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A.D. 1884, 12th MARCH. N° 4752.  
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Improvements in Concertinas.

PROVISIONAL SPECIFICATION.

I JOHN HILL MACCANN of 30 Morley Street & 37, Morley Place Plymouth in the county of Devon Musician & Concertina maker do hereby declare the nature of my invention for IMPROVEMENTS IN CONCERTINAS to be as follows;—

They are fitted with a complete chromatic scale continuing from the left hand
5 side to the right hand side so that all the treble notes are on the right hand side,
the bass or lower notes being on the left; so that the melody can be entirely
played on one side leaving the other hand at liberty to play the accompaniment (as
in the pianoforte). There are six rows of keys which are simply arranged so that
each finger has its proper row. They are double action the same notes sounding
10 whether the bellows are pressed or drawn & have hand straps as being more
convenient for holding than thumb straps. They are made in either shape
hexagonal or square with 39 to 58 keys.

Dated this eleventh day of March 1884.

JOHN HILL MACCANN.

Maccann's Improvements in Concertinas.

COMPLETE SPECIFICATION.

I, JOHN HILL MACCANN, of 30 Morley St, and 37 Morley Place Plymouth, in the County of Devon do hereby declare the nature of my invention for IMPROVEMENTS IN CONCERTINAS, and in what manner the same is to be performed, to be particularly described and ascertained in and by the following statement:—

Adding a complete number of Flats and Sharps, to the Natural Notes so as to form a complete Chromatic Scale from the Second C below the Treble stave, to the Second C above, which can be extended in a similiar manner either above or below. 5

That the Naturals which are in four rows are in the centre of the Instrument, so as to be convenient for the 1st, 2nd, 3rd and 4th finger's to perform upon, and so that they may be fingered without in any way interfering with the Flats and Sharps. 10

To these four rows of Naturals I have so arranged that the Flats and Sharps are placed close by the side of their corresponding Naturals, which thus gives the performer the advantage of their position any time he may require to use such notes. 15

That altho' Flats and Sharps have been added to the Concertina but in such a manner as to interfere with the Natural Scale of the same, which in my Scale is not interfered with in any such way, such system being necessary in Concertina's and all Instruments of such Class. 20

The Duet Concertina's are double action, that is sounding the same note whether pressing or drawing the bellows, and that having added a complete and perfect scale of Semitone's independent and separate from the Naturals it makes the Instrument equal to the English Concertina with these advantage's, viz, Owing to the Notes on the Left Hand, being tuned an Octave lower than the Right, and the Compass being from Second C below the Stave to C in the Space it acts as a Bass to the Treble which is on the Right Side and gives the Left Hand an Independent Scale. 25

The Right Hand Scale being from G in the Stave to Second C above (or further) contains the Treble notes, having also an Independent Scale from the other side which gives the Right Hand liberty to play any Melody independent of the Left and leaving that hand at liberty to play a proper accompaniment similar to the pianoforte, also, that owing to having handles to rest the Hand upon, with Hand Straps for support it gives the four fingers on each side full liberty to act on its respective rows of Studs with a firm grip and support for the Instrument, which cannot be done with such ease with the Thumb straps and finger Rests. 30 35

Thus I call my Invention the Improved Chromatic Duet English Concertina which as all the requisites of the Ordinary English Concertina with the advantages before stated.

The Improved Chromatic Duet English Concertina's may consist of, from, 39 Keys, 2 Octaves and 6 Notes, to, 58 Keys, 4 Octaves, which can again be extended in the same manner either above or below, which scale of fingering may be made in any size or shape Instrument where extension of Compass may require. 40

Fig's 1 & 2 shows the position of the Studs or Keys, on the Left and Right Hand Sides.

Maccann's Improvements in Concertinas.

Having now particularly described and ascertained the nature of my said Invention, and in what manner the same is to be performed I declare that what I claim is:—

Adding Sharps and Flats to the Natural notes of a Concertina so as to form a 5 complete Chromatic scale, and arranging the Keys in the manner and for the purpose above described.

Dated this 18th day of November 1884.

JOHN HILL MACCANN.

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For Her Majesty's Stationery Office.

1884.

