

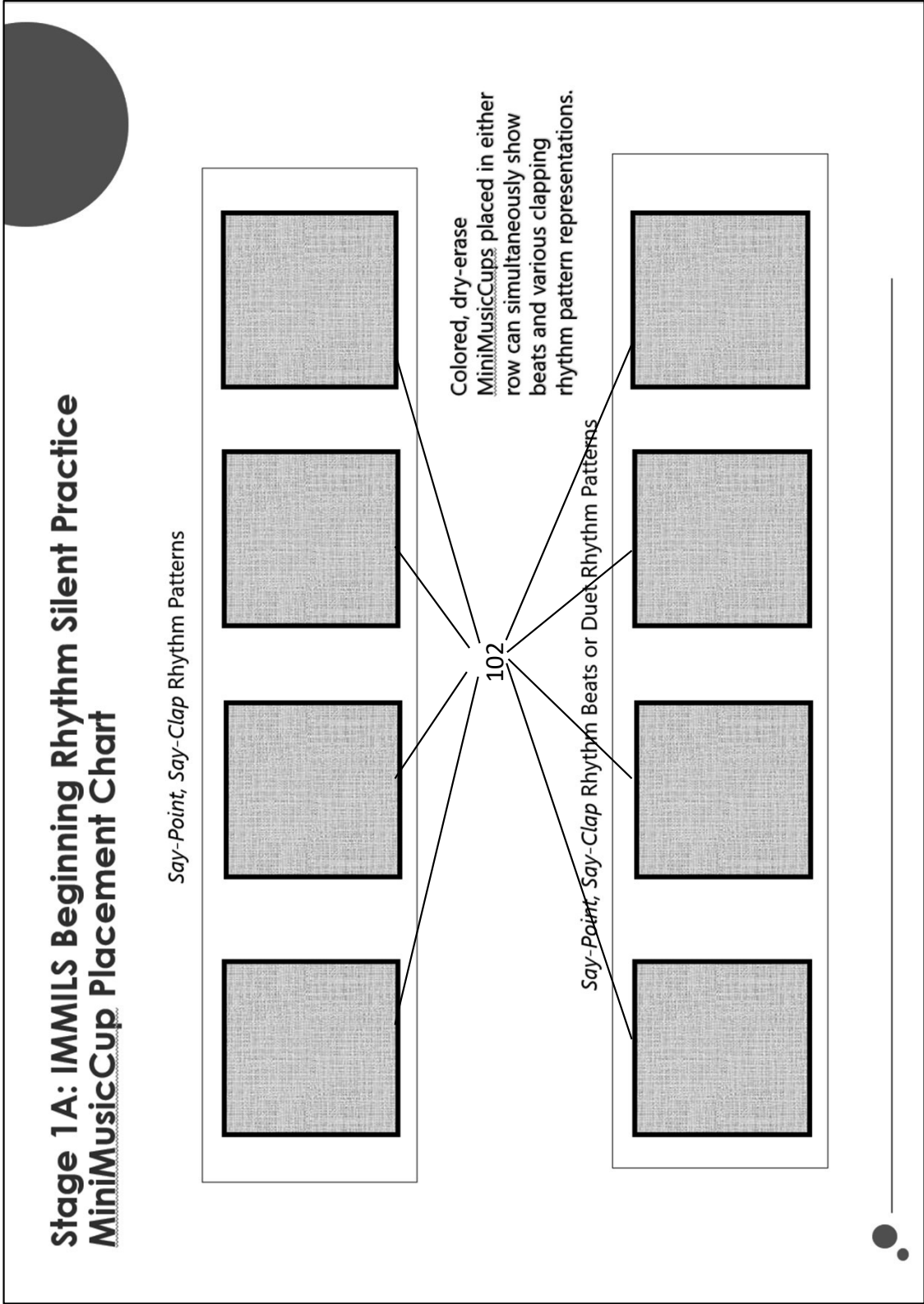
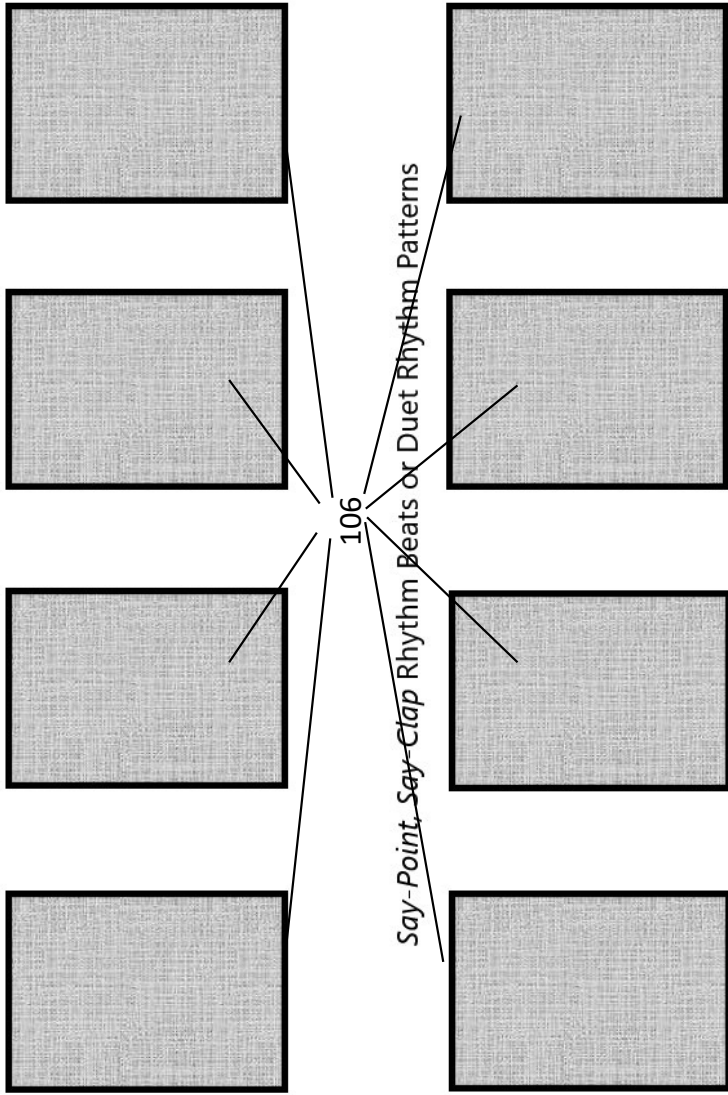


Figure 1A

IMMILS MiniMusicCard Beginning Rhythm Silent Practice Placement Chart

Say-Point, Say-Clap Rhythm Patterns



MiniMusicCards placed in either row can simultaneously show beats and various clapping rhythm pattern representations.

Figure 1B

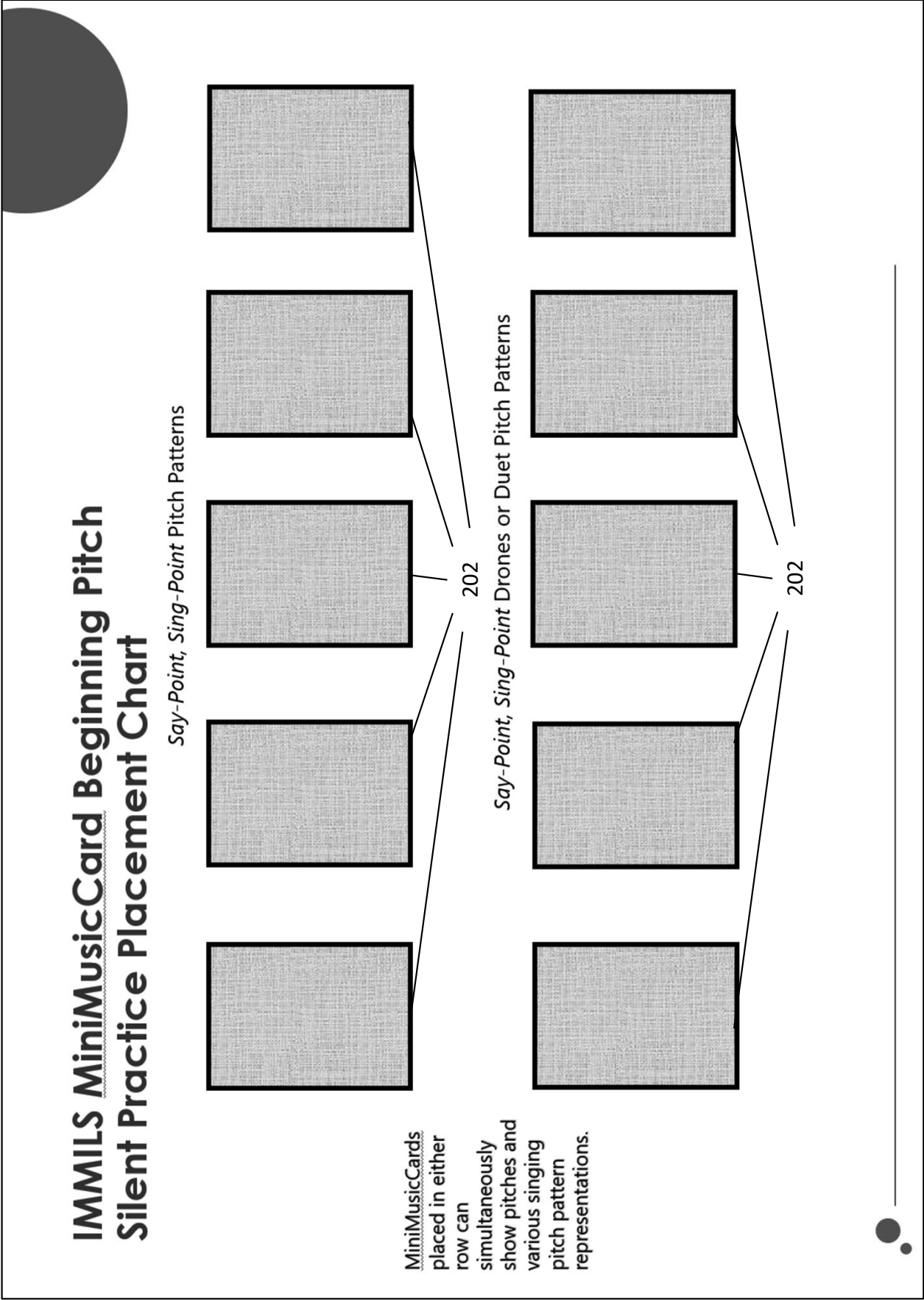


Figure 2A



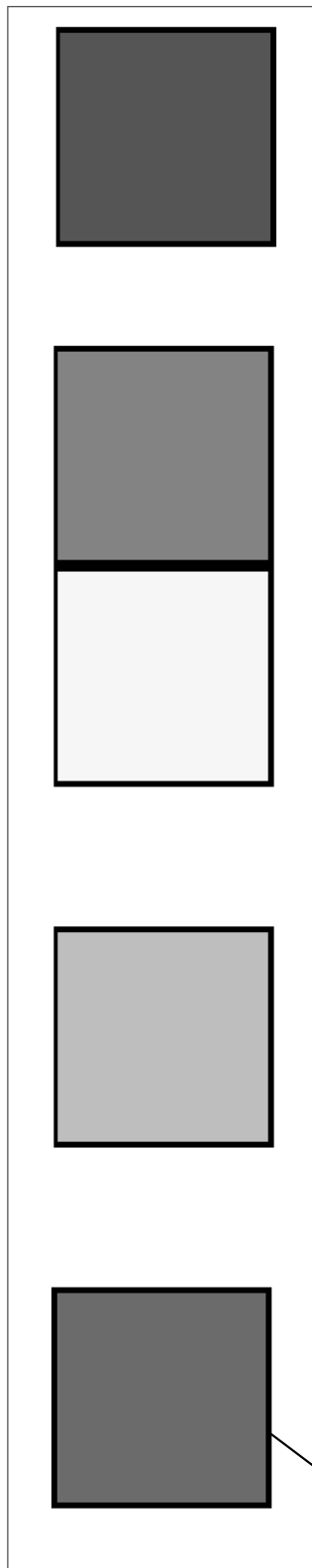
Stage 1B: IMMILS Beginning Pitch Silent Practice MiniMusicCup 5-Note Rotating Vertical and Horizontal Placement Chart



VERTICAL ORIENTATION

Colored, dry-erase MiniMusicCups at first are spatially arranged VERTICALLY to show note names/ scale degree intervals of the first 5 notes of the major scale.

Champs *say-point, sing-point* to the MusicCups (assigned numbers, DRM note name letters, color codes)



HORIZONTAL ORIENTATION

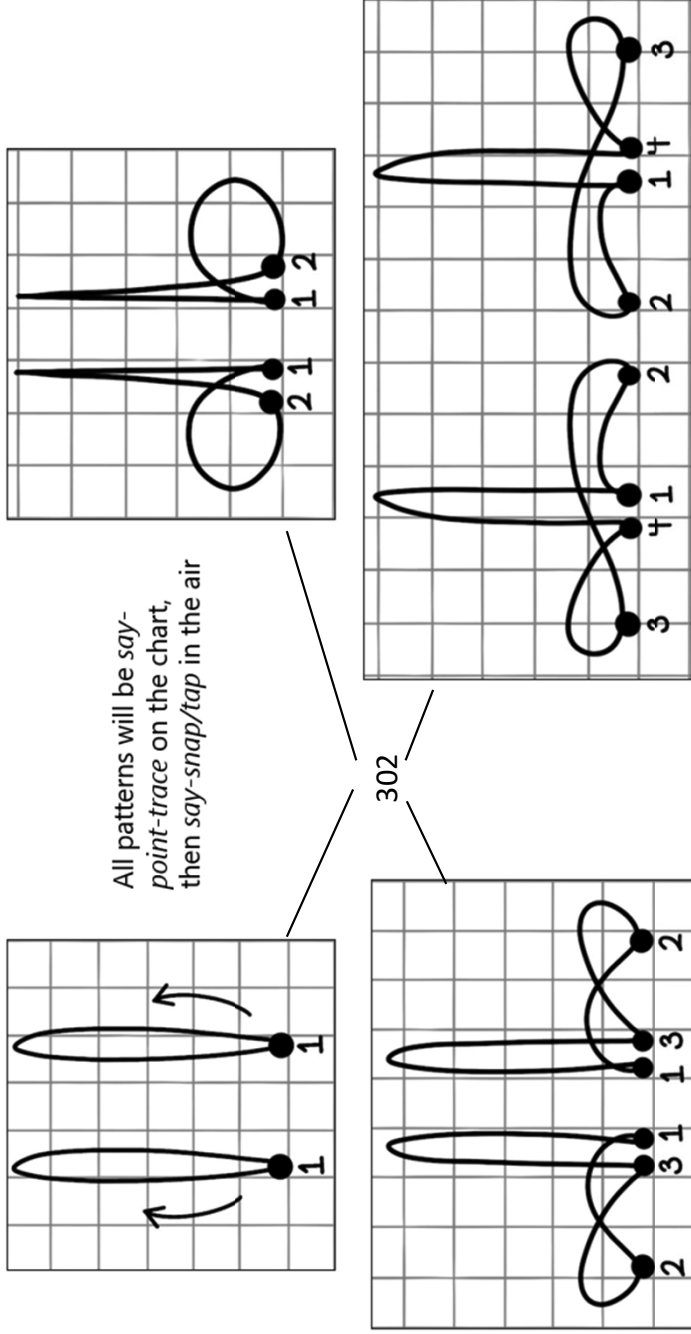
206

Colored, dry-erase MiniMusicCups are then spatially arranged HORIZONTALLY to show note name/ scale degree intervals of the first 5 notes of the major scale. Champs *say-point, sing-point* to the MusicCups (assigned numbers, DRM note names letters, color codes)



Figure 2B

IMMILS Beginning Two-Hand Conducting Patterns Silent Practice Chart



All patterns will be say-point-trace on the chart, then say-snap/tap in the air

Beat Metric Cycle (Meter) expressing metric beat conducting pattern:

- 1 beat per cycle: raise hands (with breath) up from 1, down to 1, repeat
- 2 beats per cycle: raise hands (with breath) up from 1, down to 1, **circle out** to 2, repeat
- 3 beats per cycle: raise hands (with breath) up from 1, down to 1, **curve OUT** to 2, **curve IN** to 3, repeat
- 4 beats per cycle: raise hands (with breath) up from 1, down to 1, **curve IN** to 2, **curve OUT** to 3, **curve IN** to 4, repeat

Practice first with STOPS on each beat point
Then practice "connecting the dots"

Figure 3

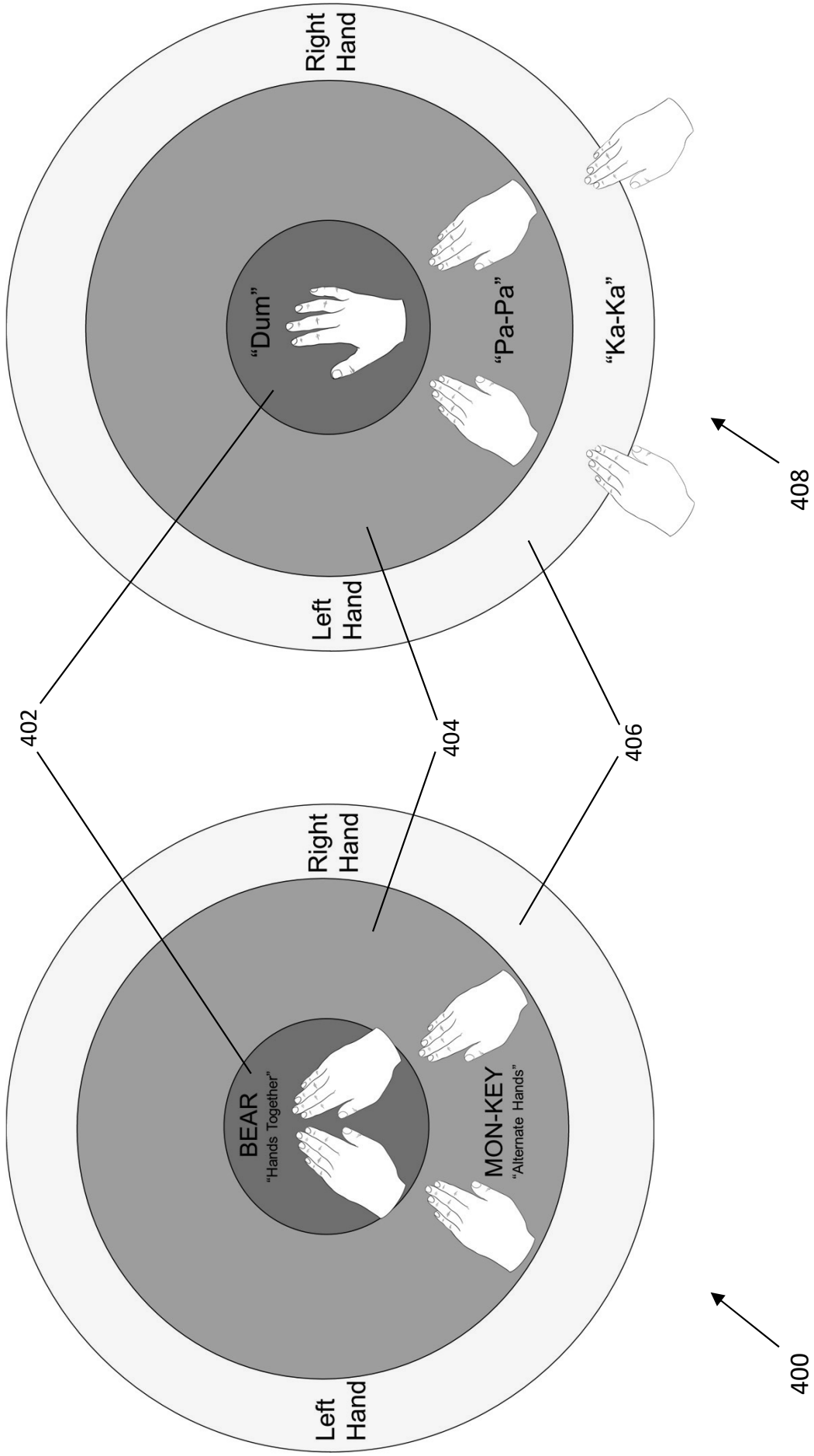


Figure 4

Stage 1: IMMILS Beginning 5-Note Vertical/Horizontal ToneBar Scale Degree Interval Silent Practice Charts

