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1924

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NORRISTOWN, PA.

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... ASBESTOS ...

A MONTHLY MARKET JOURNAL

DEVOTED TO THE INTERESTS OF THE ASBESTOS AND MAGNESIA INDUSTRIES

A. S. ROSSITER — EDITOR

PUBLISHING OFFICE

246 NORTH 17th STREET

PHILADELPHIA, - PENNSYLVANIA

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"Get Out Or Get In Line"

(*Contributed*)

Some twenty years ago a young man, out of work, applied to one of the largest Asbestos Companies. He was given a job in the Accounting Department and set to work learning the ABC's of Bookkeeping.

Study at night and close observation by day quickly gave him a fair comprehension of the work going on about him and within a few months he had the temerity to suggest certain changes in method which he thought would be improvements. He was courteously heard but—nothing happened.

A little later on, it chanced that the entire force was obliged to work several nights running, and, on one of these nights, this young fellow presumed to criticize certain methods which, to his notion, were chiefly responsible for the much hated night work.

The head of the Department listened patiently for a while, and then called out in a voice audible to everyone in the room, "Jones, read that epigram on the wall back of you."

Jones turned about, and there in large type he read:

"GET OUT OR GET IN LINE"

With the fate of this young man, we are not concerned, except to record that he never has, and never will forget that lesson.

Applying this little incident to the Asbestos Industry might be helpful.

Do *you* know men in our Industry who are peevish, dissatisfied, carping, always complaining about their competitors, claiming there is "nothing in asbestos" and so far as business is concerned generally conducting themselves in a boorish manner?

I do. And, unfortunately, for you and for me, those men are seriously impeding the progress of the entire Industry.

In spite of the pessimistic yelps, isn't it strange that there are but two recorded failures in Asbestos Manufacturing during the last twenty years, and one of these was caused by conditions which would have wrecked any business.

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The best evidence that we are engaged in an honest, upright, helpful industry, is found in a study of Johns-Manville Balance Sheets and Reports to Shareholders. If founded on a false basis, no business on earth could do, and continue to do, what J. M. has done and is doing.

If contemplation of J. M. doesn't convince you, look up Carey, Watson, Raybestos—almost any of the well-known, recognized leaders. Consider Turner Brothers of England.

True, conditions during the past three years have been most provoking, but will bitter complaining do any good?

Molasses always gets more flies than vinegar. Why not try it in business?

And, to those now in the Industry, who see no good in it, no prospect, no hope, why waste time? Get in some line where you can hope, and can be happy, at the same time making room for willing men who are handicapped by your melancholy.

"Get Out or Get in Line."

Building Contracts awarded during October, 1924, showed a decided increase over those for September. We tabulate the figures below:

	September	October
Number of Projects	11,231	12,447
Number of Buildings	11,890	13,406
New Floor Space	51,630,900	55,087,100
Valuation	344,316,300	410,090,800

The increases occurred principally in commercial, military and naval, residential, public buildings and public works and utilities, the other classes showing slight decreases. Industrial buildings showed an increase in floor space but a decrease in value.

In the modernization of Java's Railways, ten countries are supplying materials; the electrical apparatus, batteries, car seats and pneumatic door opening mechanism come from the United States, teakwood for the roofs from India, wood for the floors from France, all steel bodies from Holland, window glass, wheels and axles from Belgium and mahogany for the interior trim from Cuba. Switzerland is furnishing the wiring devices and Canada the asbestos linings. the truck springs coming from Germany and air brakes from England.

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Carey

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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

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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

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EDITORIALS

Christmas comes but once a year
Let us all be jolly
Send a bit of Christmas cheer
With each spray of holly.

The Christmas Spirit.

Once again the Christmas spirit is in the air.

The red of the holly berries, the mistletoe's waxy blossoms, the occasional snow flurries, the children's chatter and older folks laughter—all remind us that the happy day is coming.

The Christmas spirit is contagious. It is almost impossible to feel unkindly on Christmas. That day is made for joy, and kindness and happiness.

Everyone has a right to be happy, to be cheery, to do kindly deeds at all times, but the Christmas season is the only time when we unanimously claim that right.

The children are wiser than we—they are happy all the year, but just a bit jollier, a bit more gay, on Christmas.

Therefore, when the 24th of December comes, or mayhap before, let us all with one accord put away our worries, our grievances and our cares, and make this one day a happy one, both for those around us and for ourselves.

And the secret is that if you make someone else happy, someone's path a bit brighter, the light of their happiness will reflect to you.

The Christmas spirit is contagious—let us catch all of it we can.

The Asbestos Industry Contest.

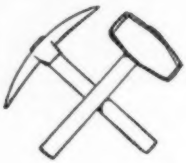
The July number of "ASBESTOS" announced the offering of prizes by the Asbestos Industry as a whole, for suggestions as to new uses for Asbestos Fibre and Products manufactured therefrom.

Only four replies were received up until the close of the contest, October 31st.

Richard V. Mattison, M. D., who was President of As-

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ARIZONA



CANADA

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Arizona Asbestos is entirely free from Iron

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IMPORT

EXPORT

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bestos Industries when the association was in existence, and who had suggested the contest, was asked to appoint judges so that the prizes might be awarded.

The judges appointed were R. V. Mattison, Jr., Vice-President and General Manager of the Keasbey & Mattison Company, Ambler, Pa. and C. J. Stover, President and Managing Director of Consolidated Asbestos Limited, Montreal, Canada. These two gentlemen met in the office of "ASBESTOS" during the early part of December, carefully read and considered the suggestions which had been received, and decided *that nothing in the suggestions offered was of sufficient interest or importance to warrant the giving of a prize.*

This being the case, the Contest is still open to all, and we hope that the next month or two will see someone capture some of the prizes offered.

Asbestos Discovered in Brazil

A report recently received by the U. S. Department of Commerce from Vice Consul Fred C. Eastin, Jr. Pernambuco, Brazil, dated October 8th, tells of an amianthus deposit recently discovered near the interior city of Rio Branco, Pernambuco, which is the terminus of the Central Branch of the Great Western of Brazil Railway.

The asbestos is reported to be pale yellow, of a fibrous silky structure, having the characteristic flexibility of a filament, and of a fair grade. The report further states that it is not affected by acid reagents, is not inflammable, and is fusible in the form of a globular residue when put to a very high temperature with a blow torch.

The deposit has not been investigated to any extent and it is not known in what quantities the mineral may be found. Since according to the report it is situated near the railroad, that fact will aid materially any commercial exploitation that may be undertaken.

"Asbestos" is endeavoring to obtain a specimen of this material and if successful in this effort we will advise our readers our opinion of its commercial value.



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The Life of Christopher Huber

Of all men who have been, or are, connected with the Asbestos Industry, we believe that Christopher Huber was the most universally respected and beloved.

Mr. Huber was of a kindly nature—who of us does not remember his genial smile—and as such he left an impress on the Industry which perhaps no other man ever has, or will, approximate.

Mr. Huber was born in Niederhofen, Wurtemburg,

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Germany, on December 8th, 1847. He came to America in 1856, and lived in Boston, Mass. When he was about fourteen years old he was apprenticed to a currier. In 1861, at the outbreak of the Civil War he tried to enlist in the Northern Army but was unsuccessful because of his youth. When seventeen years old he was apprenticed to a tanner.

