperature Cements
Pipe Coverings
Asbestos Shingles and Lumber
Insulating Cements
Fibrous Paints
Filtration Packings
Roofing Cements



THE QUEBEC ASBESTOS CORPORATION

Office and Mines

East Broughton, Province of Quebec
Canada

Asbestos Magazine, 1923, October 1923
ACL Doc 12096 · Page 46 of 53
Published by AsbestosClaims.Law
asbestosclaims.law/library/12096/46

score of 5 points to 0. Messrs. Stover and S. Davis defeated Messrs. Lawrence and Scott by 2 points to 0, and Messrs. Fisher and Waddell defeated Messrs. Kaestner and M. E. Davis by 3 points to 0. The deciding match will be played shortly.

F. Hirschhorn, a director of Cape Asbestos Company, Limited, residing in Kimberley, Africa, is at present on a visit to London. He will remain in England for two or three months.

Bell's United Asbestos Co., Ltd., have declared an interim dividend on the Ordinary Shares of Sixpence per share, less income tax, on account of the profits of the current year.

Dividend will be paid on October 22nd, to shareholders on the Register on October 6th, and Ordinary Share Transfer Books will be closed from October 5th to 19th inclusive.

The H. W. Young & Company, Limited, of Johannesburg, Transvaal, Africa, is now represented in the United States by Mr. Hamilton W. Jones, 160 Fairfield Avenue, Hartford, Conn. Samples of Crude Asbestos sent us by Mr. Jones show a very good material, resembling Arizona in appearance.

The Lotz Asbestos Company of Hartford, Conn., is running a half page advertisement in the Hartford Times, calling attention of the citizens of Hartford to the need for insulating their pipes and boilers. "Why Heat your Cellar? It's too Costly" is one of the headlines used.

The Lotz Asbestos Company is also agent for the Mazer Method of Architectural Acoustic Correction, mentioned elsewhere in this issue.

PATENTS

On June 12* patent was granted to Karl W. Lieban of Fresno, Calif., No. 1,458,660, filed September 1, 1920, on **Packing.** Serial No. 407,385, and described as a packing comprising a cylindrical body of compressible material having outwardly directed stop ribs at the ends, a coil of wire embedded in the walls of the body and surrounding the opening thereof, and spaced from the inner and the outer faces of the same, and a coil of wire surrounding the outer face of the body and maintained in position by the stop ribs.

On June 12* patent was granted to Robert H. Anderson of Ambler, Pa., assignor to the Asbestos Shingle, Slate & Sheathing Company, No. 1,458,675, filed July 6, 1921, Serial No. 482,692 covering **Apparatus for forming Asbestos Cement Slabs,** and described as the combination with an auger machine adapted to feed a plastic mixture of Asbestos and Cement, of a die having its entrance orifice matching, vertically and horizontally, the outlet from said auger machine, and having a pair of guiding surfaces contracting the die passage in the direction of flow, and a second pair of guide surfaces diverging in the direction of flow,

Asbestos Magazine, 1923, October 1923 Published by AsbestosClaims.Law
ACL Doc 12096 · Page 47 of 53 asbestosclaims.law/library/12096/47

said four guiding surfaces at the discharge forming a relatively narrow orifice shaping the Asbestos cement material into a flat ribbon.

On July 31st, patent was issued on **Covering for Boilers, Pipes** and the like, No. 1,463,298, to Edward Spicer, Vancouver B. C. Filed November 23, 1921, Serial No. 517,301. Described as a covering for boilers comprising a layer of heat insulating material laid directly on and wrapped tightly around the boiler shell, of a thickness designed to prevent heat radiation from the shell, flexible corrugated bands wrapped around said layer, with the corrugations disposed longitudinally of it and a metal casting surrounding the boiler and spaced from the heat insulating layer by the bands, said casing being capable of being tightened, whereby the layer is frictionally held to the boiler shell and the layer, bands and casing frictionally held one to the other.

On July 31st, on **Refractory Products from Dolomite,** No. 1,463,399, to Charles Arthur Longbottom, Workshop, and Frederick Lindley Duffield, Brassington, England. Filed December 1, 1922, Serial No. 604,417. Described as process for the manufacture of refractory products from dolomite which consists in artificially mixing binding materials with the raw dolomite, shaping the products from the mixture, subjecting them to an intense shrinking heat, and finally dipping them in a medium having sealing properties.