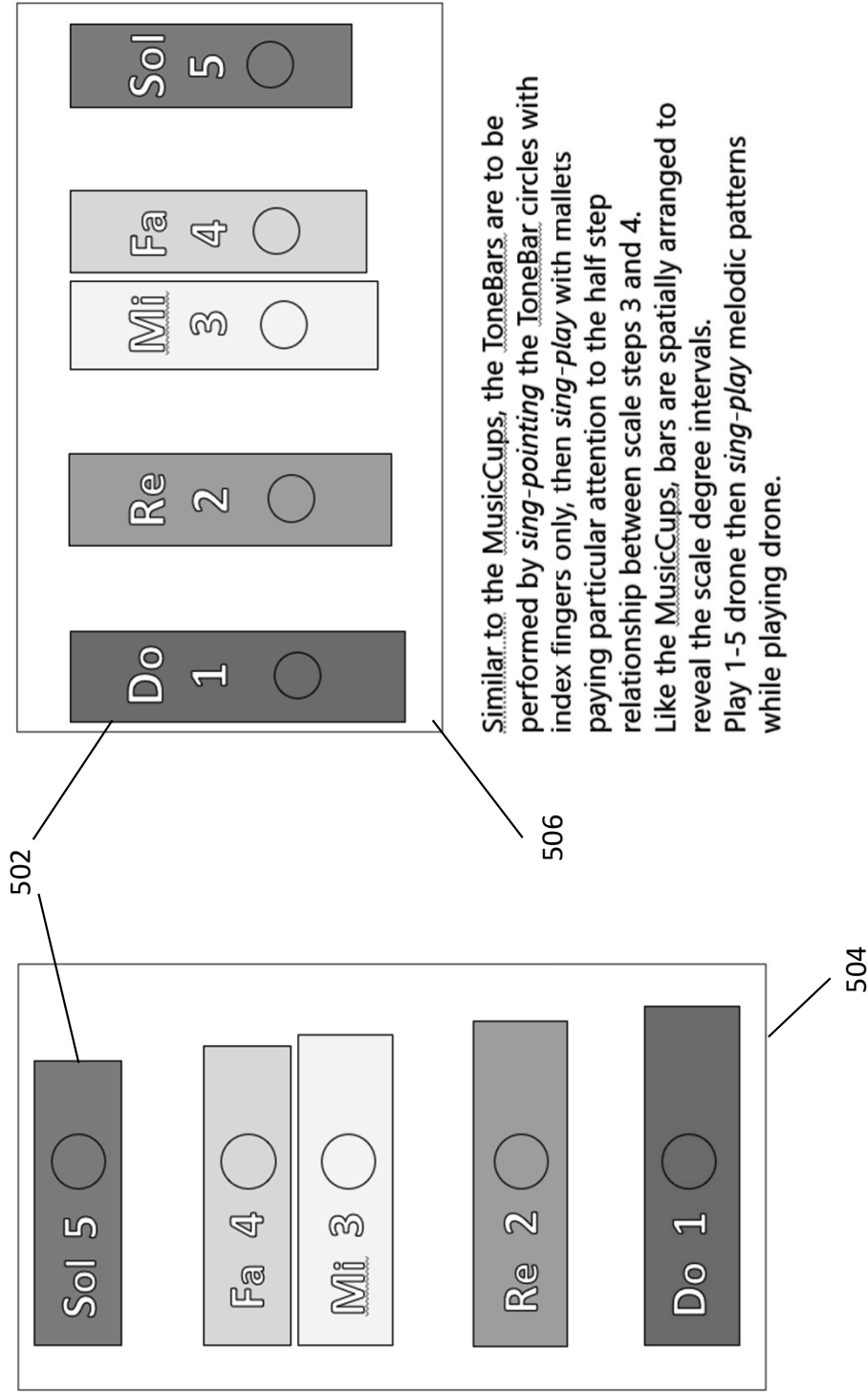


Figure 5A

Stage 2: IMMILS Beginning 8-Note Vertical/Horizontal ToneBar Scale Degree Interval Silent Practice Charts

Do 8

Ti 7

La 6

Sol 5

Fa 4

Mi 3

Re 2

Do 1

Do 1

Re 2

Mi 3

Fa 4

Sol 5

La 6

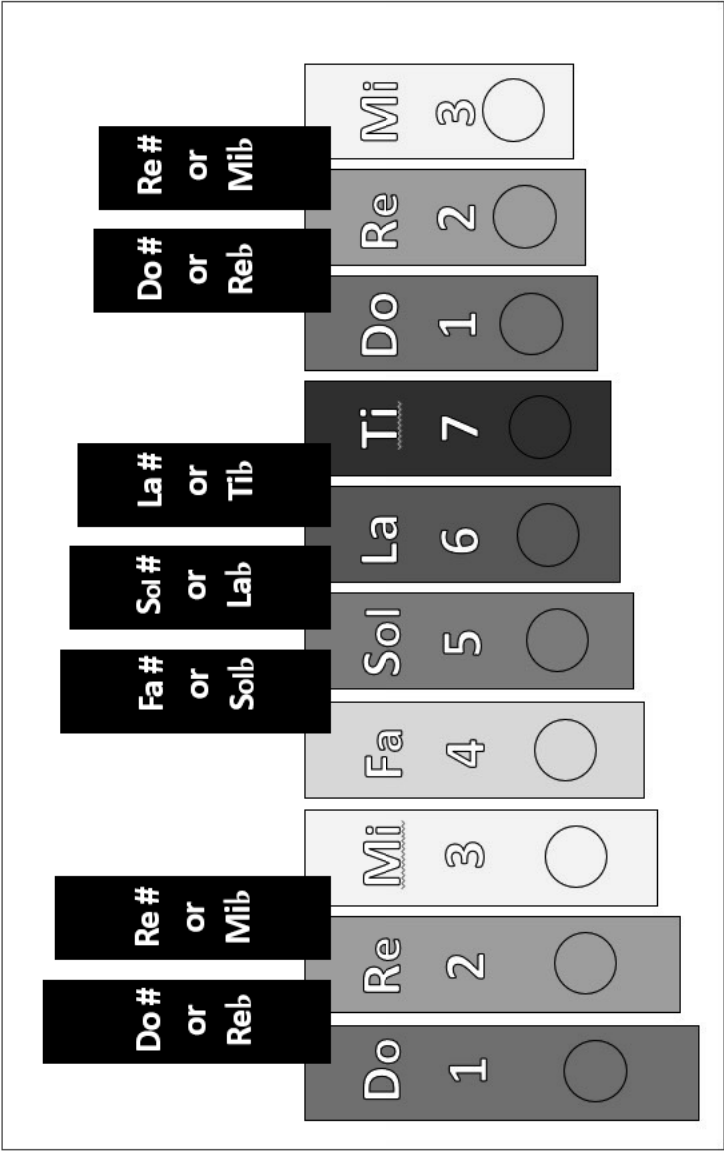
Ti 7

Do 8

Similar to the MusicCups, the ToneBars are to be performed by *sing-pointing* the ToneBar circles with index fingers only, then *sing-play* with mallets, paying particular attention to the half step relationship between scale steps 3-4 and 7-8. Like the MusicCups, bars are spatially arranged to reveal the scale degree intervals. Play 1-5 drone then *sing-play* wider range melodic patterns while playing drone.

Figure 5B

Stage 3: IMMILS Beginning 17-Note Chromatic Glock Silent Practice Chart



Sing-point Glock Chart (Glockenspiel) circles with index fingers only, then *sing-play* with mallets. Next, *sing-play* songs that require both diatonic and added chromatic tones.

Figure 5C

600 →

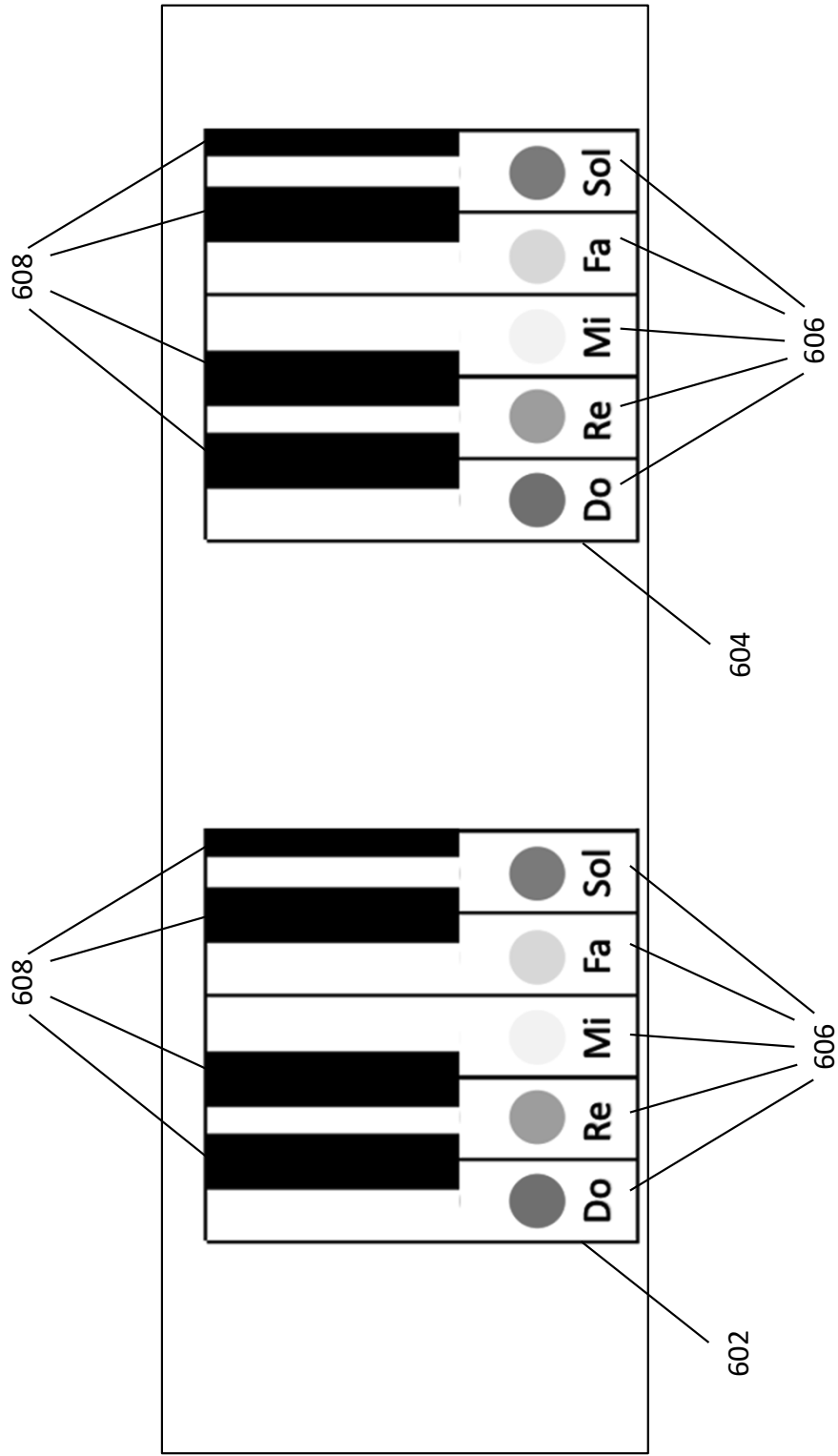
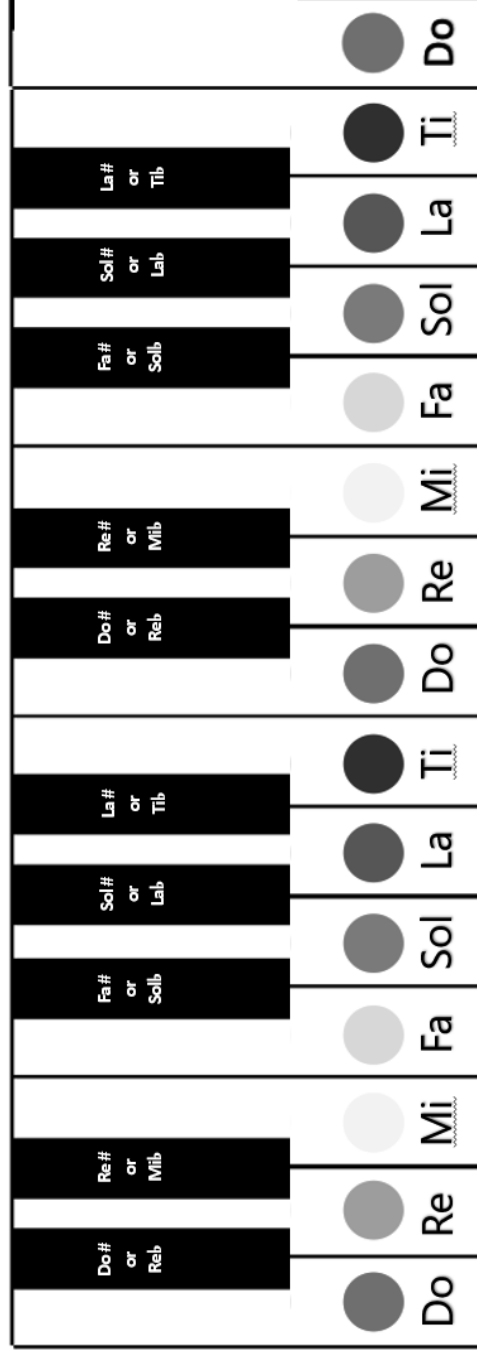


Figure 6A

Stage 3: IMMILS Beginning Chromatic Scale 2-Octave Keyboard Fingering Silent Practice Chart



This 2-octave practice keyboard chart allows for LH-RH coordination, change of key, and extended range melodies. When *say-fingering*, *sing-fingering* two-hand scale patterns, RH going up the scale 123,12345, then going down the scale as it is 54321,321; LH in similar motion is fingered as follows 54321,321 going up the scale, then going down the scale 123,12345. When 2 hands are in contrary motion, both hands will use identical finger patterns. (The chromatic scale uses RH finger pattern 1313123 etc., LH finger pattern 131321 etc.) Finally, scale finger patterns are altered according to the change of key and the range of the melody.

Figure 6C

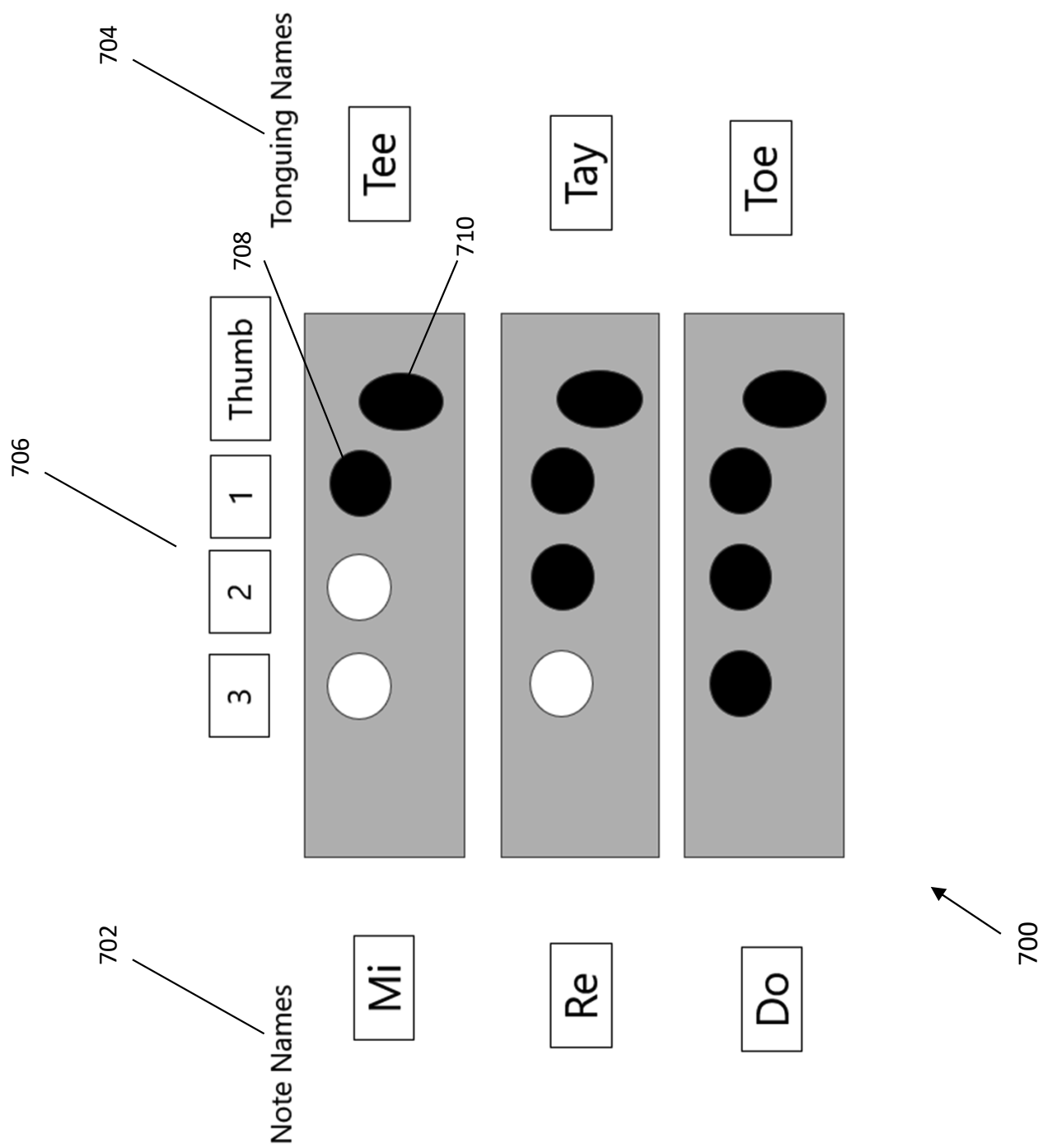
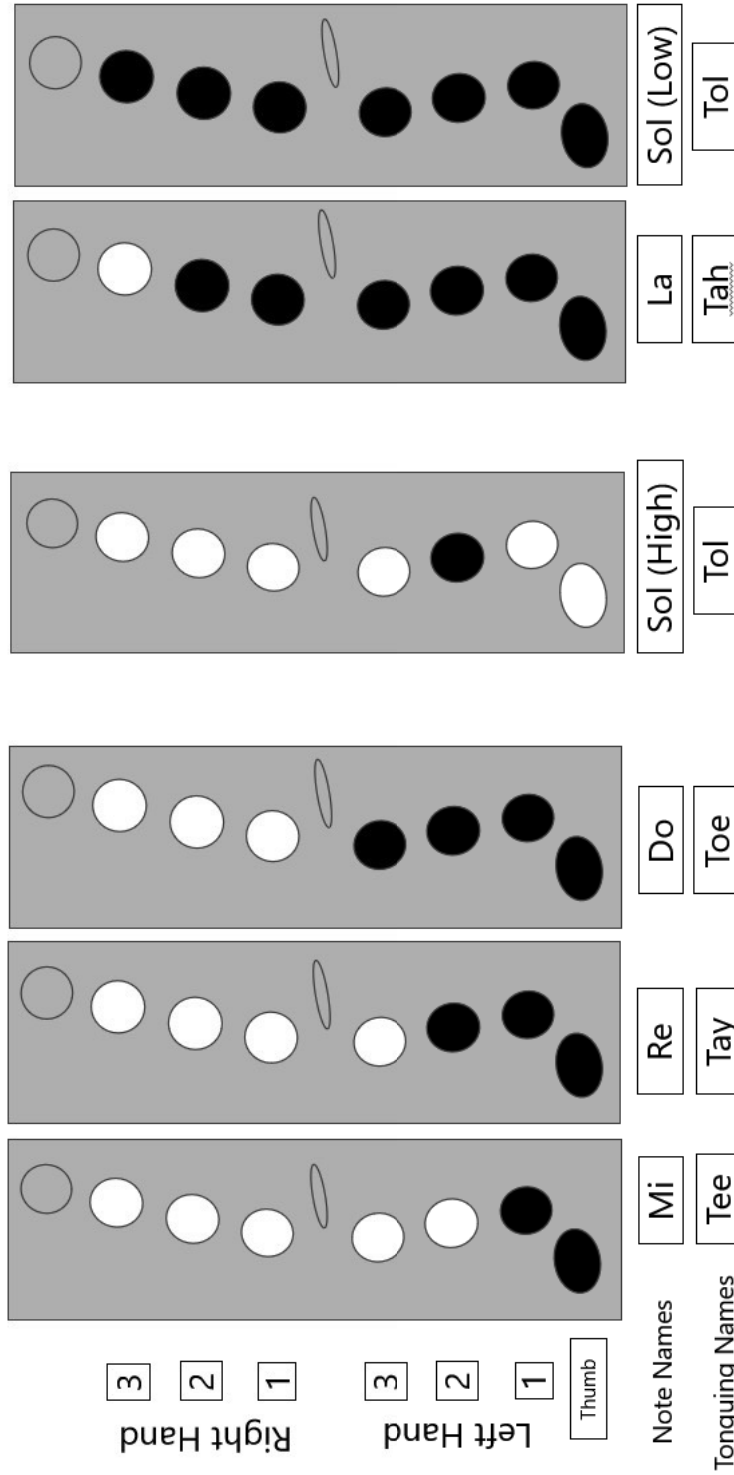


Figure 7A

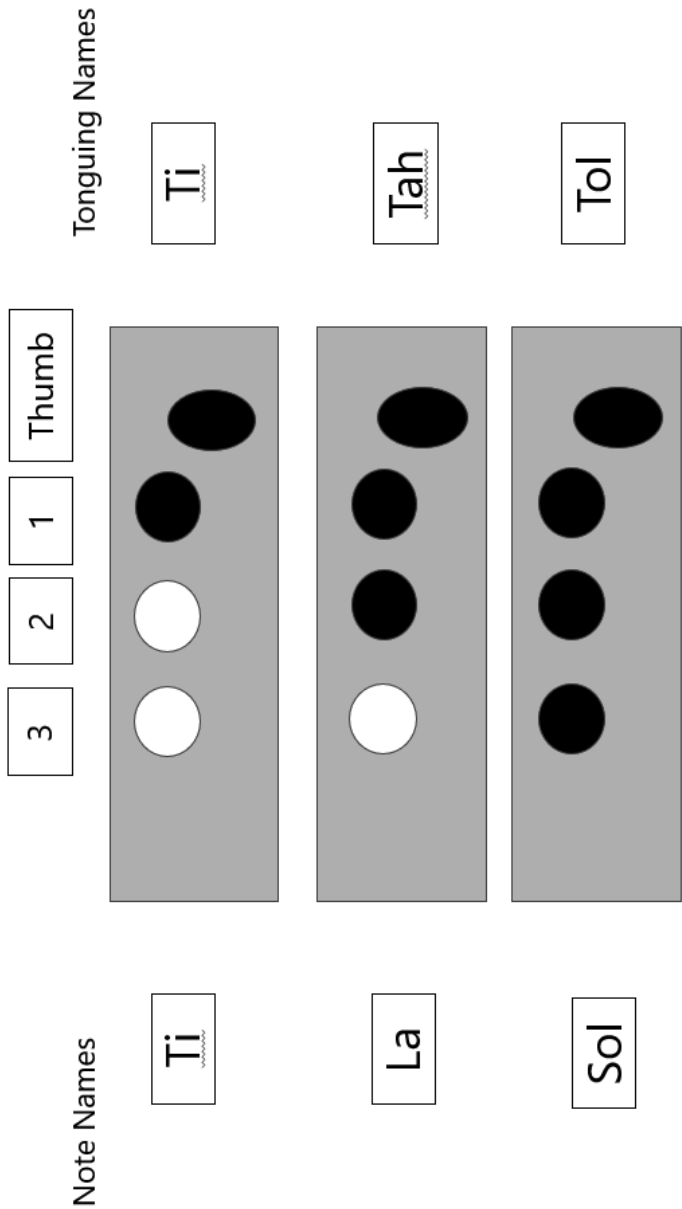
Stage 2A: IMMILS Beginning Sopranino Recorder (Small) 6-Note Two-hand Vertical Fingering Silent Practice Chart



Black indicates covered holes, white indicates open holes.
Say-finger, sing-finger "Tee, Tay, Toe" tonguing names for articulating the respective note names "Mi, Re" Do".
The tongue is used to initiate every note, practicing with repeated notes at relatively high speed to ensure the jaw not moving while tonguing each syllable. (Cheeks are not puffed, notes are not huffed)
Notice that as more holes are covered the pitches sound lower.