In 1871 he came to Philadelphia and engaged in the manufacture of lenses for eye-glasses, and during his work in that line, in 1882 to be exact, he ground what is claimed to be the first bifocal lens ever made. He became President of the Philadelphia Optical & Watch Company in 1883, and three years later became owner of the McAllister Optical Company, a firm then a hundred years old.

It was not until 1899, when he was fifty-two years old, that Mr. Huber became interested in Asbestos thru Mr. George Schafenacker, becoming Mr. Schafenacker's partner in the Fibre Spinning Company, with plant at North Wales, Pa., which was being organized for the purpose of spinning various fibres, chiefly Asbestos.

In 1903 the North Wales Company was incorporated under the name of the Asbestos Fibre Spinning Company, and Mr. Huber made President of that Company, which office he held until his death a few weeks ago.

Besides his Asbestos connections, Mr. Huber was a member of the Board of Directors of the Gottshalk Manufacturing Company of Philadelphia, manufacturers of Electrical Cordage; a Director of the Glenside Building and Loan Association, which he helped to organize 22 years ago and served as treasurer for several years; a Director of the Glenside Trust Company; a member of the Stephen Girard Lodge, No. 450, Free and Accepted Masons, for nearly forty years, a member of the Masonic Veterans, the Manufacturers Club of Philadelphia, and an active member and worker of the First German M. E. Church in Philadelphia, as well as the Glenside M. E. Church at Glenside, Pennsylvania.

Mr. Huber's life was an active one to the very end. He was taken ill at a Director's meeting in Philadelphia, on Wednesday evening, November 19th, and died of cerebral hemorrhage, at his home in Glenside, early in the morning of November 20th. He is survived by a widow, Mrs. Catherine A. Huber, and three sons, George C., Harry D., and Dr. William H. Huber.

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This page devoted each month to discussion of brake lining activities by A. A. Mowbray, Commissioner of the Asbestos Brake Lining Association.

"Interesting if true" is the mental comment I always make when the latest product of the rumor factory reaches me.

Checking up on the various tales that I hear reveals that nine out of every ten are not correct. For instance:

There was a rumor to the effect that a well-known brake lining company had declared a marked change in prices. This proved to be without any foundation.

Another story was to the effect that a manufacturer had complained to the Federal Trade Commission about the tactics of another manufacturer. This also was incorrect.

Still another yarn alleged that a well-known executive had been let out by a manufacturer in a heartless manner. The other side of the case evidenced that the man in question had received every consideration.

Then there are countless rumors to the effect that certain companies may suspend operations any day, that they are not paying their bills and cannot get any credit.

Space will not permit further instances.

It will be a wonderful era when manufacturers hearing that other manufacturers are circulating stories about them, will go direct to the persons in question to ascertain the truth of the allegations, instead of nursing a grievance which often is without any foundation. Tales frequently are twisted in the telling. An innocent remark many times repeated may become so garbled that serious damage is done.

The ladies have no monoply on the popular appreciation of gossip. All of us are human and all of us like to hear the latest news about people we know. But none of us should circulate rumors that are disparaging to the other fellow.

The men in the brake lining industry are not nearly as black as they are painted and many of them are not responsible for the quotations attributed to them. The next time you hear that so-and-so has said such-and-such a thing about you, investigate the matter before holding it against him. Give the other fellow the benefit of the doubt, always.

Here's my offer: If you ever hear me say anything derogatory about any manufacturer, irrespective of his trade association affiliations I'll buy you a box of good cigars. And I hope I'll have to buy a couple of boxes so as to learn a lesson.

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HIGH GRADE ASBESTOS TEXTILES

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Plain and Metallic Cloths
Braided and Woven Tapes
Braided Tubings
Woven Sheet Packings
Woven Brake Linings
Gloves, Mittens, Leggins
Gaskets, Seamless and Jointed
Packings, Stem and High Pressure
Wick and Rope

Asbestos Fibre Spinning Company

North Wales, Penna.

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Asbestophalt—The Ideal Pavement

By Isabel Diehl, *Spokane, Washington*

The desire of all autoists is for pavement that will neither crack nor wear into ruts; a pavement that will be practically permanent, smooth and ideally beautiful. Experiments with Asbestophalt testify that such a pavement has been found.

All good pavements consist of two layers—the foundation or load carrying layer and the surface or wear-resisting layer. The one important qualification of the founda-



ASBESTOS PAVEMENT

Corlies Avenue, Allenhurst, N. J.
Laid in 1921. Photo taken April 24, 1924

tion must be rigidity. It must support the surface. The great requirement of the surface layer is smoothness.

A road today must be smooth, since the autoist is the chief user of roadways. All users of roads want a pavement on which they can travel at any rate of speed they wish without being jolted, jarred or without racking their machines.

We must not only have a smooth road, but it must be

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permanently smooth. This depends first upon a strong, rigid foundation. and second upon a tough, non-resisting, non-cracking surface. Asbestophalt is a mixture of two parts of bitumen with one part of Amphibole asbestos fibre, one-quarter inch long and even shorter, and coarse, clean sand. The asbestos changes the whole nature of the bitumen or asphalt, because it can be divided into fibres of 5-1000 of an inch and thinner. On account of this, the fibres all become thoroly saturated with the asphalt, and mat together, making a felt like structure, which is very tough and much like leather or rubber. It can neither be cracked nor worn into ruts, even by heavy traffic, as any test will show. The asbestos reinforces the asphalt, and does not destroy its cement-like properties, as finely divided mineral matter does, but increases them.

The sand used is the kind considered best for Portland cement concrete. It is from one-quarter inch or one-eighth inch down to fifty or eighty, and having always in it two or three per cent of fine sand. About seventy-five per cent of this sand is mixed by any suitable means with the bitumen-soaked asbestos, and is then laid in the usual way at a temperature of from 350 to 400 degrees Fahrenheit, one inch thick, and in some instances only three-quarters of an inch thick, upon any good, firm foundation. In this tough layer there is from twelve to fifteen per cent of bitumen, depending upon the nature of the sand; more bitumen than any pavement mixture has ever had.

The wear-resisting qualities of the bitumen are made nearly ten times as great by the presence of the asbestos fibre, which prevents cracking. It is stiffened and kept from rutting by the mineral aggregate.

This mixture gives an ideally smooth pavement, which *remains* smooth, and gives the qualities which experience and a study of the paving art have taught that a pavement must have in order to stand the traffic of today.

Cities whose streets are paved with Asbestophalt, will not have the shabby appearance, which we see with the present pavements full of cracks and ruts. neither will they have to undergo the great expense of constant repairs

The toughness of Asbestophalt makes it possible to resurface old roads (in which depressions are filled with a

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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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suitable binder) with very little change of grade, making an excellent roadway at a moderate cost.

On account of the high percentage of bitumen, the indestructibility of asbestos and the permanency of the mineral aggregate, old mixtures, that are removed for surface openings, can be reheated and relaid.

For four or more years, Asbestophalt has been laid as a resurfacing material, because it is easier to get an engineer to try a one inch mixture for surfacing on an old road than on a new one.

All test specimens have stood up without wear or rutting. If it lasts there, it will last on new roads.

Lay a small area of half a block or a whole block. In another year lay a few blocks of new construction. Try it, watch it and let the public have the benefit of it.

August E. Schutte of Boston, is the inventor and patentee, and Warren Brothers Company, 9 Cambridge Street, Boston, Mass., is the exclusive licensee of the patents used in the consideration of Asbestophalt pavement.

"CENSUS OF ASBESTOS MANUFACTURERS"

A report just received from the U. S. Department of Commerce giving a census for the year 1923 of the manufacturers of Asbestos Products, exclusive of Asbestos Textiles, is of some interest.

