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(54) **HAIR EXTENSION**

HAARVERLÄNGERUNG

EXTENSION DE CHEVEUX

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Description

Field of the invention

[0001] The present invention relates to hair extensions of the type comprising a lock of hair rendered fixed with respect to a body made of thermoplastic material provided for anchorage thereof to the hair.

Prior art

[0002] To connect the above sort of hair extensions to the hair of the user so as to lengthen it and thicken it and render it more voluminous, various solutions have been proposed, none of which, however, has proven completely satisfactory.

[0003] Hence, for example, in the case of the British patent No. GB-2288976 and of the German patent No. DE-19626107, the body made of thermoplastic material consists of a strip and of a sheet, respectively, on the internal surface of which there adheres one end of the extension lock, with the corresponding hair set parallel to said surface. For its application, the strip or sheet, respectively, is then folded around the end of the lock of hair and then subjected to heating to bring about softening thereof and finally, following upon subsequent cooling, consequent fixing of the extension on the hair.

[0004] In either case, following upon application of the strip or sheet, even though this is partially transparent, it remains visible, and this constitutes an evident drawback of an aesthetic nature. Furthermore, since the extension lock hangs from the strip or sheet parallel to the plane thereof, the so to speak volumizing effect of the hair extension applied is insufficient or even inexistent, which constitutes a further aesthetic drawback.

[0005] Patent application WO 2005/023045 A2 discloses a clamping mechanism for attaching hair extensions of natural or artificial hair with a one-piece moulded plastic connector that can be snapped in place and then set with hot-staking tools.

[0006] US patent US 7,533,676 discloses a method for attaching self adhesive hair extensions to hair.

Summary of the invention

[0007] The object of the present invention is to overcome the aforesaid drawbacks and, more in particular, to provide a hair extension of the type defined above that will enable, following upon its application to the hair of the user, an improved effect of thickening and above all voluminization of the hair to be obtained.

[0008] A further object is to provide a hair extension, the element of anchorage of which to the hair is, in the condition where the extension is applied, substantially invisible.

[0009] According to the invention, the above objects are achieved basically thanks to the fact that the aforesaid body made of plastic material consists of a substan-

tially rigid plate, from a first face of which there extends at least one linear layered tress of hair, the ends of which are fixed head-on to said face, orthogonal to the plane thereof, and the second face of which, opposite to the first one, carries means for permanent attachment or means for temporary attachment to the hair.

[0010] According to a preferred embodiment of the invention, fixed to the aforesaid first face of the plate made of thermoplastic material, starting from its top, are multiple linear tresses of hair set on top of one another and slightly at a distance from one another.

[0011] The invention envisages various configurations of the means for attachment to the hair associated to the second face of the plate, whether of a permanent-attachment type, in particular by thermoadhesion, or of a temporary-attachment type, as well as a peculiar method of application of the extension.

Brief description of the drawings

[0012] The invention will now be described in detail with reference to the annexed drawings, which are provided purely by way of non-limiting example and in which:

- Figure 1 is a schematic and partial dorsal perspective view of a hair extension according to a first embodiment of the invention;
- Figures 2 and 3 are views similar to that of Figure 1 showing, respectively, a second embodiment and a third embodiment of the invention;
- Figures 4 and 5 are two schematic and partial front perspective views that show a fourth embodiment and a fifth embodiment of the invention, respectively;
- Figure 6 is a dorsal perspective view that illustrates schematically a sixth embodiment of the invention;
- Figure 7 is a front perspective view of Figure 6; and
- Figures 8-14 show schematically the sequence of the steps of application of the sixth embodiment of Figures 6 and 7.

Detailed description of the invention

[0013] With initial reference to Figure 1, in a first embodiment the hair extension according to the invention comprises a plate 1 made of thermoplastic material, which is substantially rigid at room temperature or even relatively flexible, having for example a general quadrangular shape.

[0014] The plate 1 has an external or dorsal face 1a and an internal or front face 1b, of which the first carries an extension lock of hair designated as a whole by 2, and the second is provided for anchorage thereof to the hair of the user.

[0015] According to the peculiar characteristic of the invention, the lock 2 includes at least one linear layered tress of hair, and more conveniently a plurality (in the example illustrated, four) of such linear layered tresses of hair 2a, 2b, 2c and 2d, set on top of one another and

slightly spaced apart, starting from the top or top end 1c of the plate 1.

[0016] The hair of each linear layered tress 2a, 2b, 2c, 2d is rendered fixed with respect to the dorsal face 1a of the plate 1 as a result of fixing of the respective tips in a direction orthogonal to the said face 1a. To fix the surface of the face 1a, this is heated until it softens, and then the tips of the hair are englobed therein, being inserted, as has been said, in a direction perpendicular to the plane of the face 1a. Said operation can be obtained, also simultaneously for the hair of all the tresses 2a-2d, via a suitable tool for gripping the hair, via application of a heat-meltable adhesive on the face 1a, heating, insertion head-on of the hair, and then fixing thereof following upon cooling. At the end of cooling, the face 1a will englobe in a permanent way the tips of the hair of the various linear tresses set on top of one another 2a-2d, with a "waterfall" effect exemplified in the drawings, which, in the condition where the extension is applied, enables an aesthetically appreciable voluminization to be obtained, in addition to thickening of the hair to which the extension is applied. Furthermore, the plate 1, hidden by the tresses of hair 2a-2d, will be substantially invisible.

[0017] For its application, the front face 1b opposite to the dorsal face 1a of the plate 1 can be configured with different alternative systems of permanent attachment or temporary attachment to the hair.

[0018] In the case of Figure 1, the system of permanent attachment consists of a series of appendages 3, which are formed integrally with the plate 1, projecting in a direction orthogonal to the face 1b and to the multiple tresses of hair 2a-2d, substantially like a comb. Introduced, in use, within the spaces comprised between the appendages 3 are locks of the hair, which are then anchored to the plate 1 by means of heating, softening, and plastic deformation of said appendages 3 against the face 1b. Following upon subsequent cooling and hardening of the appendages 3 thus deformed, the locks of the hair will be firmly anchored to the plate 1.

[0019] In the case of Figure 2, where parts that are identical or similar to the ones already described previously are designated by the same reference numbers, the system of permanent attachment of the plate 1 to the hair is constituted by a side flange 4 of the plate 1, which can be folded by hot deformation from the open position represented in the figures, where it extends substantially orthogonal to the face 1b, to a closing position for gripping a lock of hair against said face 1b.

