

May 7, 1929.

K. AOYAMA

1,712,017

ARTIFICIAL WHEAT STRAW BRAID

Filed Feb. 23, 1924

Fig. 4.

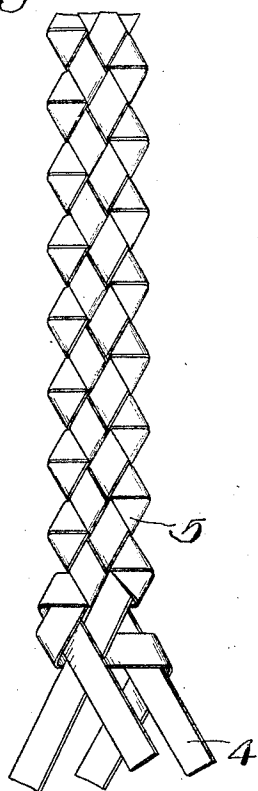


Fig. 3.

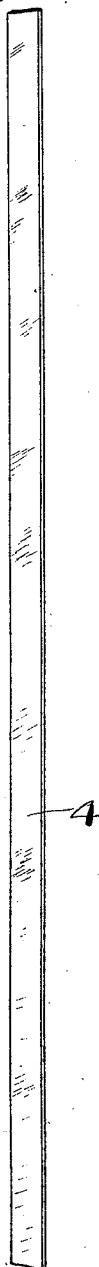


Fig. 1.

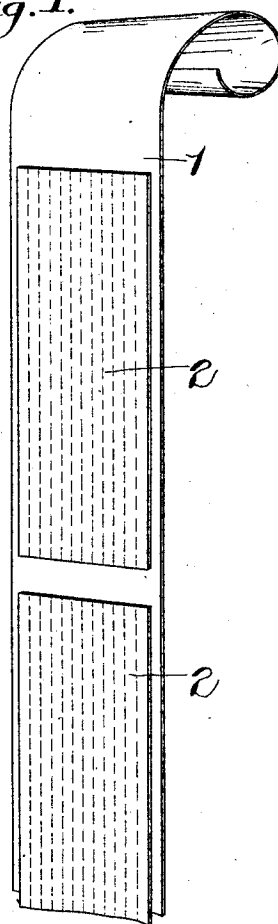


Fig. 2.



INVENTOR:

Kichizayemon Aoyama

By

Alexander + Dowell

ATTORNEYS:

UNITED STATES PATENT OFFICE.

KICHIZAYEMON AOYAMA, OF SHIBA-KU, TOKYO, JAPAN, ASSIGNOR TO TSUNEJIRO MISHIMA, OF TOKYO, JAPAN.

ARTIFICIAL WHEAT-STRAW BRAID.

Application filed February 23, 1924. Serial No. 694,813.

This invention relates to imitation of straw braids, and consists in pasting on one or both sides of white thin paper shavings of populus albo or any other grainless wood, which is dyed in any desired colour, coating the shaving thus dyed and lined, with nitro-cellulose or any other cellulose ester solution, cutting it into tapes of any desired width, and plaiting them into braids. The object of this invention is to obtain good material for summer hats, &c. which is cheap, does not easily tear off, and closely resembles in its appearance to natural straw braids.

Hitherto shaving is commonly used as material for hats, but no attempt has yet been made to make it appear like straw. It receives no treatment other than bleaching, and consequently it retains all its woody appearance, and is glossless. It easily splits, and being devoid of waterproof property, easily gets soiled.

Now, in this invention the film of nitro-cellulose, or any other cellulose ester, gives to the shaving a horny look, and together with the white paper pasted on the reverse side, gives it gloss and appearance that cannot be easily distinguished from straw. This is due to the white paper pasted on the reverse side shining through the shaving and film of nitrocellulose, or the like.

Tapes in this invention are cut into any desired width, and therefore there is no trouble of assorting them. They are less difficult in bleaching and do not fade by exposure to the sun. Especially, as they are tough, flexible and are not easily torn off, they are an ideal material for hats and bonnets. The following is a more full description of my invention, reference being had to the accompanying drawing. In the drawing

Fig. 1 is a view of shaving pasted on paper and coated with solution of nitro-cellulose or any other cellulose ester; and

Fig. 2 is a section thereof.

Fig. 3 is a view of the shaving cut into tapes, and

Fig. 4 is an example of such tapes plaited into a braid.

In the figures, (1) is a long continuous Japanese paper on one or both sides of which are pasted with a water-proof paste shavings (2) of populus albo or any other suitable wood, either bleached or unbleached, and dyed with a dye, or pigment, into light yellow colour so that they present an appearance resembling to the straw. Shavings thus pasted are then coated with nitro-cellulose, dissolved in a solution of camphor in alcohol, thus forming a transparent, smooth and glossy surface as shown at (3). This is cut into tapes (4), which are plaited into a braid (5) as shown in Fig. 4.

In this invention, if the shaving is pasted only on one side of paper, the tapes will have an appearance of straw split, the paper representing the white inner layer, and if it is pasted on both sides, the tapes look like straw flattened without splitting.

I claim:

1. As an article of manufacture, artificial straw comprising tapes cut from material composed of a thin white paper and thin wood shavings pasted on the paper parallel with the length of the tape, and coated with a solution of a cellulose ester.

2. As an article of manufacture, artificial straw comprising tapes cut from material composed of thin white paper and thin wood shavings, pasted on both sides of the paper, and coated with a transparent varnish.

3. As an article of manufacture, artificial straw comprising tapes cut from material composed of thin paper and thin wood shavings of grainless wood previously coloured, pasted on the paper, and then coated with a solution of cellulose ester.

In testimony whereof I have signed my name to this specification.

KICHIZAYEMON AOYAMA.