The number of establishments reporting for this census was 26, wage earners employed 2,005, with wages totalling $2,421,808. The total value of the products manufactured was $12,270,205, divided into three parts, viz: Building materials $8,252,110, Mats and pads $527,452 and "all other products," $3,590,643.

A footnote explains that "all other products" includes asbestos packing and insulating materials, flags and pennants, blackboard erasers, pincushions paper and household specialties.

Preliminary reports as to production of automobiles in November put the total at 248,113, against 289,333 in October, 1924, and 313,012 in November, 1923.

The National Automobile Chamber of Commerce, of New York, thru which this report comes, states that conditions are felt by the trade to be on an excellent basis. The total for the first nine months of 1924 is within 9% of that for 1923—in other words the second best record in the history of the automobile business.

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Season's Greetings

and

Thanks for Your Business During the Past Year

B. MARCUSE

Sales Dept.

Asbestos Mines Limited
Maple Leaf Asbestos Corp. Ltd.
Black Lake Asbestos & Chrome Co. Ltd.

NEW YORK CITY

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CONTRACTORS AND DISTRIBUTORS PAGE

THE CONTRACTORS ASSOCIATION—AND ITS DEALINGS WITH LABOR

Some weeks ago we sent out a bulletin to pipe covering contractors all over the country, in an endeavor to learn in what cities the contractors were banded together in an association, or a league, and just what functions these associations or leagues performed.

If we had expected to learn, as the result of this circular, of some new or unique plan followed by one association or another, we would have been disappointed.

In many of the cities addressed, no associations of employers are existent, the contractors regarding them as unnecessary; in others, the contractors frankly state that an association would be advantageous but for one reason or another none has ever been organized; still others, of course, have associations functioning.

As a matter of fact, without exception, the associations have been formed and are functioning in order to present an undivided front to labor, and therefore, in some instances, practically the only function being performed by the association is the handling of labor by the contractors as a unit, the secretary of the association, or possibly a committee, acting for all the contractors.

Undoubtedly it is advantageous to act as a unit when dealing with labor—not because of the added strength to resist labor's demands, but because it is almost impossible to secure unanimity when each contractor acts for himself. Labor is, naturally, quick to recognize this and to take advantage of any variance so caused. Likewise, when the contractors act as a unit, labor just as quickly realizes that their best bet is to make their demands dovetail to some extent into the plans, purposes and wishes of the contractors. And the happy medium thus secured appears to work out very well.

Another advantage of the contractors' association in its dealings with labor, is the careful tab which it is possible to keep on the workers. If a worker is a malcontent, or a breeder of discontent in the ranks of one shop, the other shop knows it, and such knowledge prevents the circulation of that particular worker from one shop to another with the consequent evil effect on all the men.

Careful records kept on each worker, ready on call by the members of the association, do much to lessen the labor turnover. A man who knows his record is kept and can be obtained by any shop in the city, is much more careful, in the first place, to have the record clean, and in the second place he is more

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likely to stick to one shop instead of floating around thruout the different shops.

Some associations work a sort of exchange of labor, also. If one shop is particularly pressed by the urgency of some job and is unable to obtain enough men in the open market to do the work in the time required, he borrows a man or two from some of the other shops which are not so busy. After the press of work is over the man is returned to the shop from which he came. The advantages of such an exchange can be readily seen, it nearly always benefitting both the borrowing and the lending shop without disruption of the working forces in either.

These are just a few of the many ways in which the contractors' association helps. We hope our readers will suggest others which can be made the basis of articles to appear on this page during the forthcoming months.



Rhodesia[1].

Bulawayo District—

	August 1924 Tons	Value
Nil Desperandum (Afr. Asb. Min. Co., Ltd.)	567	£ 8,473
Pangani (J. S. Hancock)	30	324
Shabanie (Rho. & Gen. Asb. Corp., Ltd.) ...	1,090	27,270
Shabanie (bulk sample from Rock Plant) ..	11	109
Victoria District—		
Gath's (R & Gen. Asb. Corp., Ltd.)	371	9,286
King (R. & Gen. Asb. Corp., Ltd.)	252	5,045
	2,321	£50,507

Union of South Africa[2].

	August 1924 Tons	Value
Transvaal	514	£ 7,804
Cape Colony	312	3,784
	826	£11,588

During August, 1923, 634 tons were produced, valued at £10,381.

1 Figures published by Rhodesia Chamber of Mines.

2 Figures published by Department of Mines and Industries for the Union of South Africa.

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"CAPE" BLUE ASBESTOS

POSSESSES
DURABLE & NON-CONDUCTING QUALITIES
unequalled by any other asbestos, besides which it has:

(1). Greater tensile strength
(2) Greater specific volume
(3) Greater resiliency

SPECIALTIES:—

ALL CHEMICALLY PURE i. e. 100% ASBESTOS

"Pluto" Blue Asbestos **Mattresses** for Locomotive and Marine Boilers, etc.

Blue **Cloth** for Acid Filtration

"Bluejacket" **Sectional Covering** for pipes
(100% Asbestos)

THE RAW MATERIAL IS GRADED AS FOLLOWS:

"S" Crude from ¼ in. to ½ in. in length of fibre
"A" Crude from ½ in. to ¾ in. in length of fibre
"B" Crude from ¾ in. upwards in length of fibre

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Guildhall Annexe · 23 King Street · London E.C
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Telegrams:— "Incorrupt," London. Telephone City 6937

Sole Representatives for the sale of blue manufactured goods in America. — The United States Asbestos Co. Manheim, Penna.

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MARKET CONDITIONS

Even the short period of time which has elapsed since November 4th, has served to show that those who optimistically predicted good times if Coolidge were chosen, did not go very far wrong.

It is still too early to see the effects of the election in *all* lines, but the trend of the fundamentals—steel, textiles, etc., is undoubtedly toward good business in practically every field.

We are particularly impressed by a paragraph in "Forbes" comments on the business situation. It reads: "All indications are that manufacturers, merchants, importers and others should think twice before acting on the assumption that it will continue to be easy to place goods at the present level of prices and to have their orders filled promptly and transported equally promptly. Delays in preparing for substantially broader business are likely to prove dangerous and costly."

A report just received from England says:

"The election last month of the new Conservative Government in England has undoubtedly inspired a certain amount of confidence among the business community. The iron, steel, engineering and textile trades all report increasing business, altho on a moderate scale, and as a result the Asbestos Industry is bound to benefit to a corresponding extent. Projects for new works, which have been lying dormant owing to the political situation are now being speeded forward and inquiries certainly show 'a certain liveliness,' which has been absent from the market for some time."

Reports from Italy indicate that the asbestos factories in that country are very heavily engaged at the present moment. Labor is scarce and in consequence a general demand has been made for increased wages.

Asbestos is one of the lines which reacts very slowly to any progression or recession in the general market, but every one to whom we talk is optimistic, and states that undoubtedly the Asbestos business will improve during 1925.

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ASBESTOS

We prepare

ASBESTOS

Canadian Crude
White Rhodesian
Yellow or Blue
South African

For Your Particular Requirements

ASBESTOS LIMITED
8 West 40th Street : New York City
Works: MILLINGTON, N. J.

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Raw Material

There has been little change in the raw material market, with the exception that a more optimistic tone prevails among certain of the producers.