[0020] In the case of Figure 3, the flange 4 is replaced by a pair of opposed side flanges 5, which can also be folded by hot deformation from the open position represented in the figures to a closed position for gripping the lock of hair against the face 1b of the plate 1.

[0021] The anchorage systems described so far, which may obviously differ from the constructional standpoint, provide, as has been said, a permanent anchorage of the extension to the hair of the user, in the sense that its possible subsequent removal requires application of a

solvent or the like for detachment of the plate 1 from the lock to which the extension has been applied.

[0022] The variants represented in Figures 4 and 5 show, instead, two examples of temporary application; i.e., the hair extensions are immediately removable without requiring particular operations on the plate 1.

[0023] In the case of Figure 4, the plate 1, to the dorsal face 1a of which the linear layered tresses of hair 2a, 2b, 2c, 2d are anchored with the same modalities described previously, has an elongated shape, and one or more combs 6 for engagement to corresponding locks of hair are mechanically fixed to its front face 1b, for example by riveting or else gluing.

[0024] In the case of Figure 5, the plate 1, which also has a general elongated conformation, is provided on its front face 1b with a biadhesive tape 7 for application, that is by adhesion, to the hair.

[0025] In both cases, the voluminizing effect that derives from the disposition of the tresses of hair 2a, 2b, 2c 2d projecting in a direction orthogonal to the plane of the plate 1 is, in the condition applied, altogether identical to what has been described with reference to the embodiments of Figures 1 to 3.

[0026] The same effect is obtained with the further example of temporary application of the plate 1 represented in Figures 6 and 7, where it is provided with a flexible tab 8, conveniently constituted by a partially biadhesive strip of plastic material or the like, having a front 8a and a back 8b.

[0027] The tab 8 includes three consecutive foldable portions A, B, C, where:

- the first portion A is joined to the face 1b of the plate 1 on the back 8b of the tab 8, for example via adhesive;
- the first portion A, the second portion B, and the third portion C are adhesive on the front side 8a of the tab 8 and are coated with a first anti-adhesive layer or sheet 9 that can be removed upon application of the extension;
- the third portion C is adhesive also on the back 8b of the tab 8 and is coated with a second anti-adhesive layer or sheet 10, removable at the end of application of the extension.

[0028] For joining to the face 1b of the plate 1, the first portion A is conveniently adhesive also on the back 8b of the tab 8, whereas the second portion B is adhesive only on the front 8a.

[0029] To apply the plate 1 with the tab 8 to a lock of hair the procedure is according to the sequence of steps illustrated schematically in Figures 8-14.

[0030] First of all, the first anti-adhesive layer 9 is removed so as to expose the adhesive portions A, B, C on the front side 8a of the tab 8 (Figure 8).

[0031] Then, the ends of a lock of hair are applied on the second adhesive portion B (Figure 9) in a distributed way, and the second adhesive portion B is closed against

the first adhesive portion A by exerting a slight pressure (Figure 10).

[0032] Next, the second adhesive portion B is separated and re-opened with respect to the first adhesive portion A (Figure 11), and the third adhesive portion C is folded and made to adhere, by exerting pressure, against the second adhesive portion B (Figure 12).

[0033] Then the second anti-adhesive layer 10 is removed, so as to expose the third adhesive portion C on the back 8b of the tab 8 (Figure 13), and finally the first adhesive portion A and the third adhesive portion C are folded and made to adhere by pressure against one another (Figure 14).

[0034] Of course, the details of construction and the embodiments may vary widely with respect to what has been described and illustrated herein, without thereby departing from the scope of the present invention as defined in the ensuing claims.

Claims

1. A hair extension formed by a lock of hair (2) rendered fixed with respect to a body made of thermoplastic material (1), which is provided for anchorage thereof to hair, said hair extension being **characterized in that** said body made of thermoplastic material consists of a substantially rigid plate (1), extending from a first face (1a) of which is at least one linear layered tress of hair (2a, 2b, 2c, 2d), the ends of which are fixed head-on to said first face (1a), orthogonal to the plane thereof, and the second face (1b) of which, opposite to the first face (1a), carries means for permanent attachment (3, 4, 5) or means for temporary attachment (6, 7, 8) to the hair.
2. The hair extension according to Claim 1, **characterized in that** fixed to said first face (1a) of the plate (1), starting from its top (1c), are multiple linear tresses of hair (2a, 2b, 2c, 2d) set on top of one another and at a slight distance from one another.
3. The hair extension according to Claim 1 or Claim 2, **characterized in that** said means for permanent attachment comprise a series of tooth-shaped appendages (3), which are formed integrally with said plate (1) and project in a direction orthogonal to said at least one linear layered tress of hair (2a, 2b, 2c, 2d), said tooth-shaped appendages (3) being foldable by means of hot deformation against said second face (1b).
4. The hair extension according to Claim 1 or Claim 2, **characterized in that** said means for permanent attachment comprise a side flange (4), which is formed integrally with said plate (1) and projects in a direction orthogonal to said at least one linear layered tress of hair (2a, 2b, 2c, 2d), said side flange (4) being foldable against said second face (1b) by means of hot deformation.
5. The hair extension according to Claim 1 or Claim 2, **characterized in that** said means for permanent attachment comprise two side flanges (5), which are formed integrally with said plate (1) and project in a direction orthogonal to said at least one linear layered tress of hair (2a, 2b, 2c, 2d), said two side flanges (5) being foldable against said second face (1b) by means of hot deformation.
6. The hair extension according to Claim 1 or Claim 2, **characterized in that** said means for temporary attachment comprise at least one comb (6) fixed mechanically to said second face (1b) of the plate (1).
7. The hair extension according to Claim 1 or Claim 2, **characterized in that** said means for temporary attachment comprise a biadhesive tape (7) applied to said second face (1b) of the plate (1).
8. The hair extension according to any one of the preceding claims, **characterized in that** the ends of the hair of said at least one linear layered tress (2a, 2b, 2c, 2d) are fixed head-on to said first face (1a) of the plate (1) by means of thermoadhesion.
9. The hair extension according to Claim 1 or Claim 2, **characterized in that** said means for temporary attachment comprise a flexible tab (8) having a front side (8a) and a back (8b) and include three consecutive foldable portions (A, B, C), wherein:
 - the first portion (A) is joined to the second face (1b) of said plate (1) on the back (8b) of the tab (8);
 - the first portion (A), the second portion (B), and the third portion (C) are adhesive on the front side (8a) of the tab (8) and are coated with a first removable anti-adhesive layer (9); and
 - the third portion (C) is adhesive also on the back (8b) of the tab (8) and is coated with a second removable anti-adhesive layer (10).
10. The extension according to Claim 9, **characterized in that** to enable joining said plate (1) to the second face (1b) said first portion (A) is adhesive on the back (8b) of the tab (8).
11. A method for applying the hair extension according to Claim 9 or Claim 10 to hair, **characterized in that** it comprises the following steps:
 - removing said first anti-adhesive layer (9) to expose said adhesive portions (A, B, C) on the front side (8a) of the tab (8);
 - applying the end of a lock of hair in a distributed

