

28" - Body Pattern and Assembling Instructions

MATERIALS LIST

Armature

24" Armature by Expressions®
or 67" of 1/4" armature links
1 "T" and 1 "Y" joint, 1/4" diameter
Armature pliers for 1/4" plastic links
6" of #9 aluminum wire
Polyester fiber-fil or paper toweling
Low Temp glue and glue gun
Finished porcelain hands, feet
head and breast plate
heavy weight thread

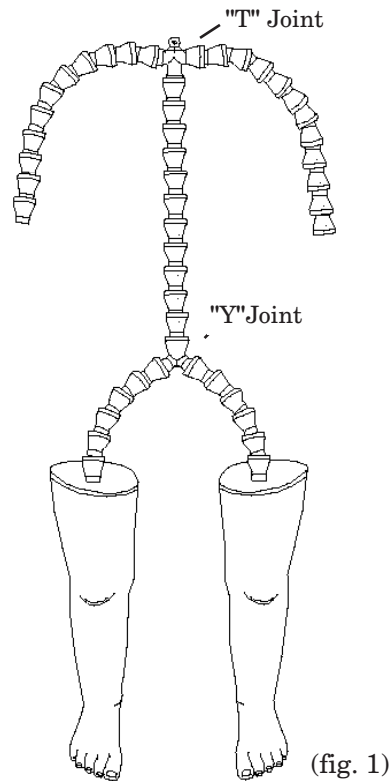
Cloth Body

3/4 yd. of 38" wide heavy weight muslin
Thread to match
20 gauge copper wire
Polyester fiber-fil
18" of 5/32" round elastic
16" of 1/2" twill tape
Fray Check
Craft glue such as Velvelette

GENERAL INFORMATION

Cut pattern carefully on bold line being sure to cut out all pieces. Mark darts and pattern "dots" on wrong side of fabric unless otherwise indicated. All seam allowances are 1/4" unless otherwise stated. If you wish to save the original pattern, use vellum or tracing paper for pattern pieces.

Cut out all pattern pieces. You will have:
2 body pieces
4 arms



Armature Diagram

Armature Construction

Separate links into 3 parts as follows: 11 links for each arm, 11 links for torso, 17 links for each leg. Using armature diagram as your guide, snap 11 beads together for each arm. With loop of "T" joint at top, snap arm links to each side of "T". For torso, snap 11 beads together on remaining joint at bottom of "T". Insert the 6" piece of #9 aluminum into torso for reinforcement. Snap tail of "Y" joint to end of torso. Snap together 17 beads for each leg and attach to remaining ends of "Y" joint.

Legs: Attach porcelain legs by inserting 5 beads of leg armature into leg cavity leaving 5 beads outside. Pack polyester fiber-fil or strips of paper toweling inside leg cavity. Be sure to pack tightly around armature beads. Keep armature centered in leg cavity. Stuff to within 1" of leg rim. Fill remaining cavity with low temp glue, being careful to glue beneath leg rim and around armature beads. Keep armature centered in leg cavity (fig. 1).

WARNING: All glue guns are hot enough to cause burns. Use care when handling.

Cloth Body Construction

Stitch darts on both body pieces. Sew leg tuck on both body pieces. Place body pieces right sides together. Stitch center back and center front seams. Clip curves. Matching center seam, stitch inseam

Sew two pair of arm pieces together, sewing inner seam first up to dot. Turn up casing and stitch. Sew outer arm seam. Clip outer curve.

Body Construction

Keeping body shell inside out, slip feet into leg openings as shown pull leg openings up to the top of porcelain legs where the groove is located

Line up outside and inside leg seams of body shell with the sides of the porcelain legs. Align wire casing mark on the leg openings with the groove in the porcelain.

Cut a piece of 20 gauge copper wire. Position the wire around the leg openings so that it lays in the groove.

Secure by twisting ends of wire together with needle nose pliers. (fig. 2)

Cut wire off leaving 1/2" tail, bend tail flat against leg, repeat for opposite leg.

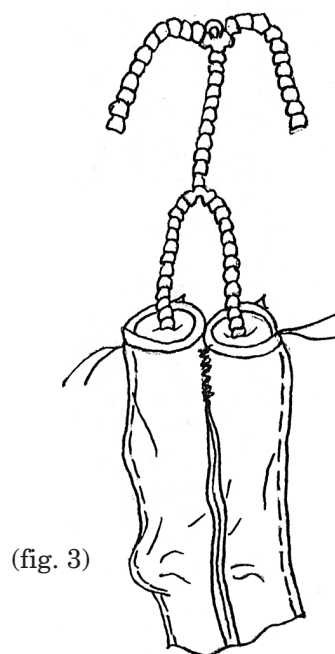
Turn body shell right side out over legs and armature.

Stuff body with polyester fiber fil. Pack stuffing around armature, keeping armature in center of dolls body. Stuff firmly. Run 18" of 5/32" round elastic through hole in "T" joint for attaching head. Spread a layer of stuffing over the shoulder tops. Fold under excess fabric at top of body and slip stitch into place by hand with quilting thread. (fig. 3)

Arms:

Insert length of 20 gauge copper wire through casing of cloth arms. Pull cloth arm over snap bead armature and stitch to stuffed body, turning under 1/4" (fig. 4).

At this point it is time to place the breast plate on the body. Be sure to pull elastic for head attachment through neck hole in breast plate.