It is a curious fact, but nevertheless true, that almost every manufacturer of Asbertos Goods believes that if the prices on Asbestos Crudes and Fibres advanced, the prices on manufactured Asbestos Goods would show an even more marked advance and the period of cut prices would be practically over. We have heard this statement made times without number by manufacturers in both the textile and paper lines. One man has even gone so far as to express disappointment that more progress is not being made in the effort of Canadian Producers to have the Canadian or British Government control prices on Asbestos Crudes and Fibres.

If such be the case, how foolish are the Asbestos Producers for practically giving away their material when the buyers are really desirous of higher prices in the raw material end.

We believe, however, that the time will soon come when for one reason or another, Asbestos Fibre prices will advance.

Insulation.

The insulation business is reported as being good but not of a startling nature. A few orders held up for election have come thru, but the real effects of the election will not be seen in this line until later. Most insulation contractors seem to be well satisfied with the year as a whole, and are looking forward to improved business in 1925.

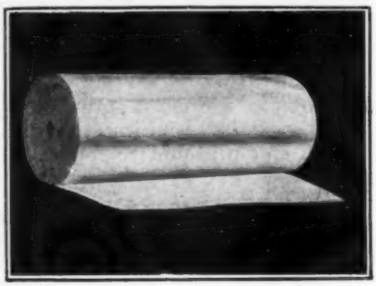
Textiles.

The textile line is reported by most people as being somewhat spotty. Periods of several days with little or no business showing, will suddenly end with good sized orders. While the textile business has been nothing to brag about during 1924, most manufacturers predict better business during the coming year.

Brake Lining

Demand continues good and the association of brake lining manufacturers is not ceasing its publicity efforts, a fact which can be taken to mean that good demand will continue.

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Sal-Mo Asbestos Paper

Write for Samples and Prices

SAL-MO PRODUCTS

Inquiries Receive Quick and Courteous Attention

The Mark to Buy Asbestos By

Manufacturers

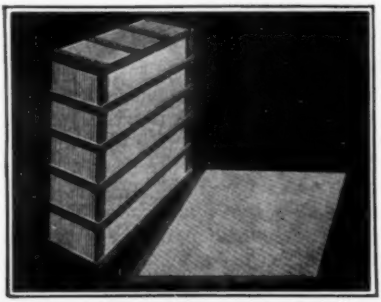
Sall Mountain COMPANY

140 S. Dearborn St. CHICAGO, ILL.

EASTERN OFFICE AND FACTORY
SCRANTON, PA.

BOSTON OFFICE
177 STATE ST.

Sal-Mo Asbestos Millboard



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Paper and Millboard.

Little or no change can be reported in this line. Here again manufacturers are found to be looking forward to good business in 1925 and preparing accordingly.

Shingles.

Naturally the winter months are off months in the shingles business. If building statistics indicate anything, however, the winter seasonal slump should be followed by an exceedingly good spring trade.

Summary.

On the whole optimism prevails, which is quarter, if not half the battle. 1925 should show much improvement in all lines—and we believe it will.

Dr. Mattison's Opinion on the Government Protection Idea

Editor's Note: In our November issue we quoted, under the title "The Needs of the Canadian Asbestos Industry," extracts taken from the Financial Post, Toronto.

It is the earnest desire of "ASBESTOS" at all times, to remain neutral in discussions of circumstances, situations or operations concerning the Asbestos Industry, and we therefore aim to present matter similar to that quoted from the Financial Post, in a thoroly impartial manner, letting our readers draw their own conclusions. If at any time we appear to depart from this rule, our readers may consider it entirely unintentional.

The following criticism of the article appearing in the Financial Post, has been sent us by Richard V. Mattison, M. D., who needs no introduction to any of our readers:

"I cannot help but ask you if your experience does not lead you to refrain from advocating such stuff as is quoted for instance, from the Financial Post of October 24th last, and which you seem thru your editorial matter to endorse? I refer to the paragraph stating in effect, that in your opinion the Dominion or Provincial Government should enter into an agreement with the British or Rhodesian, Transvaal, or other Governments, which would tend to stabilize the Asbestos Mining Industry, by establishing rates of production, maintaining fixed prices of Asbestos in the markets of the World, at such levels as the mine owners would

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like to have, such prices being considered as *"fair prices."* Whether the consumers of Asbestos thruout the World would consider the prices of Asbestos thus established, as being *fair*, is quite another question. Probably not, and they would appeal to their legislative representatives to upset any arrangements which the Government officials might enter into.

"We would call such an upsetting of the law of supply and demand the rankest kind of legislative folly, and noting the great similarity between the world-wide situation of copper and the world-wide situation of Asbestos, we call your attention to an article, which appeared in the Philadelphia Evening Bulletin of Saturday evening last (November 15th) describing the future of the world's copper production and consequent copper market, and the financial trouble which will ensue to the copper producers in the United States, we believing that the tremendous enlargement of plant, and consequent production of copper in the Congo District of South Africa will be apt to close permanently, three quarters of the copper mines of the United States.

"This is distinctly parallel to the present Asbestos situation, the Asbestos mines of Canada being closed by South African mines, which are run at a considerably less labor cost than can be done with the mines in Canada.

"Do you think in the case of the cheaper production of copper, that the Governments of the United States and Belgium should fix the price of copper—as is urged for Asbestos—so that the world-wide users of this metal should be forced to pay an artificial tribute to those owners of copper mines, that are less favorably situated than are those producers in Chile, India or the Congo region of Central Africa?

"With my knowledge of the general fairness of 'ASBESTOS,' I do not believe you would endorse any such lunatic's dream of attempting to upset the natural trend of the world's economics."

RICHARD V. MATTISON, M. D., President,
Keasbey & Mattison Company.

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Mining Engineer Brigham Prescribes for the Industry

By Alexander Gray

During a recent visit to Montreal, A. F. Brigham, General Manager of Hollinger Consolidated Gold Mines—greatest of their kind on this Continent—was asked what he thought of the Asbestos Industry of Quebec and their outlook.

Mr. Brigham is a graduate of Lehigh, and began his operating career in the coal fields of Pennsylvania. Afterwards he went to South Africa where he was prominent in the development of the coal industry and had charge of various De Beers diamond mines.

Some time ago Mr. Brigham made a tour of the Asbestos Mines, and upon being asked what he thought of them he rather reluctantly gave his opinion, for he was not directly interested other than as a technical man accustomed to swing tonnage and keep the economies in sight.

While in South Africa he was more or less familiar with the Rhodesian and Cape Colony situations, the Kimberley diamond mines being in the serpentines, similar in many ways to the rocks containing asbestos.

Briefly, Mr. Brigham said: "There are too many mines and mills, too many sales managers breaking their necks to get markets for their materials. From a mining standpoint, it is the easiest thing I know of to break that rock at a minimum of cost and make the largest recovery of the fibrous contents. According to the statistics each of the 3,700,000 tons of rock mined is worth so much. The quantities are fixed. It costs so much to mine and mill—and markets must conform to that factor. I understand a great deal of material is being carried in inventories or is being disposed of at average prices that present little or no profit, if not a loss. A few companies have the choicest properties. They are equipped to serve what markets there are or may be. A great industry has been going wrong because of combined circumstances, unreasoning competition, over-production that is wasteful, and the inability or indisposition of otherwise sensible, capable business men to adjust their

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Allbestos Corporation

High Grade Asbestos Textiles

Yarns, Brake Linings
Clutch Facings
Listings
Plain and Metallic Asbestos Cloth
Wick, Rope and Asbestos Specialties

Manufactured directly from the raw materials to the finished product in our own factory.