way on said second adhesive portion (B);
 - closing said second adhesive portion (B) against said first adhesive portion (A);
 - reopening said second adhesive portion (B) away from said first adhesive portion (A);
 - closing said third adhesive portion (C) and causing it to adhere by exerting pressure against said second adhesive portion (B);
 - removing said second anti-adhesive layer (10) and exposing said third adhesive portion (C) on the back (8b) of the tab (8); and
 - closing said first adhesive portion (A) and said third adhesive portion (C) and causing them to adhere against one another by exerting pressure.

Patentansprüche

1. Haarverlängerung, die durch eine Haarlocke (2) gebildet ist, die an einem Körper aus einem thermoplastischen Material (1), der zur Verankerung mit dem Haar zur Verfügung gestellt ist, fixiert ist, wobei die Haarverlängerung **dadurch gekennzeichnet ist, dass** der Körper aus dem thermoplastischen Material aus einer im Wesentlichen festen Platte (1) besteht, von welcher sich von einer ersten Fläche (1a) wenigstens eine linear in Schichten angeordnete Haarlocke (2a, 2b, 2c, 2d) erstreckt, deren Enden von vorn auf der ersten Fläche (1a) fixiert sind, orthogonal zur ihrer Ebene, und deren zweite Fläche (1b), gegenüber der ersten Fläche (1a), Mittel zur permanenten Befestigung (3, 4, 5) oder Mittel zur temporären Befestigung (6, 7, 8) am Haar trägt.
2. Haarverlängerung nach Anspruch 1, **dadurch gekennzeichnet, dass** an der ersten Fläche (1a) der Platte (1), beginnend an deren Spitze (1c) mehrere lineare Haarlocken (2a, 2b, 2c, 2d) fixiert sind, die aufeinander und in einem geringen Abstand voneinander angeordnet sind.
3. Haarverlängerung nach Anspruch 1 oder 2, **dadurch gekennzeichnet, dass** die Mittel zur permanenten Befestigung eine Reihe von zahnförmigen Fortsätzen (3) umfassen, die integral mit der Platte (1) gebildet sind und in eine Richtung orthogonal zu der wenigstens einen linear in Schichten angeordneten Haarlocke (2a, 2b, 2c, 2d) hervorstehen, wobei die zahnförmigen Fortsätze (3) mittels Wärmeverformung gegen die zweite Fläche (1b) faltbar sind.
4. Haarverlängerung nach Anspruch 1 oder 2, **dadurch gekennzeichnet, dass** die Mittel zur permanenten Befestigung einen Seitenflansch (4) umfassen, der integral mit der Platte (1) gebildet ist, und in eine Richtung orthogonal zu der wenigstens einen

linear in Schichten angeordneten Haarlocke (2a, 2b, 2c, 2d) hervorsteht, wobei der Seitenflansch (4) mittels Wärmeverformung gegen die zweite Fläche (1b) faltbar ist.

5. Haarverlängerung nach Anspruch 1 oder 2, **dadurch gekennzeichnet, dass** die Mittel zur permanenten Befestigung zwei Seitenflansche (5) umfassen, die integral mit der Platte (1) gebildet sind, und in einer Richtung orthogonal zu der wenigstens einen linear in Schichten angeordneten Haarlocke (2a, 2b, 2c, 2d) hervorstehen, wobei die zwei Seitenflansche (5) mittels Wärmeverformung gegen die zweite Fläche (1b) faltbar sind.
6. Haarverlängerung nach Anspruch 1 oder 2, **dadurch gekennzeichnet, dass** die Mittel zur temporären Befestigung wenigstens einen Kamm (6) umfassen, der mechanisch an der zweiten Fläche (1b) der Platte (1) befestigt ist.
7. Haarverlängerung nach Anspruch 1 oder 2, **dadurch gekennzeichnet, dass** die Mittel zur temporären Befestigung ein doppelseitiges Klebeband (7) umfassen, das an der zweiten Fläche (1b) der Platte (1) angewendet wird.
8. Haarverlängerung nach einem der vorangehenden Ansprüche, **dadurch gekennzeichnet, dass** die Enden des Haares der wenigstens einen linear in Schichten angeordneten Locke (2a, 2b, 2c, 2d) durch Thermoadhäsion von vorn auf der ersten Fläche (1a) der Platte (1) fixiert werden.
9. Haarverlängerung nach Anspruch 1 oder 2, **dadurch gekennzeichnet, dass** die Mittel zur temporären Befestigung einen biegsamen Streifen (8) umfassen, der eine Vorderseite (8a) und eine Rückseite (8b) aufweist und drei aufeinanderfolgende faltbare Abschnitte (A, B, C) umfasst, wobei:
 - der erste Abschnitt (A) mit der zweiten Fläche (1b) der Platte (1) auf der Rückseite (8b) des Streifens (8) verbunden ist;
 - der erste Abschnitt (A), der zweite Abschnitt (B), und der dritte Abschnitt (C) auf der Vorderseite (8a) des Streifens (8) klebend sind und mit einer ersten entfernbaren Antiklebschicht (9) bedeckt sind; und
 - der dritte Abschnitt (C) auch auf der Rückseite (8b) des Streifens (8) klebend ist und mit einer zweiten entfernbaren Antiklebschicht (10) bedeckt ist.
10. Haarverlängerung nach Anspruch 9, **dadurch gekennzeichnet, dass** der erste Abschnitt (A) auf der Rückseite (8b) des Streifens (8) klebend ist, um das Verbinden der Platte (1) mit der zweiten Fläche (1b)

zu ermöglichen.

