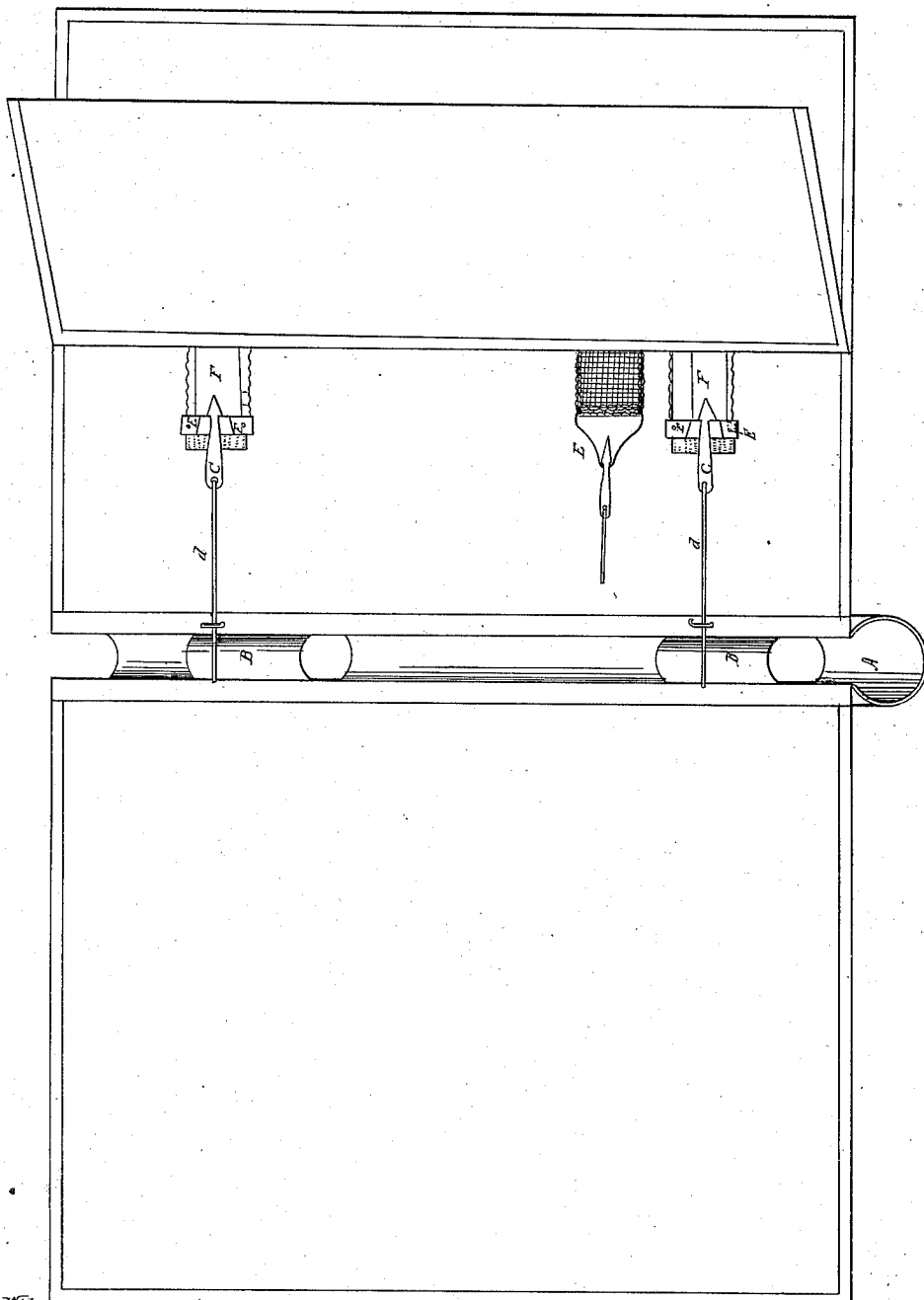


J. C. KOCH  
BOOK BINDING.

No. 32,374.

Patented May 21, 1861.



Witnesses:

*John W. Thompson*  
*L. Perkins*

Inventor:

*John C. Koch*

# UNITED STATES PATENT OFFICE.

JOHN C. KOCH, OF NEW YORK, N. Y.

PORTFOLIO FOR FILING MUSIC, PRINTED MATTER, &c.

Specification forming part of Letters Patent No. 32,374, dated May 21, 1861; Reissued January 7, 1873, No. 5,221.

*To all whom it may concern:*

Be it known that I, JOHN C. KOCH, of the city, county, and State of New York, have invented a new and Improved Portfolio for  
5 Filing Music or any other Printed or Manuscript Matter; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings and to the letters of reference marked thereon.  
10

Merchants, professional men, correspondents, legislators, musicians, reporters, students, artists and others have long experienced the want of some ever-ready and convenient device, by which each may at pleasure file their letters or other manuscript matter; their speeches, music, sketchings, notings or any printed or written matter, in consecutive order and in book form: The  
15 merchant and correspondent will find in this all they could desire as an improved method of filing letters. The legislator and reporter will upon practical test at once concede the utility of this invention for binding  
20 and keeping in form their speeches, skeletons notes &c. The student and the artist will not fail to appreciate the signal advantage available to them in the use of this improvement while the musician whether it be with  
25 in the pale of city life or in some distant rural section where practical bookbinding is unknown as a pursuit, will at once recognize this as a great desideratum.

The nature of my invention consists in the  
35 application or use of the round back A A

which expands and contracts, (by the use of steel springs covered by the leather) according to the bulk of the folio bound within the cover in connection with fastenings herein-  
40 after more fully described.

If A A was applied in the flat instead of rotund form it would on every occasion of opening come into immediate contact with the edges of the paper or bound matter and deform and tear the same. The stays B B  
45 are introduced to keep the back in form and the sheets in their places until the quantity of the matter will give it the form of a book: The sheets are secured by being pierced by the flat spear shaped needles C C  
50 attached to the cords D D, then securing C C by placing them into the catch or fastening E E, which are attached to the cover of the book by the use of india rubber bands F F.  
55 This being done the fall G G is turned down, thus giving the whole the appearance of a book bound in the ordinary manner.

What I claim, and desire to secure by Letters Patent is—

The round expanding back, in combination  
60 with the spear shaped needles, stays, catches or fastenings, and the flap or fall the whole being constructed and operated in the manner and for the purpose substantially as described.

JOHN C. KOCH.

In presence of—  
SAMUEL W. THOMPSON,  
L. PITKIN.