

Sept. 4, 1951

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2,566,635

MILLINERY

Filed May 2, 1949

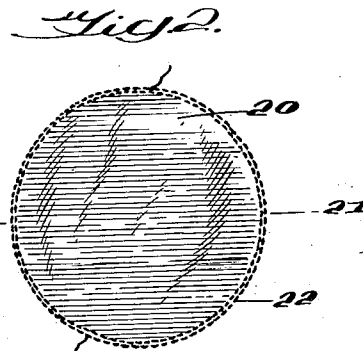
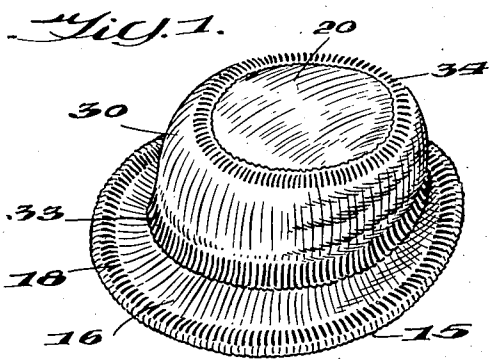


Fig. 3.

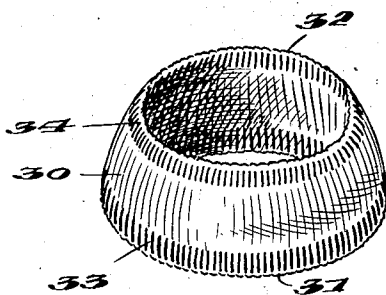


Fig. 4.

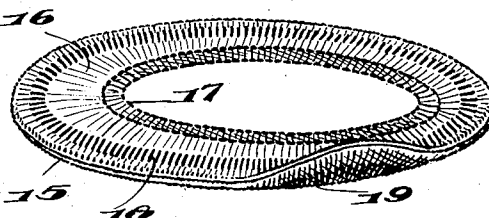


Fig. 5.

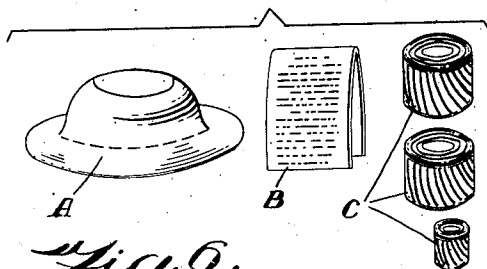
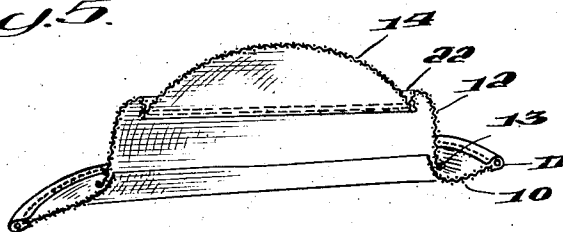


Fig. 6.

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2,566,635

MILLINERY

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Application May 2, 1949, Serial No. 90,883

17 Claims. (Cl. 66—171)

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This invention relates to the art of millinery and aims to provide a new and advantageous framed hand-knit hat construction and a method and kit particularly adapted for producing the same.

Particular objects of the invention, severally and interdependently, are the provision of a framed hand-knit hat so patterned that a person supplied with the required pattern and materials may successfully construct the same even though inexperienced in this field; the provision of such a hat consisting of a plurality of hand-knitted pieces so formed that when united at their meeting edges they fit smoothly and perfectly over the buckram frame for which they are knit; the provision of a hat of the class described in which the crown portion is constructed in a plurality of pieces providing a novel and artistic appearance while affording a smooth fit; the provision of a hat of the class described in which the knit brim portion is so constructed that no darting, pleating, bias-taping or sewing of any kind is needed around the edge of the brim in order to better the fit of the knit brim to the buckram brim frame; the provision of an improved method easily embodied in directions enabling a person who knows how to knit reasonably well to produce a hat shaped to the newest style and professional in appearance; the provision of a new article of manufacture in the form of a framed hand-knit hat kit capable of bringing the cost of such hats within reach of the less well-to-do; and the provision of other advantageous features and steps which will be apparent from the following description of preferred embodiments of the invention.

The invention resides in the novel features, steps and combinations hereinafter described and pointed out in the appended claims.

In the accompanying drawings forming a part of this specification:

Fig. 1 is a perspective view of a completed hat embodying the principles of the invention.