11. Verfahren zur Anwendung der Haarverlängerung nach Anspruch 9 oder 10 am Haar, **dadurch gekennzeichnet, dass** es die folgenden Schritte umfasst:

- Entfernen der ersten Antiklebschicht (9), um die klebenden Abschnitte (A, B, C) auf der Vorderseite (8a) des Streifens (8) freizulegen; 10
- Anwenden des Endes einer Haarlocke auf aufgefächerte Art und Weise auf dem zweiten klebenden Abschnitt (B);
- Schließen des zweiten klebenden Abschnitts (B) gegen den ersten klebenden Abschnitt (A); 15
- Erneutes Öffnen des zweiten klebenden Abschnitts (B) weg von dem ersten klebenden Abschnitt (A);
- Schließen des dritten klebenden Abschnitts (C) und Veranlassen einer Klebewirkung, indem Druck gegen den zweiten klebenden Abschnitt (B) ausgeübt wird; 20
- Entfernen der zweiten Antiklebschicht (10) und Aussetzen dieser einem dritten klebenden Abschnitt (C) auf der Rückseite (8b) des Streifens (8); und 25
- Schließen des ersten klebenden Abschnitts (A) und des dritten klebenden Abschnitts (C) und Ausüben von Druck, um zu verursachen, dass diese aneinander kleben. 30

Revendications

1. Extension pour cheveux formée par une mèche de cheveux (2) rendue solidaire par rapport à un corps réalisé à partir d'un matériau thermoplastique (1), qui est prévu pour s'ancrer aux cheveux, ladite extension pour cheveux étant **caractérisée en ce que** ledit corps réalisé à partir d'un matériau thermoplastique se compose d'une plaque sensiblement rigide (1) s'étendant à partir d'une première face (1a) à partir de laquelle s'étend au moins une mèche stratiforme linéaire de cheveux (2a, 2b, 2c, 2d), dont les extrémités sont fixées par l'avant à ladite première face (1a), orthogonale à son plan, et dont la seconde face (1b), opposée à la première face (1a), porte des moyens pour se fixer de manière permanente (3, 4, 5) ou des moyens pour se fixer de manière temporaire (6, 7, 8) aux cheveux. 35 40 45 50
2. Extension pour cheveux selon la revendication 1, **caractérisée en ce que**, fixées à ladite première face (1a) de la plaque (1), à partir de sa partie supérieure (1c), on trouve plusieurs mèches linéaires de cheveux (2a, 2b, 2c, 2d) placées les unes sur les autres et à une légère distance les unes des autres. 55
3. Extension pour cheveux selon la revendication 1 ou la revendication 2, **caractérisée en ce que** lesdits moyens pour la fixation permanente comprennent une série d'appendices en forme de dent (3), qui sont formés de manière solidaire avec ladite plaque (1) et font saillie dans une direction orthogonale à ladite au moins une mèche stratiforme linéaire de cheveux (2a, 2b, 2c, 2d), lesdits appendices en forme de dent (3) étant pliables au moyen de la déformation à chaud contre ladite seconde face (1b). 5
4. Extension pour cheveux selon la revendication 1 ou la revendication 2, **caractérisée en ce que** lesdits moyens pour la fixation permanente comprennent une bride latérale (4) qui est formée de manière solidaire avec ladite plaque (1) et fait saillie dans une direction orthogonale à ladite au moins une mèche stratiforme linéaire de cheveux (2a, 2b, 2c, 2d), ladite bride latérale (4) étant pliable contre ladite seconde face (1b) au moyen de la déformation à chaud. 10 15 20 25 30
5. Extension pour cheveux selon la revendication 1 ou la revendication 2, **caractérisée en ce que** lesdits moyens pour la fixation permanente comprennent deux brides latérales (5), qui sont formées de manière solidaire avec ladite plaque (1) et font saillie dans une direction orthogonale à ladite au moins une mèche stratiforme linéaire de cheveux (2a, 2b, 2c, 2d), lesdites deux brides latérales (5) étant pliables contre ladite seconde face (1b) au moyen de la déformation à chaud. 35 40 45 50
6. Extension pour cheveux selon la revendication 1 ou la revendication 2, **caractérisée en ce que** lesdits moyens pour la fixation temporaire comprennent au moins un peigne (6) mécaniquement fixé à ladite seconde face (1b) de la plaque (1). 35 40 45 50
7. Extension pour cheveux selon la revendication 1 ou la revendication 2, **caractérisée en ce que** lesdits moyens pour la fixation temporaire comprennent une bande adhésive double face (7) appliquée sur ladite seconde face (1b) de la plaque (1). 35 40 45 50
8. Extension pour cheveux selon l'une quelconque des revendications précédentes, **caractérisée en ce que** les extrémités des cheveux de ladite au moins une mèche stratiforme linéaire (2a, 2b, 2c, 2d) sont fixées par l'avant à ladite première face (1a) de la plaque (1) au moyen d'adhésion thermique. 35 40 45 50
9. Extension pour cheveux selon la revendication 1 ou la revendication 2, **caractérisée en ce que** lesdits moyens pour la fixation temporaire comprennent une languette flexible (8) ayant un côté avant (8a) et un côté arrière (8b) et comprennent trois parties consécutives pliables (A, B, C), dans laquelle : 35 40 45 50

- la première partie (A) est assemblée à la seconde face (1b) de ladite plaque (1) sur le côté arrière (8b) de la languette (8) ;
- la première partie (A), la deuxième partie (B) et la troisième partie (C) se collent sur le côté avant (8a) de la languette (8) et sont recouvertes avec une première couche antiadhésive amovible (9) ; et
- la troisième partie (C) se colle également sur le côté arrière (8b) de la languette (8) et est recouverte avec une seconde couche antiadhésive amovible (10).

