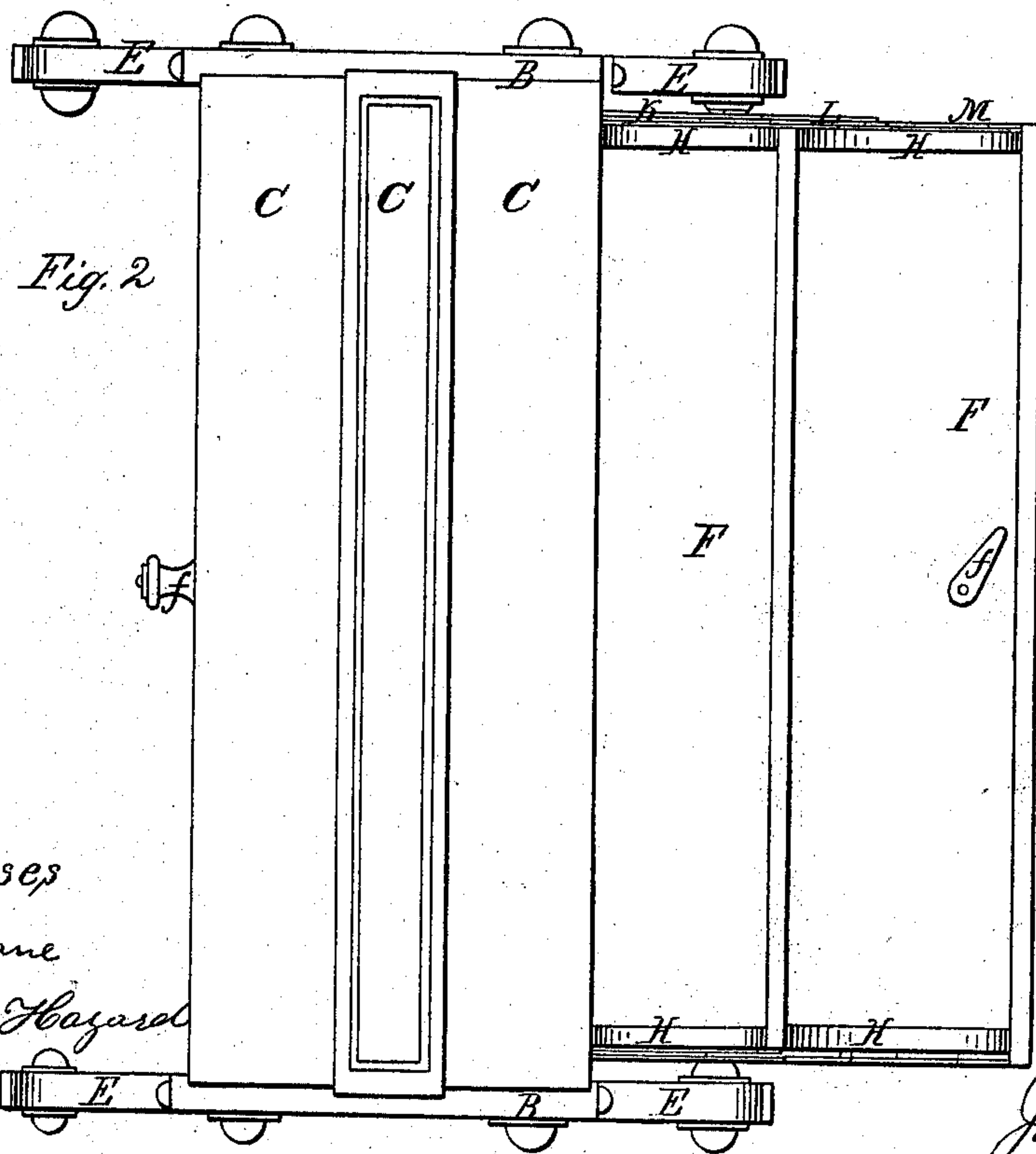
