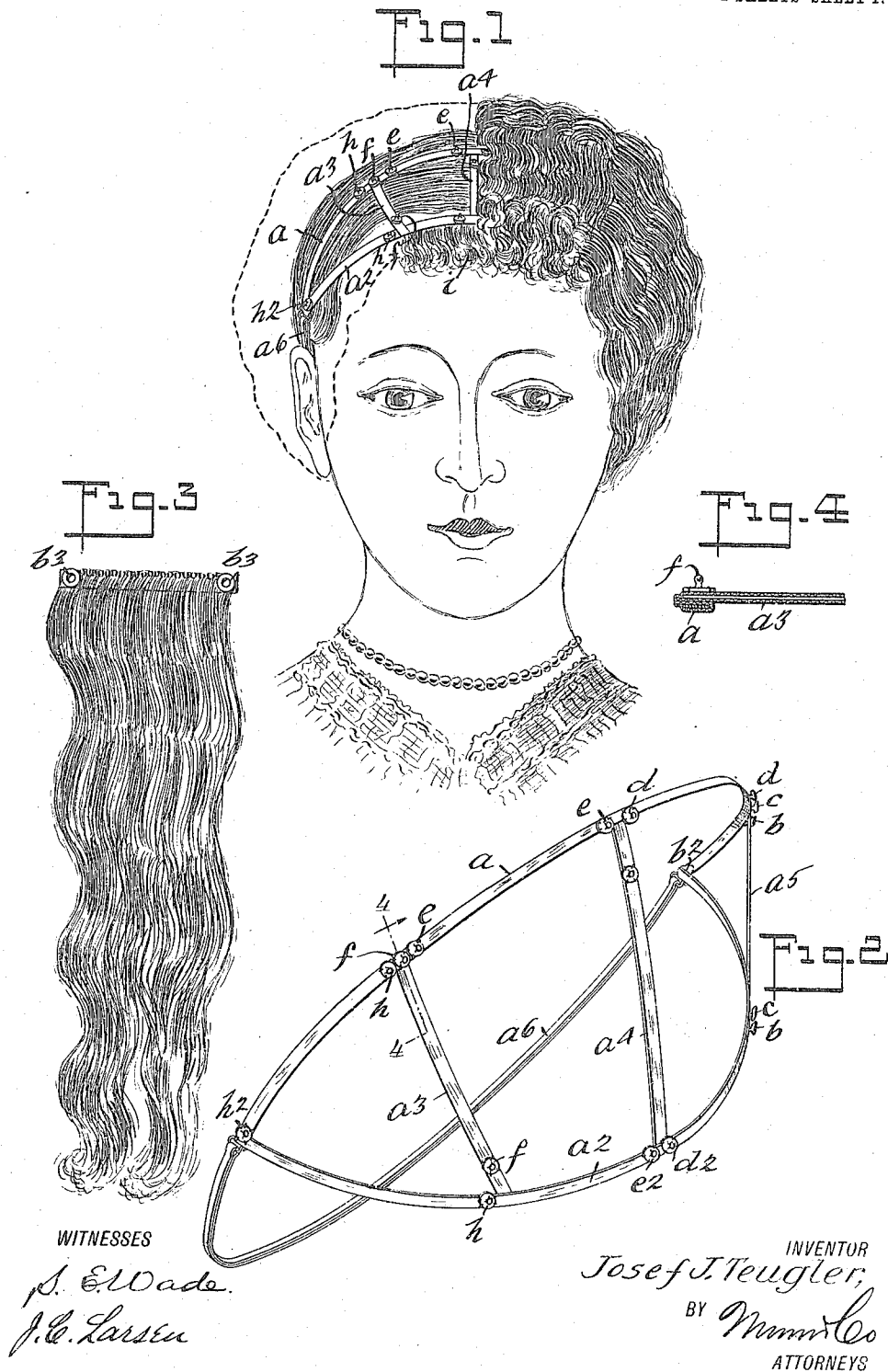


J. J. TEUGLER.  
HAIR TRANSFORMER.  
APPLICATION FILED MAY 9, 1914.

1,133,196.

Patented Mar. 23, 1915.