(fig. 3)

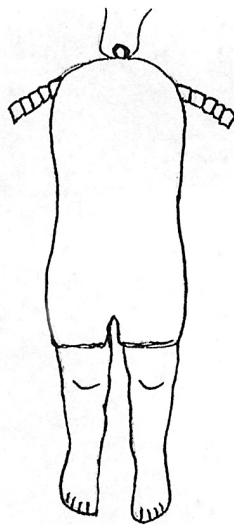
Thread snap bead arm and cloth arm through armholes in breast plate, now you are ready to attach porcelain arms. (fig. 5)

Insert 4 beads in each arm cavity, firmly pack with poly-fiberfill or paper towel, keeping armature centered. Fill last 1" of arm cavity with low temperature glue. (fig. 6)

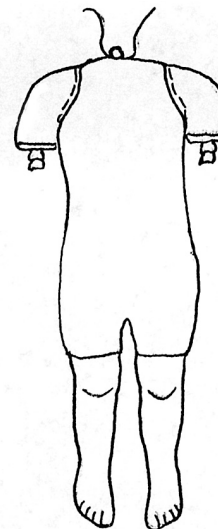
Once glue has set up, stuff cloth arm with poly-fil, make sure you get poly-fil up inside cloth arm in breast plate.

After you have stuffed cloth arm, slip cloth arm over porcelain arm until wire in casing fits into porcelain groove. Twist to secure. Again you may want to put glue in porcelain groove to make arm more secure.

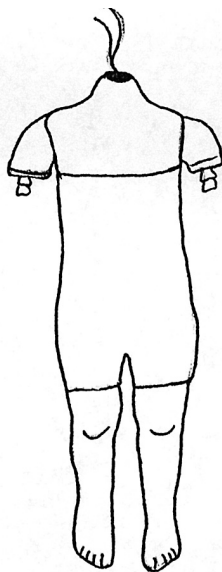
Attaching Head to Breast Plate: Attach head to breast plate by running both strands of elastic through center hole in breast plate. Thread one strand of elastic through each hole at the top of head. (fig. 7) Tie securely. Head should be adjustable, but not loose, in shoulder plate.



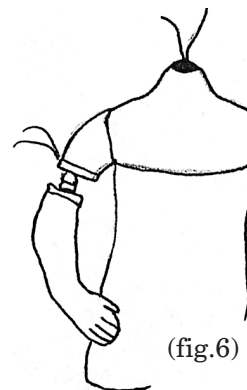
(fig. 3)



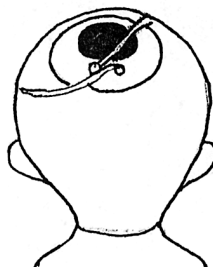
(fig. 4)



(fig. 5)



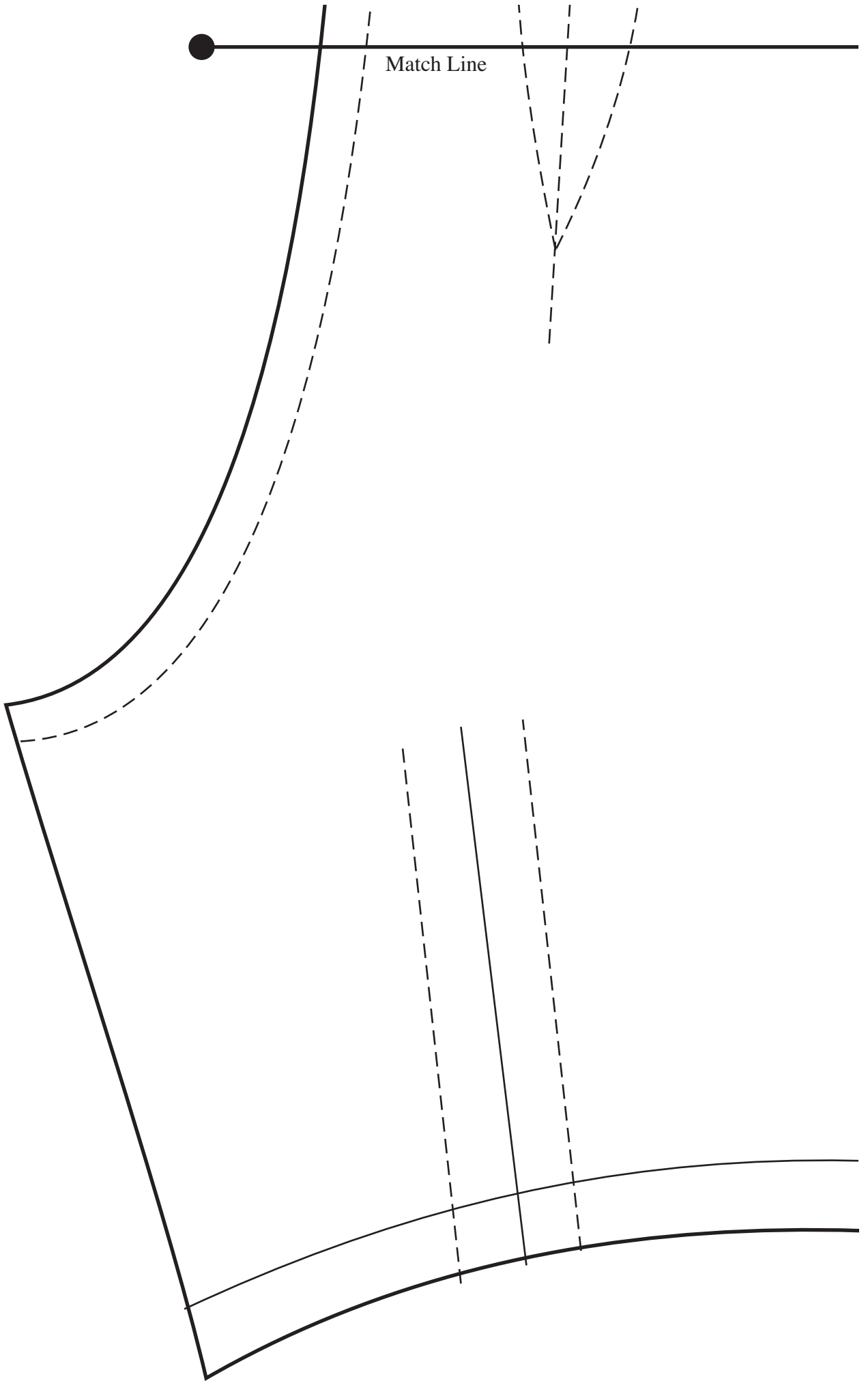
(fig.6)