Fig. 2 is a plan view of the knitted crown-top section thereof.

Fig. 3 is a perspective view of the knitted crown-band section thereof.

Fig. 4 is a perspective view of the knitted brim section thereof.

Fig. 5 is a perspective view of the buckram frame thereof, partially cut away.

Fig. 6 is a diagrammatic perspective view of a kit comprising a hat frame, yarn, and directions, all correlated for the formation of a framed knit hat in accordance with the invention.

The illustrative embodiment exemplified in the drawings, as shown in Fig. 1, comprises a hat consisting of a buckram frame (Fig. 5) completely exteriorly covered by hand-knit elements of predetermined shape and size (Figs. 2, 3, 4),

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so that the entire exterior of the hat presents a neat and ornamental hand-knit surface (Fig. 1).

More particularly, as shown in Fig. 5, the buckram hat frame, of stiff but flexible mesh construction, is provided with a brim 10, shown as edged with bias tape 11, and sewed or otherwise secured to a buckram crown section, herein shown as comprising a crown wall 12, which may be provided with a reinforcing wire 13 contiguous to its lower edge to which the brim and crown wall may both be sewn. In the form shown, the frame-crown further comprises a frame-crown top 14, herein formed separately from and secured to the inturned upper edge of the crown wall 12 by sewing or otherwise. The frame exemplified in Fig. 5 comprises one of the coordinated elements of the hand-knit hat kit of the present invention, with which the quantity of yarn and detailed knitting instructions are correlated, and becomes an element of the finished hat exemplified in Fig. 1.

In the practice of the present invention the hat is constructed, preferably from the frame, yarn and directions correlated to provide a new hat knitting kit as an article of manufacture, by knitting each of the covering parts as a one-piece unitary seamless body adapted to exactly fit the corresponding part of the frame and to completely cover the exposed portions thereof, and each part is so knit that its exposed edges, overlapping or contiguous to other parts, present a neat and finished appearance.

The most difficult of the problems encountered is to provide a brim cover of such construction that no darting, pleating, bias-taping, or sewing of any kind is needed around the outer edge of the brim in order to provide a good fit of the knit cover to the buckram brim of the frame. In accordance with the present invention this is accomplished by a novel manner of knitting, prescribed by the instructions in the kit form of the invention, which basically consists in casting onto a circular needle a sufficient number of stitches (located at 15, Figs. 1 and 4) to correspond to the peripheral measurement of the brim 10. This step is followed by circular knitting accompanied by decreasing of the number of stitches, to form a generally flat annular top or bottom brim cover 16 (or 17), which is cast off as hereinafter described, after which the peripheral row of cast-on stitches is used as a starting row for knitting the second brim cover wall 17 (or 18). In the formation of these cover walls stockinette stitch* is preferably employed and in

* Arrived at by circular knitting.

suitably spaced relation to the peripheral row of cast-on stitches 15 either or both of the brim cover walls is knit to provide a band of ribbing 18 (or 19), which aids in snugging the cover in

place and at the same time affords an ornamental trim.

In general, the brim 10 of the hat frame will not be of uniform width, and therefore presents only a generally annular shape. Preferably in knitting the brim cover walls, the band or bands of ribbing exemplified at 18 or 19, are made concentric with the peripheral row 15 and the non-uniform width of the brim is compensated for in the knitting lying inwardly of the ribbed sections. In the case of the upper brim cover wall 16, the circular knitting is continued until a width is attained (usually at the rear of the hat) equal to the minimum width of the brim. When the minimum width is reached, a predetermined number of stitches are immediately cast off at the beginning of the following knit row. The minimum width having thus been taken care of on the last round of circular knitting, stitches are then progressively cast off at both sides of this point, alternate rows being knit and purled in reverse directions, until the entire inner periphery of this brim cover wall has been cast off providing an opening conforming to the inner periphery of the frame-band 10.

In the case of the lower wall, commenced by knitting into one of the peripheral stitches 15, said stitch (of great structural importance) being directly above and in line with the last stitch of the number of stitches cast off to take care of the minimum width of the upper brim wall, substantially the same knitting procedure is followed except that in knitting the under brim wall, when the minimum width is reached, the predetermined number of stitches are immediately cast off at the beginning of the last row of circular knitting, said beginning of last row being at a point where first stitch was picked up for knitting the under brim wall; thus the inner periphery edge of the under brim wall at its minimum width lays exactly in line with the inner periphery edge of the upper brim wall at the minimum width, and the following progressively cast off stitches of the under wall brim lay in line with those of the upper wall brim. A predetermined number of additional circular knit rows, preferably two, is inserted, desirably after the ribbed trim row has been knit.