Belfield Ave. and Fisher's Lane
LOGAN, PHILADELPHIA

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differences, curtail production, pool their products, close down on what is causing the mischief.

"If I had the authority, I would amalgamate, stop the waste, standardize the products, and make the prices suit every department of the trade. Offhand, I might say about three quarters of the asbestos mines could be closed down. It would be an economy of far-reaching importance. Were it not tragic to have altogether unnecessary overproduction, it would be ridiculous.

"Mining and manufacturing asbestos is a business where capital must get its return on the turnover. It is not for me to say whether the mining practice is all it should be. More than enough mills and the rivalries they create, leave the solution with those who are to blame for what is going on. To my mind it is folly not to combine interests and to exclude those who would add to the demoralization."

Mineral Wool—The New Insulation Material

Perhaps, strictly speaking, we should not label Mineral Wool as a new material, for mineral wool itself has been known for a long time, and every furnaceman and plumber is doubtless familiar with it. It is, in fact, well known as an insulator, but difficulty in handling has, up until recently, limited the field.

A previous issue gave some information on "Therminsul," and we learn of a product manufactured in Los Angeles, under the name "Woolbestos," both of these having mineral wool as their base.

This present article will tell of the *Minwool Furnace Overcoat*, manufactured by the Minwool Company, with general offices in the Association of Commerce Building, Grand Rapids, Mich., the information, as well as a specimen of the material for our exhibit, having been furnished thru the courtesy of the company.

The Minwool Furnace Overcoat is, briefly, mineral wool made into a pliable felt. The process of felting the mineral wool having been successfully accomplished, it gives

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BASIC MANUFACTURERS OF

PACKINGS

FOR

PACKING COMPANIES

Compressed Sheet Packing
High Pressure Packings
Gaskets & Gasketing Material
Metallic Sheet Packing
Valve Stem Packing
Braided Asbestos Packings

ASBESTOS TEXTILE CO.

MILLS
North Brookfield
Mass.

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

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this insulator an even show with other insulating materials so far as ease of application is concerned, and its manufacturers claim high efficiency.

The Minwool Furnace Overcoat consists of a ¾ inch felt of Minwool placed over the entire casing of a warm air furnace. This insulation, according to the Bureau of Standards (U. S. Government) reports, gives the same efficiency as would be obtained by an application of 4½ inches of Asbestos Cement.

After the Minwool insulation is applied, it is covered with a canvas which is drawn tight and smooth, and treated to make it fire and water proof.

Minwool insulation for the furnace seems to have several merits in its favor. To begin with, it is absolutely fire proof, which eliminates any possibility of fire hazard. It does not absorb atmospheric moisture, which means that it will not rust out the furnace casing. Its ease in application, one man being able to apply an Overcoat to the average size furnace in approximately four hours, also lends interest to the consideration of this product.

Minwool insulation gives marked fuel saving, reduces excessive basement temperatures and will prolong the life of the furnace, as it need not be fired as heavily during severe weather.

The insulation is applied to the casing only, and not to the warm air pipes, unless such pipes pass thru fruit cellars or trável a considerable distance from the bonnet, in which cases a Minwool covering on the pipes gives good results.

Pipes generally are not covered for two reasons: In the first place insulation is advisable only when the saving effected warrants the cost of installing the insulator. Results of tests made by the Minwool Company indicate that the installation cost would be too high for results obtained. In the second place, adequate insulation of the casing makes it necessary for some heat to escape into the basement from another source. The warm air pipes supply the heat needed in the basement, in the desired amount.

Another very important feature of the Minwool Furnace Overcoat is that it is dustproof. Cracks in the furnace casing and other openings suck in a great deal of basement dust and dirt, which is carried into the rooms above thru the warm air pipes, and spoils the decorations. The Min-

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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

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wool Furnace Overcoat stops all of these openings and completely does away with this very undesirable condition.

The removal of a Minwool Overcoat in order to recement the furnace, or for other purpose, is a very easy matter. It is simply cut along the casing joints and the casing sections carefully removed with the Overcoat attached. Then, when the casing is replaced, a strip of canvas is pasted over the cuts in the overcoat and the insulation is as good as new.

The Minwool Furnace Overcoat is particularly efficient where oil burners are installed in warm air furnaces. In the first place Minwool has very decided sound deadening qualities and when a blanket of Minwool is placed over the entire outside of the furnace, it does away with the very objectionable noise, caused by combustion, in many of these oil burner installations.

Besides its sound deadening qualities, the fuel saving and reduction in wear and tear on the furnace, due to the principle of operation of the oil burner makes a Minwool Furnace Overcoat very desirable. With the automatic type of burner, which has a thermostat control, a very intense heat is produced inside the furnace when the burner is in operation. In many instances, the furnace casing gets quite hot, and there is a large radiation of heat. As soon as the temperature in the room where the thermostat is located reaches a given point, the burner shuts off and no heat is being generated inside the furnace. The castings on the inside gradually cool down and then, when the temperature in the room drops to a given point, the burner lights up again.

The Minwool Furnace Overcoat will prevent heat radiation while the burner is in opertaion, and after the burner has shut off, the Overcoat will likewise retain the heat inside the casing very much longer, which means, of course, a material reduction in the number of times the oil burner will operate during a given period of time, resulting in great fuel saving and reducing the wear and tear on the furnace, for the expansion and contraction caused by the heating and cooling of the castings does the greatest amount of damage to the furnace.

The Minwool Furnace Overcoat sells for a very reasonable price, and is within the reach of everyone owning a heating plant.

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Asbestos Fibre

for the manufacture of

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

THE QUEBEC ASBESTOS CORPORATION

Office and Mines
EAST BROUGHTON, PROVINCE *of* QUEBEC
CANADA

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Imports into U. S. A.

Unmanufactured Asbestos:

	September 1923		September 1924	
	Tons	Value	Tons	Value
Canada	17,425	$551,250	13,516	$443,757
England	96	16,841	..	...
Germany	..	..	1	159
Italy	..	55	..	...
Brazil	..	43	..	...
Br. S. Africa	..	..	39	4,885
Port. E. Africa	225	63,432	90	17,509
Other Port. Africa	..	.....	22	3,026
Total	17,746	$631,621	13,668	$469,336

Of the above the Canadian material imported during September of this year consisted of 1,477 tons of Crude, 3,849 tons Mill Fibre, and 8,190 tons other grades, this according to the customs classification. The African material was all Crude.

Manufactured Asbestos:

	September 1924	
	Pounds	Value
Yarn—		
Germany	660	$ 655
Fabrics, Woven—		
England	2,614	1,166
Canada	3	2
Packing, Fabric—		
England	101	109
Packing, not Fabric—		
England	661	282
Paper and Millboard—		
France (entering Porto Rico)	309	323
Shingles, Slate, Wood or Lumber—		
Belgium	390,695	5,017
Canada	500	22
France	30,000	776
Germany	107,306	2,598
Asbestos Cement—		
Italy	1,400	18
England	1,857	434

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Other Manufactures—		
Belgium	654,550	16,289
France	100	46
Germany	21,962	320
Italy	78,806	506
Netherlands	103,800	1,960
England	10,023	3,768
Canada	140	69
(Total Other Manufactures)	869,381	$22,958
Grand Total	1,405,487	$34,360

During September 1923, 1,709,090 pounds of manufactured Asbestos were imported, valued at $36,007.00.

Exports from U. S. A.