(fig. 7)

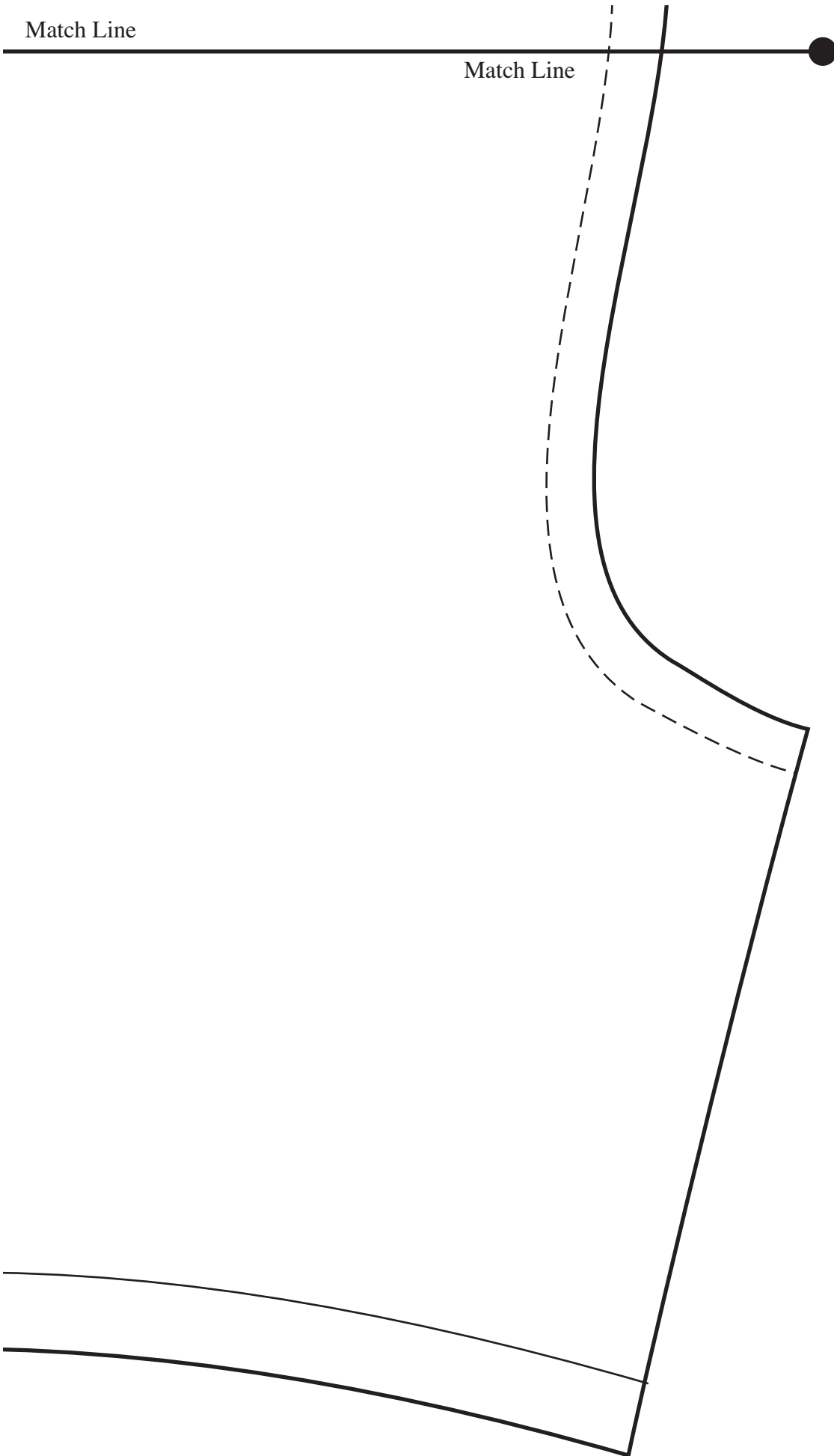


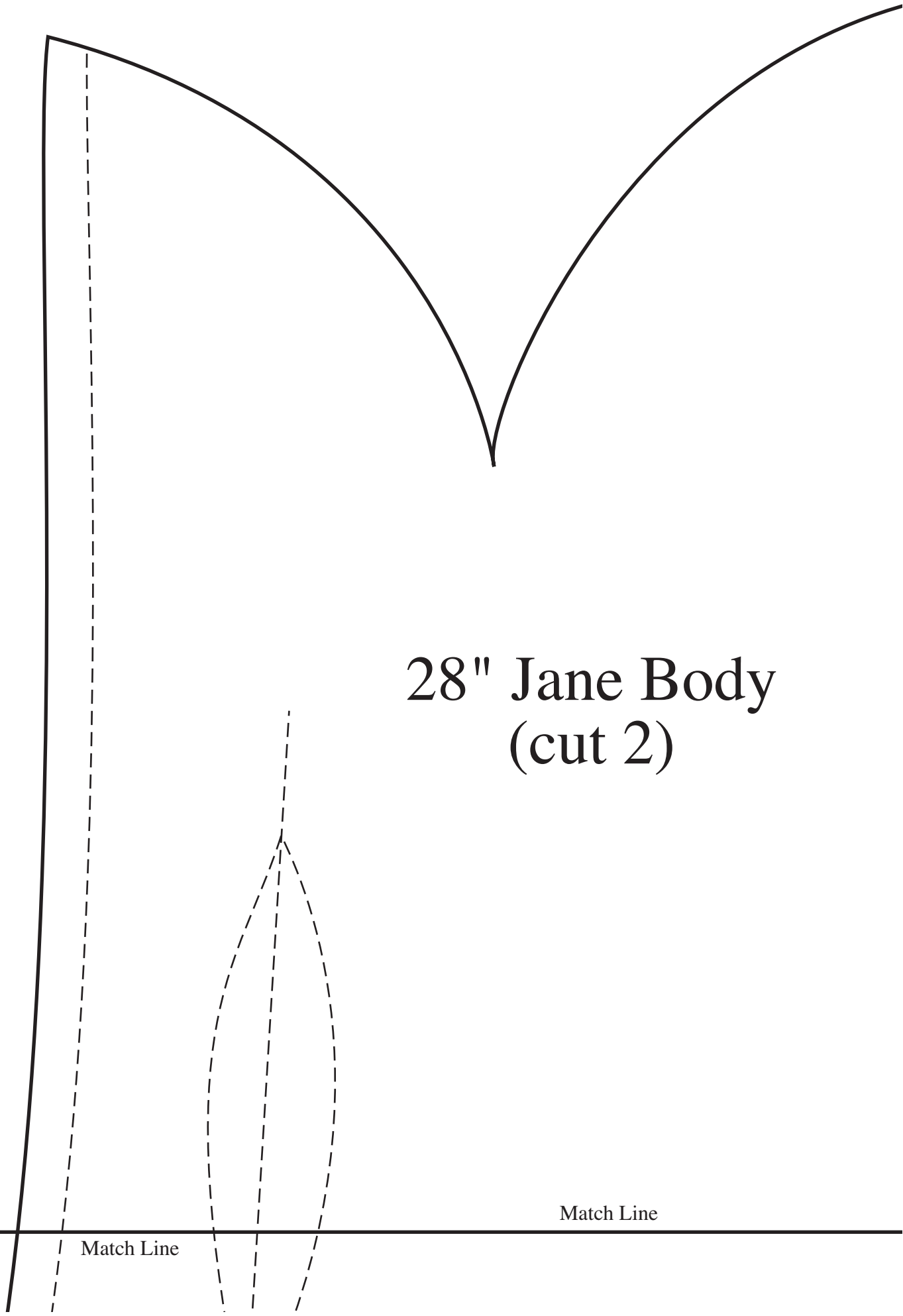
Match Line