10. Extension pour cheveux selon la revendication 9, **caractérisée en ce que**, pour permettre l'assemblage de ladite plaque (1) à la seconde face (1b), ladite première partie (A) se colle sur le côté arrière (8b) de la languette (8).
11. Procédé pour appliquer l'extension pour cheveux selon la revendication 9 ou la revendication 10 sur les cheveux, **caractérisé en ce qu'il** comprend les étapes suivantes consistant à :

- retirer ladite première couche antiadhésive (9) pour exposer lesdites parties adhésives (A, B, C) sur le côté avant (8a) de la languette (8) ;
- appliquer l'extrémité d'une mèche de cheveu d'une manière répartie sur ladite deuxième partie adhésive (B) ;
- fermer ladite deuxième partie adhésive (B) contre ladite première partie adhésive (A) ;
- rouvrir ladite deuxième partie adhésive (B) à distance de ladite première partie adhésive (A) ;
- fermer ladite troisième partie adhésive (C) et l'amener à se fixer en exerçant une pression contre ladite deuxième partie adhésive (B) ;
- retirer ladite seconde couche antiadhésive (10) et exposer ladite troisième partie adhésive (C) sur le côté arrière (8b) de la languette (8) ; et
- fermer ladite première partie adhésive (A) et ladite troisième partie adhésive (C) et les amener à se fixer l'une contre l'autre en exerçant une pression.

