

Treatment Report

Title: *The Indian Mutiny of 1857*

Author: Colonel G.B. Malleson, C.S.I.

Collection: Perry-Castaneda Library

Binding Dimensions (cm): 21.9 x 14.1 x 3.1 cm

Textblock Dimensions (cm): 21.1 x 13 x 2.2 cm

Date Examined: February 12, 2008

Date Treatment Completed: April 27, 2008

Conservator: Helen Kuncicky

Instructor: Chela Metzger

Treatment Objective

The goal of this treatment is to stabilize the circulating collection item so that it may be safely used without causing additional damage.

Description

Binding

The case is made of binder's board covered fully in black cloth. The title and author are printed in orange on the spine.

Case-to-Text Attachment

The case is adhesively attached to the textblock via an overhanging textile lining and paste-downs.

Textblock

The textblock is hand-sewn in a two-on style, with 27 sections of 4 folios each. The spine is rounded and backed. The textblock paper is machine made, thin, and off-white in color. The green paper endsheets are tipped on. There are red textile stuck-on cloth endbands.

Condition

Binding

The binding is in good condition overall. There is light wear at the board corners and a small tear at the head of the spine. The printing on the spine is slightly abraded.

Case-to-Text Attachment

The case-to-text attachment is very loose.

Textblock

The sewing is loose, and the first section is nearly detached. The spine forms an upside-down "V" shape upon opening. The textblock paper is torn around the sewing holes in some sections.

Photodocumentation

Photodocumentation was completed with a Pentax digital camera. Images include overall shots of the book in spectral light and one during-treatment shot in ambient light. The images document the book's condition before, during, and after treatment.

Treatment Proposal

1. Detach the case from the textblock and remove the original sewing.
2. Guard sections as necessary with long-fiber paper.
3. Punch new holes and re sew the textblock using a two-hole link stitch. Include new double-folio endsheets.
4. Adhesively consolidate the textblock, maintaining the original round.
5. Line the textblock with long-fiber paper, cambric, and Mohawk paper linings.
6. Build a new full-cloth case.
7. Case in, using new endsheets as pastedowns.
8. Print a new spine label, following the Perry-Castaneda Library spine label format, and attach to the spine of the case.

Treatment Performed

1. Detached the case from the textblock by cutting through the endsheets and overhanging textile lining.
2. Removed original textblock spine linings mechanically, then using methylcellulose.
3. Cut the sewing thread between each sections and pulled sections apart, removing any hardened glue pieces and remaining threads.
4. Guarded damaged sections with machine-made Kozo paper adhered with wheat starch paste.
5. Punched new sewing holes in each section: three double-hole stations and kettle holes at the head and tail.
6. Prepared double-folio endsheets of 70# Mohawk text-weight paper, trimmed oversize, and punched sewing holes.
7. Sewed textblock using a double-hole link stitch, maintaining original round.
8. Applied a mixture of 60:40 wheat starch paste and methylcellulose adhesive consolidant to textblock spine.
9. Lined textblock spine with machine-made Kozo paper adhered with wheat starch paste, cambric adhered with PVAc, and 70# Mohawk text-weight paper adhered with PVAc.
10. Built new case using binder's board and black paper-backed book cloth with an 80# Mohawk cover-weight spine strip, adhered with PVAc.
11. Cased in using PVAc to adhere pastedowns.
12. Printed new spine label following the Perry-Castaneda Library spine label format and adhered to spine of case with PVAc.

Length of Treatment: 7 hours