Match Line

Match Line



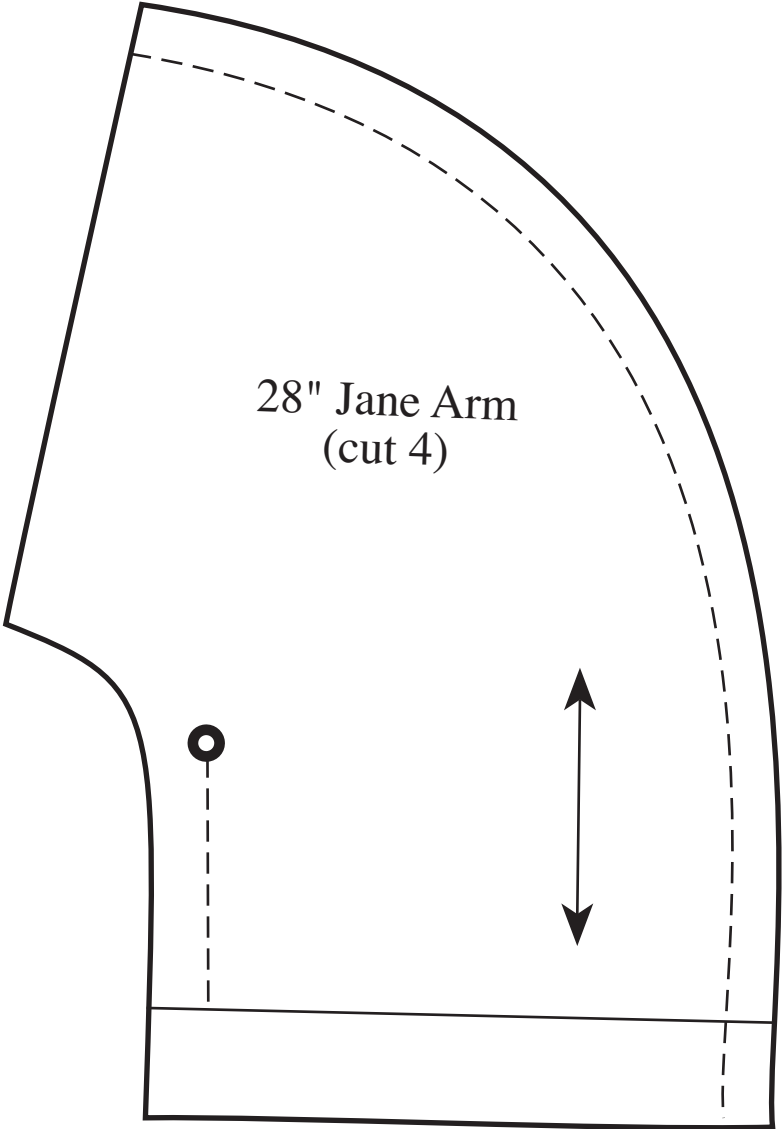
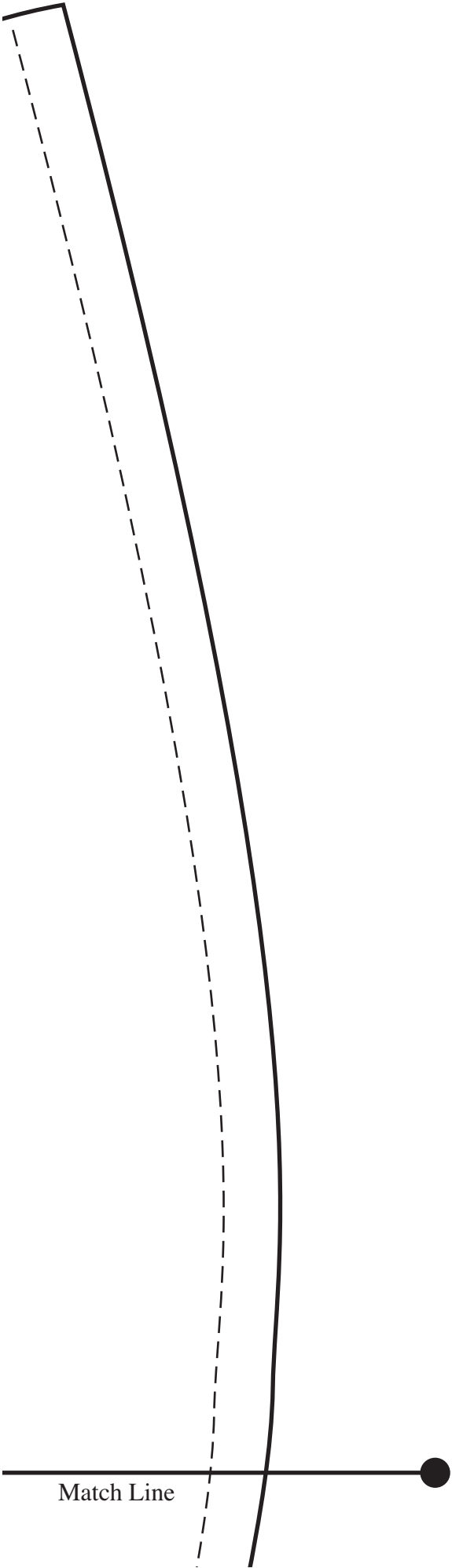


