

Search history

Search TAC=(braille) and PD<20170222 (Results 6260)
1:

Search 1 AND (FT = magnet*) (Results 814)
2:

Search 2 AND (FT = emboss* OR stud OR project*) (Results 392)
3:

Search 3 AND (FT = emboss* W2 plate) (Results 3)
4:

Search TAC=(braille NEAR music) and PD<20170222 (Results 13)
5:

Search PD<20170222 and CPC=(G09B15/0*) (Results 2927)
6:

Search 6 AND (FT = board OR plate) (Results 844)
7:

Search 6 AND (FT = memorize#) (Results 172)
8:

Search 8 AND (FT = magnet*) (Results 41)
9:

Search 6 AND (FT = portable NEAR device) (Results 81)
10:

Search PN = DE200623 (Results 1)
11:

Search fn=(26085048) (Results 1)
12:

Search 10 AND (FT = magnet*) (Results 25)
13:

Search 8 AND (FT = portable) (Results 35)
14:

Search 6 AND (FT = puzzle*) (Results 45)
15:

Search fn=(18991505 or 28517045 or 29049389 or 29049389 or 3311456 or 4795805 or 12369465 or 29049389) (Results 6)
16:

Search [SP]: educational game educational game educational game educational game educational game educational game educational game
17: educational game (Results 500)

Search fn=(30176389 or 32889739 or 54581555 or 21976789 or 1124483 or 12369465 or 23357799 or 32889739 or 54581555 or 61433854)
18: (Results 8)

Search [SP]: educational game educational game educational game educational game educational game educational game educational game
19: educational game (Results 500)

Search 6 AND 19 (Results 0)
20:

Search 6 AND (FT = emboss* OR stud OR project*) (Results 432)
21:

Search 21 AND (FT = (piece* OR part* OR board OR pad OR plate) NEAR (nest* OR fit* OR match*)) (Results 30)
22:

Search fn=(45001922 or 11923092 or 11923092 or 14480077 or 14480077 or 23573896 or 32455133 or 31969428 or 54912069 or 59700383 or
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Search 6 AND 24 (Results 25)
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Search 6 AND (CC = CO) (Results 0)
28:

Search 1 AND (CC = CO) (Results 19)
29:

Search 6 AND 27 (Results 37)
30:

Title: LEHRAUTOMAT TEACHING MACHINE (Machine translation)

Abstract: Source: DE1797506A1 [DE] (Claim 1) Patentansprueche 10 Lehrautomat zur Anzeige physikalischer Signale z. B. Toene, Woerter, Verbale und dergleichen, insbesondere Musiklehr- automat fuer den Unterricht in Schulen, mit einen Sendergerlaet,- das ueber zwei oder mehrere Ausgangskanaele je ein Dauersignalp z.

Machine translation: (Claim 1) claims 10 teaching machine to display physical Signaleg eg sounds, words, verbal, and the like, especially music teachers for automat-teaching in schools, with one Sendergerlaet - that over two or more Ausgangskanaele Dauersignalp for each one

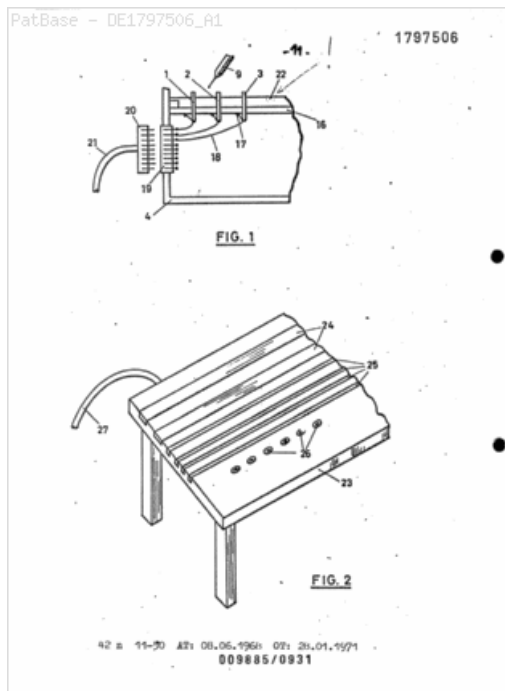
Classifications:

International (IPC 8-9): G09B15/04 G09B5/04 (Advanced/Invention);
G09B15/02 G09B5/00 (Core/Invention)

International (IPC 1-7): G09B15/00

CPC: G09B5/04 G09B15/04

European: G09B15/04 G09B5/04



Family:

Publication number	Publication date	Application number	Application date
DE1797506 A1	19710128	DE19681797506	19680608

Priority:

DE19681797506 19680608

Probable Assignee:

SIMONS VOLKARD

Assignee(s): (std):

SIMONS VOLKARD

Inventor(s): (std):

SIMONS VOLKARD

Title: Electronic type music learning aids

Abstract: An electronic type music learning aid includes an input unit for the introduction of musical information such as duration and pitch of a tone, etc., in a digital fashion, a storage to and from which digital information can be written and read in sequence, a musical note display which provides a visual display of digital information read from the storage, and a sound generator which produces sounds in response to the digital information provided from the storage.

Classifications:

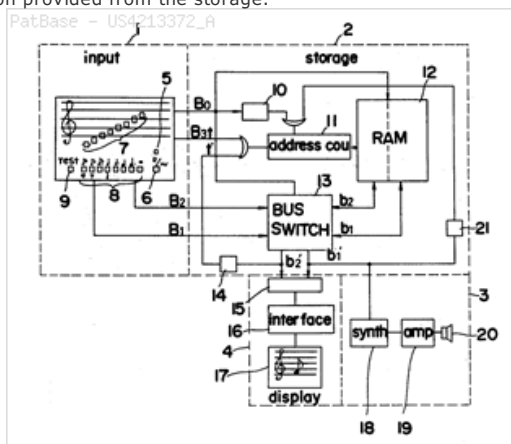
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G10H1/00 (Advanced/Invention);
G09B15/00 G09B15/02 G09B5/00 G09F9/00 G09F9/30 G10G1/00
G10G3/00 G10H1/00 (Core/Invention)

International (IPC 1-7): G09B15/00 G09B15/02 G09B15/04
G09B5/06 G09F9/30 G10G1/00 G10H7/00

CPC: G09B15/04

European: G09B15/04

US: 84/470R 84/484



Family:

Publication number	Publication date	Application number	Application date
JP1124456 C3	19821130	JP19770062307	19770527
JP1124458 C3	19821130	JP19770067457	19770607
JP53146831 A2	19781221	JP19770062307	19770527
JP54002061 U1	19790108	JP19770074383U	19770607
JP54002830 A2	19790110	JP19770067457	19770607
JP56011095 Y2	19810312	JP19770074383U	19770607
JP56014989 B4	19810407	JP19770062307	19770527
JP56031593 B4	19810722	JP19770067457	19770607
US4213372 A	19800722	US19780908958	19780524

Priority:

JP19770062307 19770527 JP19770067457 19770607 JP19770074383U 19770607

Probable Assignee: SHARP KK

Assignee(s): (std): SHARP KK

Assignee(s): SHARP K K

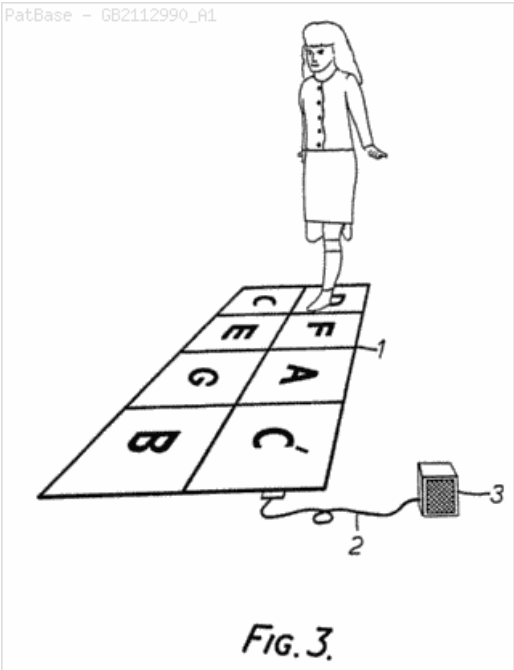
Inventor(s): (std): SASAKI TAKEHIKO ; YASHIRO YUJI ; YASHIRO YUUJI

Title: Educational toy

Abstract: The toy includes mat means (1) arranged as a plurality of areas designated by numbers, letters, or the like, and output means such as a musical note generator (3) controllable by the mat means to provide a specific auditory and/or visual output according to the area stepped on. The auditory outputs include musical tones and spoken numbers, letters or words. The visual outputs include displays of numbers, letters, and the like and may be effected by means of a TV receiver or a seven-segment display.