Figure 7B

Stage 1A: IMMILS Beginning Soprano Recorder (Large)
3-Note Left-hand Horizontal Fingering Silent Practice Chart



Black indicates covered holes, white indicates open holes.
Say-finger, sing-finger "Ti, Tah, Tol" tonguing names for articulating the respective note names "Ti, La, Sol".
The tongue is used to initiate every note, practicing with repeated notes at relatively high speed to ensure the jaw not moving while tonguing each syllable. (Cheeks are not puffed, notes are not huffed)
Notice that as more holes are covered the pitches sound lower.



Stage 2B: IMMILS Beginning Soprano Recorder (Large) 6-Note Two-hand Vertical Fingering Silent Practice Chart

3

2

1

Right Hand

3

2

1

Left Hand

Thumb

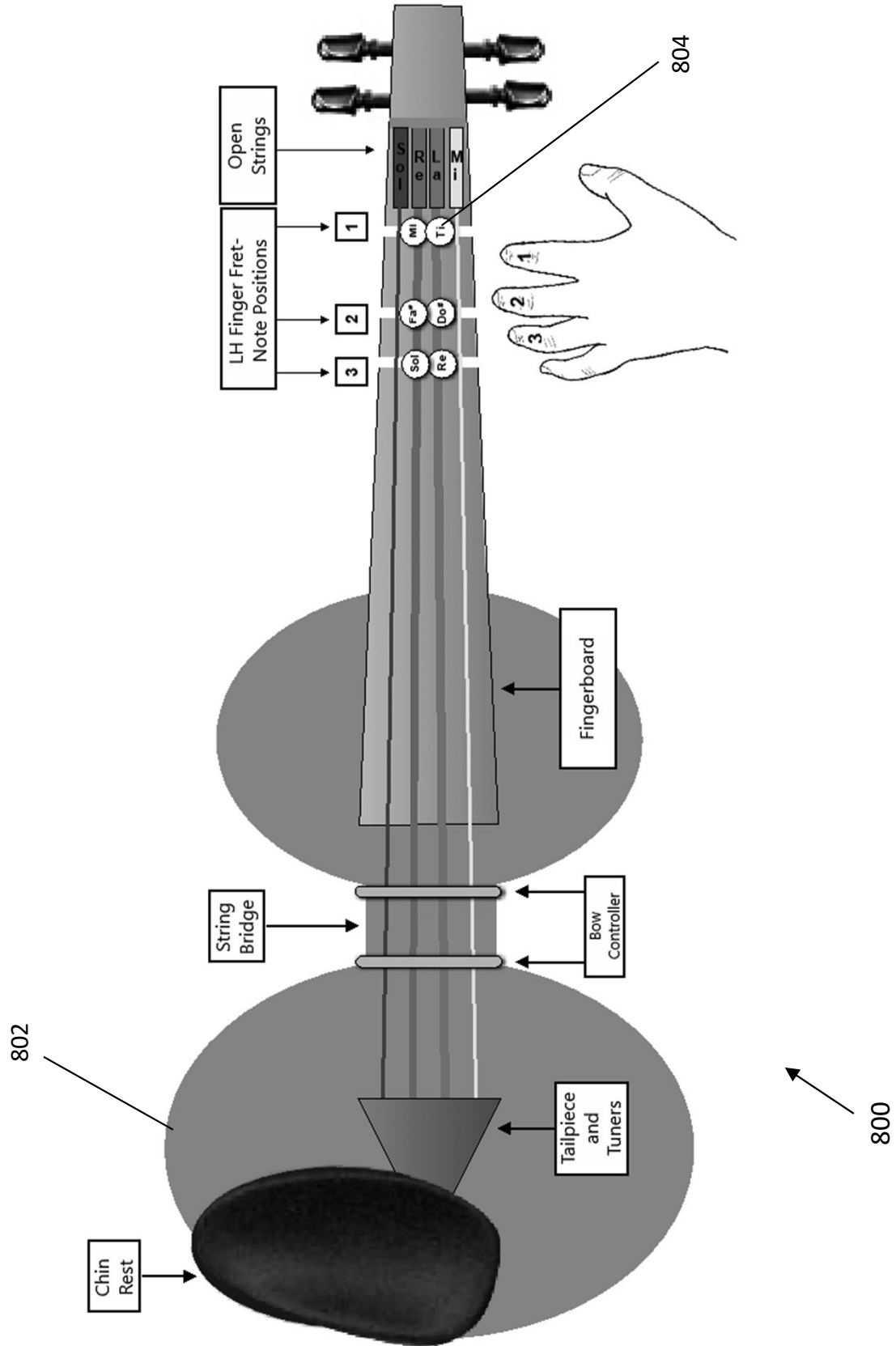
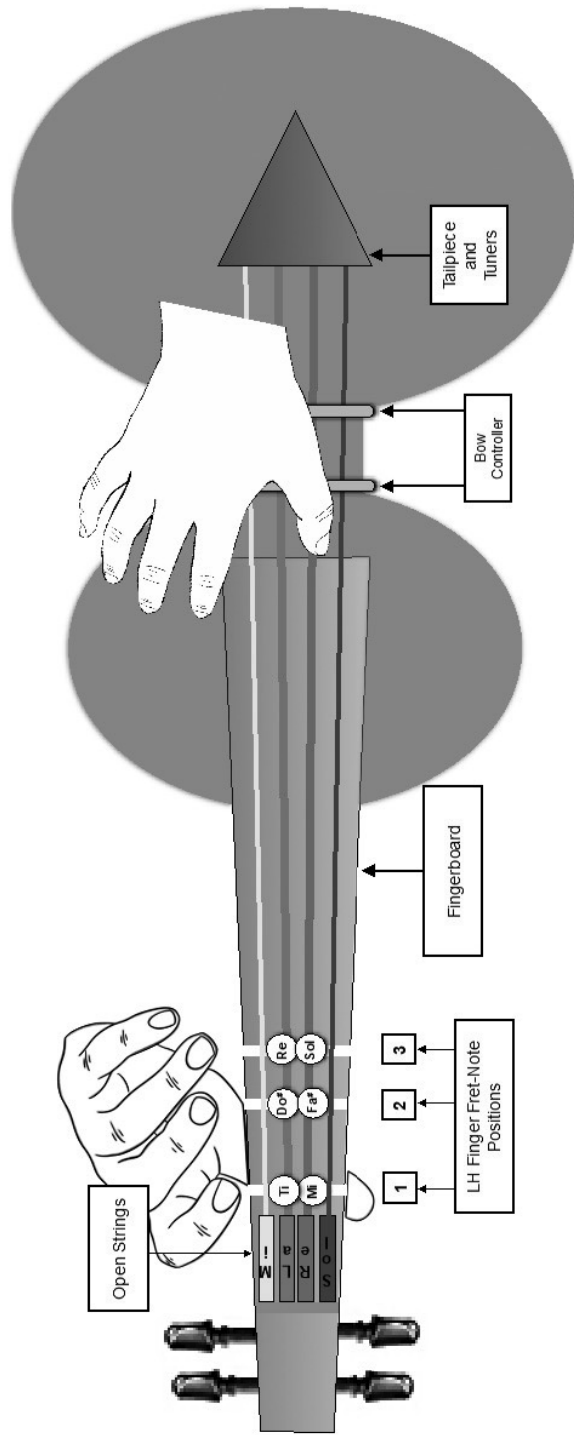


Figure 8A

Stage 2: IMMILS Beginning Violin “Guitar Position” Silent Practice Chart



While viewing the Transitional Violin Silent Practice Chart, *say-finger, sing-finger* the Transitional Practice Violin held in “guitar position” using LH fingers to practice scale steps on the fingerboard in the following way: Open Re, Mi (1), Fa# (2), Sol (3); then Open La, Ti (1), Do# (2), Re (3). Make sure champs are touching the note divots on the Practice Violin strings with the proper fingers. Next, teacher asks champs to perform scalar and leaping patterns. Finally, teacher asks champs to perform finger patterns for beginning songs (Hot Cross Buns), proceeding to Twinkle, Twinkle, Little Star. Finally, in order to prepare champs to coordinate plucking with fingering, RH thumb is used to “thumb-pluck” the notes in coordination with LH fingers.

Figure 8B

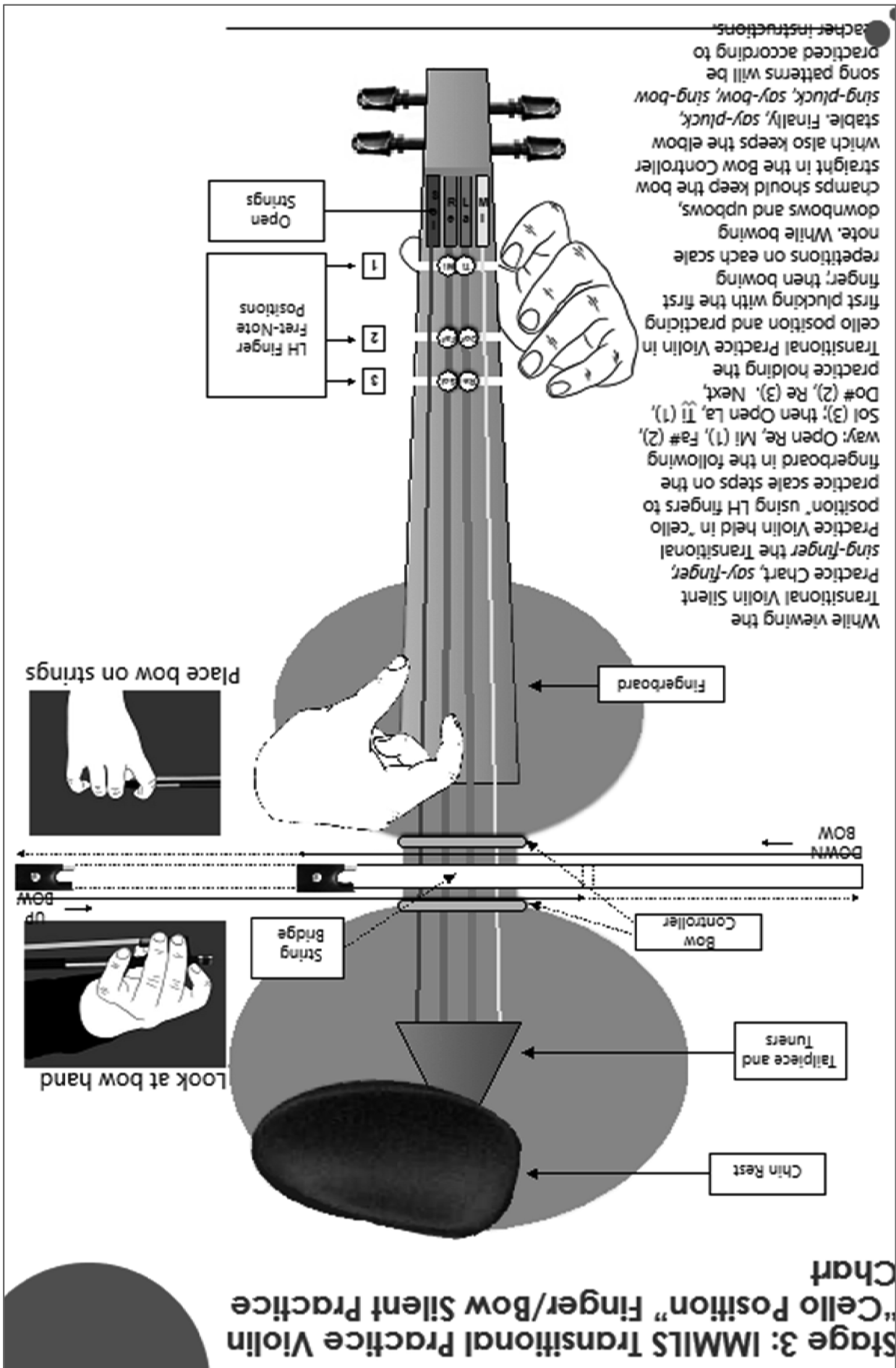


Figure 8C

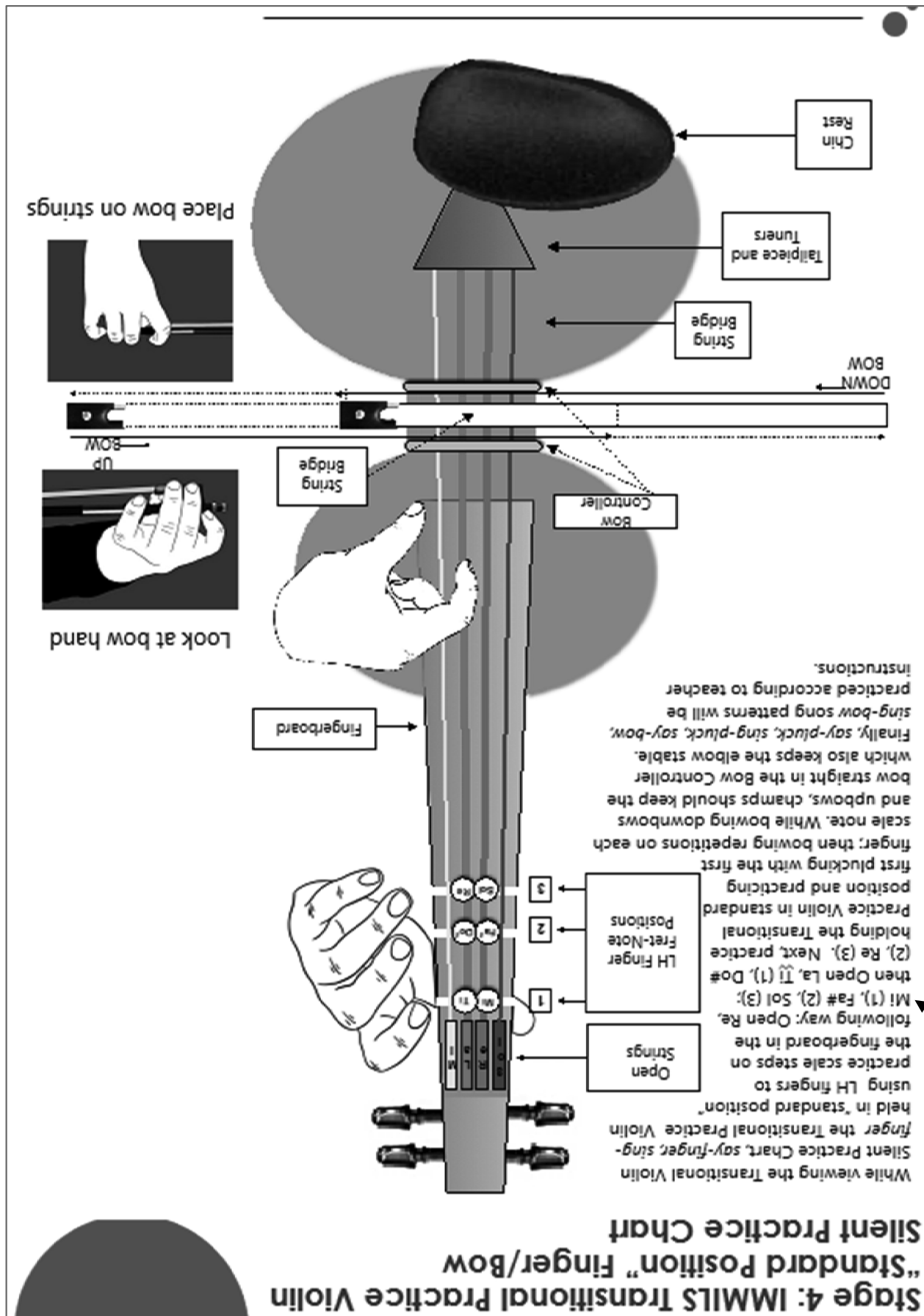
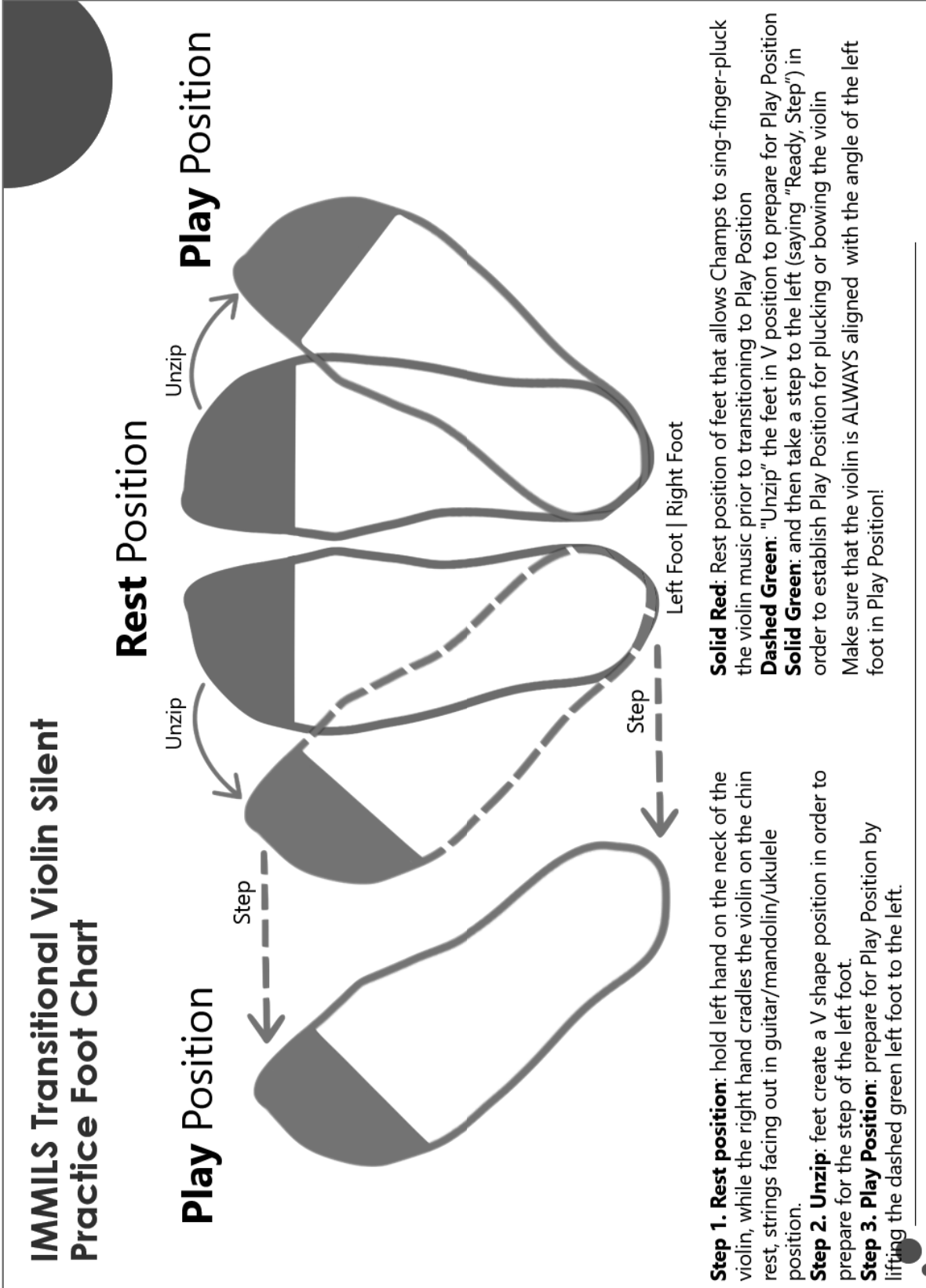


