

UNITED STATES PATENT OFFICE.

DAVID FELT, OF NEW YORK, N. Y.

IMPROVED ADHESIVE COMPOUND FOR BINDING BOOKS.

Specification forming part of Letters Patent No. 867, dated August 1, 1838.

To all whom it may concern:

Be it known that I, DAVID FELT, of the city and county of New York and State of New York, have discovered a new and useful Elastic Adhesive Compound for Binding Books; and I do hereby declare that the following is a full and exact description thereof.

The nature of my discovery consists in the use of an elastic adhesive compound for attaching the leaves of books together, which entirely obviates the necessity of sewing.

The following is the method of preparing said elastic adhesive compound: Take eight parts of isinglass, two parts of gum-arabic, and, after soaking them in a little rain-water until they become soft, add four parts of pure honey, then dissolve the whole with alcohol over a slow fire.

Mode of application: The section or folds of the book are first made in the usual manner of one sheet and carefully pressed and knocked up on the back and cut on the front. The back is then put into a curved mold to give the back the proper form. It is then put between two cutting or press boards and placed in a press and screwed up, after which the back is made

rough and the elastic adhesive compound applied with a stiff brush and then left to dry. When dry, or nearly so, another coat is put on, so as to form a sufficient body. Some cotton or other flexible cloth is then prepared with two coats of the compound. A strip of this cloth is then put quite over the back, extending down on each side about two inches, and after rubbing it well on the back to make it adhere and leaving it a short time to dry it will be ready for binding in the usual way. When backs are printed and folded in sections of more than one sheet to a fold the back is cut off and the process continued, as heretofore described.

This compound may also be used as a substitute for glue when books are sewed and stitched in the usual way.

The discovery claimed and desired to be secured by Letters Patent is—

The elastic adhesive compound above described for binding books.

DAVID FELT.

Witnesses:

WM. P. ELLIOT,
EDMUND MAHER.