Classifications:

International (ipc 8-9): A63F3/00 G09B15/02 G09B17/00
G09B19/00 G09B5/06 (Advanced/Invention);
A63F3/02 A63F3/04 A63F9/24 (Advanced/Non-invention)
International (ipc 1-7): G09B15/04 G09B17/00
CPC: A63F3/00643 A63F3/0421 A63F2003/00671 A63F2009/2476
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G09B15/023 G09B17/006 G09B19/0015
European: A63F3/00E G09B15/02B G09B17/00B2 G09B19/00C
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K63F9/24P4S K63F9/24P4T



Family:

Publication number	Publication date	Application number	Application date
GB2112990 A1	19830727	GB19820032389	19821112

Priority:

GB19810034761 19811118 GB19820032389 19821112

Probable Assignee:

GUHA JOAN

Assignee(s): (std):

GUHA JOAN ; GUHA PRODIP SANKAR

Assignee(s):

JOAN GUHA ; PRODIP SANKAR GUHA

Inventor(s): (std):

GUHA JOAN ; GUHA PRODIP SANKAR

Inventor(s):

JOAN GUHA ; PRODIP SANKAR GUHA

Title: Auditory playing device

Abstract: A casing which accommodates an electric circuit for generating sounds of different tones or voice sounds has a recess 11 defined in its upper panel and a loudspeaker 12 disposed therein and mounted on the upper panel for reproducing and radiating sounds or voice sounds. A plurality of tone plates can selectively be placed, one at a time, in the recess. Each of the tone plates has dots and a bar code indicative of a sound or voice sound of its own. When one of the tone plates is inserted in the recess, the dots or bar code is detected by a sensor in the recess, and the electric circuit enables the loudspeaker to reproduce and radiate a tone or voice which is indicated by the inserted tone plate.

Classifications:

International (IPC 8-9): A63F9/18 A63H33/00 A63H5/00 G09B15/00 G09B15/04 G09B5/04 G10H3/00 G10H5/00 (Advanced/Invention); A63F9/24 (Advanced/Non-invention); A63F9/18 A63H33/00 A63H5/00 G09B15/00 G09B15/02 G09B5/00 (Core/Invention); A63F9/24 (Core/Non-invention)

International (IPC 1-7): A63F9/18 A63H33/00 A63H5/00 G09B15/00 G09B15/04 G09B3/00 G09B5/06 G09B7/00 G10H3/00 G10H5/00

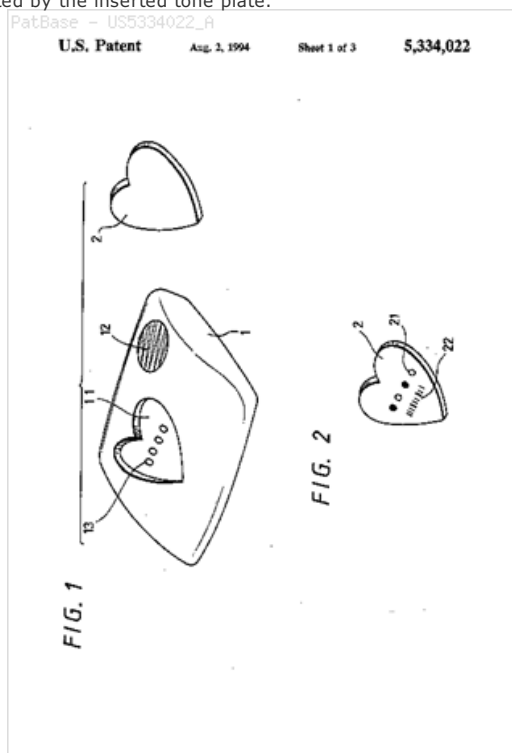
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A63F2009/2477 G09B5/04 G09B15/04

European: A63F9/18E G09B15/04 G09B5/04 K63F9/24N2B

K63F9/24N2B1 K63F9/24P4S K63F9/24P4T

US: 434/327 434/335 434/340



Family:

Publication number	Publication date	Application number	Application date
DE69216949 D1	19970306	DE19926016949	19920826
DE69216949 T2	19970515	DE19926016949T	19920826
EP0529596 A1	19930303	EP19920114517	19920826
EP0529596 B1	19970122	EP19920114517	19920826
JP5057063 A2	19930309	JP19910220714	19910830
KR100196960 B1	19990615	KR19920015162	19920824
KR19930003947 A	19930322	KR19920015162	19920824
TW201352 B	19930301	TW19920105475	19920710
US5334022 A	19940802	US19920937792	19920828

Priority:

JP19910220714 19910830

Probable Assignee: SONY CORP

Assignee(s): (std): SONY CO LTD ; SONY CORP ; SUNI CO LTD

Inventor(s): (std): KITAGAWA KEIKO ; YASUDA SHIRO

Inventor(s): YASUDA SHIRO SHINAGAWA KU TOKYO JP ; KITAGAWA KEIKO SHINAGAWA KU TOKYO JP

Designated states: DE FR GB

Title: AUDITORY PLAYING DEVICE

Abstract: An auditory playing device has a plurality of circular or polygonal tone plates marked with respective identification codes. Each of the tone plates has concentric dark and bright stripes that are placed, one at a time, in a recess defined in a casing substantially in any direction with respect to the recess. The casing houses an array of detectors disposed in the recess for detecting the identification code on the tone plate that is placed in the recess. A microcomputer determines whether a tone plate is placed in the recess based on signals from the detectors. When one of the tone plates is placed in the recess, the microcomputer controls a loudspeaker to produce a sound represented by the identification code on the tone plate placed in the recess. The auditory playing device can easily be handled by children and is effective to train them for sharpening their auditory senses.

Classifications:

International (IPC 8-9): A63F9/24 A63H33/00 A63H5/00 G09B15/00 G09B5/04 G09B5/06 (Advanced/Invention); G06K19/06 (Advanced/Non-invention); A63F9/24 A63H33/00 A63H5/00 G09B15/00 G09B5/00 (Core/Invention); G06K19/06 (Core/Non-invention)

International (IPC 1-7): A63H33/00 A63H5/00 G09B15/00 G09B5/04

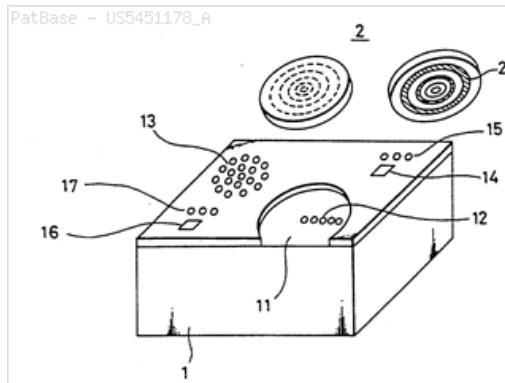
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G06K2019/06243 G09B5/04 G09B5/06

European: A63F9/24 A63H5/00 G09B15/00 G09B5/04 G09B5/06

K63F9/24N2B3 K63F9/24P4 S06K19/06W6

US: 395/2.81 434/311 446/175 446/397 704/272 84/600



Family:

Publication number	Publication date	Application number	Application date
GB2265489 A1	19930929	GB19930005918	19930322
GB2265489 B2	19950614	GB19930005918	19930322
GB9305918 A0	19930512	GB19930005918	19930322
JP5323864 A2	19931207	JP19930000296	19930105
TW295291 Y	19970101	TW19930218084U	19930322
US5451178 A	19950919	US19930026484	19930304

Priority:

JP19920068479 19920326 JP19920071530 19920327 JP19930000296 19930105

Probable Assignee: SONY CORP

Assignee(s): (std): SONY CORP

Inventor(s): (std): HATTORI EMI ; YASUHARA NAE ; YOROZU HIROMU ; YOROZU HIROSHI ; YASUHARA NANAE ; MATSUSHITA EMI

Inventor(s): NAE YASUHARA ; HIROMU YOROZU ; EMI HATTORI

Agent(s): KOIKE AKIRA; IGA SEIJI; TAMURA EIICHI

Title: Karaoke apparatus and method for medley playback

Abstract: A karaoke apparatus for medley playback includes: playback unit for receiving playback information including MIDI sound source control information and producing acoustic sound of karaoke song on the basis of the playback information; information storage unit for storing playback information and identification information of a plurality of karaoke songs; the identification information specifying playback information of a highlight portion of each of the plurality of karaoke songs; selection instructing unit for instructing a selection of karaoke songs to be played; and playback control unit for reading out playback information of the highlight portions of the songs selected by the selection instructing unit from the information storage unit on the basis of the identification information of the each of the selected karaoke songs, and controlling the playback unit to successively play the selected karaoke songs on the basis of the playback information of the selected karaoke songs to produce a medley of the selected karaoke songs.

Classifications:

International (IPC 8-9): G09B15/00 G09B15/04 G09B5/06 G10H1/00 G10H1/36 G10K15/04 G11B20/00 G11B27/00 G11B27/10 G11B27/11 G11B27/34 (Advanced/Invention); G09B15/00 G09B15/02 G09B5/00 G10H1/00 G10H1/36 G10K15/04 G11B20/00 G11B27/00 G11B27/10 G11B27/11 G11B27/34 (Core/Invention)

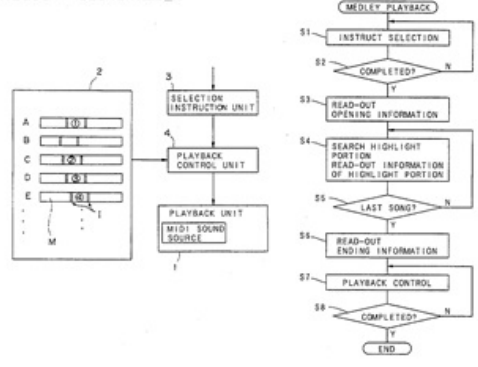
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European: G09B15/04 G09B5/06C G10H1/36K G11B20/00 G11B27/00A G11B27/10A1 G11B27/11 G11B27/34 S10H210/125 S10H240/271 S11B220/25D6 S11B220/65

US: 348/484 358/342 360/32 360/72.2 386/102 386/240 386/244 386/97 434/307.00A 434/307A 434/307R 434/318 84/477R 84/601 G9B/020 G9B/027.001 G9B/027.019 G9B/027.021 G9B/027.051 G9B/20 G9B/27.001 G9B/27.019 G9B/27.021 G9B/27.051

PatBase - US5454723_A



Family:

Publication number	Publication date	Application number	Application date
JP3503958 B2	20040308	JP19920348570	19921228
JP6202675 A2	19940722	JP19920348570	19921228
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Priority:

JP19920348570 19921228

Probable Assignee:

PIONEER ELECTRONIC CORP

Assignee(s): (std):

PIONEER ELECTRONIC CORP

Assignee(s):

PIONEER CORP ; PIONEER ELECTRON CORP

Inventor(s): (std):

HORII KAZUTSUGU ; HORII KAZUTUGU

Title: Electronic audio learning apparatus

Abstract: To provide effective, self-learning and fun way to educate children, this electronic audio learning apparatus consists of the sensing section program which are stored in the ROM-pack. The D/A converting section and the piano IC generate audible analog voice output from the ROM-stored digital data and the musical keyboard. These two types of signals are sent to the book/keyboard selection switch to provide users with variety of sound service. The CPU calculates the address of the ROM-pack data/program from the input data detected by the sensing section and the sound effect section. The digital data which is fetched from the ROM-pack is converted to audible voice as it passes through the D/A converting section, LPF, the book/keyboard selection switch, the voice amplifier and the speakers, sequentially.

Classifications:

International (IPC 8-9): G09B15/04 G09B15/08

G09B5/06 (Advanced/Invention);

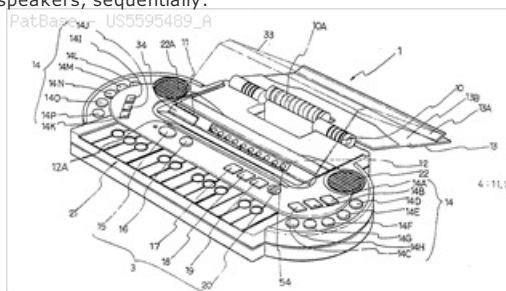
G09B15/00 G09B15/02 G09B5/00 (Core/Invention)