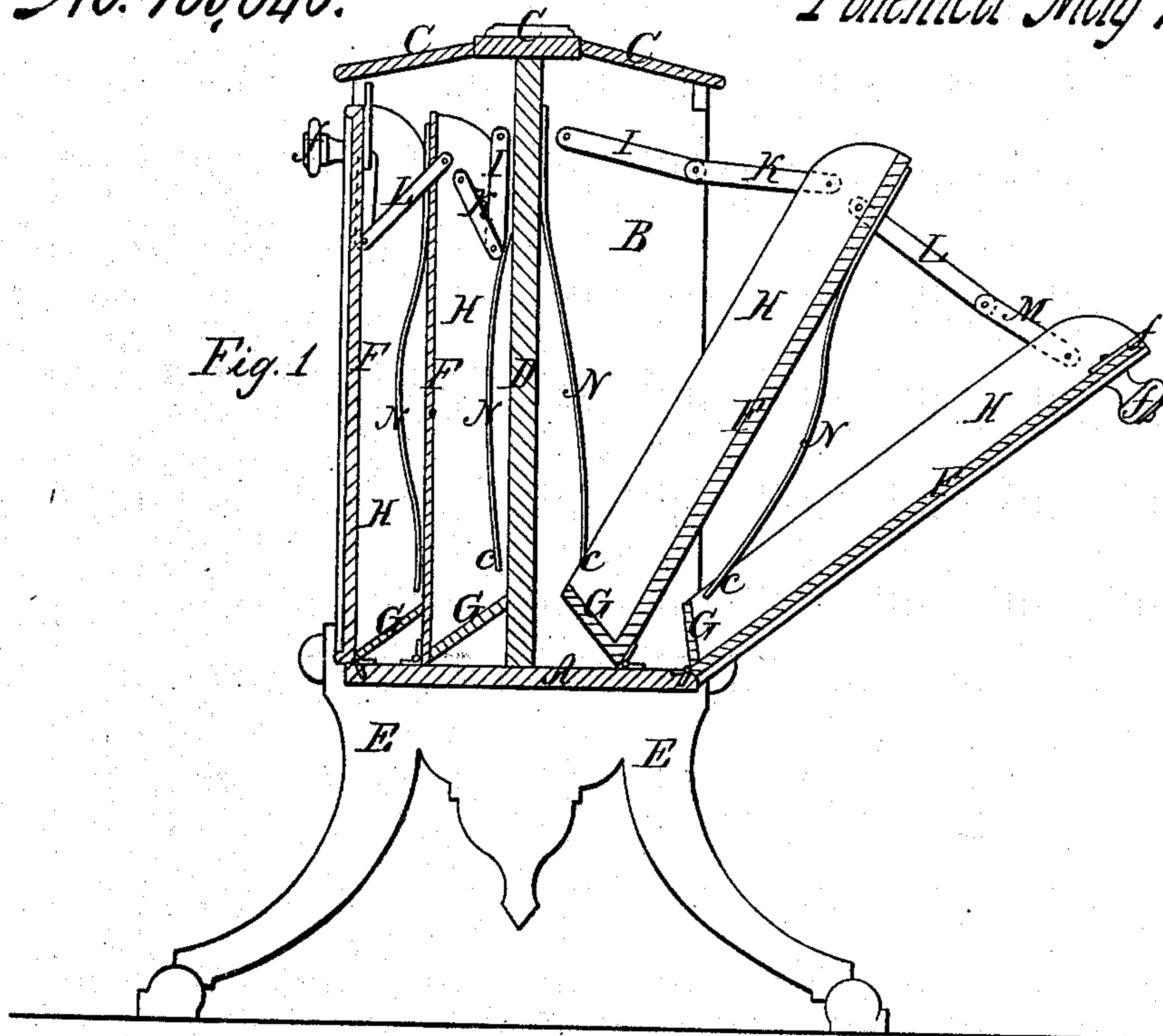