Figure 8D



812

Figure 8E

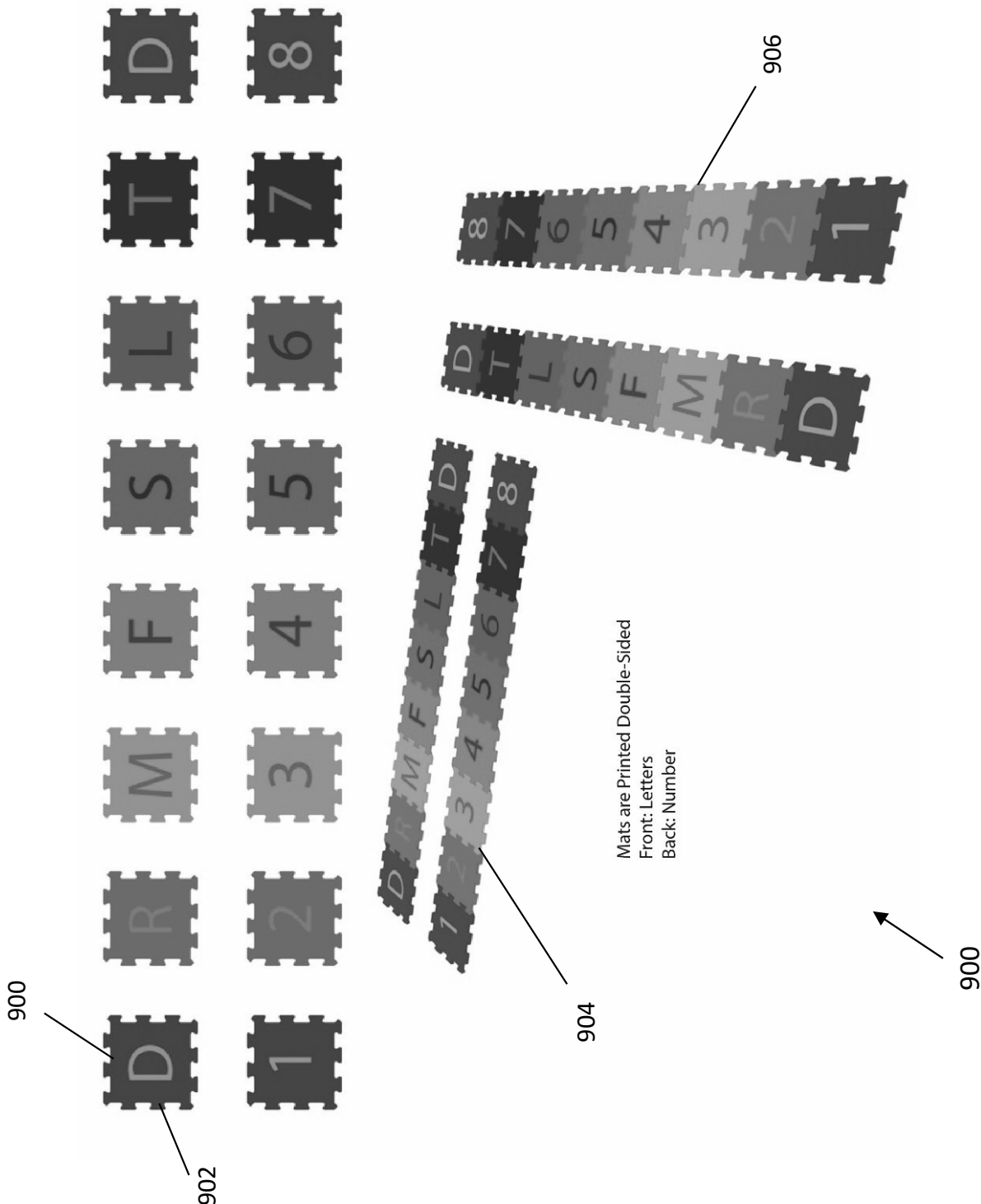


Figure 9A

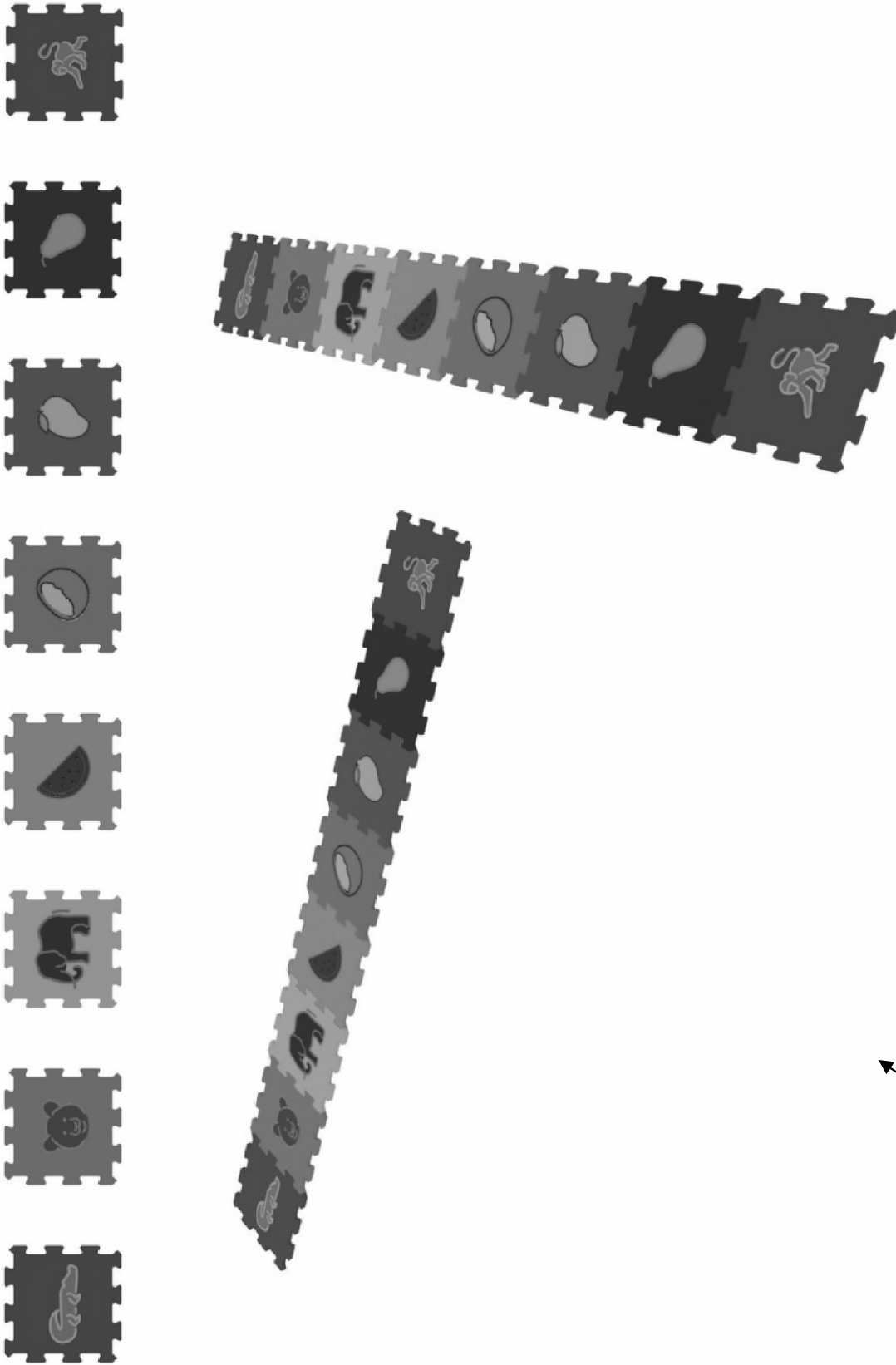


Figure 9B

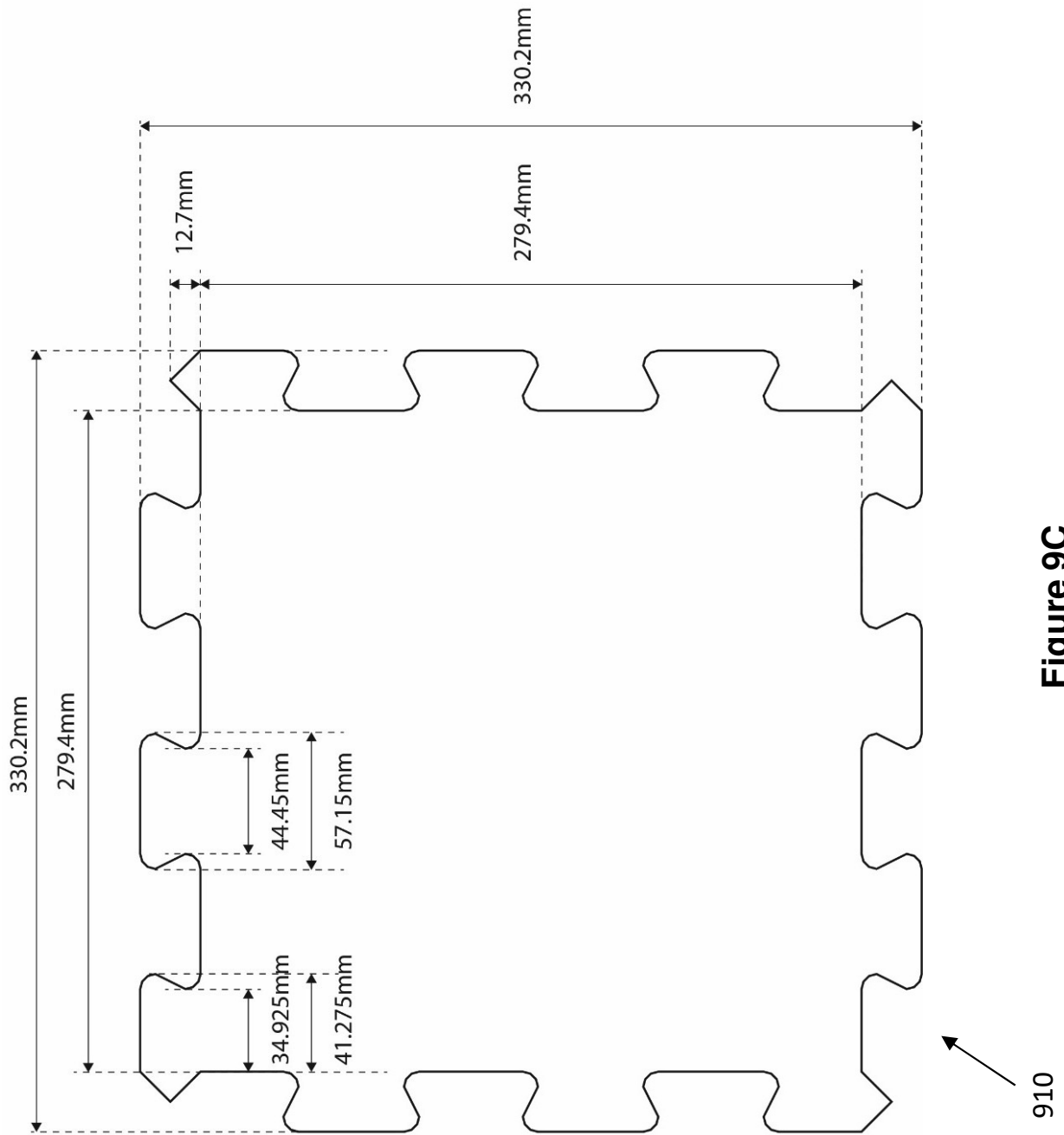


Figure 9C

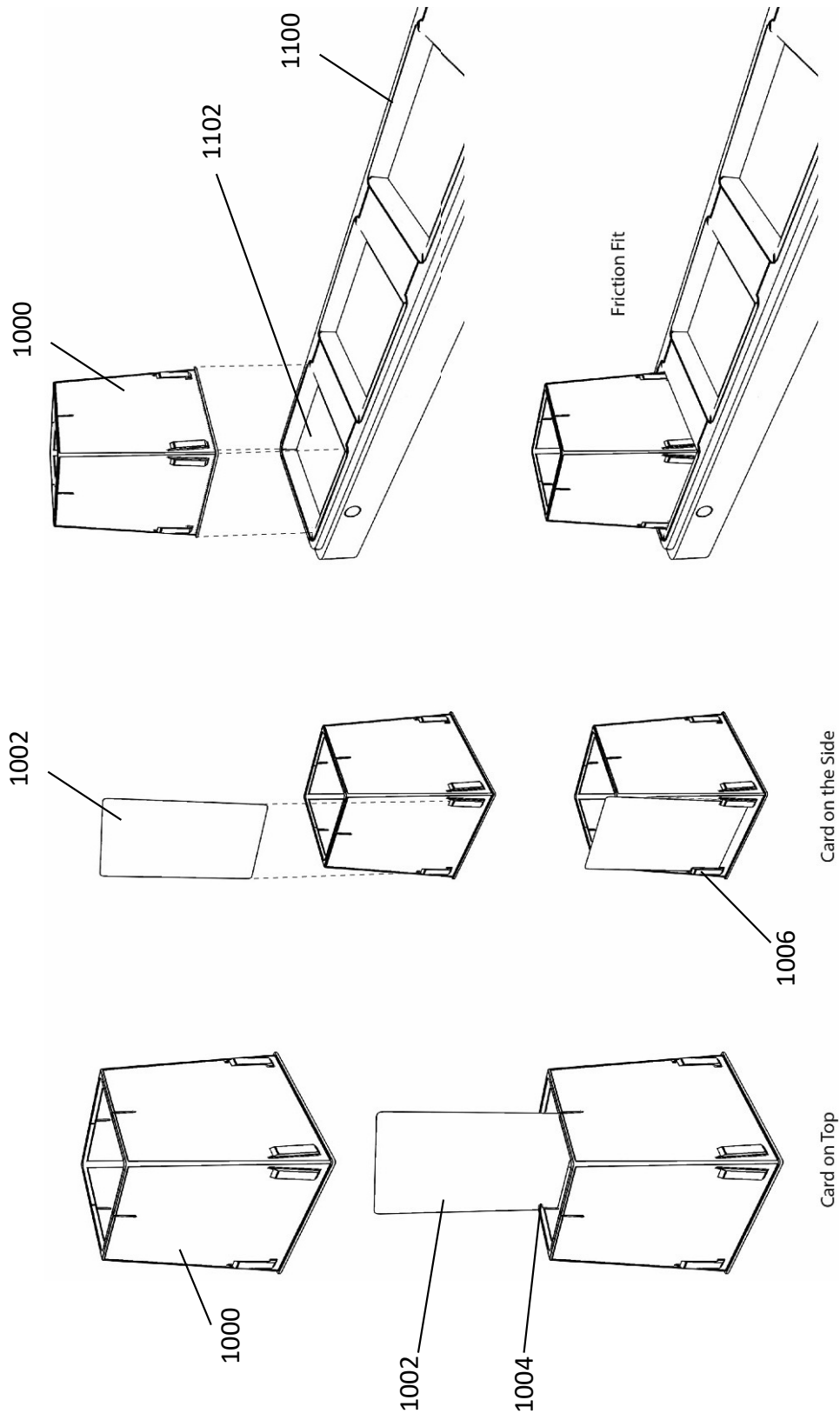


Figure 10A

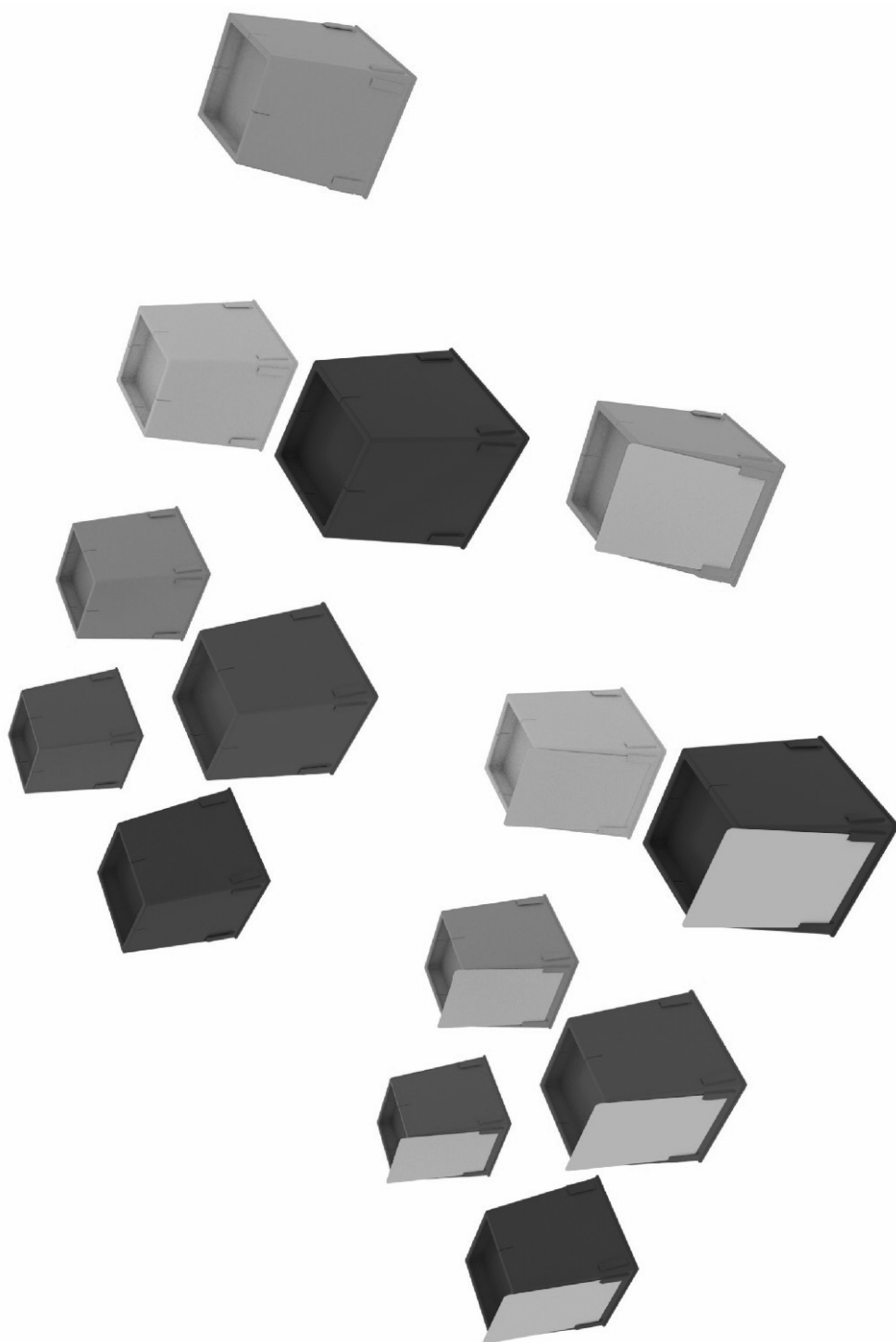


Figure 10B

1008

BIG CUP

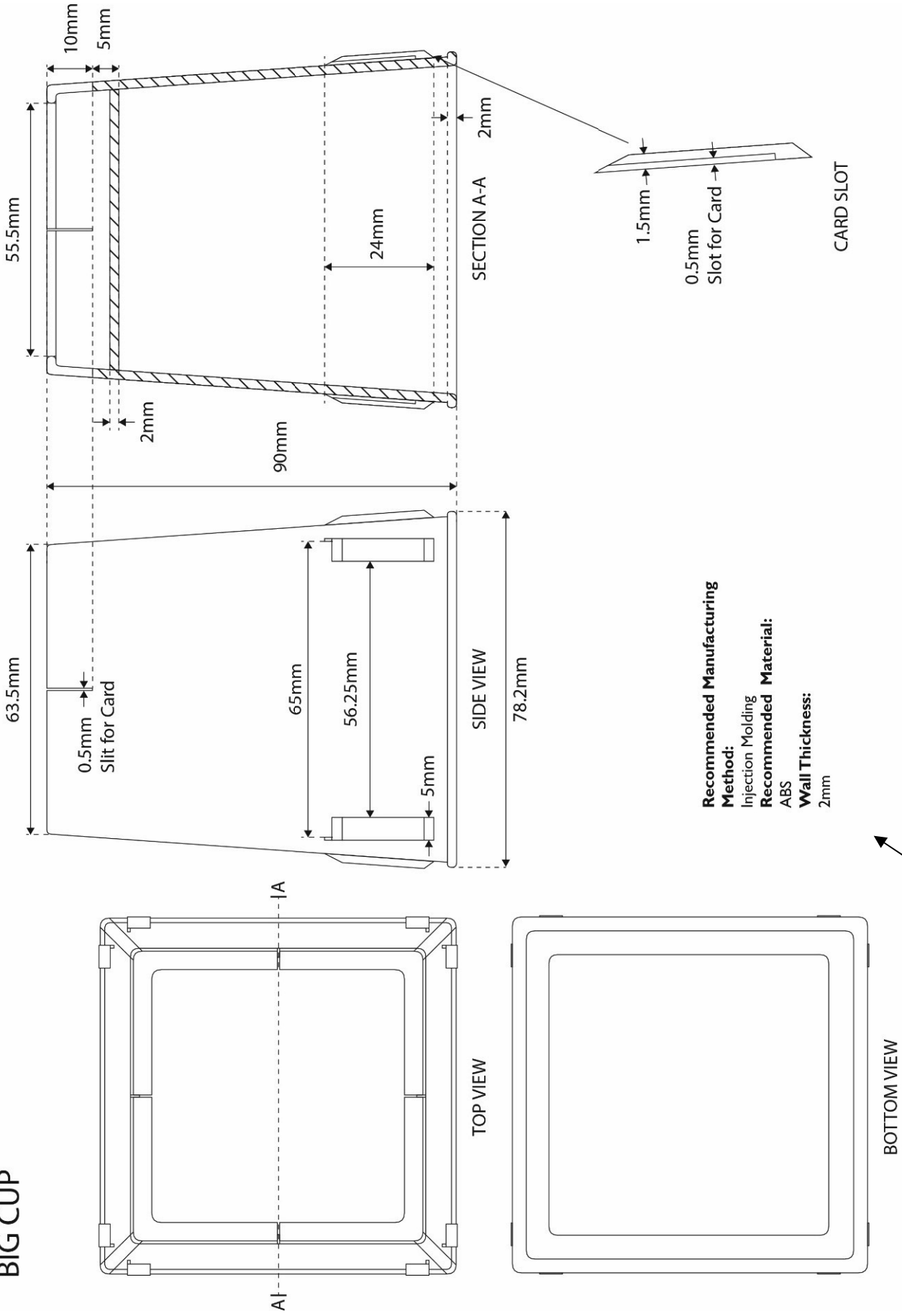


Figure 10C

SMALL CUP

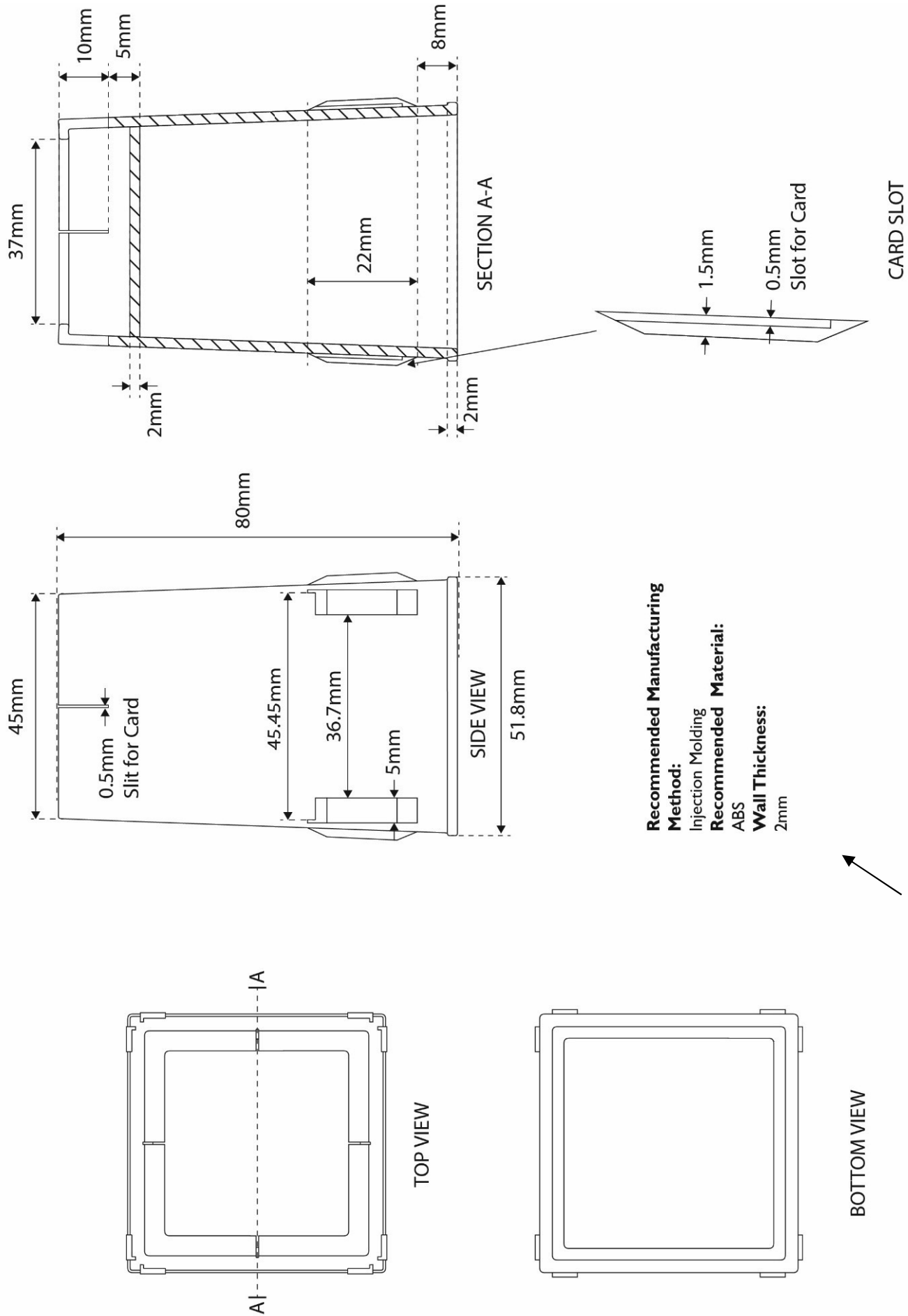


