

N<sup>o</sup> 21,730



A.D. 1896

Date of Application, 1st Oct., 1896

Complete Specification Left, 30th June, 1897—Accepted, 1st Oct., 1897

PROVISIONAL SPECIFICATION.

Improvements in English Concertinas.

JOHN BUTTERWORTH 152 Crompton Road, Macclesfield, Cheshire Pianoforte Tuner do hereby declare the nature of this invention to be as follows:—

My Invention consists of a Method of Simplifying the Key Arrangement of an English Concertina *viz.* :—

- 5 Firstly :—By having 3 Rows of Natural Keys with all their Sharps & Flats, making together 5 Rows of Keys with a Compass of 3 Octaves for the Right Hand, ranging from C below the Staff to the 3rd C above the Staff.  
Secondly :—The same Arrangement of Keys for the Left Hand for 2 Octaves lower than C above mentioned.
- 10 The Arrangement of Keys on this principle greatly simplifies the fingering of the English Concertina.

Dated this 28th day of September 1896.

JOHN BUTTERWORTH.

COMPLETE SPECIFICATION.

15 Improvements in English Concertinas.

JOHN BUTTERWORTH, 152 Crompton Road, Macclesfield, Pianoforte Tuner, do hereby declare the nature of this invention and in what manner the same is to be performed, to be particularly described and ascertained in and by the following statement :—

- 20 My Invention consists of an Improvement in the Key Arrangement of English Concertinas, shown in the accompanying drawings.  
Firstly, the Keys are on a slight curve instead of in straight lines as formerly.  
Secondly, The keys are in five rows; the three rows in the centre being natural notes, and the two outside rows are the Flats and Sharps.
- 25 Thirdly, my arrangement of Keys is different to that of any other, as it runs from C below the line to the top G and C on the right side, and from C C below the line to C in line on the left side. My Arrangement of Keys allows the Melody to be played on the right side of the Instrument, and the Bass or Baritone on the Left side of the Instrument. Each note in the third row is two tones higher than the adjacent note
- 30 in the second row; each note in the fourth row is one tone lower than the adjacent note in the third row.

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:—

- 35 1. The Keys are placed in a curve.

---

*Butterworth's Improvements in English Concertinas.*

---

2. The Keys are placed in five rows as follows:—
- (a) The first and fifth rows are sharps and flats; the second third and fourth rows are natural notes.
  - (b) Each note in the third row is two tones higher than the adjacent note in the second row; each note in the fourth row is one tone lower than the adjacent 5 note in the third row.

Date this Twenty-ninth day of June 1897.

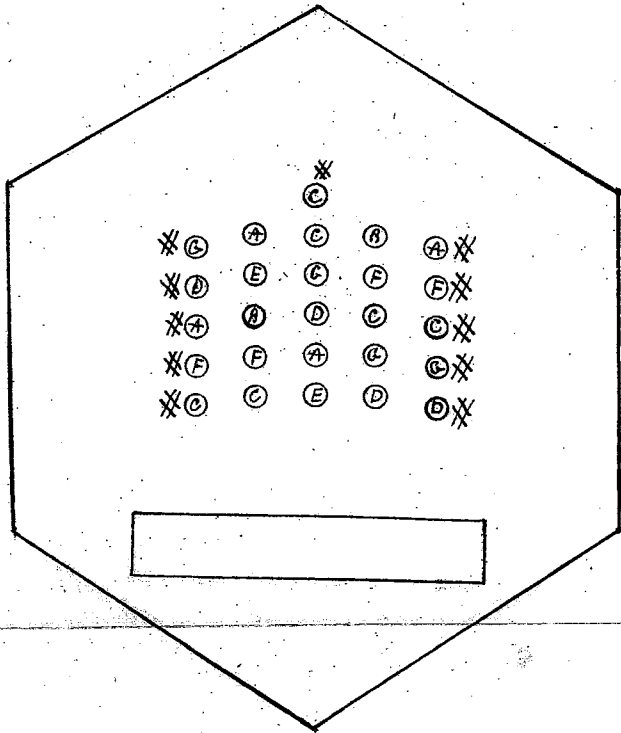
JOHN BUTTERWORTH.

Redhill: Printed for Her Majesty's Stationery Office, by Malcomson & Co., Ltd.—1897.

[This Drawing is a reproduction of the Original on a reduced scale.]

3 SHEETS  
SHEET 1.

Mulby & Sons, Photo Lith.



SHEET 2.

A.D. 1896. Oct. 1. N.º 21,730.  
BUTTERWORTHS COMPLETE SPECIFICATION.