As a result of the above procedure a brim cover is obtained having a peripheral line of cast-on stitches to engage the periphery of the frame brim 10, having an upper brim-covering surface conforming to the size and shape of the frame brim, and having a circular under brim cover wall which is sufficiently wider to turn in under the edge of the crown and be sewn thereto. The brim cover so constructed, both before and after mounting thereof on the frame-brim 10, is a generally annular flat walled member of inwardly opening U-shaped cross-section as shown in Fig. 4 with its underwall 17 extending somewhat further inwardly than its upper wall 16.

The center of the initially cast-off portions of the peripheries of the annular walls 16 and 17 lies at the rear center of the hat in the form shown and may readily be matched thereto, as the buckram wall 12 usually formed of a peripherally extending strip having its ends joined together at that point.

In the form shown the crown-top 20 (Figs. 1 and 2) is flat-knit in stockinette stitch starting with relatively few stitches, increasing the number as the center line 21 is approached, and then decreasing to the farther side of the element. This unit in the form shown is ultimately smooth-

ly laid upon the frame-crown top 14, Fig. 5, and sewn thereto marginally as at 22.

The crown-band 30, (Fig. 3) is knit * in stock-

* Circularly.

inette stitch, preferably commencing at its bottom edge 31, and being bound off at its top edge 32, so that the top edge is provided with a finished appearance and is less elastic than the main body of the crown-band.

Preferably as indicated in Figs. 1 and 3 the crown-band 30, contiguous to its lower edge, is provided with a band of ribbing 33 which contributes to the snugging of the lower edge thereof and also may take the place of ribbon trim on the hat.

In addition the crown-band 30 is preferably provided contiguous to its upper edge 32 with another band of ribbing 34 which contributes to the neat and ornamental appearance of the assemblage.

Following the construction of the pieces exemplified in Figs. 2, 3 and 4, and light pressing thereof, the crown piece, Fig. 2, is secured on the crown-frame top 14 preferably with its stockinette rows paralleling the front-to-rear center line of the crown. The brim cover, Fig. 4, is then applied with its peripheral row 15 abutting the periphery of the frame-brim 10, and the inner annular edges of the piece 17 are then preferably sewed to the frame. The crown-band, Fig. 3, is thereafter applied with its edge 32 overlapping the cast-off edges of the crown-top 20, and with its lower edge 31 lapping, and preferably overlapping, the inner cast-off edge of the brim cover top wall 16. These overlapping edges are then sewn in place to complete the finished product.

The invention is adapted to hats of various sizes and shapes provided with closed or open crowns * and is not limited to the particular

*As well as various and unusual knit stitches.

embodiments herein set forth to exemplify the same.

The kit form of the invention, to attain the aforesaid objects, as exemplified in Fig. 6, comprises a hat frame A (exemplified in more detail in Fig. 5), a set of directions B for producing knit parts correlated therewith, and a supply of yarn C sufficient to enable complete carrying out of the directions.

In the particular embodiments herein selected for illustration, the hat frame-crown may have an average diameter of approximately seven inches and an average depth of about three inches, and its brim may have a width varying from about two and one-fourth inches in the front to about one inch in width at the rear, and the directions included in the kit may conform generally to the following exemplifying "Directions for Hand Knit Hat" (copyright 1949 by applicant and duly deposited at the Copyright Office), which directions are hereby made a part of the illustrative embodiments of this disclosure:

DIRECTIONS FOR HAND KNIT HAT

(Copyright 1949)

MARGARET M. REDDY

Materials: $\frac{1}{8}$ " circular needle No. 2; 1 pair 7" straight needles No. 2.

Gauge: 8 stitches to one inch. 12 rows to one inch. (Directions allow for slight gauge variation)

Knitting information:

I. To cast on: (1) The "Knitted-on" method, using two needles or both points of circular

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needle; or (2) the "cast-on with one needle" method.

II. To cast off: All stitches, knitted, purled or ribbed will be knit off.

III. To increase at beginning and end of knit rows: K1, knit into back of next stitch, knit into front of same stitch, knit across row to next to last stitch, knit into back of stitch, knit into front of same stitch, K1.