Exports of unmanufactured Asbestos for the month of September, 1924, amounted to 109 tons, valued at $12,576; compared with September, 1923, 82 tons, valued at $5,294.

Exports of manufactured Asbestos goods:

	September 1923		September 1924	
	Pounds	Value	Pounds	Value
Paper, mlbd. & rlbd.	382,780	$20,988	43,605	$ 4,822
Pipe Covg. & Cement	428,798	30,237	258,930	16,195
Textiles, Yarn & Pkg.	108,736	63,965	136,917	79,168
Magnesia & Mfrs. of	339,500	24,904	164,081	13,790
Asbestos Roofing	9,207 sqs.	38,349	3,208 sqs.	20,047
Other Manufactures	419,699	75,286	167,861	61,732

Exports from Canada (Raw Asbestos).

	August 1923		August 1924	
	Tons	Value	Tons	Value
United Kingdom	245	$ 10,383	472	$ 24,695
United States	10,407	449,085	4,239	258,572
Australia	...	.....	40	1,950
Belgium	525	29,263	...	.....
France	505	34,988	557	44,750
Germany	770	54,060	736	62,350
Italy	78	5,725	125	7,500
Japan	380	24,325	180	13,265
Netherlands	60	8,550	...	.....
Other Countries	..	....	...	.....
Total	12,970	$616,379	6,349	$413,082
Sand and Waste—				
United Kingdom	....	.....	439	$ 7,517
United States	6,936	$ 84,183	8,253	106,501
Belgium	..	...	..	...
France	30	600	30	600
Germany	80	1,350	30	450

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Other Countries	..	....	20	300
Total	7,046	$86,133	8,772	$115,368
Grand Total	20,016	$702,512	15,121	$528,450

Imports and Exports by England.

Imports of raw material for September, 1924, compared with those for September 1923:

	September 1923		September 1924	
	Tons	Value	Tons	Value
From Rhodesia	686	£23,784	661	£21.988
From Canada	611	9,586	774	9,041
From Other Countries ...	539	9,236	245	5,856
	1,836	£42,606	1,680	£36,885
Re-exports	615	20,599	723	22,672

Exports of manufactured asbestos materials, during September, 1924, compared with those for September, 1923:

	September 1923		September 1924	
	Tons	Value	Tons	Value
To Netherlands	20	£ 2,686	30	£ 3,430
To France	20	8,033	36	8,441
To U. S. A.	6	2,582	8	1,694
To British India	64	7,925	92	6,643
To Other Countries	820	56,160	1,303	57,030
	930	£77,386	1,469	£77,238

The Asbestos Industry in Finland

(*Reprinted from the India Rubber Journal of September 27th*, 1924.)

The principal asbestos finds in Finland are situated at Paakkila, Tuusniemi, near the town of Kuopio. They were known as far back as in the 17th century, the asbestos being used by the local inhabitants for building purposes, wherever fireproof material was required.

A first attempt at establishing an asbestos industry in Finland was made by the Danish firm of Smidth and Company, who built a factory for this purpose at Paakkila. Owing to transport difficulties, which made the cost of production too heavy, the factory was compelled to close down within a few years. The transport facilities have, however,

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since been improved, and are now more favorable to the asbestos industry.

In 1917 the firm of Suomen Mineraali O. Y., Helsingfors, acquired a majority of the shares in the Suomen Asbesti O. Y. (the Finnish Asbestos Co., Ltd.). Active operations recommenced in 1918, but were first confined to the mining of the raw material for export to Germany. Later, however, the manufacture of asbestos fibre and asbestos flour was taken up, the yearly production of which now amounts to about 3,000 tons. The export has mainly been directed to Germany and, later also, to England.

The applications of asbestos in the building trade have not escaped attention, and a factory for the manufacture of asbestos boards, etc., has been established. This commenced operations on June 1st, 1923. The principal manufactures so far are: asbestos insulating composition, asbestos boards, asbestos cement sheets, machine packing (all kinds), asbestos gloves, and asbestos suits. The factory also intends to manufacture asbestos mattresses. The Finnish asbestos boards are of good quality. As to the asbestos cement sheets, they are of very strong quality, but are so far only made for the making of walls. They are manufactured in 1,000 mm. by 800 mm. sheets (40 in. by 32 in.) and are very practicable and useful in that they can be sawed, nailed, and even carved. The asbestos cement sheets may thus in many instances be used to replace plywood, particularly where fireproof and waterproof material is required.

The production of the asbestos factory in question is estimated to be able to satisfy the requirements of the whole country, and with regard to asbestos boards there will be some over even for export.

The asbestos industry in Finland, however, is only young as yet, but with the raw material, which is of good quality, to be found in the country it should have a prosperous future.

The New York Automobile Show will be held at the Bronx Armory January 2nd to 10th, 1925; the Philadelphia Show will be held at the Commercial Museum January 10th to 17th, 1925.

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NEWS OF THE INDUSTRY

Birthdays. Our birthday list this month includes the names of George N. Clark President, Clark Asbestos Company, R. L. Clark, General Manager of the same company, and W. H. Huber, M. D., Secretary-Treasurer, Asbestos Fibre Spinning Company, whose birthdays all occur on the same day of the month, December 22nd, but in different years; Richard B. Engle, Secretary-Treasurer, Crandall Packing Company, January 3rd; and Warren Car-Skaden, President, Argo Asbestos & Rubber Corporation, January 7th. To all these gentlemen we extend hearty congratulations and good wishes.

Mr. Sydney L. Plant, President of the Plant Rubber & Asbestos Works, San Francisco, Calif., during his recent visit to the East was kind enough to call at the office of "ASBESTOS," look over our exhibit of specimens and chat with us concerning the Industry's outlook.

Sir Samuel Turner, J. P., of Chaseley, Rochdale, England, of Turner Bros. Asbestos Company, Lld. and Turner and Newall, Ltd., who died on August 11th at Harrogate, left an estate of the gross value of £496,644, with net personalty £490,796. It is estimated that the duties on the property at this valuation will amount to about £144,000. He left £5,000 to the United Methodist Trustees for a Sir Samuel Turner bequest, of which the annual income is to be paid to the trustees of the United Methodist Chapel, Baillie Street, Rochdale; £4,000 to the National Children's Home and Orphanage, with the request, but creating no trust in the matter, that it be used for the erection of an additional home for orphans; £3,000 to the Rochdale Infirmary for the endowment fund; £1,000 to the Rochdale District Nursing Association for the endowment fund; £1,000 to the Rochdale Crippled Children's Union for the endowment fund; £500 to the Rochdale District Society for Visiting and Instructing the Blind for the endowment fund—From The India Rubber Journal.

Arizona Asbestos Mines tho mostly inactive, are working to some small extent, as evidenced by the report of a contract placed with the San Carlos Asbestos Company, for their stock on hand and output for the coming nine months.

The Asbestos Industry in Russia, is the title of an article appearing in the November 8th issue of the India Rubber Journal. The information contained in the article is taken from the Russian Information and Review.

Asbestos Mines Limited, has recently issued from its New York Sales Office a reprint of an article "Giving the World Asbestos" which appeared in a recent issue of the Financial Post, Toronto.

Asbestos Association Limited. Some of our readers may not know that there exists in England the Asbestos Association Lim-

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ited. This Association, so we are informed, was originally organized for the protection of the asbestos interests during the war, and for the pooling of purchases of Asbestos. At present the function of the Association seems to be the discussion of wage questions and other points of common interest. The general secretaries of the Association are Chas. W. Rooke & Co., of London.