2 SHEETS—SHEET 1.

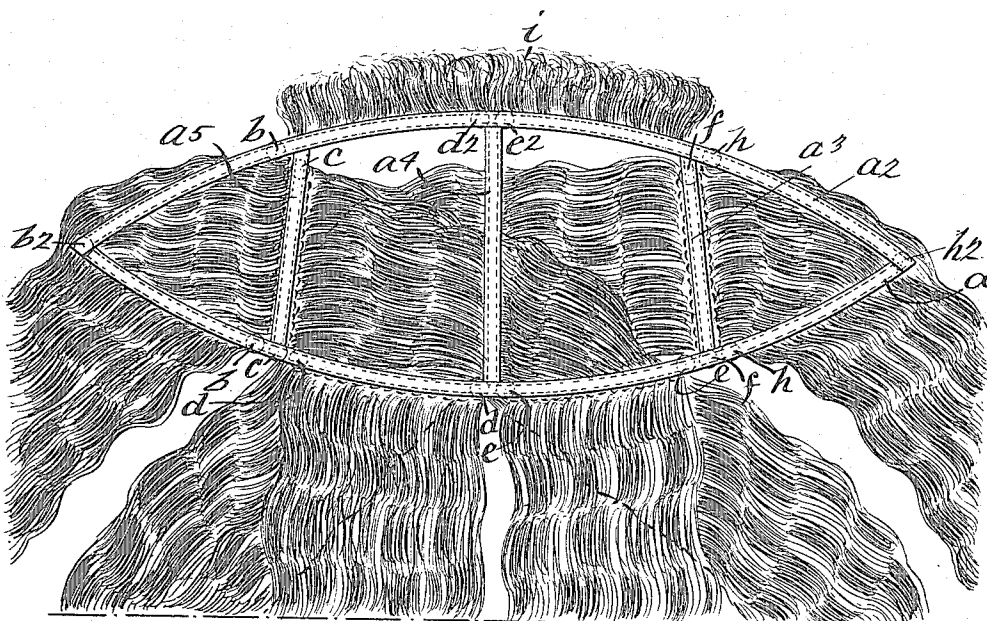
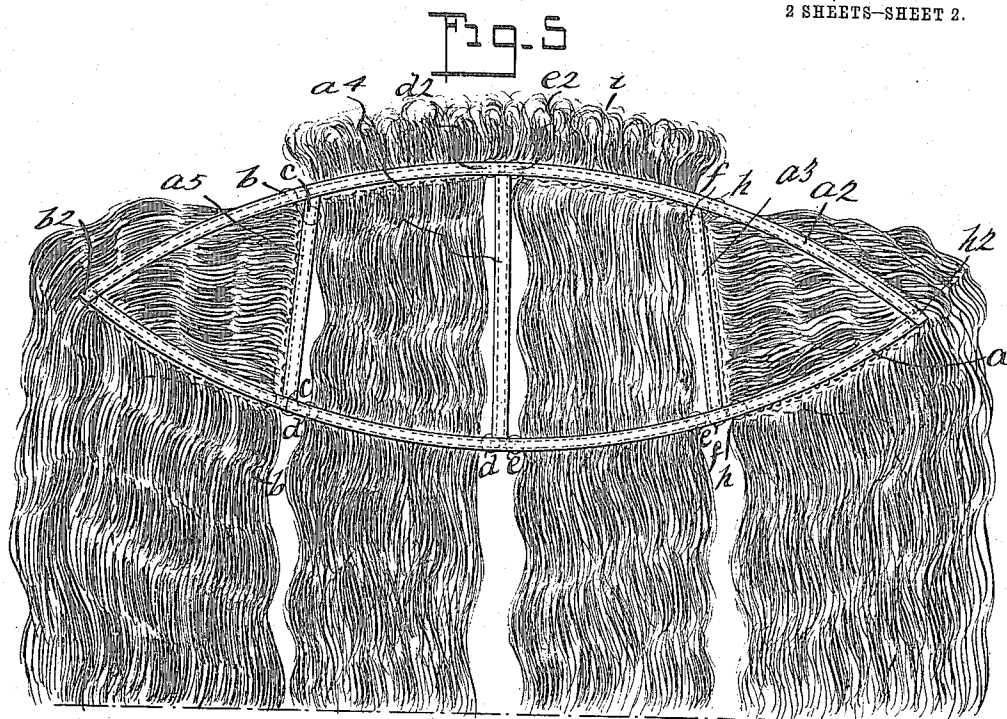


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2 SHEETS-SHEET 2.



WITNESSES

J. E. Wade  
 J. C. Lardner

Fig. 6

INVENTOR  
 Josef J. Teugler,  
 BY *Mumford Co*  
 ATTORNEYS

# UNITED STATES PATENT OFFICE.

JOSEF JOHANN TEUGLER, OF PITTSBURGH, PENNSYLVANIA.

## HAIR-TRANSFORMER.

1,133,196.

Specification of Letters Patent.

Patented Mar. 23, 1915.

Application filed May 9, 1914. Serial No. 837,391.

*To all whom it may concern:*

Be it known that I, JOSEF J. TEUGLER, a subject of the Emperor of Austria-Hungary, and resident of Pittsburgh, in the county of Allegheny and State of Pennsylvania, have invented certain new and useful Improvements in Hair-Transformers, of which the following is a specification.