Figure 10D

1012

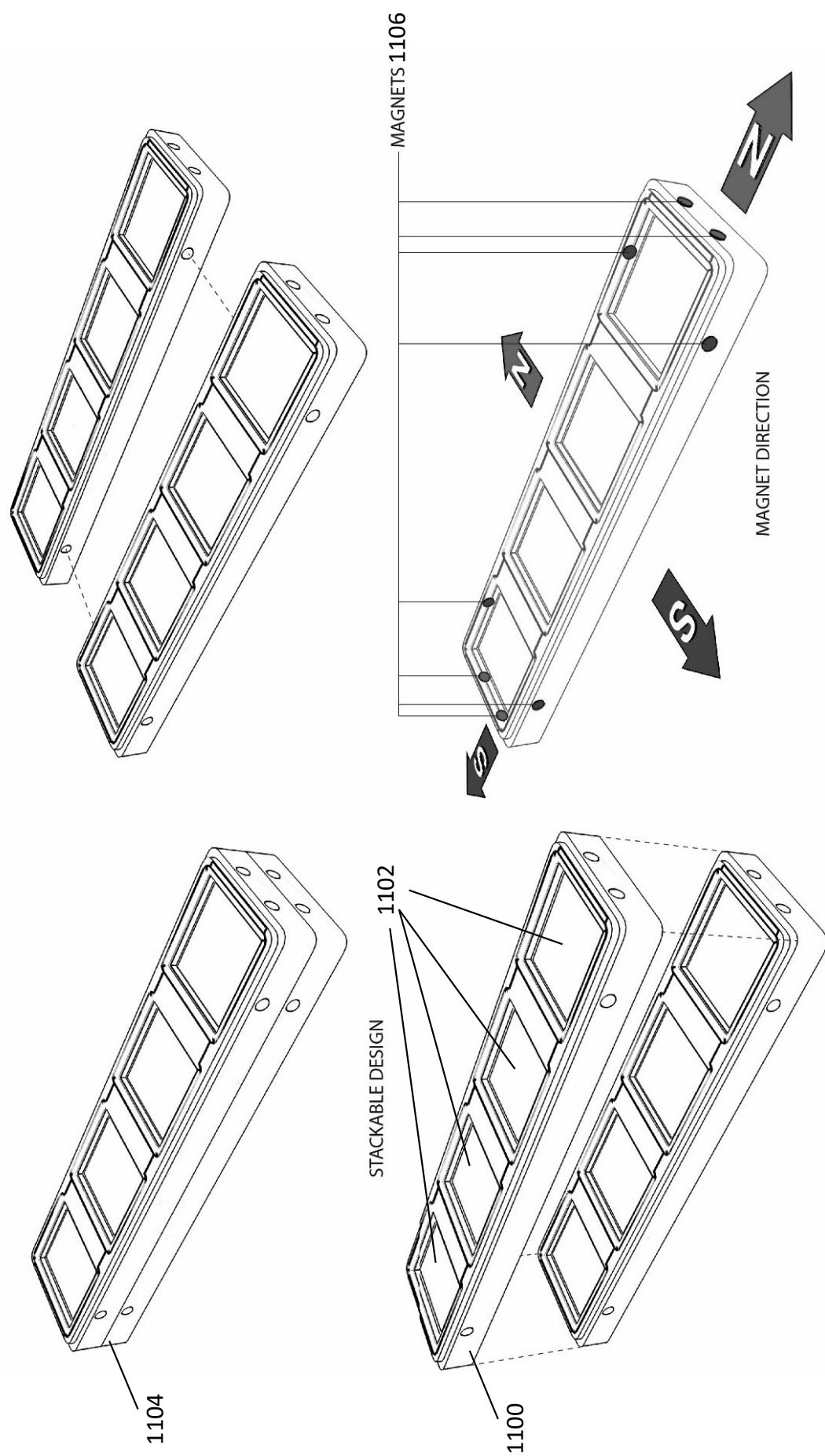


Figure 11A

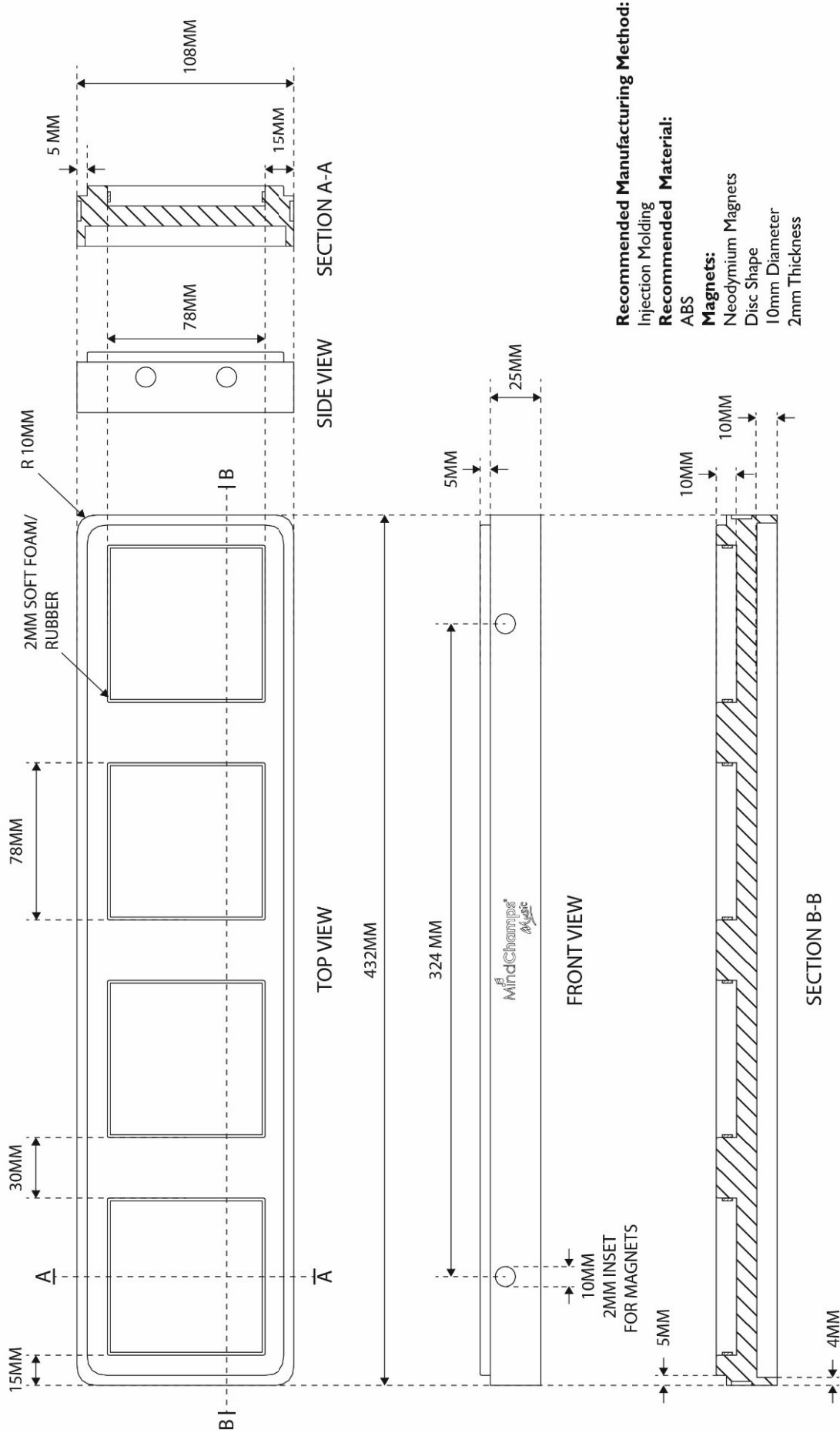


Figure 11B



1110

Figure 11C

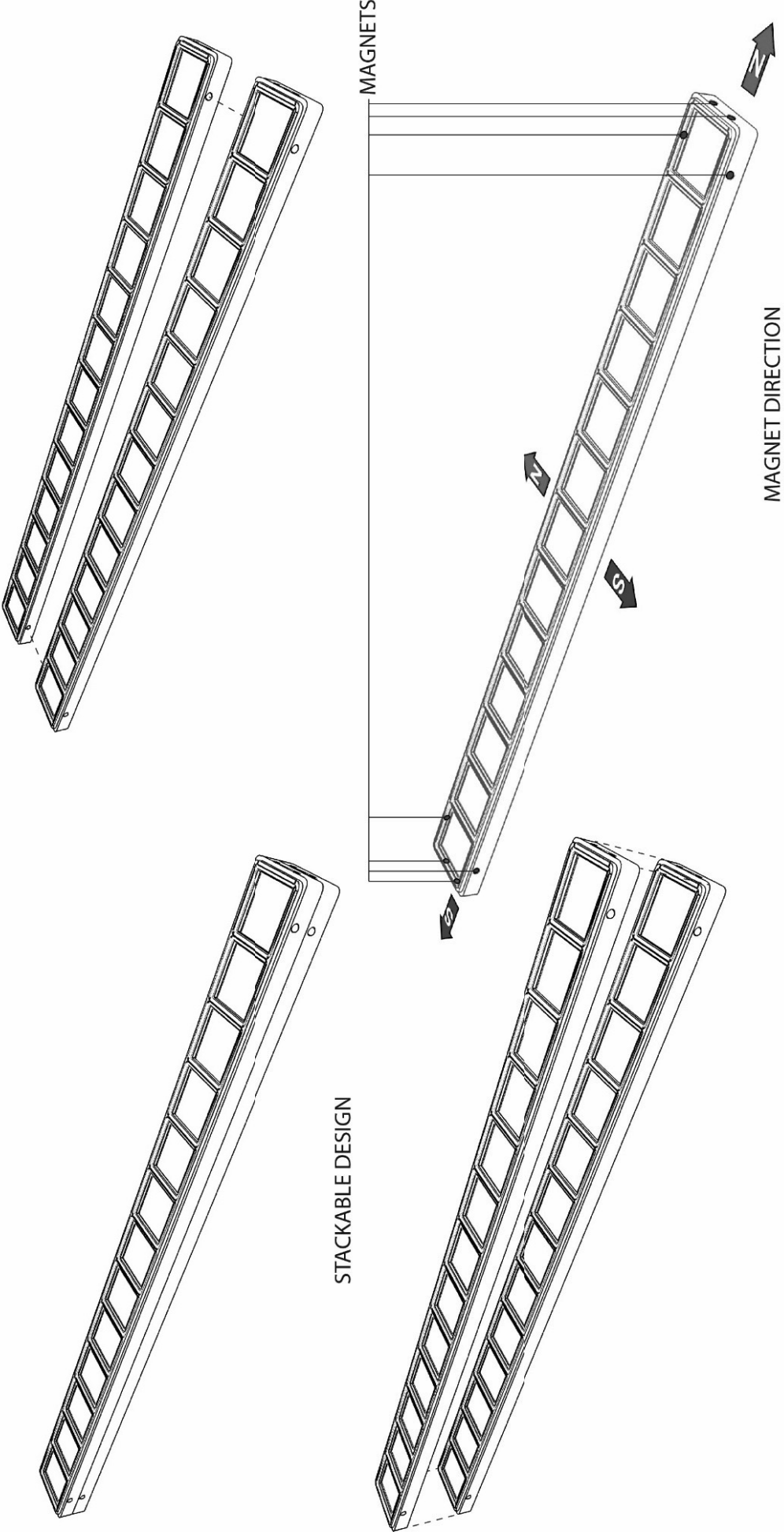


Figure 11D

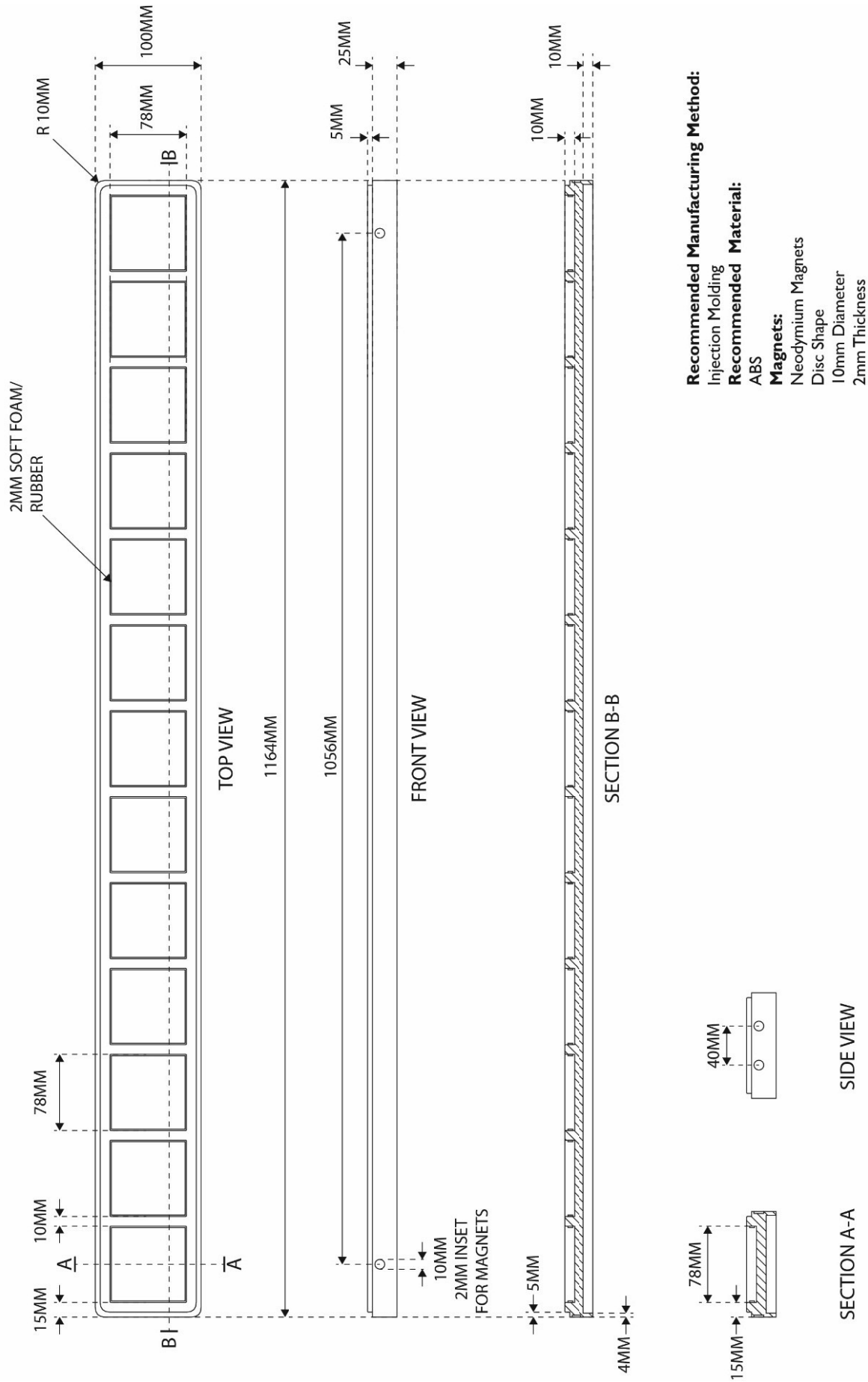


Figure 11E

1114



Figure 11F

1116

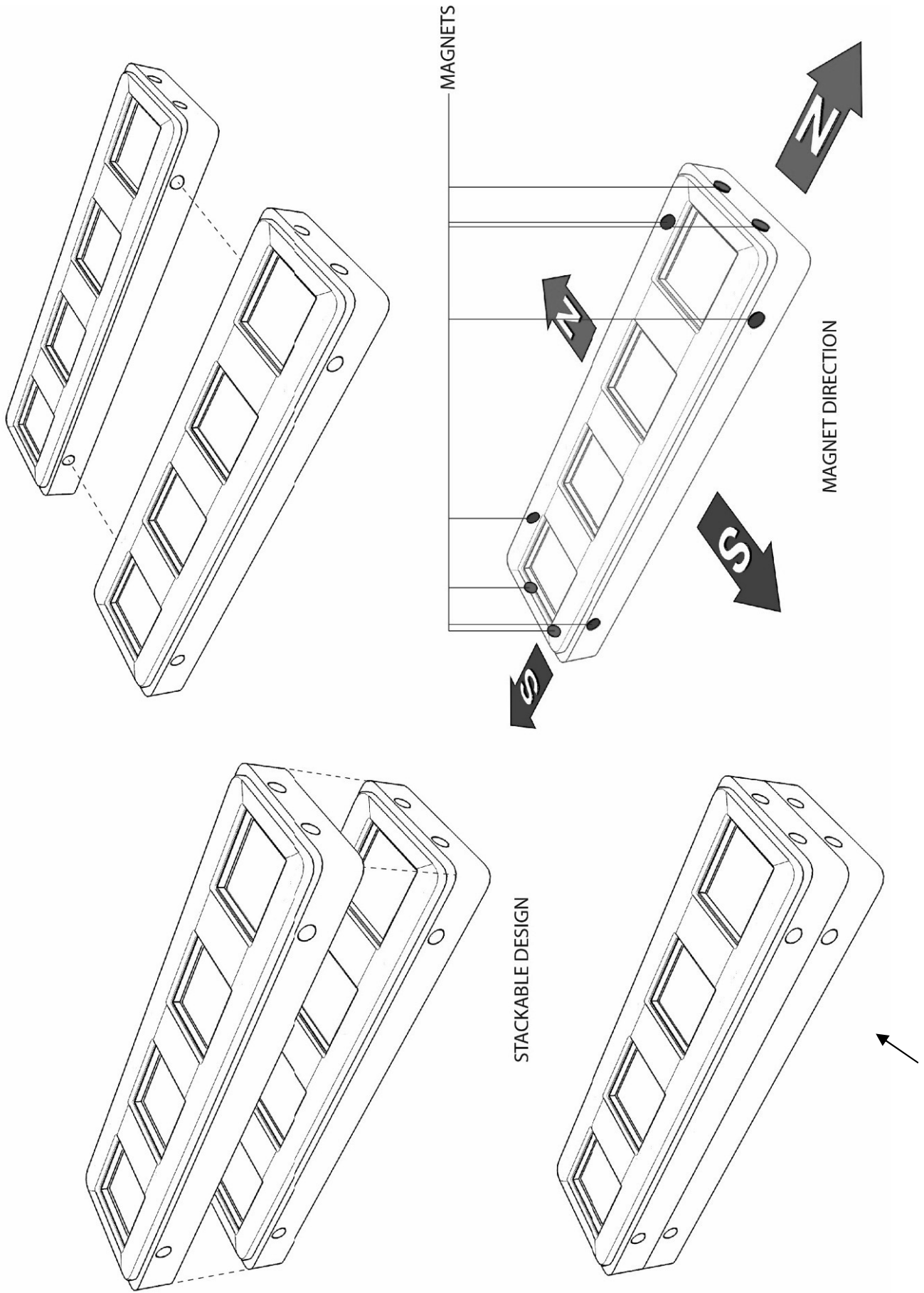


Figure 11G

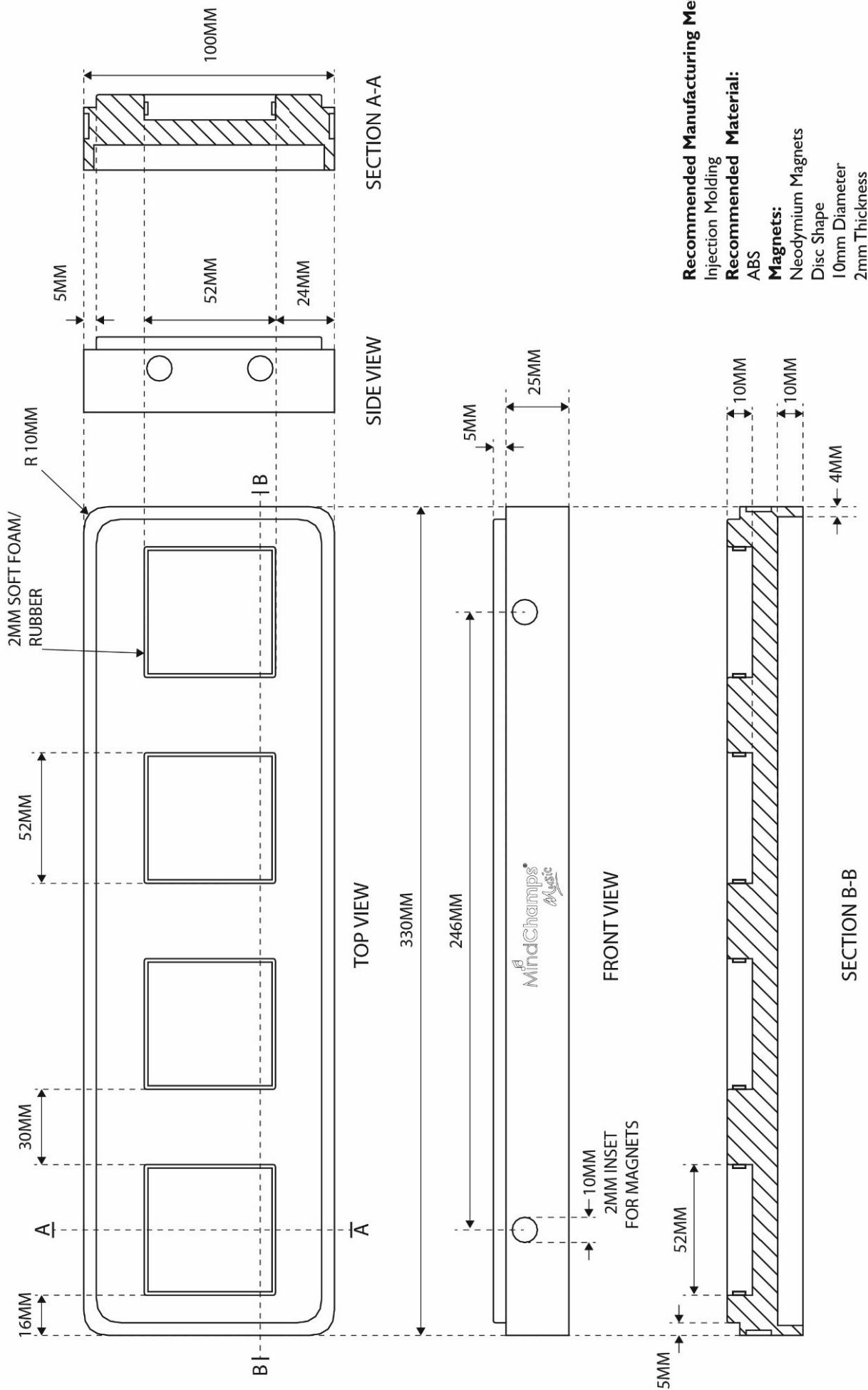


Figure 11H

1120



Figure 11I

1122