J. R. Hill,

Music Rack.

No. 103046.

Patented May 17. 1870.



Witnesses
John Elerane
Andrew R. Hazard

Inventor

John R. Hill

United States Patent Office.

JOHN R. HILL, OF HYDE PARK, ASSIGNOR TO HIMSELF AND HENRY E. HILL, OF LOWELL, MASSACHUSETTS.

Letters Patent No. 103,046, dated May 17, 1870.

IMPROVED MUSIC-RACK.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern:

Be it known that I, JOHN R. HILL, of Hyde Park, in the county of Norfolk and State of Massachusetts, have invented certain new and useful Improvements in Music-Racks, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings making part of this specification, in which—

Figure 1 represents a transverse sectional elevation, and

Figure 2, a plan or top-view of my improved music-rack as it appears when opened at one side and closed at the other.

This invention relates to that kind of music-racks or portfolios which are used as receptacles for sheet-music, or sheets of drawings, or other papers which are frequently or seldom used, read, or referred to; and

It has for its object not only to preserve the sheets of paper and their printed or written characters or contents, but to provide for the easy and ready access to, and the adjustment, removal, and sure and certain replacement of such sheets or papers, or for assorting them or changing them, or some of them, from one place to another, and for inclosing them in a neat, substantial case, which forms a piece of furniture either plain or ornamental, and where all the sheets of paper will be securely held in position for transportation, or otherwise.

My improved music-rack is constructed with a bottom, A, having ends, B, a top, C, and a middle partition, D, all mounted on suitable supports or end legs, E, which may be of any convenient form, and these may be secured to beneath the bottom, or extend upward on the outside of each end, and be finished plain or ornamental.

These parts form the structure or foundation, to which I apply certain swinging leaves or cases, which are composed each of a back, F, an incline or beveled bottom side, G, and two ends, H.

Each of these leaves or cases thus constructed is hinged to the bottom A, one at each or either edge thereof, and another between the edge and the central partition D, as clearly shown in the drawings.

Each inner leaf or case is adjustably connected with the ends B, first above described, by pivoted arms or links, I and K, and each outer or next succeeding leaf or case is adjustably connected with the one within it, by similar links, L and M, so that each leaf or case is capable of being swung or moved on the pivots or hinges, that is, opened or closed, while the links provide for their positions best suited for adjustment or removal of the papers or sheets of music or drawings in each case, and at the same time allow of each leaf or series of such leaves being folded or closed by simply pushing the outer leaf toward the next within it, and this with the outer one, or one or

more of such leaves in a more extensive series to within the case first above described, each leaf swinging on its respective pivots or hinges, and opened by drawing outward the outer leaf, thus opening one or more of the leaves at each or either side of the case of such leaves, or closing one or more, as desired.

The incline or beveled side G of each leaf is intended to catch or guide the lower edge of each sheet of paper placed therein, and to insure the unfailing and certain introduction of a sheet or sheets of paper into each or either leaf when partially or nearly filled, I apply a spring guide or guides, N, to the back of the next leaf within or to the side or sides of the central partition.

These spring guides are curved, as clearly shown in fig. 1, so that the lower end c of each spring shall guide the sheet or sheets of paper inside of the incline sides G of each leaf, and when folded or closed, these springs will hold the sheets of paper or music securely in position, and prevent their chafing while being moved or transported in the case.

The case for holding the leaves may be made in any other form, that is, with three, four, six, or more equal or unequal sides, and mounted on a base, a pillar, or column, and each of such sides have one, two, or more of the hinged or pivoted leaves provided with inclined sides G and spring guides N, and connected by links, as before described.

When closed, the outer leaf should be provided with a catch or latch, or some other fastening device, f, as clearly shown in the drawings.

Having fully described my invention,

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

1. A music-rack or portfolio, as described, consisting of a case mounted on a base or legs, as shown, and provided with one or more hinged or pivoted leaves, constructed as described, with beveled or inclined sides, G, and connected by links I K L M, and arranged in the manner and for the purpose substantially as set forth.

2. The combination, substantially as described, of a spring guide or guides, N, with the back of the inner leaf and with the incline G of the next outer leaf, in the manner and for the purpose set forth.

3. The combination, substantially as described, of a spring guide or guides, N, with the central partition D and with the incline side G of the inner leaf, in the manner and for the purpose set forth.

4. The combination substantially as described, of a pivoted or hinged leaf or leaves, F G H, constructed as specified, with a case, A B C D, in the manner and for the purpose set forth.

JOHN R. HILL.

Witnesses:

JOHN E. CRANE,
ANDREW R. HAZARD.