FIG. 1

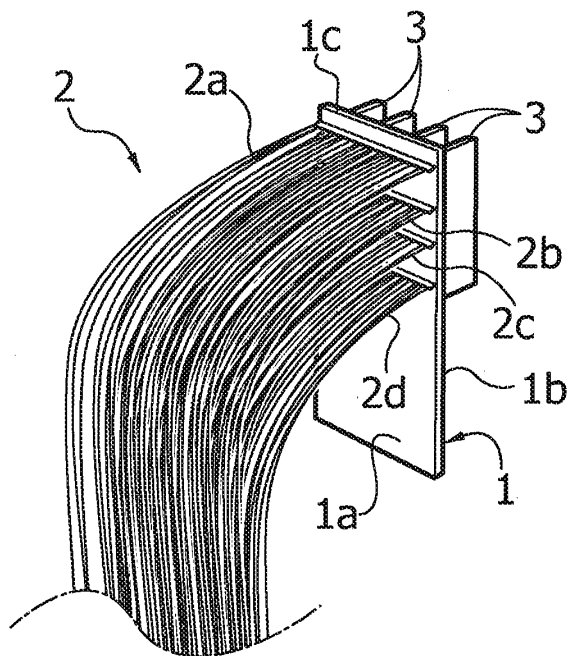


FIG. 2

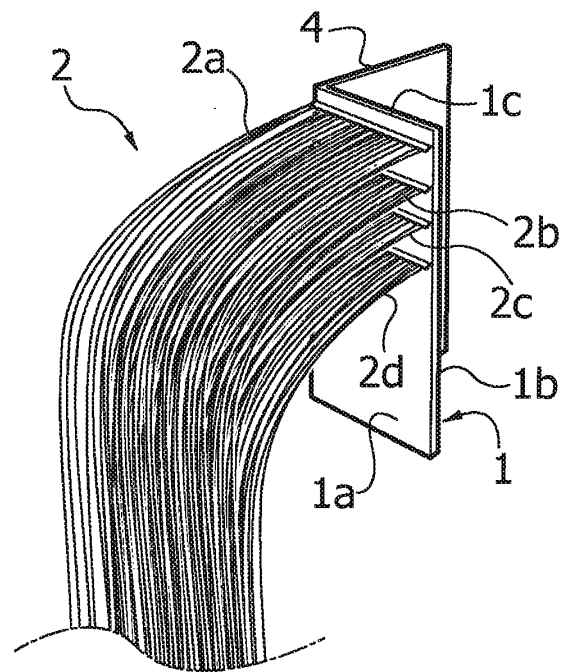


FIG. 3

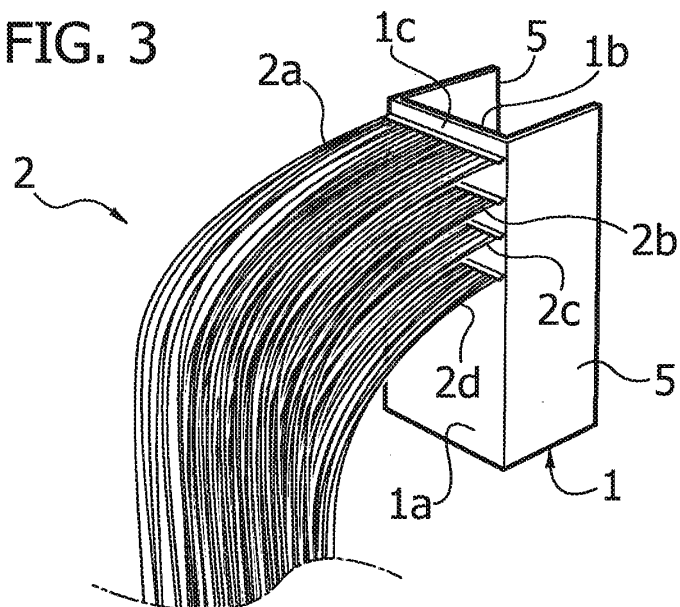


FIG. 4

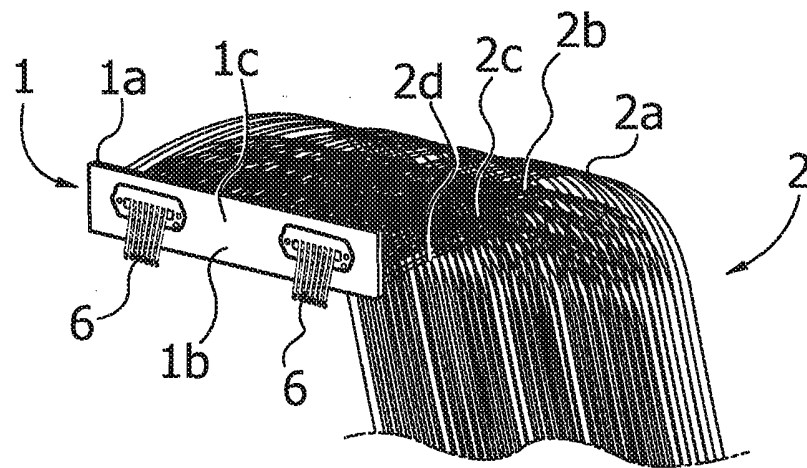


FIG. 5

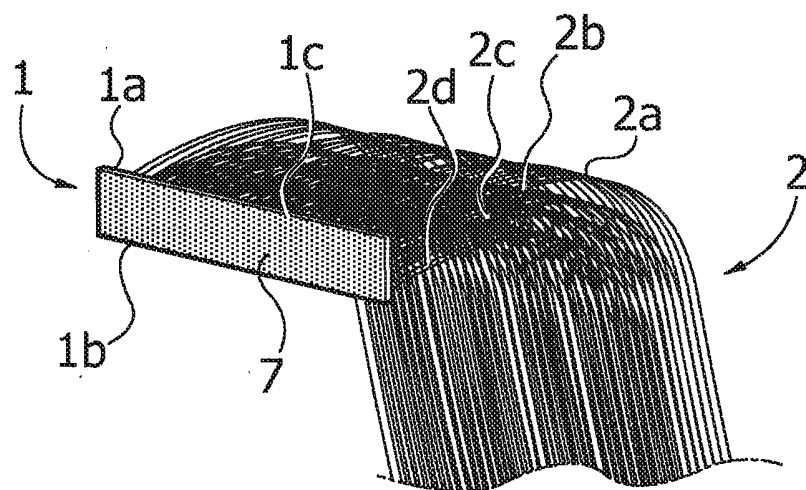


FIG. 6

