UNITED STATES PATENT OFFICE.

WILLIAM B. CARPENTER, OF NEWARK, NEW JERSEY.

CIGAR AND CIGARETTE WRAPPER.

SPECIFICATION forming part of Letters Patent No. 253,841, dated February 21, 1882.

Application filed April 9, 1881. (No specimens.)

To all whom it may concern:

Be it known that I, WILLIAM B. CARPENTER, of Newark, in the county of Essex and State of New Jersey, have invented a new and useful Improvement in Cigar and Cigarette Covers, of which the following is a specification.

My invention relates to paper made for the wrappers or covering of cigars, cigarettes, or other like use; and it consists in the use of tobacco stalks or leaves made into a pulp and united with asbestus and such other ingredients as may be employed in manufacturing paper for the purpose.

In the efforts hitherto made to produce paper for covers, &c., out of tobacco, it has been found that the tobacco alone does not contain fiber enough to give it proper strengh. Then other fibrous materials have been added; but nothing has been found that in burning does not give either an unpleasant smell or taste.

To remedy these difficulties is the object of my invention; and it is found that asbestus, united with the pulp made from tobacco in heating and crumbling off when the tobacco is burned, gives off no smell or taste, and therefore, while the fiber of the asbestus gives strength to the paper, it is entirely free from the objections above named; or, in place of the asbestus being united with the tobacco-pulp and entering into the body of the paper, it may be prepared in a semi-liquid state and be applied to the surface of the paper made from tobacco, and do substantially the same thing.

In the manufacture of the paper a sizing of rice-water or other similar substance may be used, and, to give increased softness and flexibility, sugar, molasses, or licorice, or other similar substance, may be joined with the pulp, and a little saltpeter may be added to excite combustion and give a little piquancy of sensation when smoking; but when any or all of them is used the asbestus enters into the product of the paper, either as an integral element or a floss to give to it the required tenacity.

In preparing the paper it may be found to be too light in color, and a darker shade may be given to it in the use of a small percentage of charcoal, as this also will be free from offensive smell and taste; and all the ingredients united with the tobacco and asbestus are used only in the minutest quantities to aid in manufacturing, so that it is substantially true that only the tobacco is smoked. The asbestus will be used in such quantity as may be found best practically; but in any amount used there will be no unpleasant or injurious effect.

What I claim is—

1. An improved paper for the wrappers of cigarettes and cigars, composed of asbestus and vegetable fiber properly pulped and formed into sheets.

2. An improved paper for the wrappers of cigarettes and cigars, composed of asbestus and tobacco fiber combined.

3. An improved paper for the wrappers of cigars and cigarettes, composed of tobacco, asbestus, and saltpeter, the latter to excite combustion and give piquancy of sensation.

4. An improved paper for the wrappers of cigars and cigarettes, composed of tobacco, asbestus, and a coloring of charcoal, substantially as specified.

WILLIAM B. CARPENTER.

Witnesses:
HORACE HARRIS,
N. C. BRISTOL.