IV. To increase at beginning and end of purl rows: K1, knit into back of next stitch, yarn over (yo), purl into front of same stitch, purl across row to next to last stitch, yo, knit into back of stitch, yo, purl into front of stitch, P1.

V. To decrease at beginning and end of knit rows: K1, K2 together, K across row to next to last 3 stitches, K2 together, K1.

VI. To decrease at beginning and end of purl rows: P1, P2 together, purl across row to next to last 3 stitches, P2 together, P1.

Directions for crown top (stockinette stitch)

Using straight needles, cast on 10 sts. Increase each end of first row, which is a knit row, and increase each end of every knit and purl row, until 48 sts. are on needle. Now stockinette even for 3", ending on purl row. Decrease each end of every row, until 12 sts. are on needle. Cast off not too tight.

Note: If you are an exceptionally tight knitter, increase this piece to 50 sts. before beginning the 3" of even stockinette. Decrease to 12 sts. as above.

Directions for crown band

With circular needles, cast on 176 sts. Rib in K1, P1 for 1 inch.

Next row: *Knit 2 tog., K6. Repeat from * around row.

Knit plain for 2 inches.

Next row: Rib in K1, P1. Continue rib for 1/2 inch.

Next row: Turn work wrong side to you, slip one st. from left point of needle to right point of needle. Cast st. to right of slipped st. off, and working to left, cast off (tight) around row. Break yarn long enough to thread needle, and catch first and last cast-off stitches together securely.

Directions for upper brim

With circular needles, cast on 255 sts. Knit plain for 1/2 inch.

Next row: *K1, P1, K1, P1, K1, P1, K1, P1, K1, P1, K1 P1, K2 tog. P1. Repeat from * around row. (240 sts. now on needle.)

Rib even (K1, P1) for 5 more rows. (1/2" in all).

Next row: (knit row) *K2 tog., K10. Repeat from * around row. (220 sts. now on needle.)

Note: Omit following directions enclosed in bracket for upper brim, but use them for under brim.

[(Knit plain around next 2 rows.)]

Next row: K2 sts., cast off one of them, and cast off 19 more 20 in all. Knit around rest of row. (200 sts. now on needle.)

Note: First st. to be cast off on all rows to follow, will be slipped to right point of needle before being cast off.

Next row: (purl row) Cast off 3, (Knit them off), yo, p across row.

Next row: (knit row) Cast off 3, K across row.

Next row: (purl row) Cast off 22, yo, P across row.

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Next row: (knit row) Cast off 22, and with one st. on right point of needle, K5 more * K2 tog. K6. Repeat from * across row.

Next row: (purl row) Cast off 3, yo, P across row.

Next row: (knit row) Cast off 3, K across row.

Next row: (purl row) Cast off 6, yo, P across row.

Next row: (knit row) Cast off 5, and with one st. on right point of needle, K next 2 sts. tog., *K5, K2 tog. Repeat from * across row.

Next row: (purl row) Cast off 6, yo, P across row.

Next row: (knit row) Cast off 6, K across row.

Next row: (purl row) Cast off 6, yo, P across row.

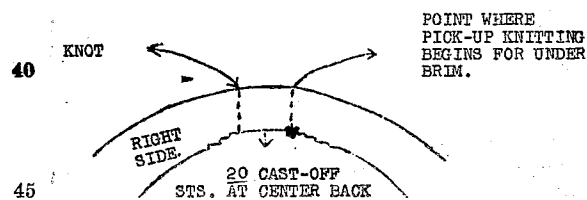
Next row: (knit row) Cast off 6, K across row.

Next row: (purl row) Cast off all, not too tight.

Knitting information

To pick up cast-on stitches: Hold right side of upper brim to you, with cast-on edge at top. Using loops at very edge of work * insert left point of circular needle into loop of cast on stitch. Insert right point of needle into same loop, as for knitting, and knit this stitch onto right point of needle. Repeat from * working to left, until 255 sts. are picked up. Tie yarn when last stitch is picked up. Tie colored thread to your several inches of free yarn, so as to point out beginning of each row to follow. *Important:* Pick up carefully over knot made when upper brim stitches were cast on. Do not force point of needle through knot, but pick up this one stitch directly under knot, being sure not to miss the next stitch to left of knot.

DIAGRAM



* Represents last cast-off stitch at center back on finished upper brim. The cast-on stitch directly above and in line with * is first pick up stitch for under brim.

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Directions for under brim (circular needles)

Pick up, and knit onto circular needles the 255 sts. around outer edge of upper brim. Repeat directions for upper brim, including directions enclosed within brackets.