28" Jane Body
(cut 2)

Match Line

Match Line

28" Jane Arm
(cut 4)



Match Line

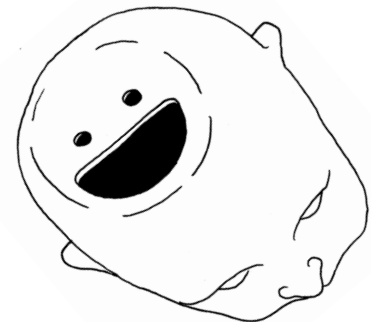
Amber - Painting Instructions

MATERIALS LIST

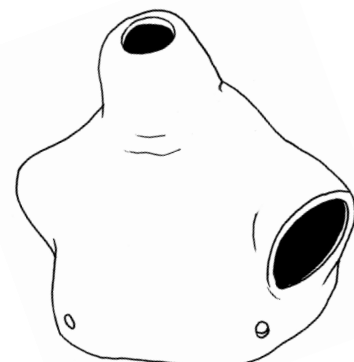
French Bisque porcelain slip
by Seeley's
silk sponge
rubber scrubber
scalpel
CDW Medium #1
China paints: Old Masters Red, Matte White,
Hair Brown, Best Black, Rich Brown, Onyx Black, New Soft
Pink, Copenhagen Blue, Pink Lip
Expressions Brush Kit Includes: (1) (Kolinsky Detailer), (1) Ultra
Lash, (1) Shader, & (1) Blender
mineral oil (optional)
paper towel
soft cloth
make-up wedges
china paint eraser by Bell Ceramics or
Star Type Cleaner by Faber Castell (found in office
supply stores)
For Painted Eyes, use Expressions Eyelites, by Dianna
Effner (includes 13 lustrous eye colors)
Eyes, Wigs, Patterns, Brushes, and other accessories
Available from Expressions[®] @ 800 452-2480

GENERAL INFORMATION

These directions are for painted eyes. If you are doing set in eyes you can paint shadows, lashes and brows and blush the cheeks in the same firing, (eliminating two firings) in this case, fire to cone 019. If you are doing painted eyes, you can paint brows, lashes and eye shadow and then go on to paint the first firing for eyes and fire all together to cone 016. For the eyes especially, I recommend our Eyelites paint kit, Brush Kit, and CDW Medium #1. **Do not fire eye colors and blush in the same firing. Wait until eyes are completed before doing blush firing.** Higher firing temperatures will cause reds to fire off or can turn them brown. Reds should be fired to cone 019.



(Fig. 1)



(Fig. 2)

Preparing the Porcelain

Pour legs, arms, head and shoulder plate in French Bisque by Seeley's or use porcelain slip of your choice. When the pieces are firm enough to remove from the mold, use a scalpel to trim away unwanted clay. Cut a hole in the top of the head and make two 1/4" holes, as shown in figure 1, for tying elastic when doll is assembled. Cut center hole in breast plate and 1/4" sew holes, front and back, in shoulder plate as shown in figure 2. Bevel the edge of the breast plate for a neater fit over the cloth body. If you plan to fit the doll with set-in eyes, carefully cut away the appropriate portion of the eyes, at this time. Allow to dry slowly away from drafts until completely dry.