International (IPC 1-7): G09B3/00 G09B5/04

CPC: G09B5/062 G09B15/04 G09B15/08

European: G09B15/04 G09B15/08 G09B5/06B

US: 434/317 434/319



Family:

Publication number	Publication date	Application number	Application date
KR19950020359 A	19950724	KR19930026228	19931202
KR960012403 B1	19960920	KR19930026228	19931202
US5595489 A	19970121	US19940352765	19941202

Priority:

KR19930026228 19931202

Probable Assignee: KEMONGSA PUBLISHING CO LTD

Assignee(s): (std): KE MONG CO SA ; KE MONG SA CO ; KEMONGSA PUBLISHING CO LTD

Inventor(s): (std): KWON HAN D ; KWON HAN DUK

Title: Musical performance teaching system and method, and machine readable medium containing program therefor

Abstract: A fully computerized musical performance teaching system comprises a computer apparatus having a keyboard and a display and is connectable to an electronic musical instrument. An application program provides the computer with various functions such as of judging student's skills, selecting music pieces for practice, training the student in performance and evaluating the student's progress through the teaching course. The judging function is to judge the student's performance skill from the student's responses to the subjects which the computer presents. The selecting function is to select a piece of music for practice according to the judgment results and the student's wishes and also to select a tutoring manner from among several prepared manners. The training function is to plan a practice schedule to meet the student's performance skill and wishes and to let the student practice with proper music pieces. The evaluation function is to evaluate and mark the student's performance, and reflect the evaluation results and marked points in the progressing rate and the presented subjects and also in adjusting the judgment results.

Classifications:

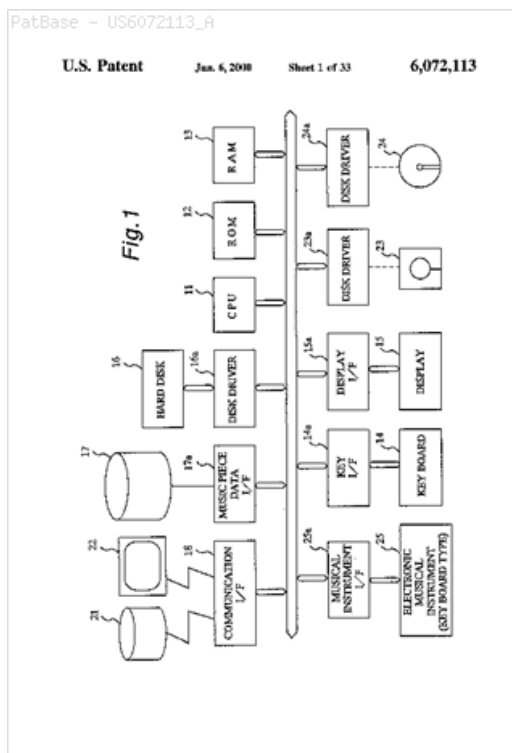
International (IPC 8-9): G06F17/00 G09B15/00 G09B15/04 G09B19/00 G09B5/06 G10G1/02 G10H1/00 (Advanced/Invention); G06Q50/00 (Advanced/Non-invention); G09B15/00 G09B15/02 G09B19/00 G09B5/00 G10G1/00 G10H1/00 (Core/Invention)

International (IPC 1-7): G06F15/20 G09B15/00 G09B15/04 G09B19/00 G09B5/06 G10G1/02 G10H1/00

CPC: G09B5/065 G09B15/00 G09B15/04

European: G09B15/00 G09B15/04 G09B5/06C

US: 84/470R 84/477R 84/609



Family:

Publication number	Publication date	Application number	Application date
CN1186291 A	19980701	CN19971017083	19971017
CN1216353 C	20050824	CN19971017083	19971017
EP0837436 A1	19980422	EP19970118070	19971017
JP10187020 A2	19980714	JP19970221204	19970804
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Priority:

JP19960276496 19961018	JP19960288725 19961030	JP19960304156 19961031
JP19970221204 19970804	JP19970241448 19970905	JP19970261878 19970926
JP20040150198 20040520		

