Sept. 9, 1924.

1,508,014

A. DITTRICH

DEVICE FOR MAKING HAIR GOODS

Filed March 21, 1923

Fig.1.

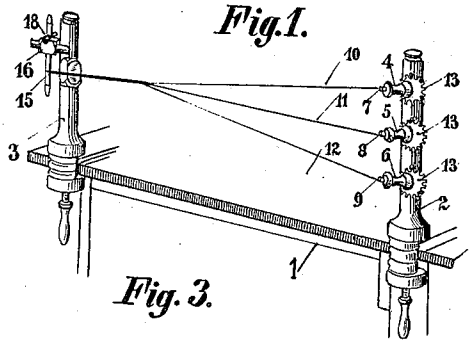


Fig. 2.

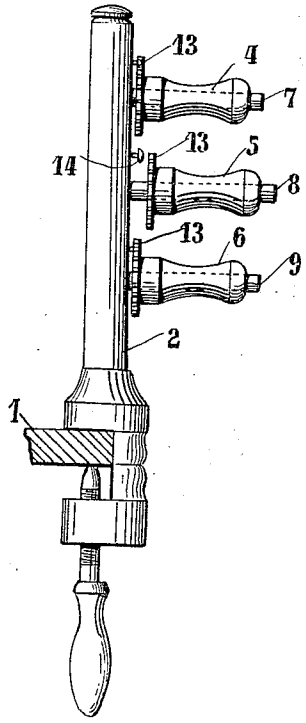


Fig. 3.

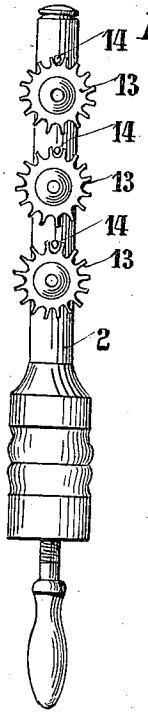


Fig.4.

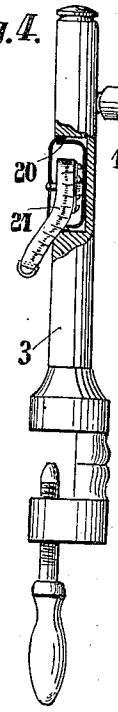
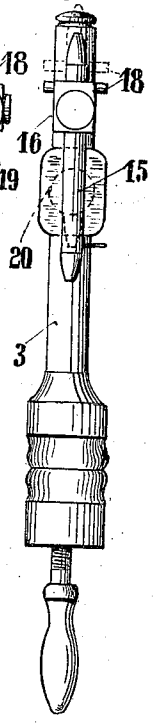


Fig.5.



Albert Dittrich *Inventor:*

by Mode & Blum
his attorneys

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UNITED STATES PATENT OFFICE.

ALBERT DITTRICH, OF MUHLHAUSEN, GERMANY, ASSIGNOR TO JULIUS PAULY, INCORPORATED, OF NEW YORK, N. Y.

DEVICE FOR MAKING HAIR GOODS.

Application filed March 21, 1923. Serial No. 626,481.

To all whom it may concern:

Be it known that I, ALBERT DITTRICH, a citizen of the German Republic, residing at 38, Tiedemann Str., Muhlhausen, Thuringia, Germany, have invented certain new and useful Improvements in Devices for Making Hair Goods, of which the following is a specification.

This invention relates to a device for making artificial hair plaits, tresses, transformations or the like, and its main object is to generally improve the means hitherto employed for this purpose and consisting of two vice-pin like columns fastened to a table at a distance from each other, and between which the threads to which the hair is to be fastened are stretched; one of the said columns carrying the feeding bobbins or reels, whilst the other, hereinafter called the head column, serves to collect the finished braids upon a rotary peg.

A special object now of the invention is the provision of means to enable the said bobbins or reels to be locked and unlocked during any phase of the plait making operation, so as to prevent their loosening and a consequent slackening of the threads during work.

Another object of the invention consists in the provision of a locking member for the rotary peg, which will prevent the latter from turning when in a certain position.

Further objects and advantages of the invention will be apparent from the following description of the accompanying drawing which illustrates the invention by way of example.

Fig. 1 is a perspective view of the entire device clamped to a table and ready for work.

Fig. 2 is a side elevation and

Fig. 3 a front elevation of the vice-pin carrying the reels for the working thread.

Figs. 4 and 5 are similar views of the head column carrying the collecting peg.

In this drawing 1 denotes the working table to which the vice-pin like columns are fastened. These columns are denominated by 2 and 3, the former carrying three superposed bobbins or reels 4, 5, 6, slidable and rotatable on pins 7, 8 and 9. Each of the said reels upon or within which the threads 10, 11 and 12 for making the plaits are wound is provided at its inner end with a notched disc 13, of which the notches are adapted to engage with locking pins 14 of the column. When the said pins are in engagement with their respective discs, as shown to be the case with reels 4 and 6 in Fig. 2, the reels are locked against rotation. If, on the other hand, they are drawn forward and out of engagement with the said pins, as is the case with reel 5 of Fig. 2, they are free to rotate and to unwind the thread.

As will be seen from Fig. 1, the three threads issuing from the reels 4, 5 and 6, when the hair is applied between them to form a braid, are eventually wound upon the peg 15 which, for this purpose, is carried within a bearing or sleeve portion 16 of the projecting arm 17. It is provided with a cross pin 18 with which it is adapted to rest within a recess 19 so as to prevent the peg from turning when in its lowest position. Lifting the peg into the position shown in dotted lines in Fig. 5 permits of its being rotated to either tension the threads 10, 11 and 12 when the reels are locked, or to wind up the finished lengths of braids after the reels have been unlocked, so as to expose new lengths of thread to be worked upon. In order to be able at any time to measure the length of the finished braid a measuring tape, preferably of the spring type, 21 is provided within a pocket 20 of the head column.

In the construction above described the reels 4, 5 and 6 are freely slidable upon their respective pins 7, 8 and 9 during the operation of the device.

What I claim is:—

A device for making artificial hair goods comprising a column, pins located on the said column, reels mounted upon the said pins and having notched discs adjacent the said column, locking pins mounted upon the said column and adapted to engage the said notched discs when the said reels are slid upon their respective pins towards the said column, a second column and a wind-up peg revolubly mounted upon the said column.

In witness whereof I affix my signature,

ALBERT DITTRICH.