Remove parting lines and so on, with the cleaning method of your choice. **If you intend to use the "Invisible Support Stands" from Expressions, now is a good time to make the hole in bottom of right foot.**

You can apply eye lashes to painted eyes if you prepare the greenware before firing by incising a groove under the upper lid with a stylus. See fig. 3

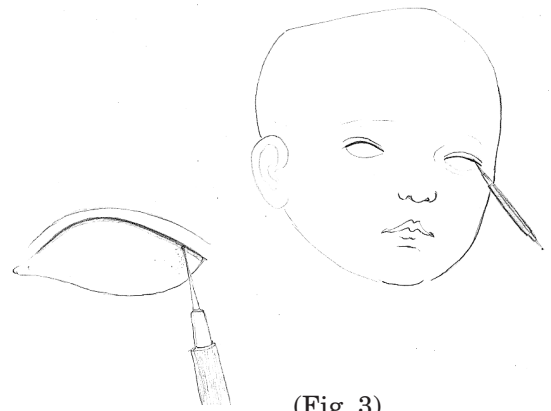
Fire porcelain to cone 6. Scrub with a rubber scrubber until satiny smooth. Wash and allow to dry.

Blush Firing

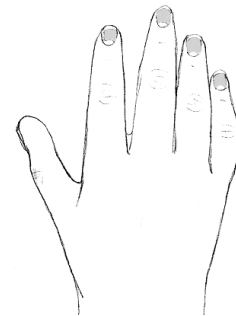
Using the painting Medium of your choice, give pieces an all over blush coat of Old Masters Red. Use mineral oil or medium of your choice to mix with pigment and to coat porcelain. Add extra blush where desired, on hands, feet, knees and elbows. With a 10/0 fine liner, paint a very thin line of Old Masters Red (diluted slightly with Medium) between fingers and toes. Stipple to soften and blend out with a deerfoot stippler. Stipple a small dot of blush color on dimples, finger nails and toe nails. With Matte White in your 10/0 fine liner, paint the tips and moons of each finger nail as shown in figure 3. If you are planning painted eyes, clean blush coat away from eye balls with a clean brush. Finish removing paint from the eyes with a small piece of paint eraser or type cleaner. (This stuff is handy to have whenever you wish to remove paint from the porcelain as you can shape it to a sharp point.) Paint the eyeball area with some Matte White using a #1 or #2 round paint brush. Stipple carefully to smooth out brush strokes. Fire all pieces to cone 019.

Eye Brows, Lashes and Eye Shadow 1st Firing

Apply a light wash of Hair Brown on upper and lower eyelids. Stipple to blend and soften. Apply shadow eyebrows in a light wash and stipple. (See fig. 5) Dilute Rich Brown paint on a tile with magic Medium and water for a free flowing consistency. Paint a fine line in the crease above the eye with a fine detail brush loading with diluted Rich Brown paint. Stipple. Use the same diluted paint to paint a line under upper lid. Pull wisp lashes up and away from the eye in a naturalistic style. Allow them to taper to nothing with your brush stroke. Vary length and direction of each lash. See fig. 6. Allow some lashes to dip below lash line. Paint a shadow brow in a light wash of hair brown and stipple to soften. Paint over shadow brows a fine line defining the central line of each eye brow. Paint wispy strokes down and toward the nose allowing strokes to taper. Paint



(Fig. 3)



(Fig. 4)



(Fig. 5)



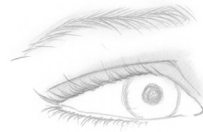
(Fig. 6)

some wispy eyebrows angling and curving them up toward center of forehead. Paint very fine wispy lashes along lower lid (fig. 6).

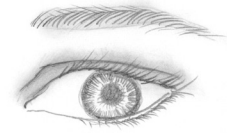
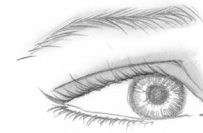
Eyes can be painted within the same firing as lashes and brows.

Eye Brows, Lashes and Eye Shadow 2nd Firing

Add more Hair Brown to the crease and upper lash line. Stipple as in first firing. Mix a small amount of Best Black with some Rich Brown in your palette. Use this color on your liner to darken and define crease, lash line and upper lashes. Make darker lash strokes a little shorter than the lighter ones from the previous firing. Touch up lower lashes with a little bit of darker color applied lightly with fine liner. Intensify brows with fine strokes of Rich Brown. Refer to illustrations and photo as you work. If you are painting the eyes, continue with the 2nd Firing For Eyes instructions.



(Fig. 7)

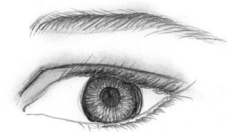
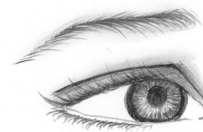


(Fig. 8)

Eye Brows, Lashes and Eye Shadow 3rd Firing

Apply a thin line of best black in crease and lash line under upper lid. Intensify lashes close to upper lid with black. Intensify brows with fine strokes of Rich Brown mixed with Best Black.

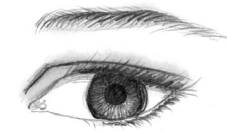
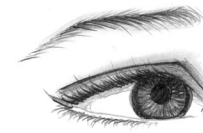
If you are going to be using set in eyes, put another application of blush on the cheeks and do the second firing on the lips. Fire the head to cone 019.



(Fig. 9)

Painting the Eyes

Amber has slightly smiling eyes. Before painting, decide which direction she will be gazing and sketch the iris and pupil with a third dilution of Rich Brown. When you are satisfied with the expression, begin the painting procedure



(Fig. 10)

Eye Firing # 1

Use a detail brush to paint a 1/8" rim around the iris in and under eyelid in Rich Brown paint. Paint the remaining area with New Soft Pink. Apply an even coat of Rich Brown over pupil. (fig. 7)

Turning the head as you go for ease of painting pull tiny strokes around the rim pulling the darker color into the lighter color, wiping brush every few strokes. Pull tiny strokes radiating out from the iris. (fig. 8) Fire to 016.