MAGNETS TO ATTACH TO EACH OTHER

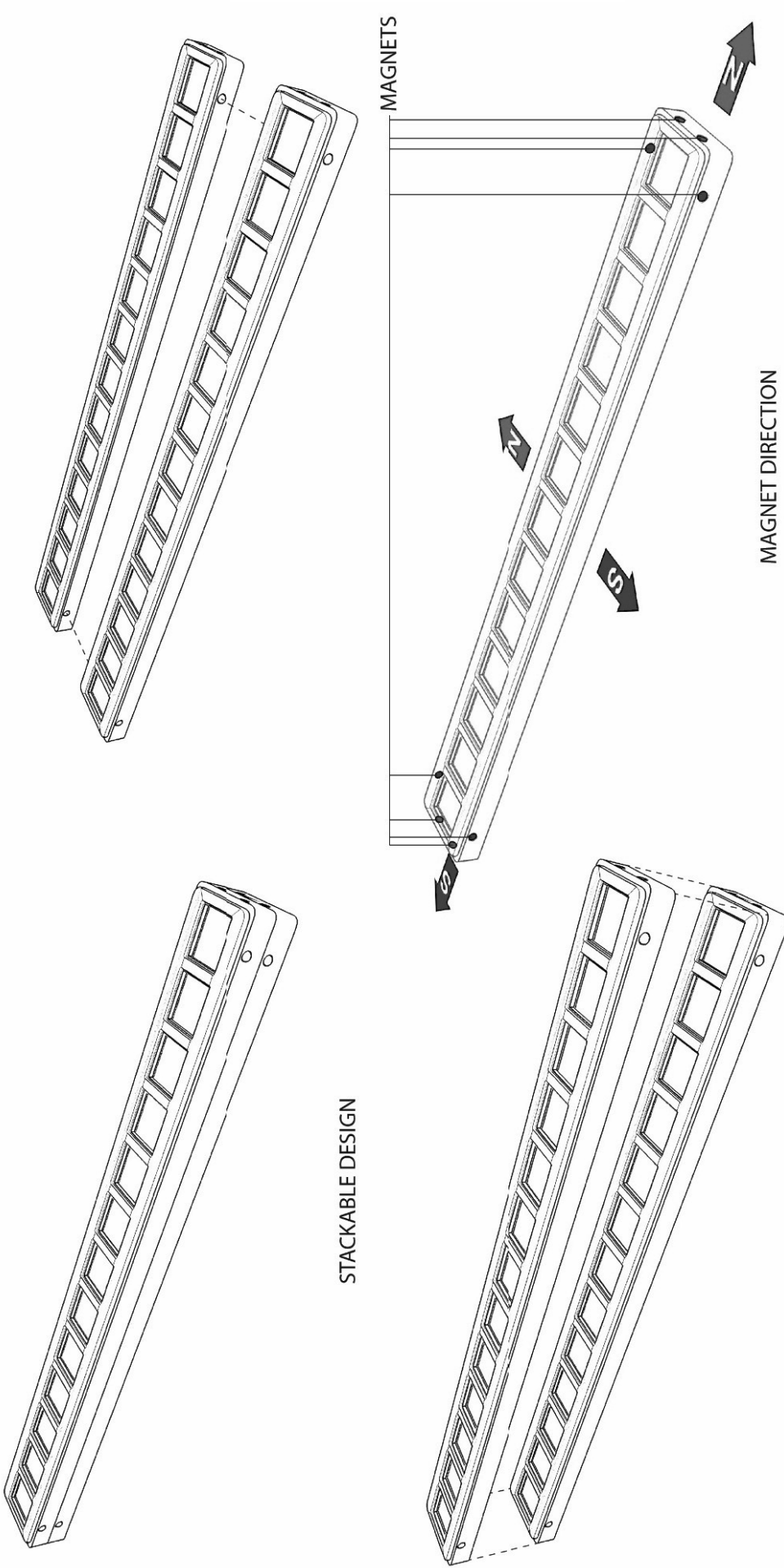


Figure 11J

1124

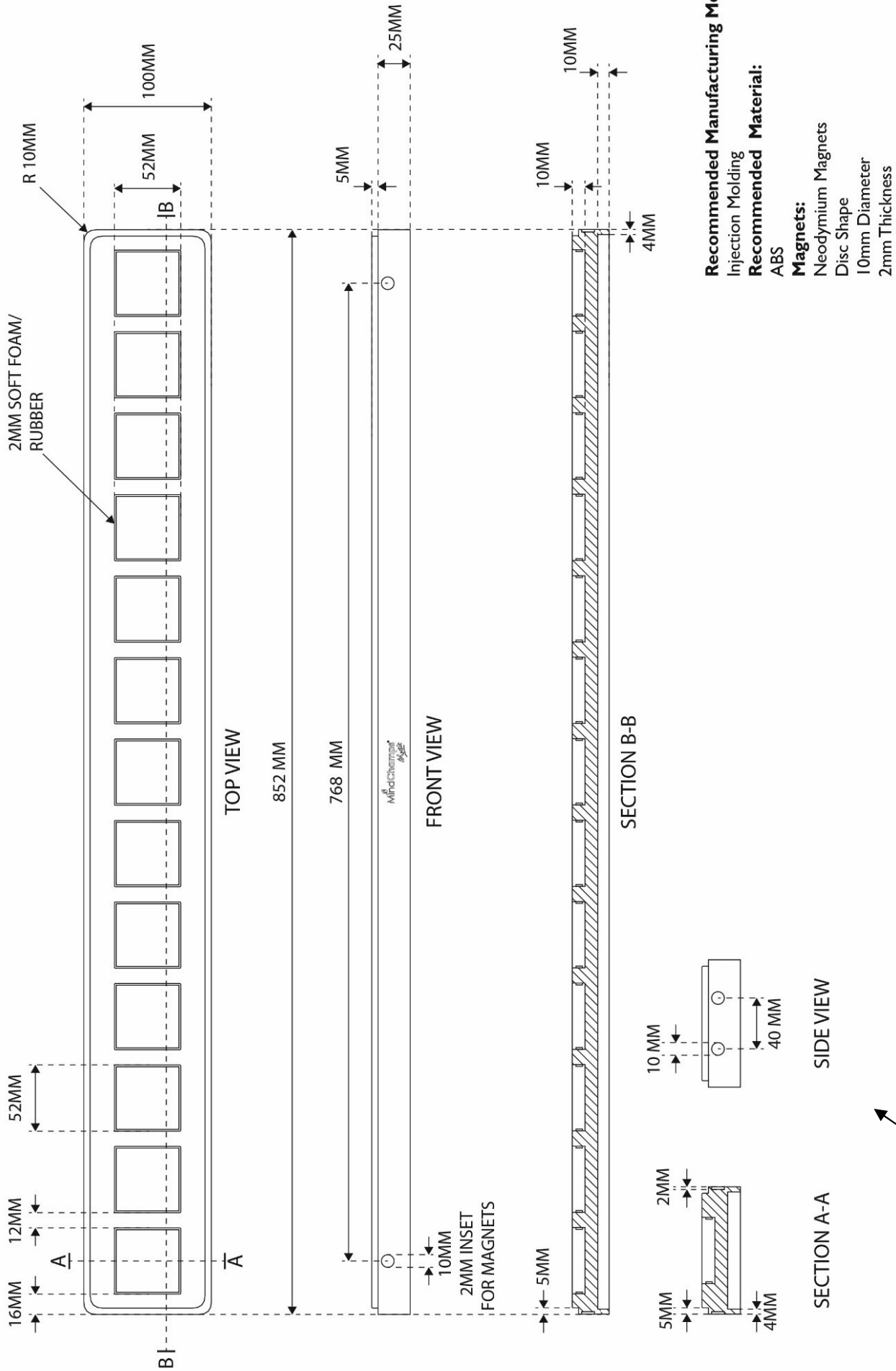


Figure 11K

1126



1128

Figure 11L

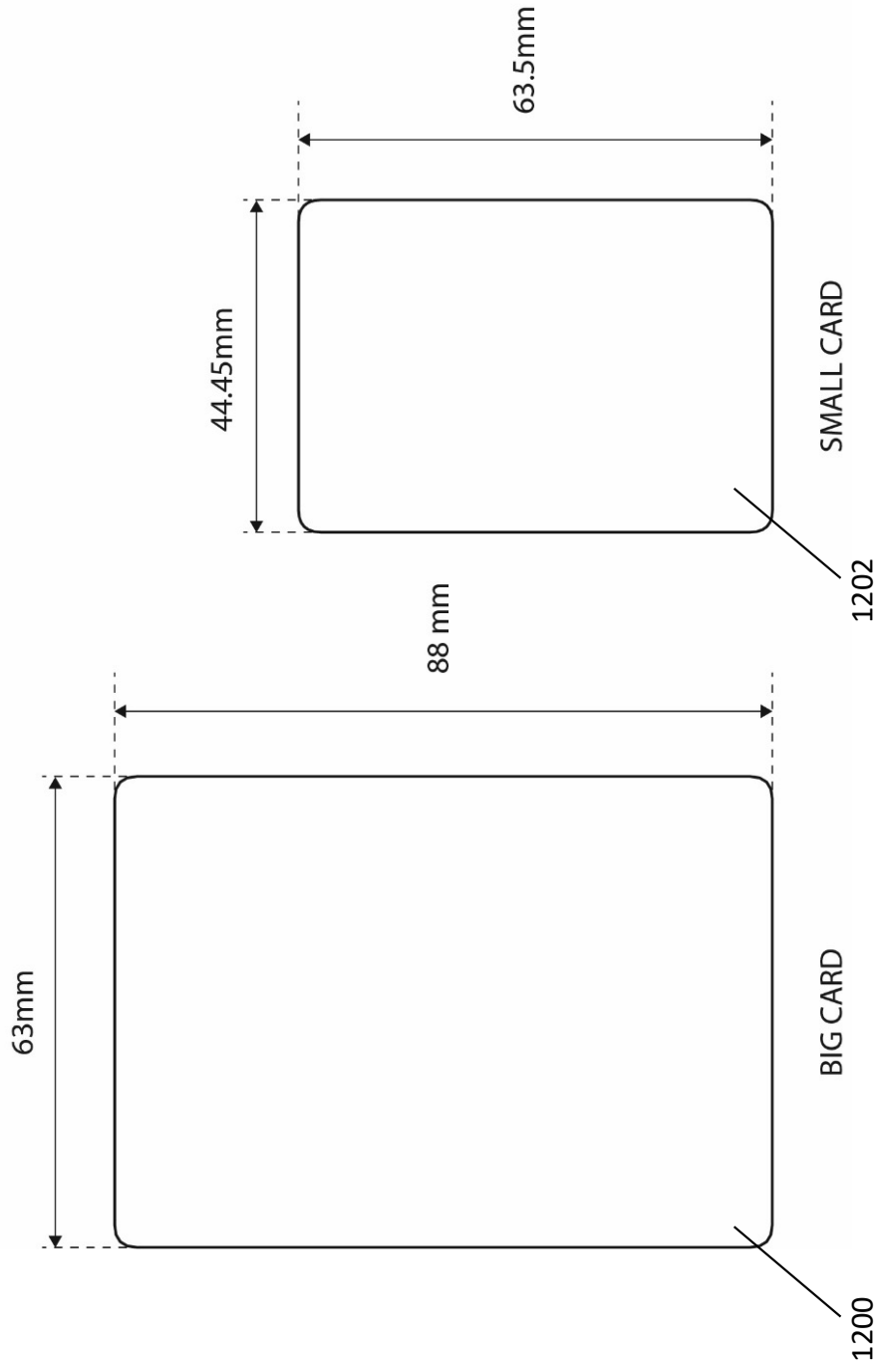


Figure 12A

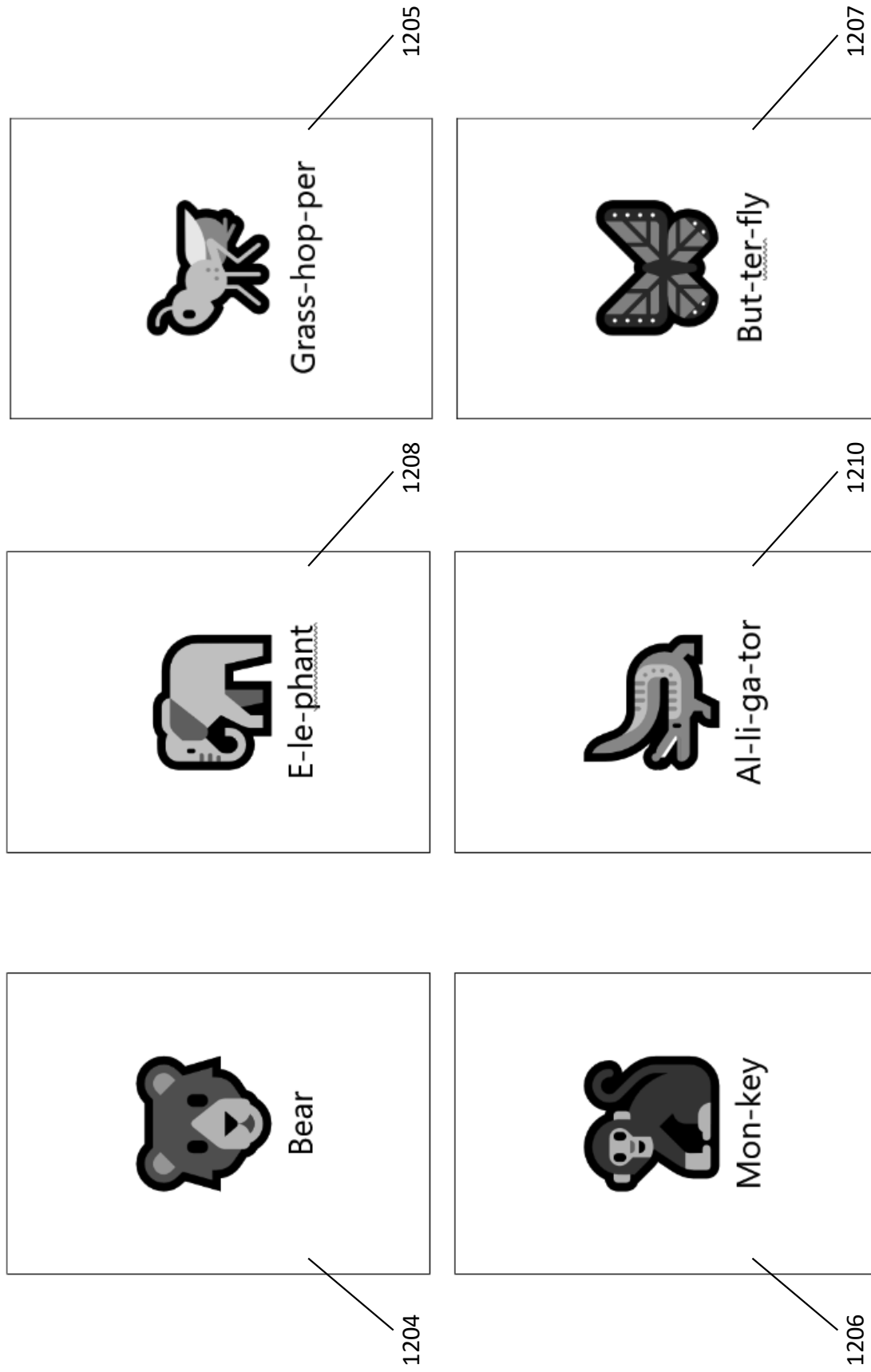


Figure 12B

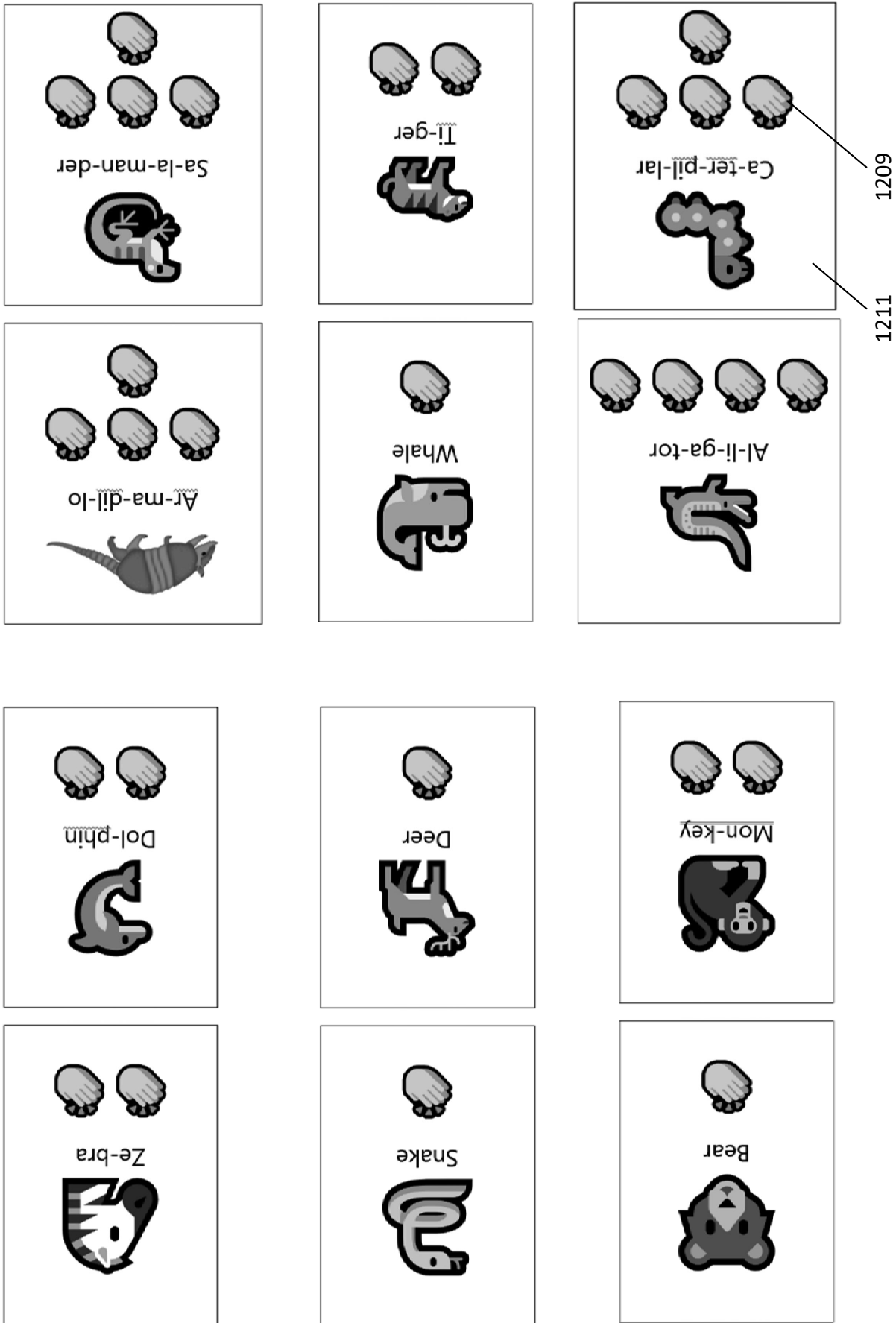


Figure 12C

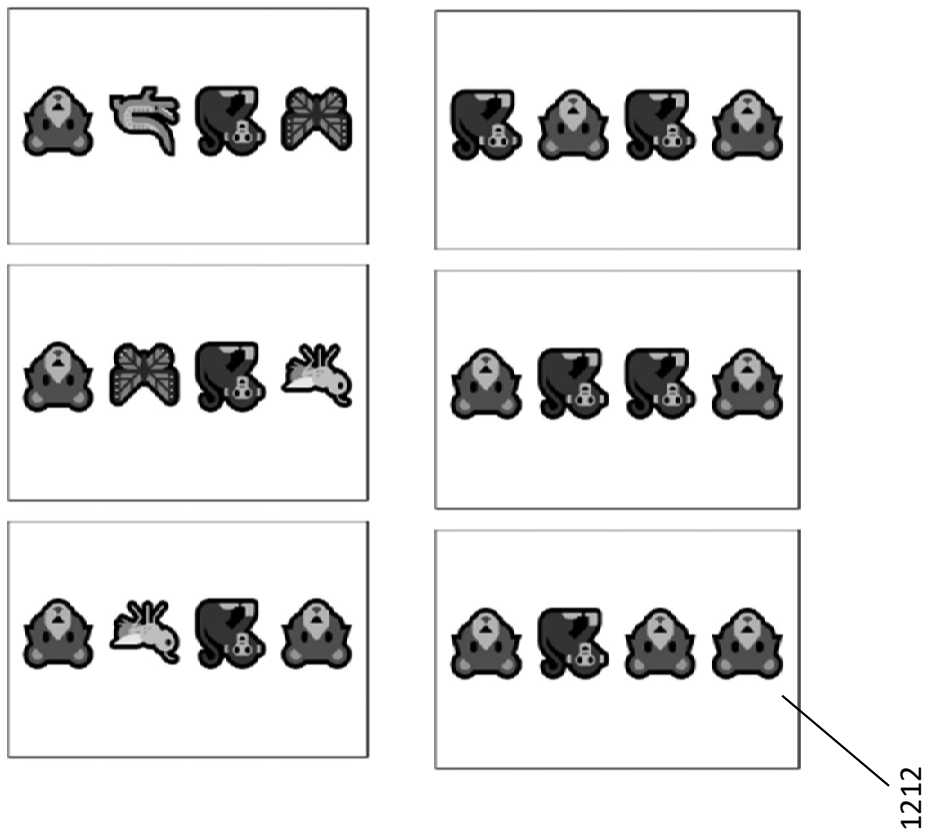
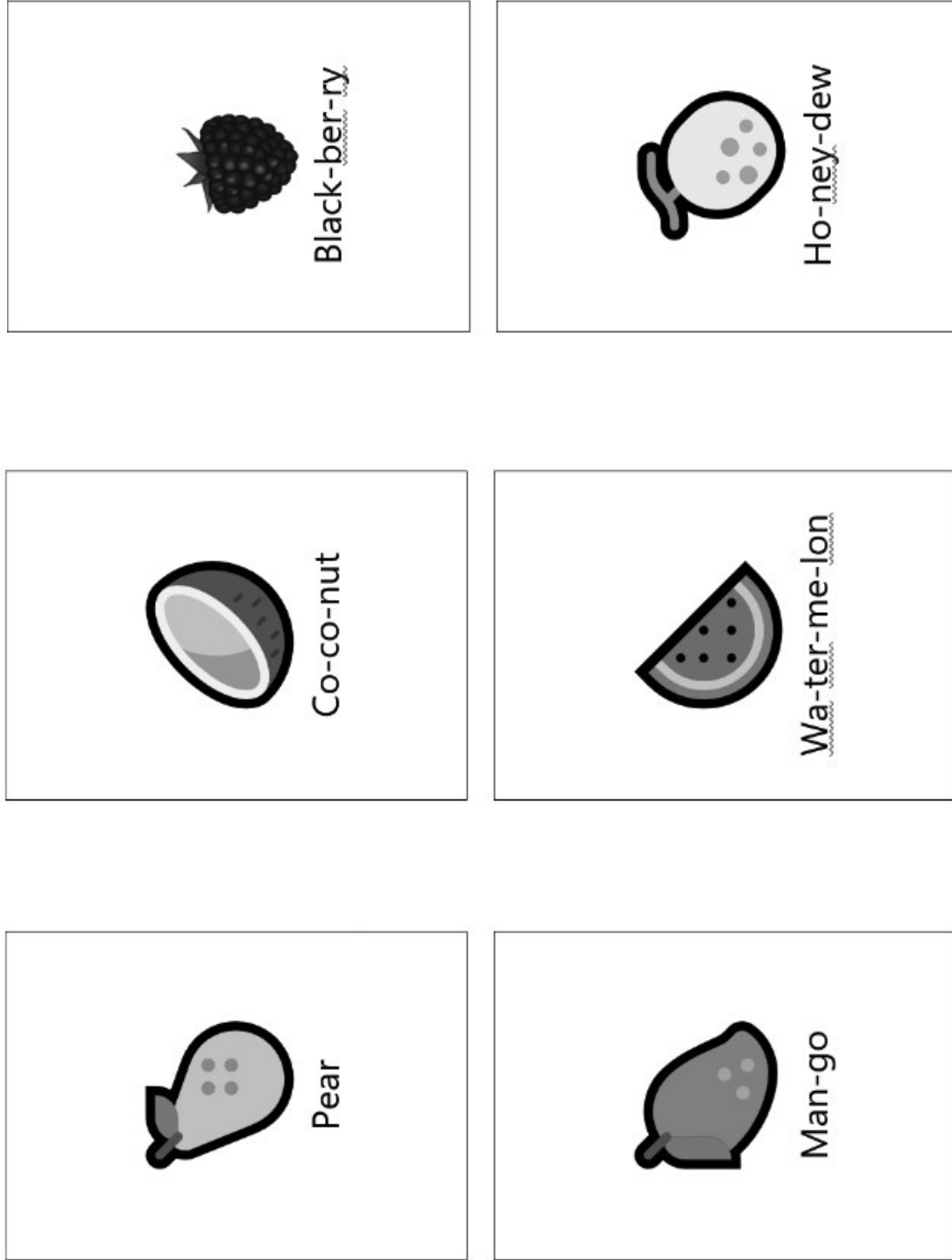


