

(12) **UK Patent Application** (19) **GB** (11) **2 254 953** (13) **A**  
 (43) Date of A publication **21.10.1992**

<p>(21) Application No <b>9100922.5</b></p> <p>(22) Date of filing <b>16.01.1991</b></p>	<p>(51) INT CL<sup>5</sup> <b>G10G 1/04, G09B 15/02</b></p> <p>(52) UK CL (Edition K) <b>G5X X7</b></p> <p>(56) Documents cited <b>GB 1173904 A US 3867866 A</b></p> <p>(58) Field of search <b>UK CL (Edition K) G5X X1 X7 X8</b></p>
<p>(71) Applicants <b>James McKenna</b> <b>4 Castle Place, Uddingston, Glasgow, G71 7QH,</b> <b>United Kingdom</b></p> <p><b>Josephine McKenna</b> <b>4 Castle Place, Uddingston, Glasgow, G71 7QH,</b> <b>United Kingdom</b></p> <p>(72) Inventors <b>James McKenna</b> <b>Josephine McKenna</b></p> <p>(74) Agent and/or Address for Service <b>James McKenna</b> <b>4 Castle Place, Uddingston, Glasgow, G71 7QH,</b> <b>United Kingdom</b></p>	

(54) **Musical transposition slide rule**

(57) Chromatic scales are represented on each of a static and a relatively moveable slide so that when it is shifted by the transposing interval the notes of the transposed key lie adjacent those of the original key. The rule may be made from wood or plastics.

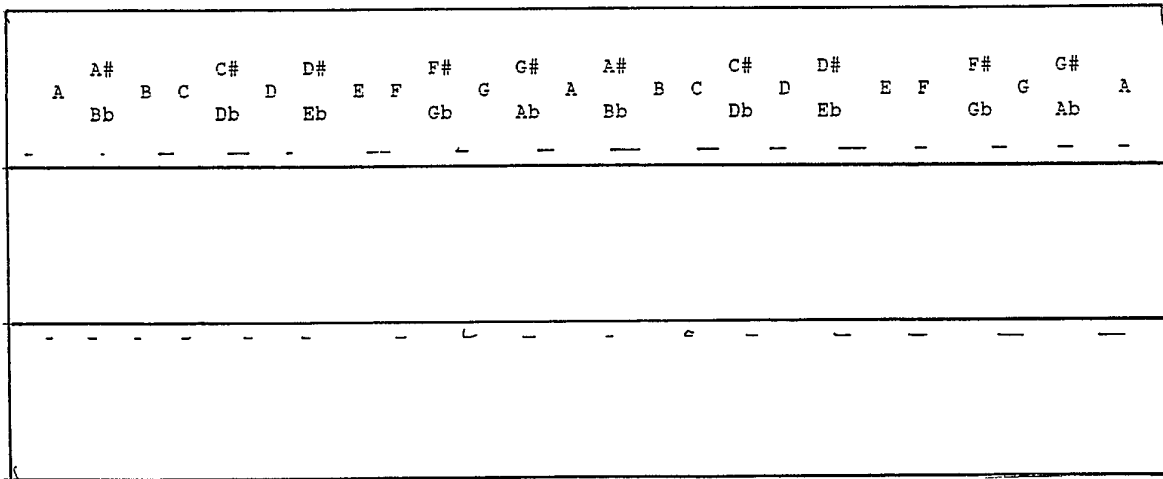


Fig 2

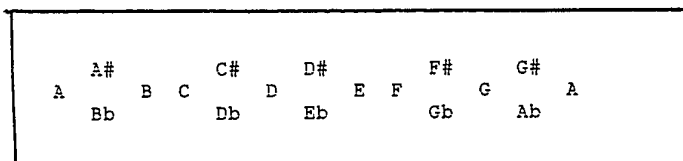


Fig 3

At least one drawing originally filed was informal and the print reproduced here is taken from a later filed formal copy.

The claims were filed later than the filing date within the period prescribed by Rule 25(1) of the Patents Rules 1990.

This print takes account of replacement documents submitted after the date of filing to enable the application to comply with the formal requirements of the Patents Rules 1990.

GB 2 254 953 A

A#	B	C	C#	D	D#	E	F	F#	G	G#	A
A	Bb	C	Db	D	Eb	F	Gb	F#	G	G#	A

Fig 2

A#	B	C	C#	D	D#	E	F	F#	G	G#	A
A	Bb	C	Db	D	Eb	F	Gb	F#	G	G#	A

Fig 3

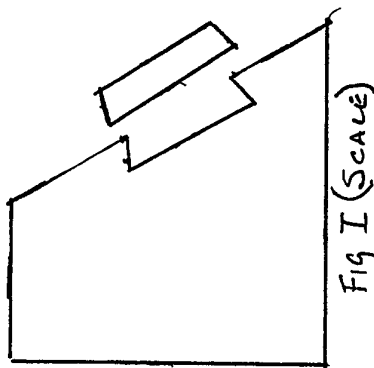


Fig I (SCALE)

**Musical Transposition Slide Rule**

- 1 This invention relates to easy key changing in a musical sense.
- 2 The apparatus as shown in Fig.1 consists of two pieces of wood or plastic (Fig.2 and 3), one part being moveable along the other as in a sliding scale.
- 3 On the non sliding part (Fig.2) there is printed a double musical scale.  
On the sliding part (Fig.3) there is printed a single musical scale.
- 4 The object of the apparatus is to line up the moving scale with the stationary scale in such a way that key changing is simplified and obvious.

2.

CLAIMS

- 1 This invention solves the problem of transposing music from key to key and can be used in the teaching and understanding of music.
- 2 The key changer as claimed in claim 1 changes key by lining up the sliding part Fig III scale with the static double scale on Fig II.
- 3 As claimed in claims 1 and 2 by usage relationships between differing keys can be quickly learned and understood.

Patents Act 1977  
 Examiner's report to the Comptroller under  
 Section 17 (The Search Report)

Application number

9100922.5

Relevant Technical fields

(i) UK CI (Edition K ) G5X (X1, X7, X8)

(ii) Int CL (Edition )

Search Examiner

S E WILLCOX

Databases (see over)

(i) UK Patent Office

(ii)

Date of Search

6 JULY 1992

Documents considered relevant following a search in respect of claims

ALL

Category (see over)	Identity of document and relevant passages	Relevant to claim(s)
X	GB 1173904 (NATHANIEL WRIGHT) See figure 1	all
X	US 3867866 (ADAMS) See figure 3	all

Category	Identity of document and relevant passages	Relevant to claim(s)

#### Categories of documents

X: Document indicating lack of novelty or of inventive step.

Y: Document indicating lack of inventive step if combined with one or more other documents of the same category.

A: Document indicating technological background and/or state of the art.

P: Document published on or after the declared priority date but before the filing date of the present application.

E: Patent document published on or after, but with priority date earlier than, the filing date of the present application.

&: Member of the same patent family, corresponding document.

**Databases:** The UK Patent Office database comprises classified collections of GB, EP, WO and US patent specifications as outlined periodically in the Official Journal (Patents). The on-line databases considered for search are also listed periodically in the Official Journal (Patents).