Eye Firing # 2

Repeat painting procedure. This time add a little Onyx Black to the Rich Brown. Paint Onyx Black over pupil. Fire to 016 (fig. 9)

Eye Firing # 3

Repeat painting procedure to deepen color. Paint Onyx Black over pupil. Paint iris rim with Onyx Black shade pupil under lid with Onyx Black. Blend as before. Shade the whites of the eyes under lid with Copenhagen Blue blending with small blender. (fig. 10) Fire to 016.

Lip Firing #1

With your 10/0 fine liner loaded with old Masters Red, draw a fine line along the crease where the upper and lower lip meet. (fig. 10) Soften this line with a stippler. Apply a very light wash of Old Masters Red diluted with medium over entire area of the mouth. Apply Matte White to highlighted areas on lower lip and center of upper lip. Blend and stipple. (fig. 11)

Cheek Firing #1

Use the Medium of your choice and Old Masters Red to blush the cheeks. Apply a light coat of medium such as mineral oil over cheeks and all areas to be blushed. Wipe away excess with clean T- shirting. Use a china mop to apply a trace of color to the cheeks. Use a clean china mop or sponge to evenly distribute the color. Fire to cone 019.



(Fig. 11)

Lip Firing #2

Deepen line along crease with Old Masters Red. Blend with small blender. Apply a wash of Pink Lip over lips. Apply slightly darker concentration of paint to the upper lip and corners of lower lip. (fig. 12)



(Fig. 12)

Cheek Firing #2

Repeat as in cheek blush firing #1. Fire to cone 019.

Other Paint Sources:

Jean Nordquist
Collectible Doll
Signature China Paints
4216 6th Ave.
Seattle, WA 98107
800 566-6646
Pink Lip

Virginia LaVorgna	Lindolleys
2217 Loma Alta Dr	P. O. Box 4574
Fullerton, CA 92633	Tulsa, OK 74105
800 222-3831	918 743-3514
<i>Old Masters Red</i>	CDW Medium

Jane - Painting Instructions

MATERIALS LIST

French Bisque porcelain slip

by Seeley's

silk sponge

rubber scrubber

scalpel

CDW Medium #1

China paints: Old Masters Red, Matte White, Hair Brown, Best Black, Rich Brown, Onyx Black, Black Green, Silver Grey, Water Green Tint, Light Blonde, Air Blue

Expressions Brush Kit [Deerfoot Stippler, 10/0 fine liner, #1 round, China Mop]

mineral oil

paper towel

soft cloth

make-up wedges

china paint eraser by Bell Ceramics or

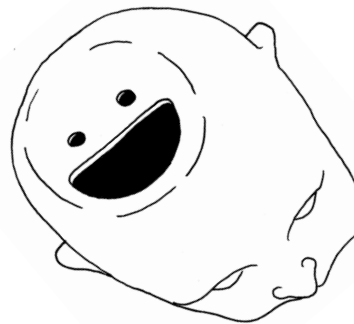
Star Type Cleaner by Faber Castell (found in office supply stores)

For Painted Eyes, use Expressions Eyelites, by Dianna Effner (includes 12 lustrous eye colors)

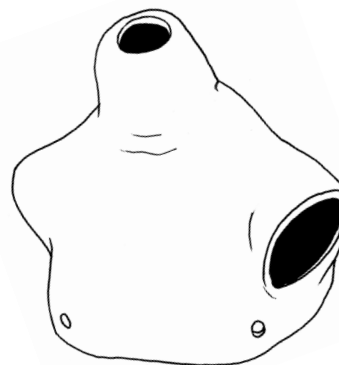
Eyes, Wigs, Patterns, Brushes, and other accessories Available from Expressions® @ 800 452-2480

GENERAL INFORMATION

These directions are for painted eyes. If you are doing set in eyes you can paint shadows, lashes and brows and blush the cheeks in the same firing, (eliminating two firings) in this case, fire to cone 019. For the eyes especially, I recommend our Eyelites paint kit, Water Silks media and synthetic sable brushes. Our colors can be used with an oil based medium if you prefer, but natural sable bristles work best with oil colors. Eye colors should be fired to cone 016. **Do not fire eye colors and blush in the same firing. Wait until eyes are completed before doing blush firing.** Higher firing temperatures will cause reds to fire off or can turn them brown. Reds should be fired to cone 019.



(Fig. 1)



(Fig. 2)

Preparing the Porcelain

Pour legs, arms, head and shoulder plate in Doll Flesh by Seeley's or use porcelain slip of your choice. When the pieces are firm enough to remove from the mold, use a scalpel to trim away unwanted clay. Cut a hole in the top of the head and make two 1/4" holes, as shown in figure 1, for tying elastic when doll is assembled. Cut center hole in breast plate and 1/4" sew holes, front and back, in shoulder plate as shown in figure 2. Bevel the edge of the breast plate for a neater fit over the cloth body. If you plan to fit the doll with set-in eyes, carefully cut away the appropriate portion of the eyes, at this time. Allow to dry slowly away from drafts until completely dry.

Remove parting lines and so on, with the cleaning method of your choice. **If you intend to use the "Invisible Support Stands" from Expressions, now is a good time to make the hole in bottom of right foot.**

You can apply eye lashes to painted eyes if you prepare the greenware before firing by incising a groove under the upper lid with a stylus. See fig. 3

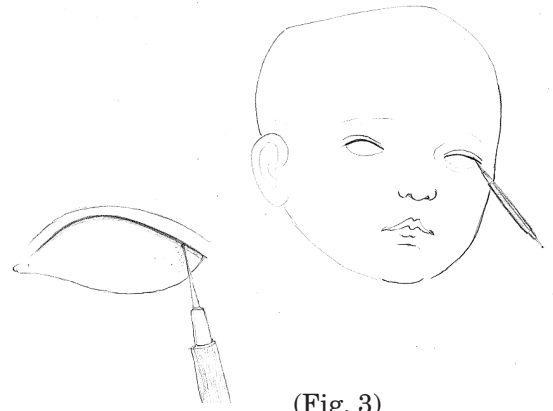
Fire porcelain to cone 6. Scrub with a rubber scrubber until satiny smooth. Wash and allow to dry.