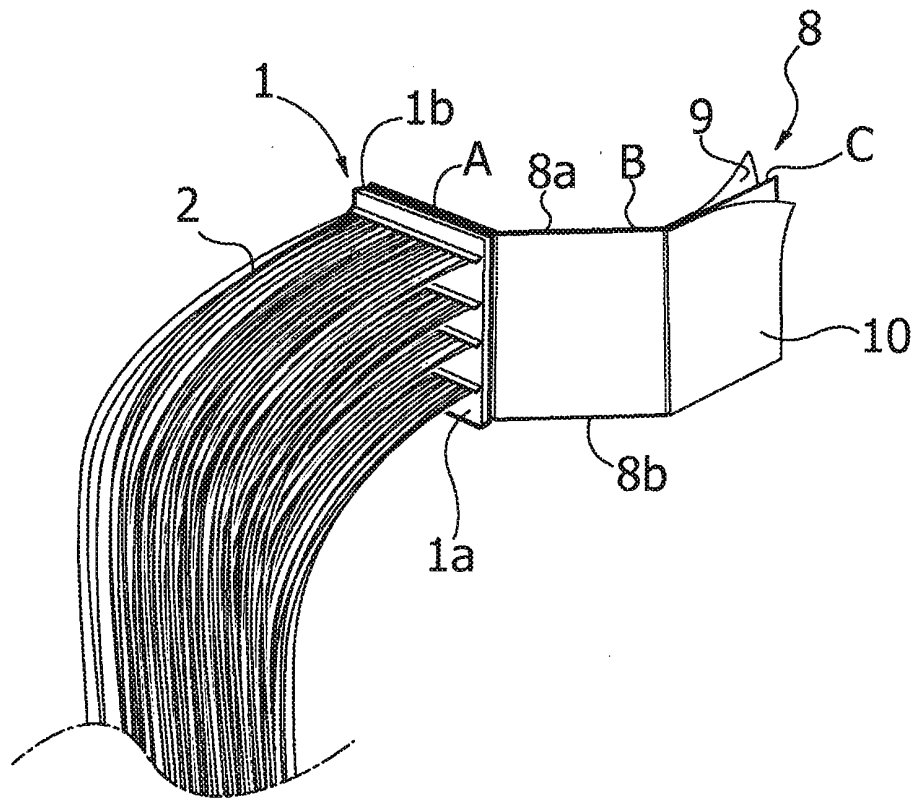


FIG. 7

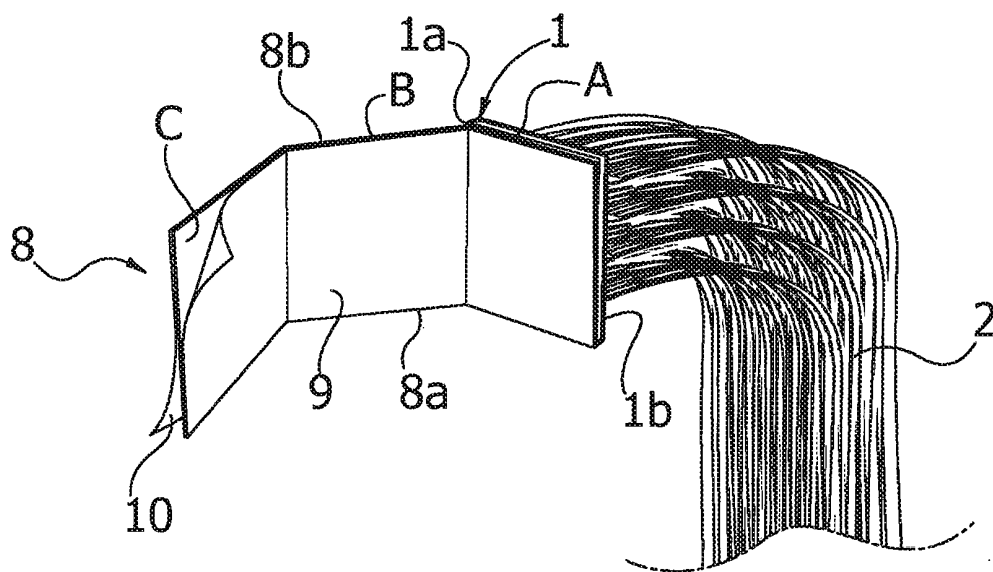


FIG. 8

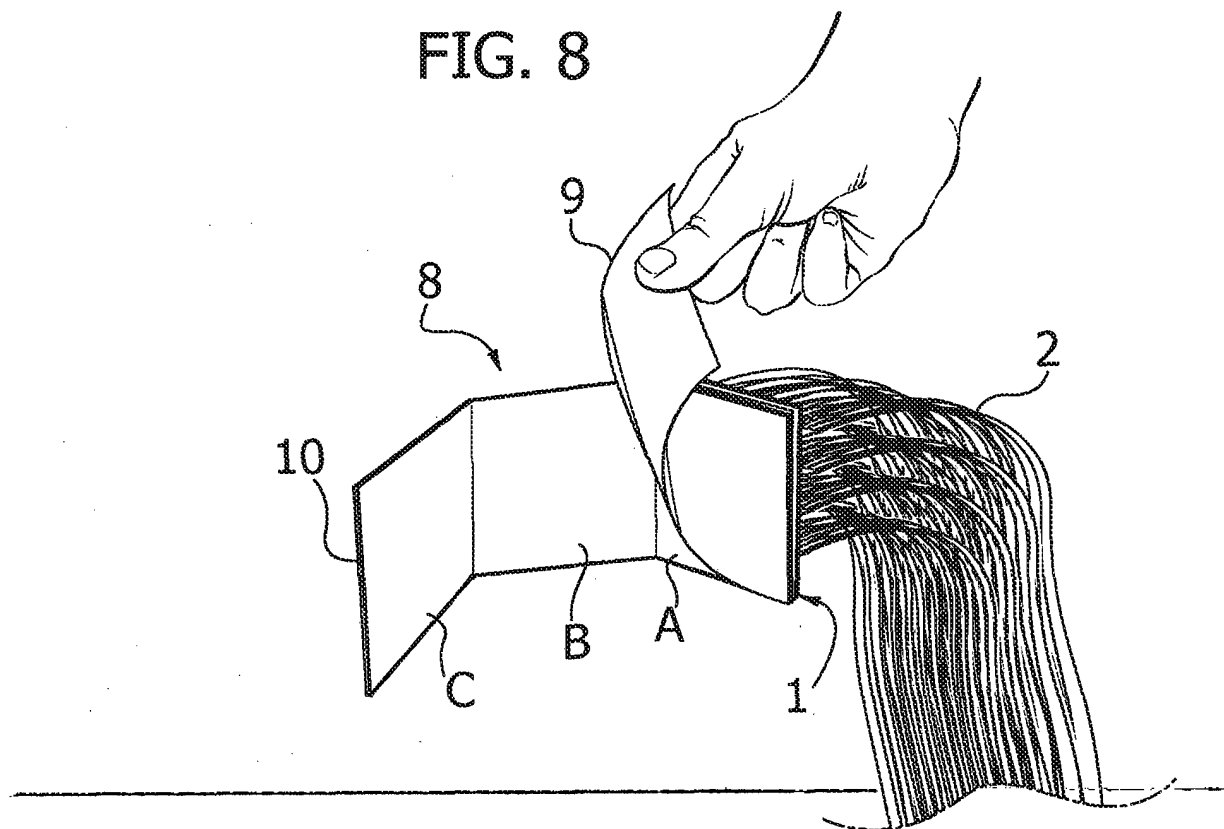


FIG. 9

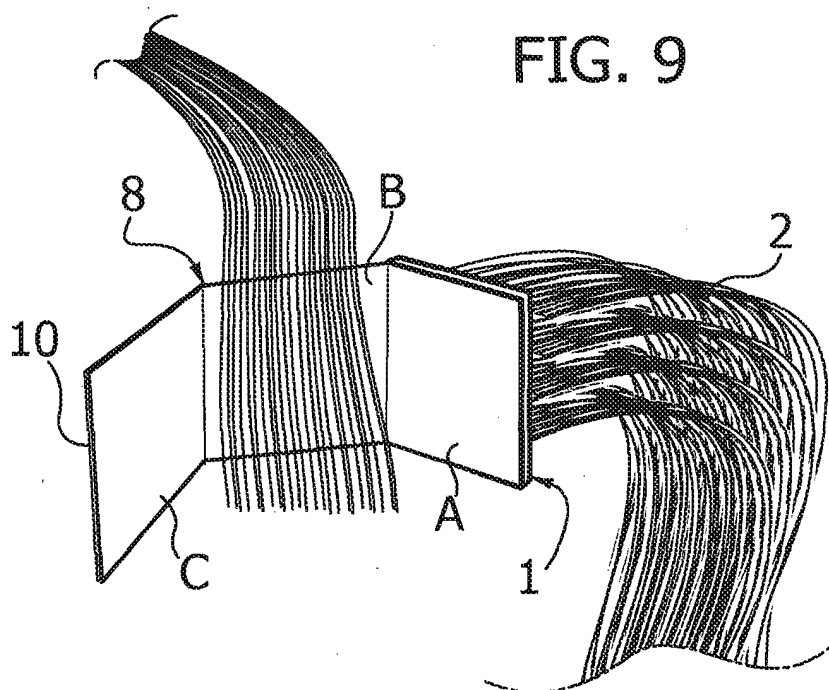


FIG. 10

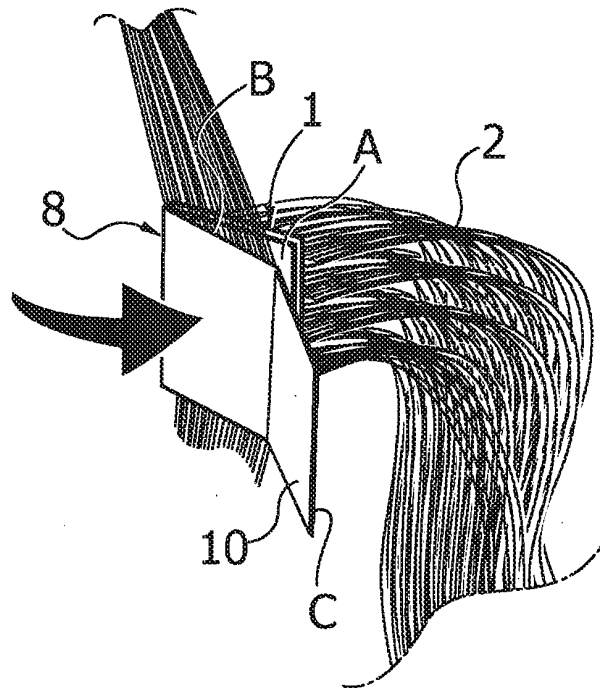


FIG. 11

