

#### (12) United States Design Patent (10) Patent No.: US D781,267 S Hirabayashi (45) Date of Patent: \*\* Mar. 14, 2017

(57)

(54) **TUNER** 

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(73) Assignee: KORG INC, Tokyo (JP)

(\*\*) Term: 15 Years

CLAIM

The ornamental design for a tuner, as shown and described.

#### DESCRIPTION

FIG. 1 is a top, rear, right perspective view of a tuner, showing my new design;
FIG. 2 is a rear view of the tuner of FIG. 1;
FIG. 3 is a front view of the tuner of FIG. 1;
FIG. 4 is a top view of the tuner of FIG. 1;

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#### (30) Foreign Application Priority Data

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- (51) LOC (10) Cl. ..... 14-03
- (52) U.S. Cl. USPC ...... D14/217

(58) Field of Classification Search
 USPC ..... D14/217, 218, 341, 257, 258, 434, 496,
 D14/162, 167, 175, 188, 196–198,
 D14/498–511

(Continued)

(56) **References Cited** 

#### U.S. PATENT DOCUMENTS

D326,852 S	*	6/1992	Kanno		D14/188
DARCARI C		10/1007	3.6.4	,	D14046

FIG. 5 is a bottom view of the tuner of FIG. 1; FIG. 6 is a right side view of the tuner of FIG. 1; FIG. 7 is a left side view of the tuner of FIG. 1; FIG. 8 is a top, rear, right perspective view of a tuner, showing my new design; FIG. 9 is a rear view of the tuner of FIG. 8; FIG. 10 is a front view of the tuner of FIG. 8; FIG. 11 is a top view of the tuner of FIG. 8; FIG. 12 is a bottom view of the tuner of FIG. 8; FIG. 13 is a right side view of the tuner of FIG. 8; and, FIG. 14 is a left side view of the tuner of FIG. 8. The unshaded regions demarcated by one or more broken lines or a combination of one or more broken and solid lines in FIGS. 1-7 represent unclaimed portions that form no part of the claimed design. The broken line immediately adjacent shaded region of a button shaft in FIGS. 8, 10, 13 and 14 represent an unclaimed boundary of the button shaft that forms no part of the claimed design. The unshaded regions in FIGS. 8-14, demarcated by one or more broken lines, one or more solid lines, or a combination of one or more broken and solid lines represent unclaimed portions that form no part of the claimed design. Unless otherwise described above, the broken lines in all the figures are provided for environmental purposes only and form no part of the claimed design.

D376,351 S \* 12/1996 Matsumoto ...... D14/346 (Continued)

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1 Claim, 10 Drawing Sheets



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#### **References** Cited

#### U.S. PATENT DOCUMENTS

D630,613 S	*	1/2011	Kondo D14/188
D639,782 S	*	6/2011	Kim D14/218
D677,247 S	*	3/2013	Iijima D14/217
D704,164 S	*	5/2014	Green D14/217
D722,586 S	*	2/2015	Kimura D14/188
D771,033 S	*	11/2016	Jobetto D14/341
D775,271 S	*	12/2016	Ridinger D14/188

\* cited by examiner

(56)

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FIG. 3

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FIG. 12

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