Blush Firing

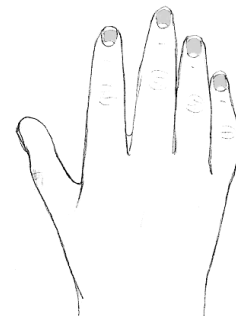
Using the painting Medium of your choice, give pieces an all over blush coat of Old Masters Red. Use mineral oil or medium of your choice to mix with pigment and to coat porcelain. Add extra blush where desired, on hands, feet, knees and elbows. With a 10/0 fine liner, paint a very thin line of Old Masters Red (diluted slightly with Medium) between fingers and toes. Stipple to soften and blend out with a deerfoot stippler. Stipple a small dot of blush color on dimples, finger nails and toe nails. With Matte White in your 10/0 fine liner, paint the tips and moons of each finger nail as shown in figure 3. If you are planning painted eyes, clean blush coat away from eye balls with a clean brush. Finish removing paint from the eyes with a small piece of paint eraser or type cleaner. (This stuff is handy to have whenever you wish to remove paint from the porcelain as you can shape it to a sharp point.) Paint the eyeball area with some Matte White using a #1 or #2 round paint brush. Stipple carefully to smooth out brush strokes. Fire all pieces to cone 019.

Eye Brows and Lashes

Apply a light wash of Hair Brown on upper and lower eyelids. Stipple to blend and soften. Apply shadow eyebrows in a light wash and stipple. (See fig. 5) Dilute Rich Brown paint on a tile with magic Medium and water for a free flowing consistency. Paint a fine line in the crease above the eye with a fine detail brush loading with diluted Rich Brown paint. Stipple. Use the same diluted paint to paint a line under upper lid. Pull wisp lashes up and away from the eye in a naturalistic style. Allow them to taper to nothing with your brush stroke. Vary length and direction of each lash. See fig. 6. Allow some lashes to dip below lash line. Paint a shadow brow in a light wash of hair brown and stipple to soften. Paint over shadow brows a fine line defining the central line of each eye brow. Paint wispy strokes down and toward the nose allowing strokes to taper. Paint



(Fig. 3)



(Fig. 4)



(Fig. 5)



(Fig. 6)

some wispy eyebrows angling and curving them up toward center of forehead. Paint very fine wispy lashes along lower lid (fig. 6).

Eyes can be painted within the same firing as lashes and brows.

Painting the Eyes

Jane has slightly down cast eyes. Before painting, decide which direction she will be gazing and sketch the iris and pupil with a third dilution of Black Green. When you are satisfied with the expression, begin the painting procedure

Eye Firing # 1

Use a detail brush to paint a 1/8" rim around the iris in and under eyelid in Black Green paint. Paint the remaining area with Silver Grey. Apply an even coat of Black Green over pupil. (fig. 7)

Turning the head as you go for ease of painting pull tiny strokes around the rim pulling the darker color into the lighter color, wiping brush every few strokes. Pull tiny strokes radiating out from the iris. (fig. 8) Fire to 016.

Eye Firing # 2

Repeat painting procedure and fire again. Add a small amount of Water Green or Water Green Tint to the light color as you paint if you wish to vary the shade of green. (fig. 9)

Eye Firing # 3

Repeat painting procedure. Paint Onyx Black over iris. Shade the whites of the eyes under lid with Copenhagen Blue blending with a clean cats tongue. (fig. 10) Fire to 016.

Lip Firing #1

With your 10/0 fine liner loaded with old Masters Red, draw a fine line along the crease where the upper and lower lip meet. (fig. 10) Soften this line with a stippler. Apply a very light wash of Old Masters Red diluted with medium over entire area of the mouth. Apply Matte White to highlighted areas on lower lip and center of upper lip. Blend and stipple. (fig. 11)

Cheek Firing #1

Use the Medium of your choice and Old Masters Red to blush the cheeks. Apply a light coat of medium such as mineral oil over cheeks and all areas to be blushed. Wipe away excess with clean T- shirting. Use a china mop to apply a trace of color to the cheeks. Use a clean china mop or sponge to evenly distribute the color. Fire to cone 019.

Lip Firing #2

Apply a wash of diluted Old Masters Red over lips. Apply slightly darker concentration of paint to the upper lip and corners of lower lip. (fig. 11)

Cheek Firing #2

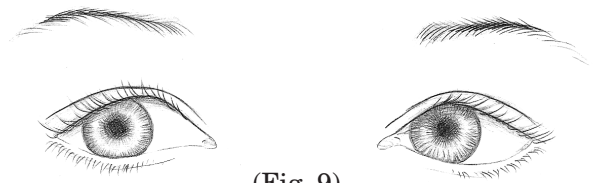
Repeat as in cheek blush firing #1. Fire to cone 019.



(Fig. 7)



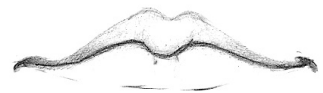
(Fig. 8)



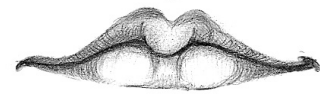
(Fig. 9)



(Fig. 10)



(Fig. 11)



(Fig. 12)

Other Paint Sources:

Virginia LaVorgna
2217 Loma Alta Dr
Fullerton, CA 92633
800 222-3831
Old Masters Red

Jane Houston Prod.	Lindolleys
1299 H St.	P. O. Box 4574
Greeley, CO 80537	Tulsa, OK 74105
970 346-9003	918 743-3514
<i>Light Blonde</i>	CDW Medium