Probable Assignee: YAMAHA CORP

Assignee(s): (std): YAMAHA CORP

Inventor(s): (std): HIROSE SATOYUKI ; HIROSE TOMOYUKI ; MASAKI HARA ; TOHGI YUTAKA ; ATSUSHI TOOGI ; CHIKOO HIROSE ; TOUGI ATSUSHI ; HARA MASAKI

Inventor(s): HIROSE CHIKOO ; TOOGI ATSUSHI

Agent(s): OBA SAKIO; KATO SHINJI; PROSPEC PATENT FIRM

Designated states: DE GB IT

Title: Music lesson system with local training terminal and remote supervisory station

Abstract: A music apparatus is communicable with a supervisory computer through a network for remotely training a user in matching with a skill level. In the music apparatus, an instrument is manually operable by the user for generating a performance. A monitor displays a lesson score in matching with the skill level so that the user is prompted to render the displayed lesson score by operating the instrument for generating a sample performance. A processor compares event data representative of the sample performance with note data representative of the lesson score to locally execute a quantitative evaluation of the sample performance. A transmitter transmits the event data representative of the sample performance to the supervisory computer through the network so that the supervisory computer can work to remotely provide a qualitative evaluation of the sample performance according to the event data to thereby arrange instruction data. The qualitative evaluation is different from the quantitative evaluation and is locally unavailable. A receiver receives the instruction data from the supervisory computer through the network to pass the instruction data to the processor. The processor operates based on either of the local quantitative evaluation and the remote qualitative evaluation represented by the received instruction data for modifying the lesson score effective to improve the skill level of the user.

Classifications:

International (IPC 8-9): G09B15/00 G09B15/04 G09B5/06

G09B5/14 (Advanced/Invention);

G09B15/00 G09B15/02 G09B5/00 (Core/Invention)

International (IPC 1-7): G09B15/00 G09B15/02 G09B15/04

G09B5/00 G09B5/06 G09B5/14 G09B7/00

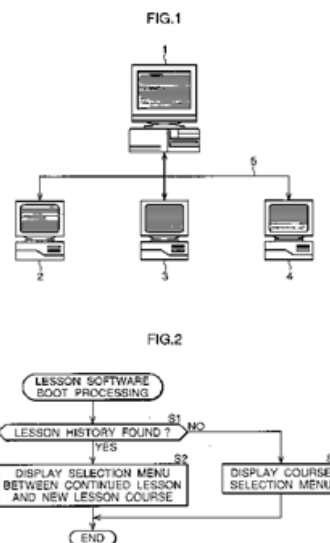
CPC: G09B5/065 G09B5/14 G09B15/00 G09B15/04

European: G09B15/00 G09B15/04 G09B5/06C G09B5/14

US: 434/323 434/336 434/365 84/470R 84/477R

PatBase - US6211451_BA

U.S. Patent Apr. 3, 2001 Sheet 1 of 6 US 6,211,451 B1



Family:

Publication number	Publication date	Application number	Application date
CN1226048 A	19990818	CN19991002727	19990129
DE69943860 D1	20120105	DE19996043860	19990125
EP0933749 A2	19990804	EP19990101317	19990125
EP0933749 A3	20000913	EP19990101317	19990125
EP0933749 B1	20111116	EP19990101317	19990125
JP11219104 A2	19990810	JP19980030420	19980129
JP3371791 B2	20030127	JP19980030420	19980129
SG87788 A1	20020416	SG19990000129	19990121
US6211451 BA	20010403	US19990238645	19990126

Priority:

JP19980030420 19980129 EP19990101317 19990125

Probable Assignee: YAMAHA CORP

Assignee(s): (std): EBEL S A FAB ; YAMAHA CORP

Assignee(s): YAMAHA HAMAMATSU CORP

Inventor(s): (std): AKANE IYATOMI ; HARA MASAKI ; HIROSE SATOYUKI ; HIROSE TOMOYUKI ; MASAKI HARA ; TOGHI YUTAKA ; TOGHI YUTAKA ; TOMOYUKI HIROSE ; TOGHI ATSUSHI ; YATOMI AKANE ; YUTAKA TOGHI ; IYATOMI AKANE