On August 21st, on **Unwoven Brake Band Facing,** No. 1,465,389, to William C. Fisher, Middletown, Conn., assignor to the Russell Mfg. Company. Filed August 23, 1919, Serial No. 319,504. Described as a new article of manufacture, a flexible, unwoven Asbestos Fibre Brake Band Facing, comprising Asbestos Fibres combined with ground cork cohered by a superficially applied phenolic condensation product, the bulk of which lies upon the surface of the Asbestos fibres and ground cork in the form of a hard skin.

On August 28th, to John W. Latimer, Cleveland, O., assignor to Johns-Manville, Inc., No. 1,466,054, on **Water Tight Pipe Conduit.** Filed November 18, 1919, Serial No. 338,788. Description too lengthy to be included here.

*Information on these patents has been delayed owing to their omission from Official Gazette of June 12th.

BUYERS CLASSIFIED INDEX

Being a listing of those firms whose products are of particular interest to those in the Asbestos Industry.
Rate for listing supplied on application.
We hope to gradually make this listing of great value to our readers.

ASBESTOS TEXTILE MACHINES

Whitin Machine Works, Whitinsville, Mass.

Asbestos Magazine, 1923, October 1923 Published by AsbestosClaims.Law
ACL Doc 12096 · Page 48 of 53 asbestosclaims.law/library/12096/48

ASBESTOS USACO

UNITED STATES ASBESTOS CO.

General Offices and Mills

Manheim, Penna.

MANUFACTURERS OF

ASBESTOS
BRAKE LINING
CLUTCH FACINGS
FABRICS
LISTING
PACKING
TAPE
YARNS

SALES OFFICES and WAREHOUSES

New York Boston Chicago
Pittsburg Lancaster San Francisco

Asbestos Magazine, 1923, October 1923
ACL Doc 12096 · Page 49 of 53
Published by AsbestosClaims.Law
asbestosclaims.law/library/12096/49

ASBESTOS ROOFINGS

UNDERWRITERS LISTED

2-Ply White Seal in Rolls

3-Ply White Seal in Sheets

4-Ply White Seal in Sheets

4-Ply Fire Chief Burlap Centre in Rolls

2-Ply Black Seal in Rolls

3-Ply Black Seal in Sheets

4-Ply Black Seal in Sheets

1-Ply Imperial No. 2 Asbestos Saturated Felts in Roll

ASBESTOS BASE FELT ROOFINGS

Asbescoat—No. 52 Roofing—50 lb. in Rolls
Asphalt Coated Both Sides

Asbeslate Roll Roofing—85 lb. in Rolls
Either Red, Green or Blue Black

Asbeslate Std.-Individual Shingles 8x12¾
Either Red, Green or Blue Black

Asbeslate—Strip Shingles—"4-in-1", 10x32 in.
Either Red, Green or Blue Black

H. F. WATSON CO.

Main Office and Factories Erie, Pa.

79 MILK ST. BOSTON

5331-9 SO. WESTERN AVE. CHICAGO

Asbestos Magazine, 1923, October 1923
ACL Doc 12096 · Page 50 of 53
Published by AsbestosClaims.Law
asbestosclaims.law/library/12096/50

85% Magnesia

STEAM PIPE AND BOILER COVERINGS AND LOCOMOTIVE LAGGING



The Lightest Weight Steam Pipe and Boiler Covering Made

That is Structurally Strong and Permanently Effective

IS

"Ehret's 85% Magnesia"

Made at

VALLEY FORGE, PENNSYLVANIA

Since 1897

By

Ehret Magnesia Manufacturing Co.

Distributors Everywhere

BRANCH OFFICES

NEW YORK PHILADELPHIA CHICAGO

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Nodust Spinning Fibre

A fibre which will give you a greater ultimate yield of yarn saves you money in many unconsidered ways.

Firstly, for a given output, it saves warehouse space.

Secondly, by giving a larger yield it saves on handling charges and wear and tear of equipment.

Lastly, if it can be made dustfree it prevents annoyance to the workers and solves to a great extent the problem of wast disposal.

Nodust fibre will do this for YOU.

Consolidated Asbestos Limited

Canada Cement Building

Montreal, - Canada

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