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Instructions for covering frame:

I. Steam press knitted pieces lightly, before placing them onto frame. Brim is pressed on the double.

II. Basting. Use cotton thread, unlike color of yarn. Sew in and out through frame.

III. *Step 1.*—Place cast-off edge of top crown at center front of frame top. Let this edge and all edges of this piece fit down to groove line of frame. Baste into place. Baste cast-on edge to center back of top. Pull sides into place, baste along straight edges. Pull intervening sides into place and baste. Sew permanently with double cotton thread which matches yarn. Pull out basting thread.

Step 2.—Find center back of upper brim. Fit it over center back of frame brim and with right hand holding knitted brim in place, work piece onto brim counterclockwise. Work slowly, as

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frame brim will likely bend temporarily during this process. Straighten into exact place. Baste around outer edge, with pick up line precisely in place along edge of brim. Pull inner edge of under brim slightly up into inside of hat. Whip into place (not catching inner edge of upper brim knitting).

Step 3.—Place crown band onto hat with narrow ribbing at top. Baste top edge barely over line of sewing done around edge of top crown; at same time, however, see that band comes over top crown enough to cover reducing and increasing sts. of top crown. With single strand matching thread, sew in and out, through frame, through every, or every other cast-off stitch around edge of rib. Break off thread on inside of hat when finished securely. With lower edge of crown band slightly overlapping inside edge of upper brim, sew through knitting only to catch those two edges together. Make neat, pulled tight stitches here, as ribbing takes the place of ribbon trim on hat. Let crown band wrinkle above lower ribbing for casual effect. Pull out basting threads on brim edge.

Step 4.—Lining. Light weight material. Circle $6\frac{1}{2}$ " in diameter. Bias piece $4\frac{1}{2}$ " x 33". Gather one edge of bias piece evenly around edge of circle. Seam allowance $\frac{3}{8}$ ". Let ends of bias strip overlap $\frac{1}{2}$ " at back. Press seam toward center. Place lining into hat, turn raw edge under $\frac{1}{4}$ ". Whip into place barely over edge of knitting.

Step 5.—Hat pins (optional). Cover any size hat pin head by casting on 4 sts., increasing each end of every row to desired width. Decrease back to 4 sts. Slip over pin head, sew sides together and small ends together around pin.

Note: Do not handle uncovered frame with damp cloth. Do not pull any loose threads on frame, but cut them off with scissors.

Alternate directions

Top.—Same.

Crown band.—With circular needles, cast-on 176 sts. Rib in K2, P2 for 1".

Next row: K2, *P2 tog., K2, P2, K2. Repeat from * around row, ending with K2, P2, after last P2 tog.

Knit plain for 2".

Next row: K2 tog., K2 tog., P2 *K2, P2. Repeat from * around row.

Rib in K2, P2 for 4 more rows.

Cast off as for single rib crown band.

Upper brim.—With circular needles, cast-on 255 sts. Knit plain for $\frac{1}{2}$ " (6 rows).

Next row: *K2, P2, K2, P2, K2, P2, K2, P2 tog., P1. Repeat from * around row.

Next row: Rib in K2, P2. Rib in K2, P2 for 5 more rows.

Next row: *K2, P2, K2, P2, K2, P2 tog. Repeat from * around row, ending with K2, P2, K2, P2, after last P2 tog. (220 sts. now on needle.)

Rest of work same as for single rib brims.

From the foregoing description it will be apparent that the present invention provides a new and useful framed hand-knit hat and method for making the same which may be manufactured and distributed either in completed or in kit form, and that the invention is not limited to the particular embodiments herein described. It is therefore to be understood that the exemplary embodiments herein described are illustrative and not restrictive of the invention, the scope of the invention being defined in the appended claims.

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All modifications which come within the meaning and range of equivalency of the claims are therefore intended to be included therein.

I claim as my invention:

1. A framed knitted hat comprising a buckram frame having a crown and a brim, a knitted generally circular crown-top mounted on the top of said frame crown, a knitted generally annular brim cover mounted on said frame-brim and covering the top and bottom thereof, and a knitted sleeve-like crown-band embracing the sides of the frame-crown and in lapping relation to the outer edge of said crown-top and the inner upper edge of said brim cover.