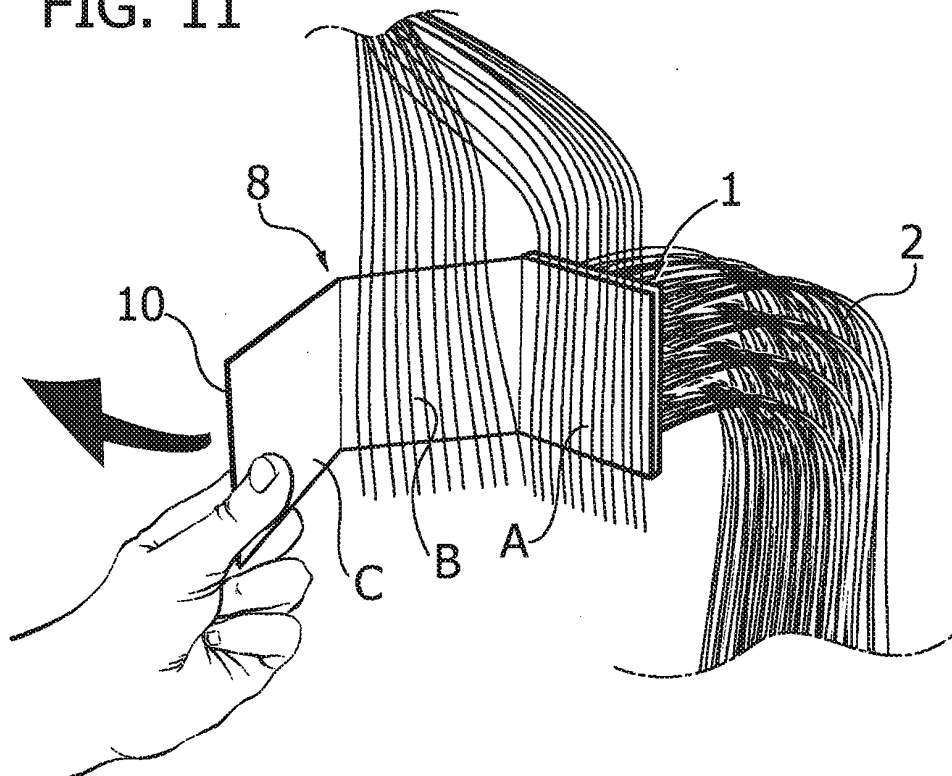


FIG. 12

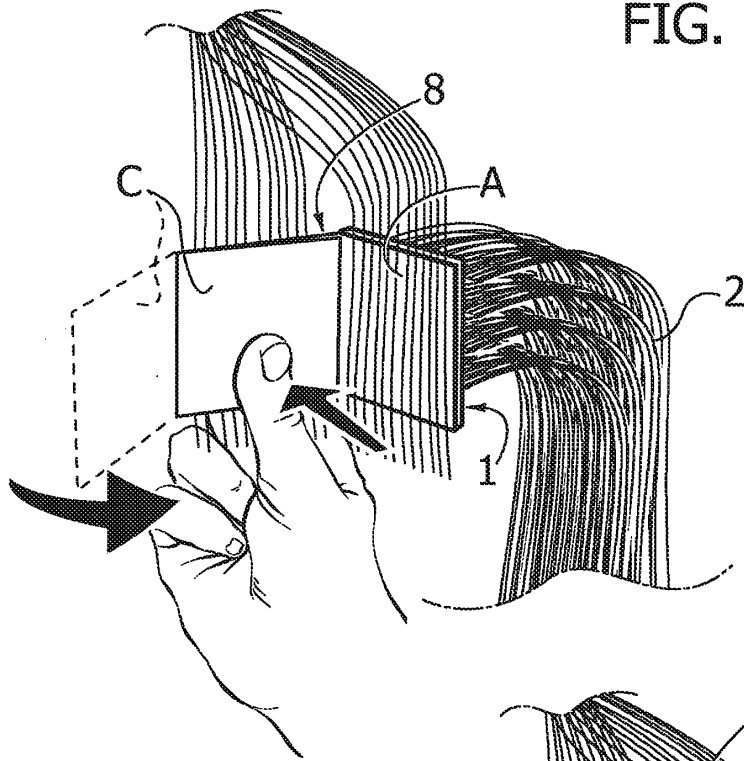


FIG. 13

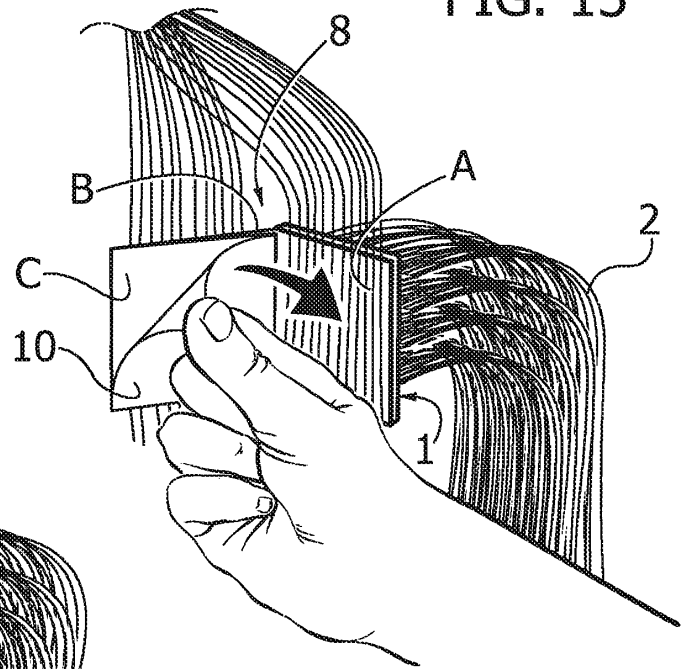
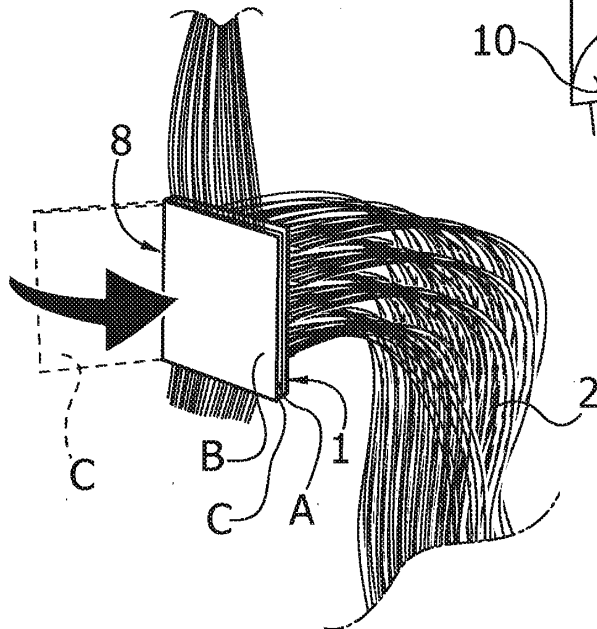


FIG. 14



REFERENCES CITED IN THE DESCRIPTION

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