The Beldam Packing & Rubber Company, of London, has recently registered the trade mark "Harlequin" as applying to engine and machine packings and jointings made by them.

The Shabanie Mine, owned by the Rhodesian & General Asbestos Corporation, Limited, is at the present time handling over 60,000 tons of rock per month, the output in actual asbestos averaging over 1,000 tons per month.

The Rhodesian & General Asbestos Corporation, Limited, during July, produced 80% of the total Rhodesian Asbestos output. The acquisition of the Birthday and other Mines, mentioned in the November issue, will therefore enable this company to control a very large proportion of the total Rhodesian production.

The British Asbestos & Chrome Company, which owns nine blocks of claims in the Lomagundi district of Southern Rhodesia, reports that development work is proceeding and that a small dressing plant has been installed on the property. The quality of the fibre is said to be excellent.

Capamianto, Turin. The Societa Italiana Ammoniaca Sintetica, recently published a handsomely illustrated booklet, in which reference is made to the fact that the asbestos diaphragms used in the Casale process are furnished by Capamianto, S. A. I., Turin; in other words the Italian factory of Cape Asbestos Company, Limited.

Elo Asbestos Panels, Ltd., has been registered as a private company (capital £5,000) to enter into an exclusive selling license for the goods protected by the patents and trade marks for the full period of the patents, and made by La Societe. Anonyme du Fibrociment et des Revetments Elo, Ivan E. Lanhoffer and Oscar E. Lanhoffer, and to carry on the business of dealers in asbestos and asbestos products, manufacturers of articles constructed wholly or in part of asbestos, dealers in the material known as "Elo," etc. The provisional directors are Messrs. F. H. Rover and S. J. Russel. The solicitors are Messrs. Lawrence, Webster, Messor and Nicholls, 14, Old Jewry Chambers, E. C. London.—India Rubber Journal.

The German Asbestos Convention. In the November 15th issue of the India Rubber Journal, a note appears to the effect that the German Asbestos Convention lowered its prices for asbestos goods (price list No. 4) by 20 per cent. on the 6th of October. As regards items VIII (asbestos yarns), IX (asbestos ropes), X (asbestos plaiting), XI (improved, etc., asbestos talcum or asbestos graphite packing, dry), XII (asbestos bands), XIII (asbestos fabrics), XIX No. 3 and 4 (asbestos fibre insulating cord), the price columns "blue chemically pure," are eliminated.

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For these manufactures the same prices as for "white chemically pure" are now applicable.

Rhodesian & General Asbestos Corporation Limited. At a meeting of The Charterland & General Exploration & Finance Company (which holds a large interest in the Rhodesian & General Asbestos Corporation Limited) optimistic comments were made by the Chairman as to the prospects of the Asbestos Industry. The statement was made that the forward sales at the date of the meeting amounted to £666,672, as against a corresponding figure of £297,244 twelve months ago. It will be recalled that the Rhodesian & General Asbestos Corporation recently acquired Birthday Mine and other properties in the Shabani district.

The American Insulation Company, with home office in Philadelphia, has recently (about November 1st) established a branch in the Hibernia Bank Building, New Orleans, La., R. W. Sweeney having charge. The branch will devote its efforts to the selling of asbestos shingles and lumber.

The Asbestos Company of New York is one of the newer firms in the asbestos industry, which we have not had opportunity up to this time, to introduce to our readers.

The Asbestos Company, of New York, was organized in July, 1924 by T. J. Casey and C. A. Saitta, both of which gentlemen have been associated with the asbestos line for many years.

The Company acts as agent for asbestos cements and fibres, aircell and magnesia covering, and has direct Canadian connections. It has established warehouses in New York and Brooklyn and carries a large stock of Canadian cements and fibres.

Dr. E. D. O. Bowman, and associates, who are developing an Asbestos Mine in Northern Ontario, are operating under the name of the Porcupine Asbestos Mining Syndicate with head office at Timmins, Ont. They expect to officially open their 150 H. P. mining and mechanical cobbing plant on or about December 15th.

Canadische Asbest Aktiengese 11 schaft, Hamburg, Germany, advise in communication just received that they are at present engaged in winding up their business. The company was formed in December 1922, for the handling of Canadian Asbestos, dealing in real estate, etc.

Canadian Asbestos Merger. Rumors are heard in New York of a merger of various Asbestos companies in Canada, the nucleus of the new combine to be the Canadian Asbestos Company according to reports.

The United & Globe Rubber Corporation, Trenton, N. J., has sold its factory to Peter Vrendenburgh. The factory will be operated by a new company to be known as the United & Globe Rubber Co., officers of which are Peter Vrendenburgh, President; H. L. D. Lewis, Vice President & Treasurer; and D. M. Barr, Assistant Treasurer and Secretary. George F. Fisher is factory manager. The directors of the new United company include John S. Broughton, A. Dayton Oliphont, Peter Vrendenburgh, H. L. D. Lewis, Joseph McDermott and F. M. P. Pearce.

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Nederlandsche Asbest My.

Importers of Asbestos
Crudes and Fibres

ROTTERDAM - HOLLAND

Tel. Address:
Nedam Rotterdam

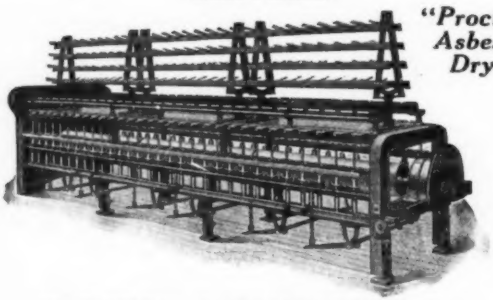
P. O. BOX 803

Codes
A B. C. 5th Edition
Western Union
Lieber's Code

ASBESTOS YARN MACHINERY

"Smith-Furbush"

"Proctor" Asbestos Dryers



PROCTOR & SCHWARTZ, INC.

Formerly Smith & Furbush Machine Co.

Seventh St & Tabor Rd., Philadelphia, Pa.

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CYPRUS CHRYSOTILE ASBESTOS SHINGLE STOCK.

Two Grades Only

STANDARD
TESTING 0-0-14-2

SHORTS
TESTING 0-0-11-5

Free from talc **Even Quality**

Reliable Deliveries throughout the Year

Cyprus Fibre Produces the Highest Quality of Asbestos-Cement Goods at
LOWEST COST

CYPRUS ASBESTOS COMPANY
LIMITED

Sales Office
49 ST. JAMES'S STREET, LONDON, S. W. 1

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PATENTS

Brake Lining. No. 1,512,451. Granted on October 21st, to Charles W. Brown, Nashville, Tenn. Filed June 21, 1922. Serial No. 569,869.

Described as a brake lining comprising a body portion of cork, a flexible cover for the body portion having a plurality of layers or folds between the wear surface and the body portion, and means for securing the folds and body portion together.

Friction Lining. No. 1,513,492. Granted on October 28th, to Harvey Cory and Arrin D. Gray, Chicago, said Gray assignor of his entire right to Advance Automobile Accessories Corporation, Chicago, Ill., a corporation of Delaware. Filed May 11, 1922. Serial No. 560,018.

Described as a lining formed of a suitable material, such as cotton fabric, which may be treated with pitches, steariness, oils or otherwise, to impart thereto additional strength, toughness, wearability and a higher coefficient of friction, relatively impervious to oil in combination with friction inserts therein, each having in its body an opening thru which oil may pass from one side of the lining to the other, substantially as described.

