

UNITED STATES PATENT OFFICE.

FRANCIS C. CONE, OF SAN FRANCISCO, CALIFORNIA.

IMPROVEMENT IN MATERIALS FOR FILLING MATTRESSES, MAKING PAPER, &c.

Specification forming part of Letters Patent No. 123,810, dated February 20, 1872.

SPECIFICATION.

I, FRANCIS CHAPMIN CONE, of the city and county of San Francisco, State of California, have invented a new and useful substance suitable for use in filling mattresses, beds, sofas, chairs, and other articles of like nature, and for coarse paper-stock, roofing material, coarse cloth, matting, &c., the following being a specification thereof:

Take the outer bark of the common redwood tree, (*Sequoia gigantea*), and cut it into strips of about eight inches lengthwise of the fiber by about one-eighth of an inch in thickness by about one inch in breadth; pass these strips between revolving crushing-rollers with corrugated surfaces until the strips are reduced to a separated fibrous mass. The bark should be clean and free from decay.

Machinery to perform the crushing may be desirable; but the bark may be manufactured into the fibrous substance by hand labor.

I wish it understood that I do not confine myself to any particular process in reducing the bark to a fibrous mass, for many means may be employed to produce the same result.

Claim.

I claim—

As a new article of commerce, the fibrous substance manufactured from the bark of the redwood tree and its various species, as herein described, for the purposes set forth.

FRANCIS CHAPMIN CONE.

Witnesses:

GEO. PARDY,
I. D. BROWNE.