My invention relates to hair dressing, more especially false hair, and the main object thereof is to provide a transformer for women's hair, whereby the entire head-dress may be placed in position or removed therefrom, as a unit.

A further object is to provide a frame for said transformer which is invisible and light, and which is adapted for different styles of hair dressing.

A further object is to provide plaits or switches of hair having the female members of detachable securing members thereon in positions corresponding to the male members on said frame, said securing devices being arranged at different points on the frame whereby said plaits or switches may be used at correspondingly different positions, for different effects.

A further object is to form the frame of flexible strips which readily adapt themselves to the conformation of the head, and also to provide extensible, elastic, means for holding the frame on the head; and, with these and other objects in mind, my invention consists in the construction hereinafter described and claimed.

My invention is fully set forth in the following specification, of which the accompanying drawings form a part, in which the same reference characters are used to indicate the same parts in each of the views, and in which:—

Figure 1 is a front view of my invention arranged upon the head of a woman, with the hair in position on one-half of the frame only; Fig. 2 is a perspective view of the frame; Fig. 3 is a view of a hair plait or switch, several of which are employed, of different form, if desired; Fig. 4 is a section taken on the line 4—4 of Fig. 2; Fig. 5 is a view of the frame with hair plaits connected therewith, previously to dressing said hair in one style; and Fig. 6 is a similar view but with the plaits arranged for dressing in another style.

In the drawings forming a part of this application I have shown a frame compris-

ing two main, curved, members  $a$  and  $a^2$ , of flexible material, and preferably covered with fabric, which members are joined by brace members  $a^3$ ,  $a^4$  and  $a^5$ , any number of which may be employed, and in any desired arrangement or position, and the ends of the members  $a$  and  $a^2$  are secured together, as are the ends of the members  $a^3$ ,  $a^4$  and  $a^5$  to said members  $a$  and  $a^2$ , and I also provide an elastic, extensible, member  $a^6$  connected, at the ends thereof, with the corresponding ends of the frame, as clearly shown in Fig. 2.

Arranged on the members of the frame are the male members of detachable securing means, such as glove fasteners, in pairs, as  $b-b$ ,  $c-c$ ,  $d-d$ ,  $e-e$ ,  $f-f$ ,  $h-h$ , and supplemental fastener members  $b^2$ ,  $d^2$ ,  $e^2$  and  $h^2$ , and I prefer to stitch or otherwise secure a hair fringe or bang  $i$  to the frame member  $a^2$ . Each of the hair plaits is provided with a fabric or other strip  $b^4$  along the upper edge thereof, over which the hair is plaited, this strip carrying, as clearly shown in Fig. 3, at the ends thereof, the female members of the fastening means, referred to as  $b^3-b^3$  in said Fig. 3, the length of said strip being such as to be stretched when the complementary fastener members are united, and thus holding plait end flat against the frame member, but I do not limit myself to any specific positions of the fastener members nor the specific fastening means, but the form shown answers for this description.

In practice, the plaits are connected with the frame in desired positions according to the style of hair dressing, two forms being shown in the initial plait arrangement in Figs. 5 and 6, after which the plaits are overlaid or otherwise dressed so as to conceal the frame, the said plaits having been waved, if desired, previous to such dressing over the frame, and supplemental objects of hair may also be employed, such as switches, puffs, etc., etc. It will thus be seen that I may arrange plaits of hair in different initial positions on my frame, as at  $b-b^2$ ,  $d-d^2$ ,  $e-e^2$ ,  $h-h^2$ ,  $b-b^2$ ,  $h-h^2$ , etc., for different styles of hair dressing, and, when the dressing is complete, the entire transformation is removable as a unit from the head of a wearer, thus obviating the necessity for frequent dressing and, if desired, the wearer's own hair may also be employed to produce different effects.

My transformer is simple, light, suffi-

ciently strong, flexible, and firmly held in place without the use of pins, is capable of great latitude in styles of dressing, is invisible when worn, and well adapted to the uses for which it was designed and, while I have shown a certain form of construction, I do not limit myself thereto, but may make changes thereover, within the scope of the following claim, without departing from the spirit of my invention or sacrificing its advantages.

Having fully described my invention, what I claim as new, and desire to secure by Letters Patent, is:—

15 A hair transformer, comprising a frame

formed of two main flexible strips joined together at the ends, members joining said main members, and a plurality of hair plaits, said frame carrying a plurality of fastening devices arranged in pairs thereon, 20 and each of said plaits carrying a pair of complemental fasteners adapted for engagement with the fasteners on said frame.

In testimony that I claim the foregoing as my invention I have signed my name in 25 presence of the subscribing witnesses.

JOSEF JOHANN TEUGLER.

Witnesses:

WALTER K. CHARLTON,  
REUBEN E. FRAZIER.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."