Heat Insulating Lagging. No. 1,513,723. Granted on October 28th, to Heinrich Bohlander, Cologne-on-the-Rhine, Germany. Filed February 2nd, 1924. Serial No. 690,319.

Described as a heat insulating covering for pipes, consisting of two layers of heat insulating materials—an inner layer composed of a loose, dry mixture of slag wool kieselguhr, and an outer layer composed of hardened plastic, having circumferentially arranged and longitudinally spaced feet, extending thru the inner layer and into engagement with the surface of the pipe, the sides of adjacent feet being flared inwardly of the covering and toward each other, forming dovetailed recesses by means of which the two layers are united together and held in contact with the pipe.

Magnesium Carbonate, Process for the Preparation of. No. 1,512,924. Granted on October 28th, to Anton Hambloch, Andernach, Germany. Filed January 11, 1923. Serial No. 612,094.

Described as the process of preparing magnesium carbonate from a solution of an acid double alkali metal magnesium carbonate, formed by the treatment of material containing magnesium compounds in water, saturated with carbon dioxide, which consists in heating said solution under a vacuum, whereby magnesium carbonate tri-hydrate is precipitated.

The following patents cover machines which may be of interest to some of our readers:

No. 1,513,493—Indicator for Brake Testers.

Granted on October 28th to Charles F. Cowdrey, Fitchburg, Mass. Filed March 26, 1923. Serial No. 627,820.

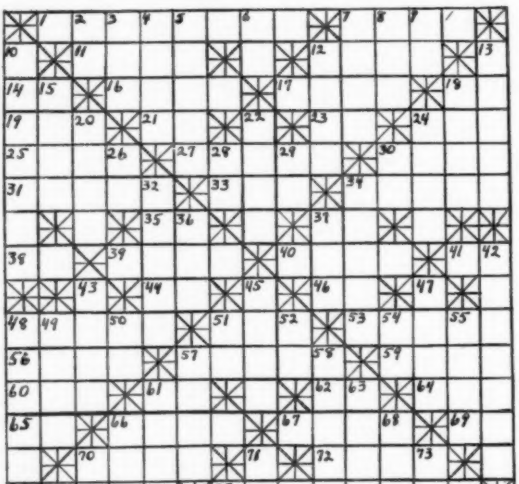
No. 1,514,149.—Device for Applying Brake Linings.

Granted on November 4th, to Claude Frizzell, Seattle Wash. Filed July 7, 1923. Serial No. 650,037.

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Asbestos Cross Word Puzzle

Prepared by Geo. C. Schafenacker, Vice-President, Asbestos Fibre Spinning Company, North Wales, Pa.



HORIZONTAL

1. A fibrous fireproof substance.
7. Spun fibre.
11. A Textile machine
12. A cereal grass (Pl.)
14. A unit of lineal measure (Abbr.)
16. Numeral (Pl.)
17. A spinning device.
18. A suffix—pertaining to; like.
19. Something prohibited.
21. South America (Abbr.)
23. Prefix—again.
24. A South African Antelope.
25. An English lineal measure.
27. A construction of twisted fibres (Pl.)
30. Barren.
31. A masculine personal name.
33. An article used in fishing.
34. A period of time.
35. Egyptian Sun God.
37. A river in southern China.
38. A denial.
39. A soft hydrous magnesia silicate.

HORIZONTAL

40. Mold.
41. Asbestos Association (Abbr.)
44. A point of the compass.
46. Pronoun.
48. Confronts.
51. Speak.
53. Pertaining to thorn, spine.
46. A mineral sometimes found in crude Asbestos.
57. Strings of several strands.
59. A feminine personal name.
60. Interdict.
61. A note of the diatonic scale.
62. Like.
64. Man's name (Abbr.)
65. Rubidium (Abbr.)
66. A long hollow cylindrical body.
67. To the inside of.
69. Royal Navy (Abbr.)
70. A parcel or quantity of land (Pl.)
72. Broad open-topped vessels.
74. An excavation.
75. A kind of Asbestos.

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ASBESTOS

VERTICAL

2. Sergeant at Law (Abbr.)
3. An exclamation.
4. Periods of time.
5. Daub.
6. A gasket measurement (Abbr.)
7. The name of a College.
8. Consumed.
9. Recording Secretary (Abbr.)
10. A native of a foreign country.
12. Possessive pronoun.
13. Raw.
15. A large oceanic fish.
18. Indigo plant.
20. 1160 (Roman numbers.)
22. Not closed.
24. Eliminated from Asbestos Crude.
26. Pronoun.
28. Preposition.
29. And (Latin.)
30. Exclamation.
32. An alloy.
34. Strands of ductile metal.

VERTICAL

36. A beverage.
37. To plant.
42. A western State.
43. A holy picture.
45. A machine.
47. An article of jewelry.
48. A fine filament.
49. A desert dweller.
50. Prefix—Into.
51. Conjunction.
52. Three feet (Abbr.)
54. Philippine Islands (Abbr.)
55. Not at any time (poetical.)
57. Carriages.
58. Patron Saint of children.
61 Musical instrument.
63. Short intermediate post.
66. A unit of weight.
68. Sash worn by Japanese women.
70. Long Island (Abbr.)
71. Keystone State (Abbr.)
73. Salvation Army (Abbr.).

Answer will be published in the January number, or will be sent upon request to anyone interested.

Cross-word Puzzlers Take Notice

Jack was home from college. One day he said to his mother, "May I tell you a narrative, mother?" The mother not being used to hearing such big words, said "What is a narrative" "A narrative is a tale," said Jack.

That night, when going to bed, Jack said, "May I extinguish the light, mother?"

"What do you mean by extinguish," asked his mother. "Extinguish means to put out," said Jack.

A few days later Jack's mother was giving a party at their home and the dog walked in. Jack's mother raised her voice and said "Jack, take that dog by the narrative and extinguish him."

Genius is only a little talent, tacked on to a mighty lot of work.—FORBES.

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.

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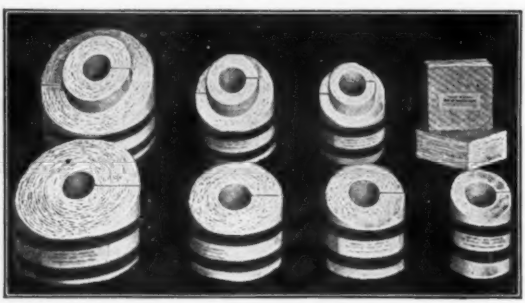
IMPERIAL ALL ASBESTOS COVERING

Wire Stitched with Water Proof Jacket for outside work



IMPERIAL ALL ASBESTOS COVERING

Wire Stitched—Canvass Jacket—Metal Banded
For High Pressure and Superheated Steam Lines



A combination of the two most effective insulating elements, i. e., felted Asbestos and "dead" Air Space.

Will not loosen nor crumble from vibration.

Can be removed and replaced without injury.

Will not Sag on Pipes. Strong and Flexible.

— Manufacturers —

H. F. WATSON COMPANY

CHICAGO BRANCH
5331-39 S. Western Ave.

Erie, Pa.

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85% Magnesia

STEAM PIPE AND BOILER INSULATION AND LOCOMOTIVE LAGGING



The Lightest Weight Steam Pipe and Boiler Insulation Made

That is Structurally Strong and Permanently Effective

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CONSOLIDATED ASBESTOS LIMITED

Canada Cement Bldg.

Montreal, Canada

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