2. A framed knitted hat comprising a buckram frame having a crown and a brim, a knitted generally circular crown-top mounted on the top of said frame crown, a knitted seamless generally annular brim cover mounted on said frame-brim and covering the top and bottom thereof, and a knitted seamless sleeve-like crown-band embracing the sides of the frame-crown and in lapping relation to the outer edge of said crown-top and the inner upper edge of said brim cover.

3. A framed knitted hat comprising a buckram frame having a crown and a brim, a knitted generally annular brim cover mounted on said frame brim and covering the top and bottom thereof, and a knitted sleeve-like crown band embracing the sides of the frame crown in lapping relation to the inner upper edge of said brim cover.

4. In a framed knitted hat, a buckram frame having a brim, and a relatively elastic knitted seamless generally annular brim cover of inwardly opening U-shaped cross-section resiliently enclosing said brim and covering the top and bottom faces thereof.

5. A framed hand-knot hat comprising a buckram frame having a crown and a brim, a hand-knit seamless one-piece crown band embracing said crown, and a hand-knit seamless one-piece relatively elastic generally annular brim cover of inwardly opening U-shaped cross-section enclosing said brim.

6. A framed knit hat comprising a buckram frame having a crown and a brim, a hand-knit seamless one-piece relatively elastic generally annular brim cover of inwardly opening U-shaped cross-section enclosing said brim, and a hand-knit seamless one-piece crown band embracing said crown and the upper inner edge of said brim cover, said crown band having an integral ribbed section contiguous to its lower edge simulating a ribbon trim.

7. A framed knit hat having a buckram frame comprising a crown and a brim and having a circular knit continuous annular brim cover of inwardly opening U-shaped cross-section embracing its frame brim.

8. A knit brim cover for a framed knit hat including a brim, said cover comprising an upper generally annular section bound off at its inner edge and a lower generally annular section bound off at its inner edge, said two sections being joined at their outer annular edges by a brim edging pick-up line.

9. A knit crown-band for a framed knit hat including a crown, said crown-band being in the form of a continuous circular knit tube of predetermined depth, said tube being tightly bound off at its upper annular edge so as to provide thereat a relatively inelastic pucker-free crown-top framing edge of reduced circumference.

10. The method of forming a hand-knit hat on a buckram frame having a crown and a brim, which consists in knitting a crown-top section of approximately circular form, circular knitting a continuous one-piece generally annular seamless brim-cover of inwardly opening U-shaped cross-section, and circular knitting a continuous one-piece crown-band bound off at its upper edge with a radius less than that of said crown top section, applying the knitted top-section and brim-cover to the corresponding parts of the frame, and applying the knitted crown-band about the crown of the frame with its bound-off edge overlapping the edge of the crown-top and its lower edge lapping the inner upper edge of the brim-cover section.

11. A method according to claim 10 in which parts are stockinette-knit, in which the crown-band is rib-knit contiguous to its top and bottom edges, and in which the top and bottom walls of the brim-cover are rib-knit in bands concentric with and spaced from the rim edge thereof.

12. A method according to claim 10, in which parts are stockinette-knit and in which the crown-top is applied to the form with its knit rows directed parallel to the front-to-back center line of the frame-crown.

13. The method of knitting a hat brim cover which consists in casting on a sufficient number of stitches to correspond to the outer circumference of the brim to be covered, circular-knitting a seamless first generally flat annular brim covering wall and binding off the same with an inner circumference corresponding to the inner circumference of the brim to be covered, picking up the initially cast-on stitches and circular knitting therefrom a second seamless generally flat annular wall and binding off the same with an inner circumference somewhat smaller than the inner circumference of the brim to be covered.

14. A knit brim cover for a framed knit hat including a brim, said cover comprising upper

and lower generally annular circular knit sections joined at their outer edges and each progressively decreasing in number of stitches per knit row from its outer edge to its inner edge generally in proportion to the radius of the row, whereby said brim cover inherently presents an inwardly opening parallel walled U-shaped cross section substantially free from pucker in an unstretched condition.

15. A knit brim cover according to claim 14 in which in at least one of said sections the rows of knitting adjacent the inner row thereof are incomplete circular rows having at one side of the annulus gaps therein widening progressively toward the innermost row, whereby the annulus is fashioned to fit a brim frame of non-uniform width.

16. For use in the production of a framed hand-knit hat, a kit comprising a frame for the hat, yarn, and instructions for producing said hat in accordance with the method of claim 10.

17. For use in the production of a framed hand-knit hat, a kit comprising a frame for the hat, yarn, and instructions for producing therefrom a hat according to claim 1.

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