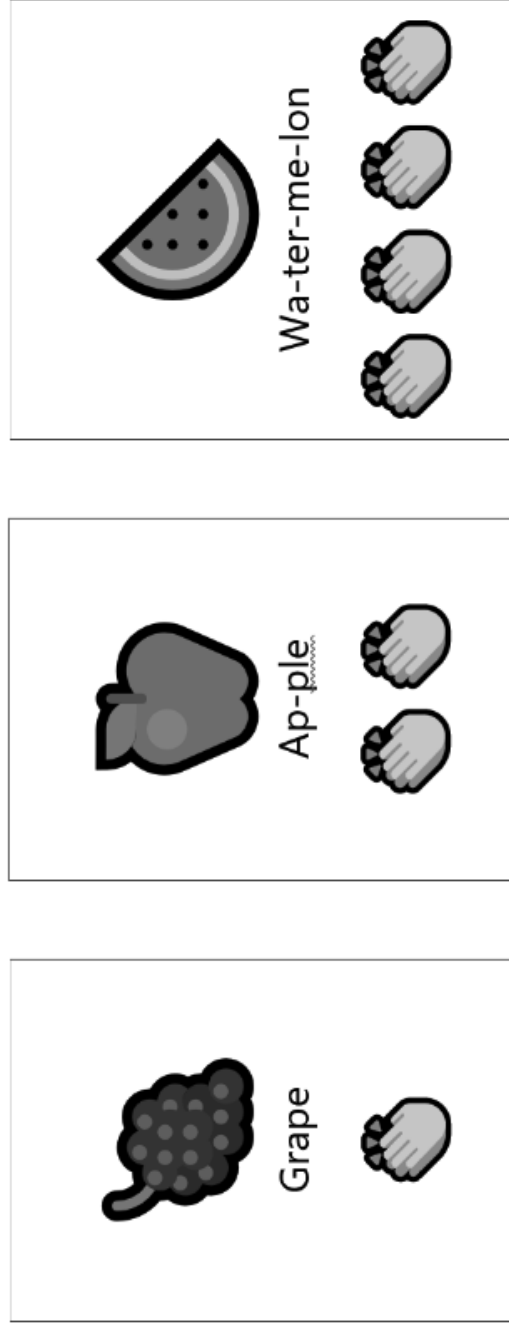
Figure 12D





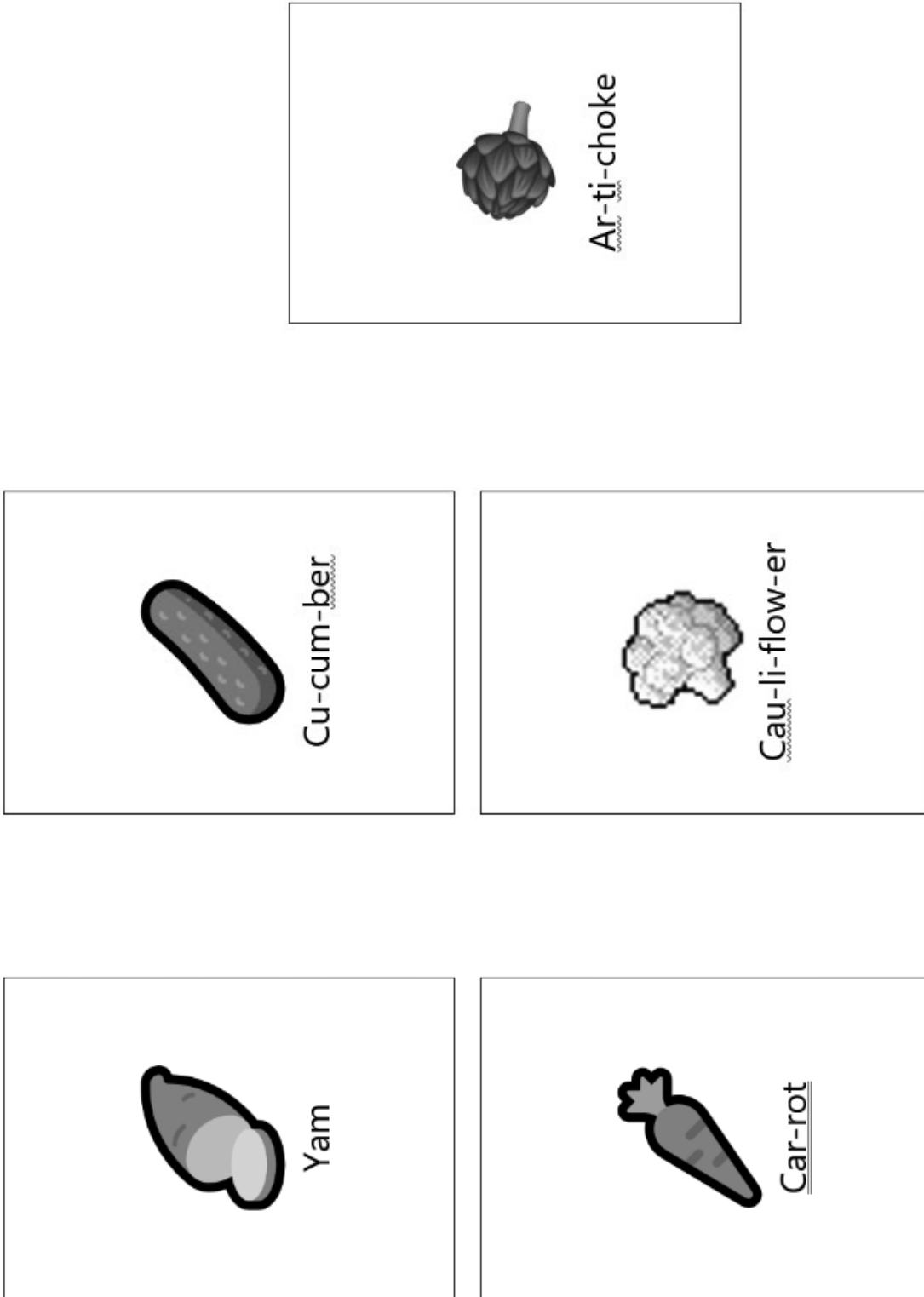
1213

Figure 12E



1215 ↗

Figure 12F



1217

Figure 12G

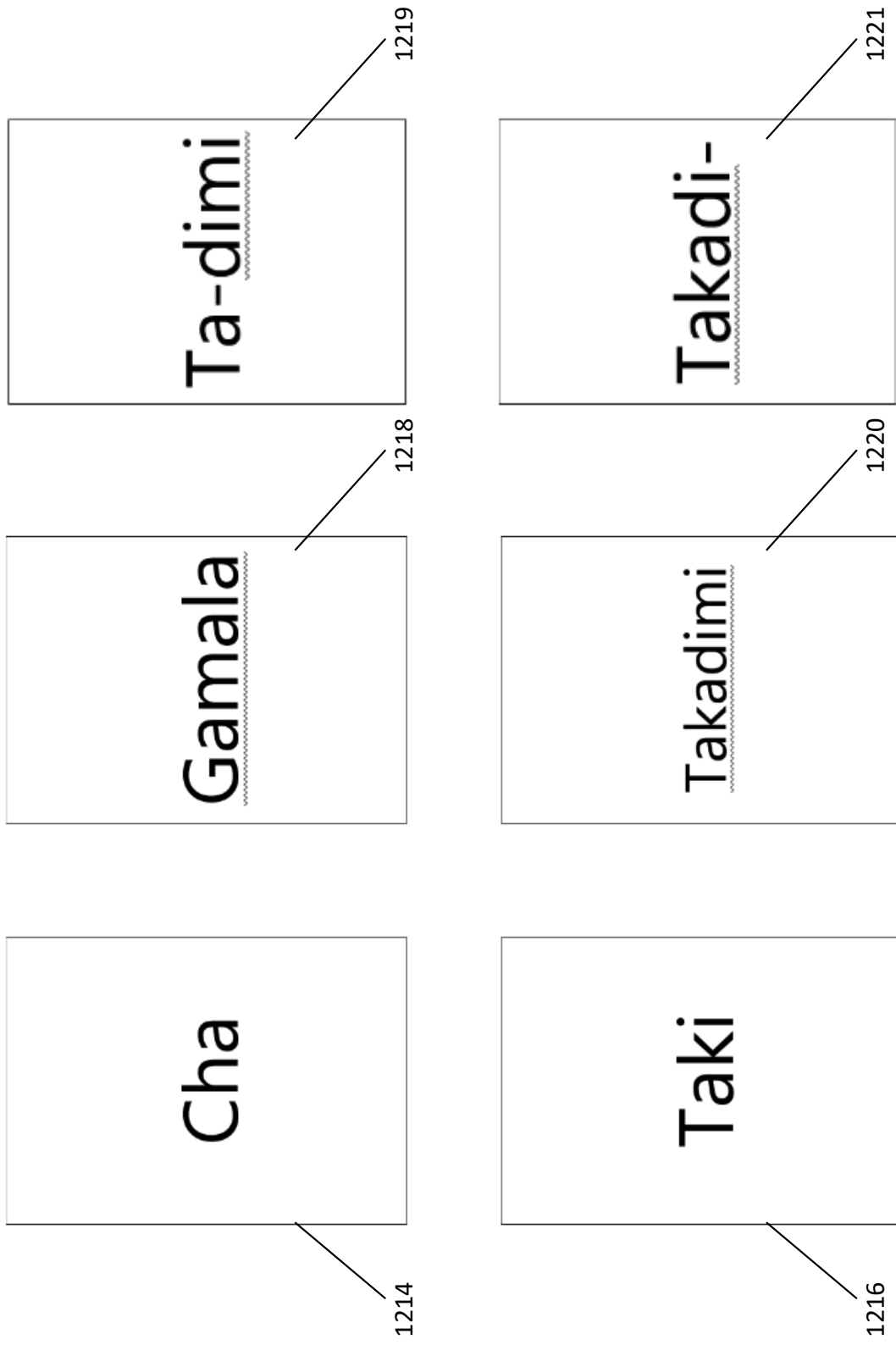


Figure 12H

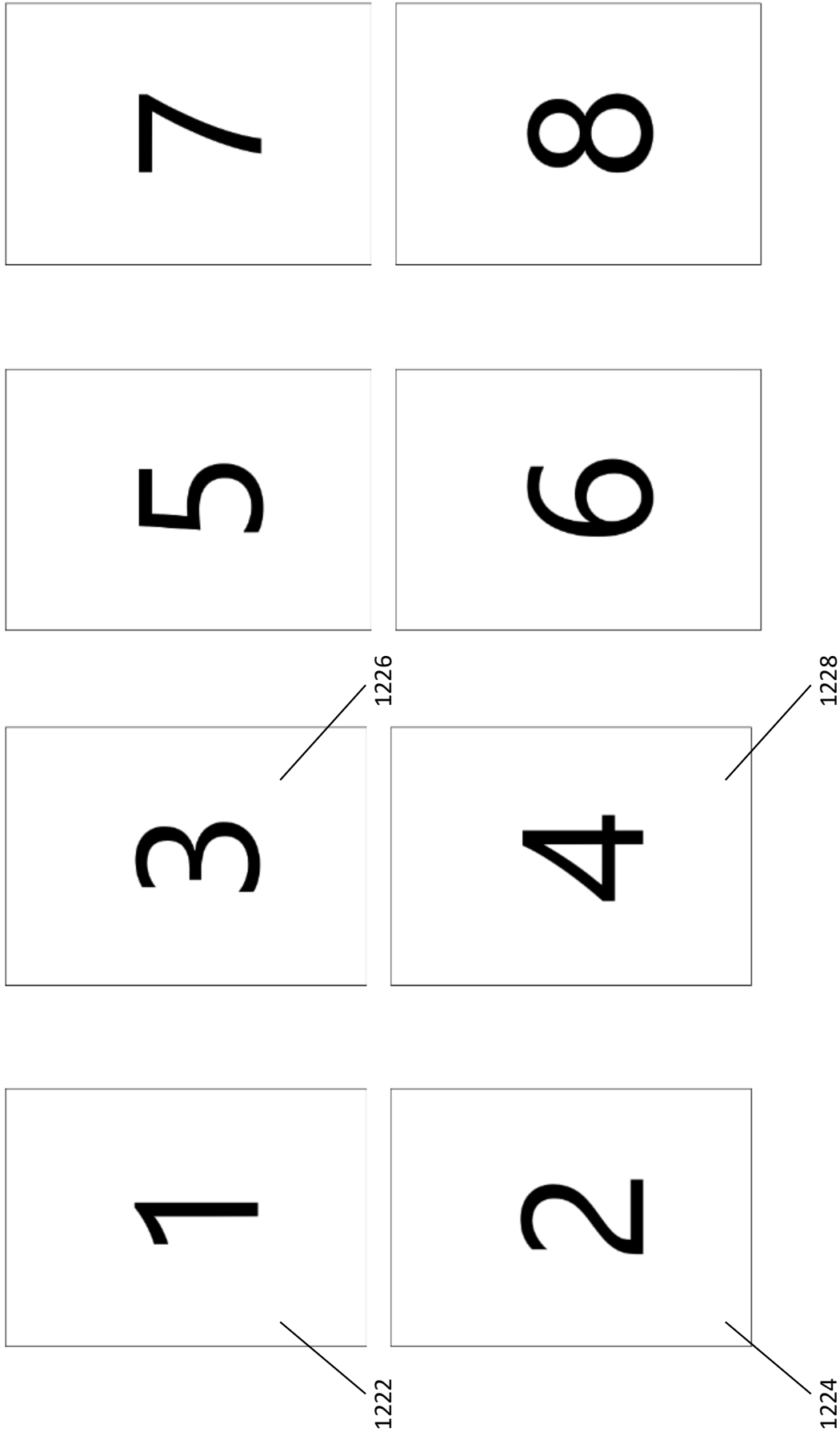


Figure 12I

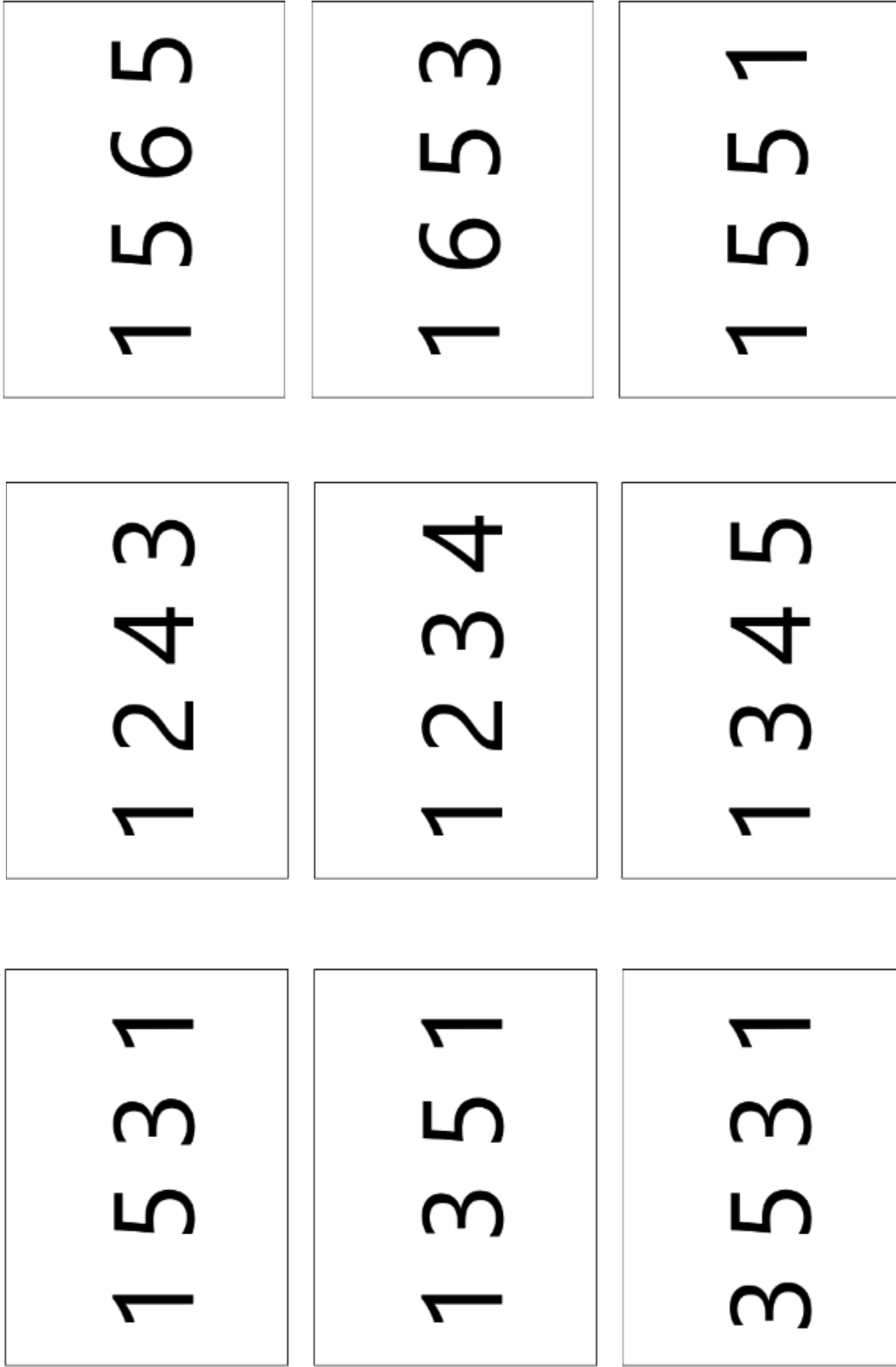