Inventor(s): IYATOMI AKANE C OYAMAHA CORPORATION ; IYATOMI AKANE C OYAMAHA HAMAMATSU SHI CORP ; TOGHI YUTAKA C OYAMAHA CORPORATION ; TOGHI YUTAKA C OYAMAHA HAMAMATSU SHI CORP ; HIROSE TOMOYUKI C O YAMAHA MUSIC FOUNDATION ; HARA MASAKI C O YAMAHA MUSIC FOUNDATION

Agent(s): KEHL ASCHERL LIEBHOFF AND ETTMAYR PATENTANWALTE PARTNERSCHAFT; KEHL GUENTHER

Designated states: AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

Title: System and method for variable music notation

Abstract: A control program tangibly stored on a digital storage medium for use with a music system is configured to cause a digital processor to carry out the following functions. It causes the processor to (1) support a plurality of user selectable display formats each of which presents a different representation of the stored musical score when the stored musical score is being played, each of the plurality of display formats indicating to the user when actuation signals should be generated to cause an audio component to produce corresponding sounds of the stored musical score; (2) respond to a selection signal from the user identifying a selected one of the plurality of user-selectable display formats; and (3) display the stored musical score using the selected display format.

Classifications:

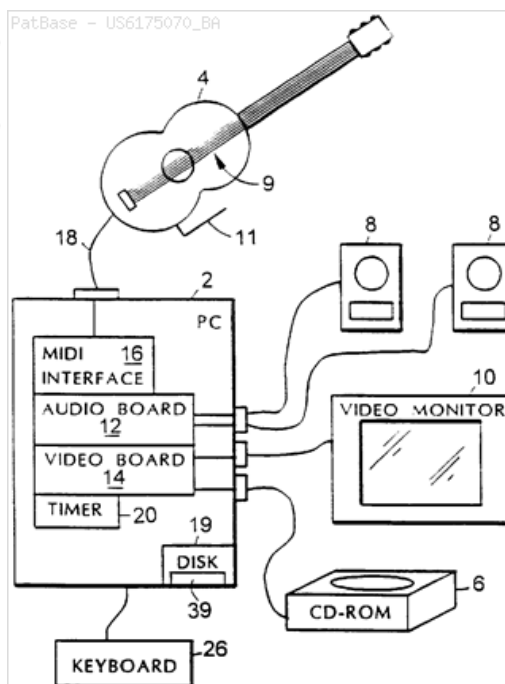
International (IPC 8-9): G09B15/00 G09B15/04 G10G1/00 G10H1/00 G10H1/26 G10H1/36 G10H3/18 (Advanced/Invention); G09B15/00 G09B15/02 G10G1/00 G10H1/00 G10H1/26 G10H1/36 G10H3/00 (Core/Invention)

International (IPC 1-7): G09B15/00 G09B15/04 G10G1/00 G10H1/00 G10H1/26

CPC: G09B15/003 G09B15/04 G10H1/0008 G10H1/0066 G10H1/363 G10H3/188 G10H2210/091

European: G09B15/00B2A G09B15/04 G10H1/00M G10H1/00R2C2 G10H1/36K2 G10H3/18P3 S10H210/091

US: 84/470R 84/477R 84/609



Family:

Publication number	Publication date	Application number	Application date
CA2400400 AA	20020816	CA20012400400	20010215
CA2400400 C	20080805	CA20012400400	20010215
EP1269449 A1	20030102	EP20010910768	20010215
EP1269449 A4	20061129	EP20010910768	20010215
JP2001228863 A2	20010824	JP20000361824	20001128
JP3547702 B2	20040728	JP20000361824	20001128
US6175070 BA	20010116	US20000506219	20000217
WO0161673 A1	20010823	WO2001US04914	20010215

Priority:

US20000506219 20000217 WO2001US04914 20010215

Probable Assignee: NAMCO HOLDING CORP

Assignee(s): (std): MUSICPLAYGROUND INC

Assignee(s): NAMCO HOLDING CORP ; NAPLES BRADLEY J ; PAQUETTE JOHN ; SNOW HERBERT P ; ZACK THOMAS ; FERRY ROBERT

Inventor(s): (std): FERRY ROBERT ; NAPLES BRADLEY J ; PAQUETTE JOHN ; SNOW BERT ; SNOW HERBERT P ; ZACK THOMAS

Agent(s): SMART AND BIGGAR

Designated states: AT BE CA CH CY DE DK ES FI FR GB GR IE IT KR LI LU MC NL PT SE SG TR