Figure 12J

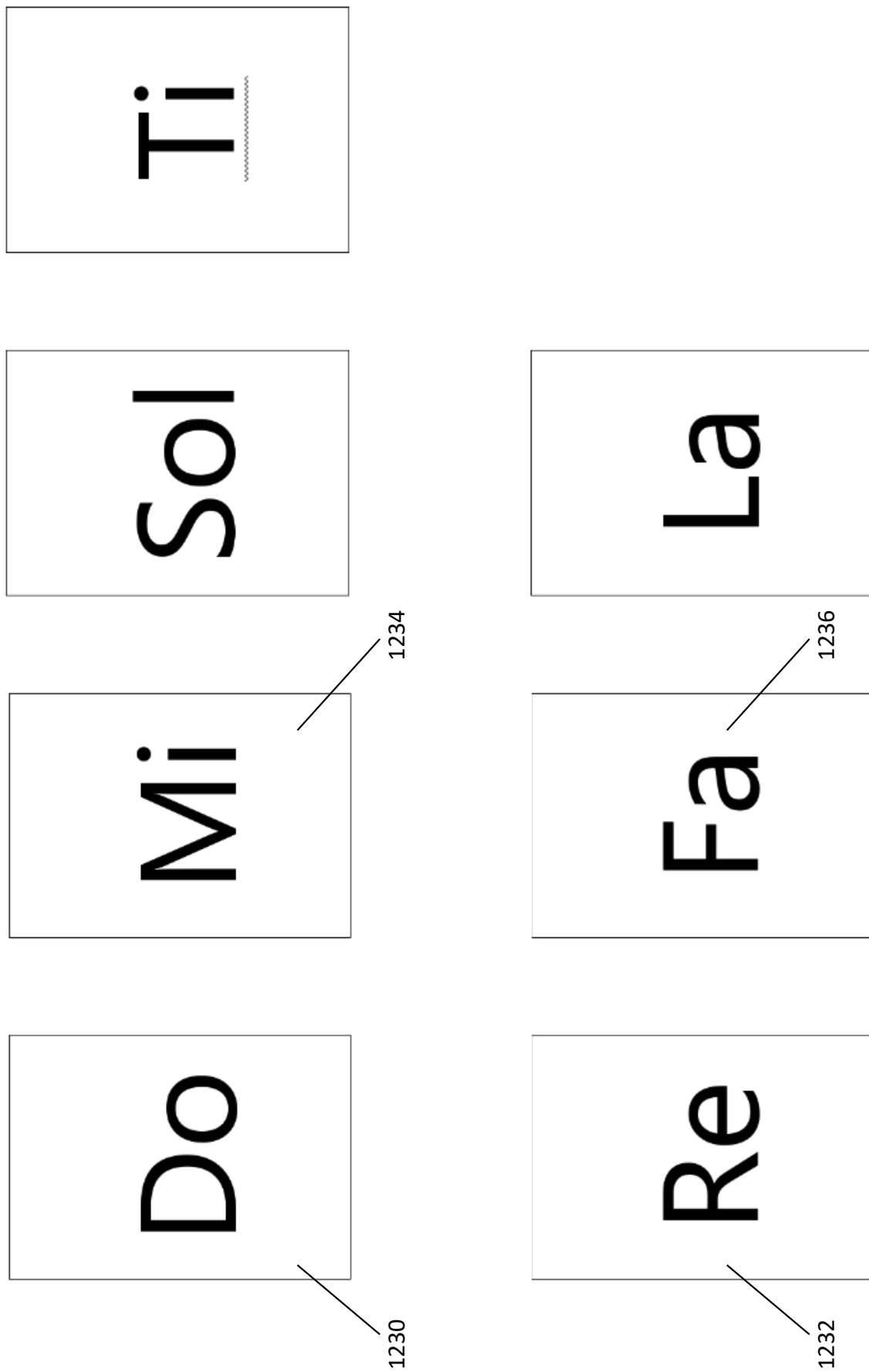


Figure 12K

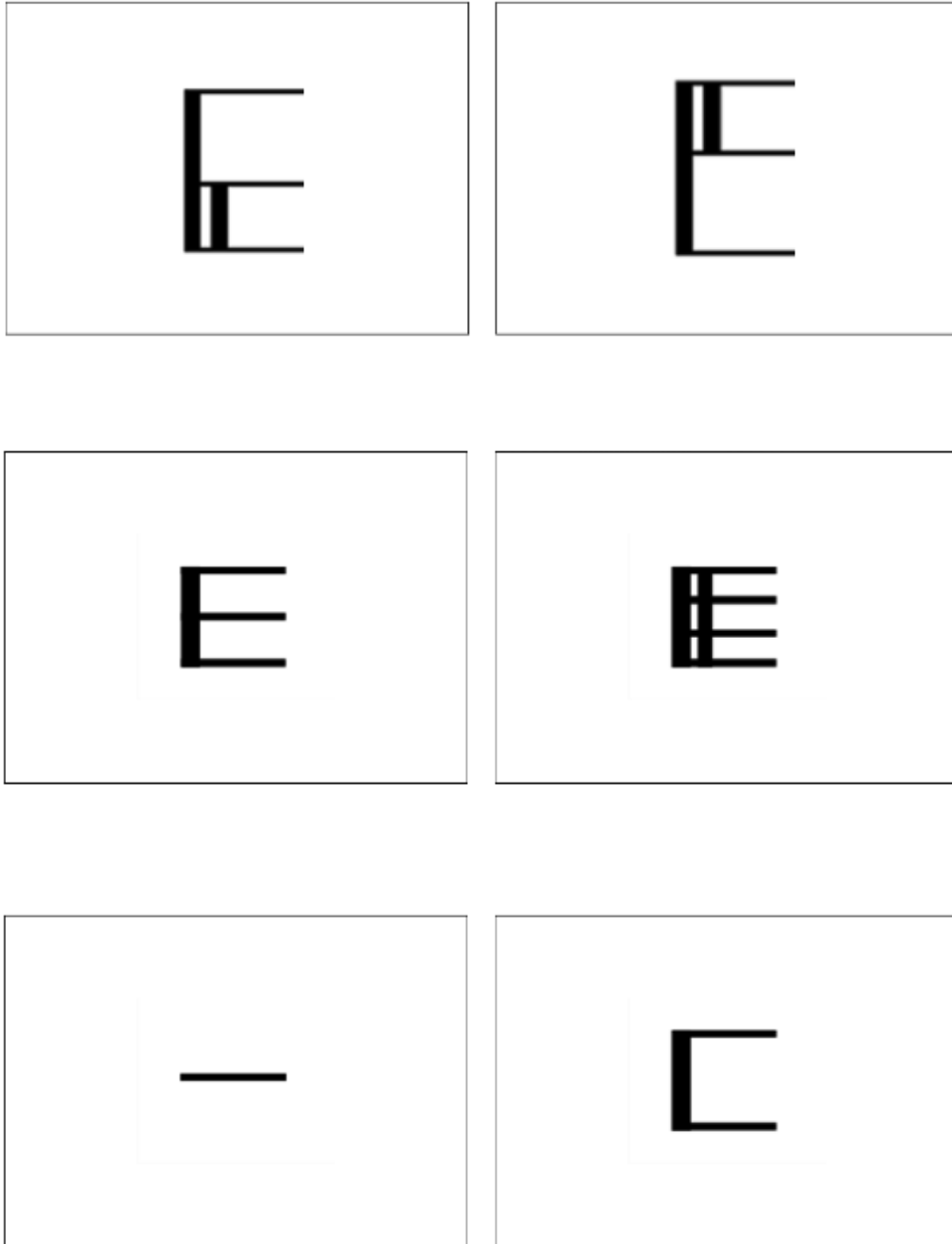


Figure 12L

1225

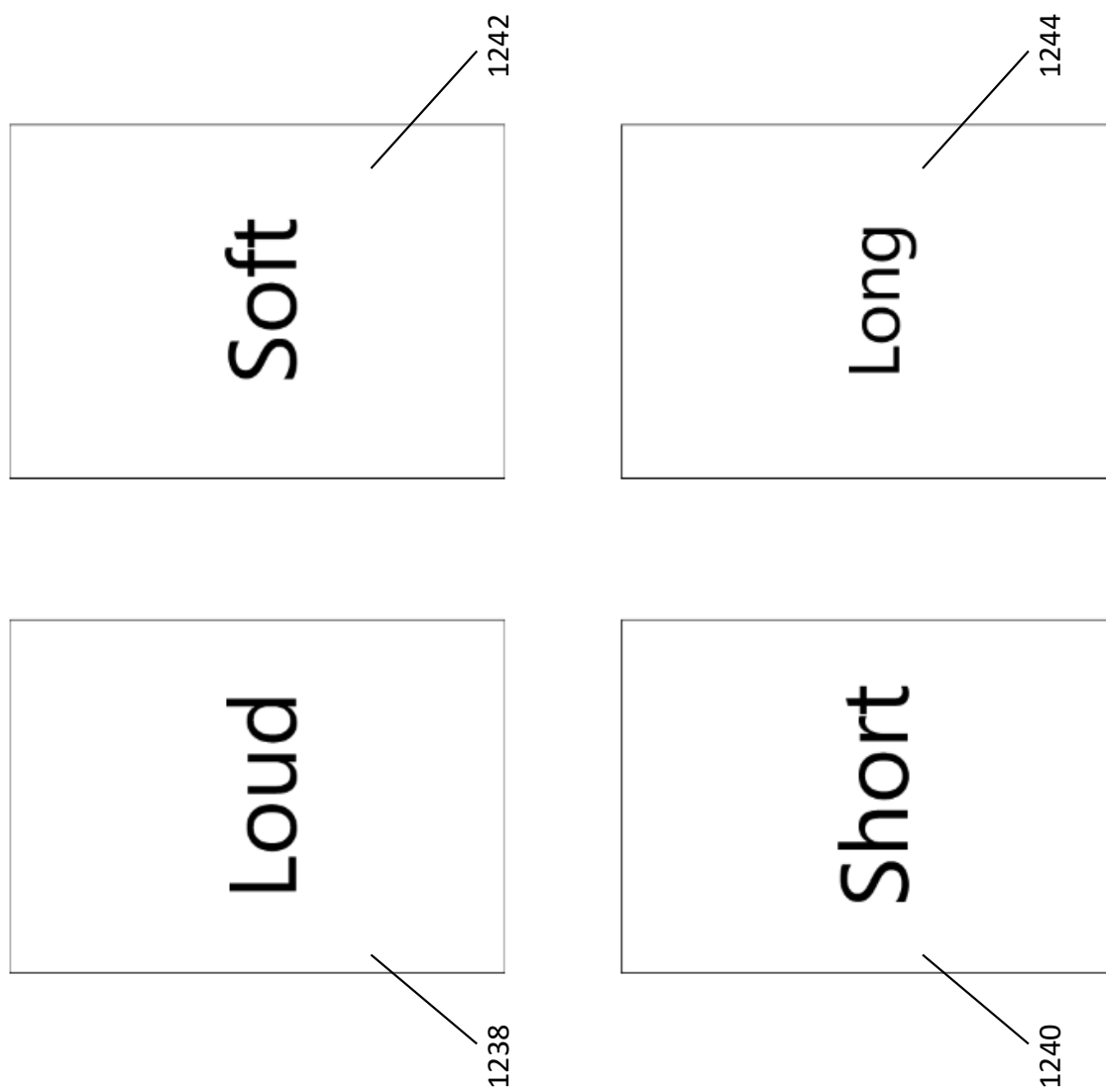


Figure 12M

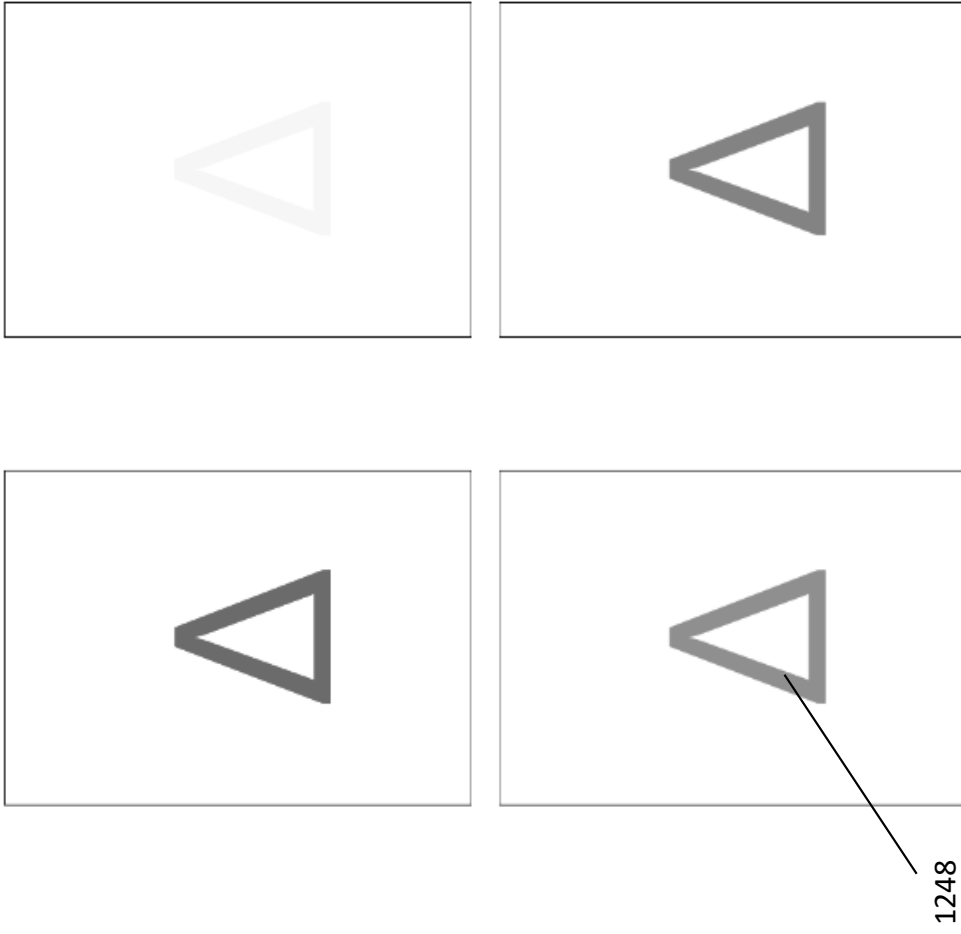
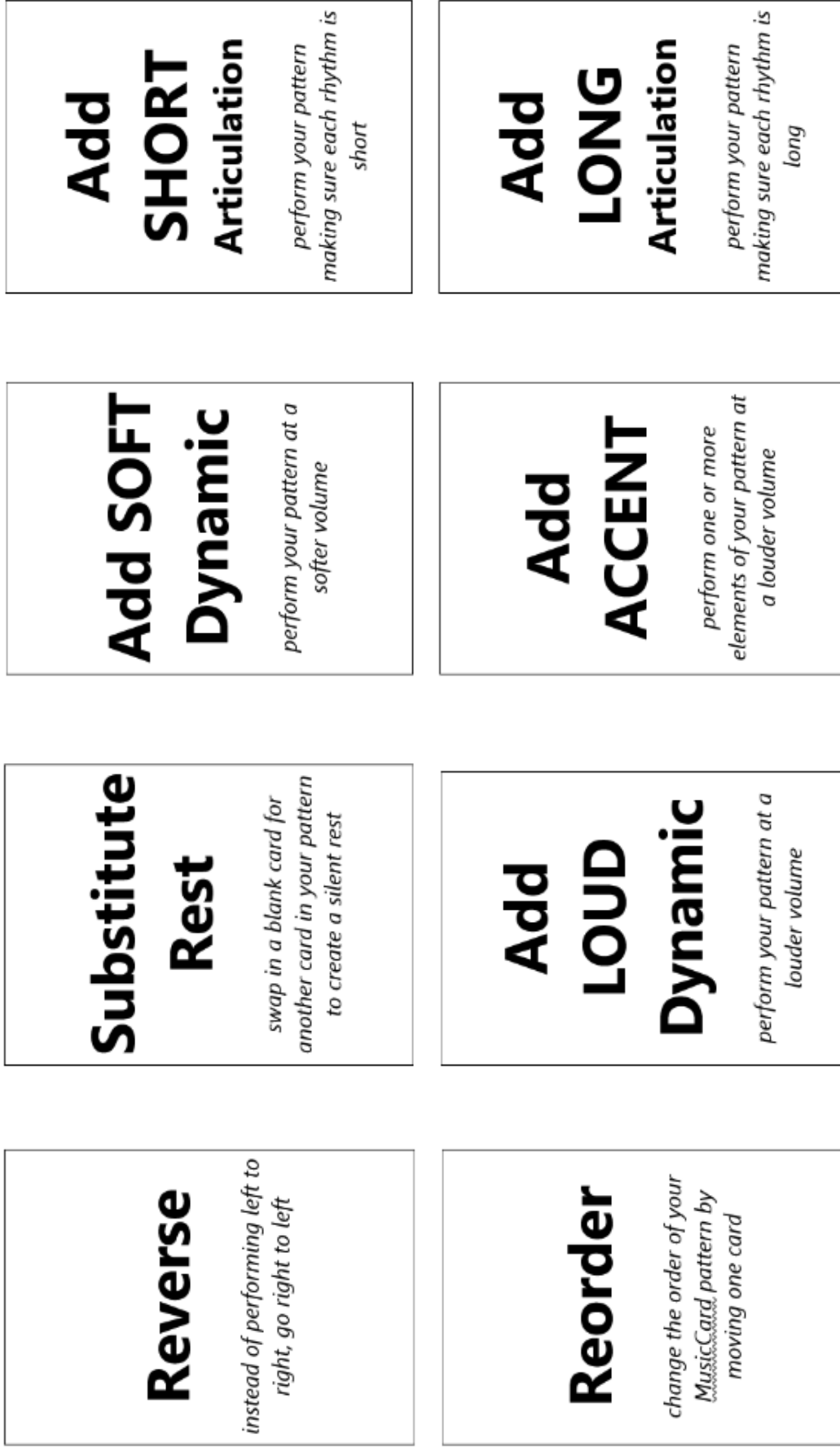


Figure 12N

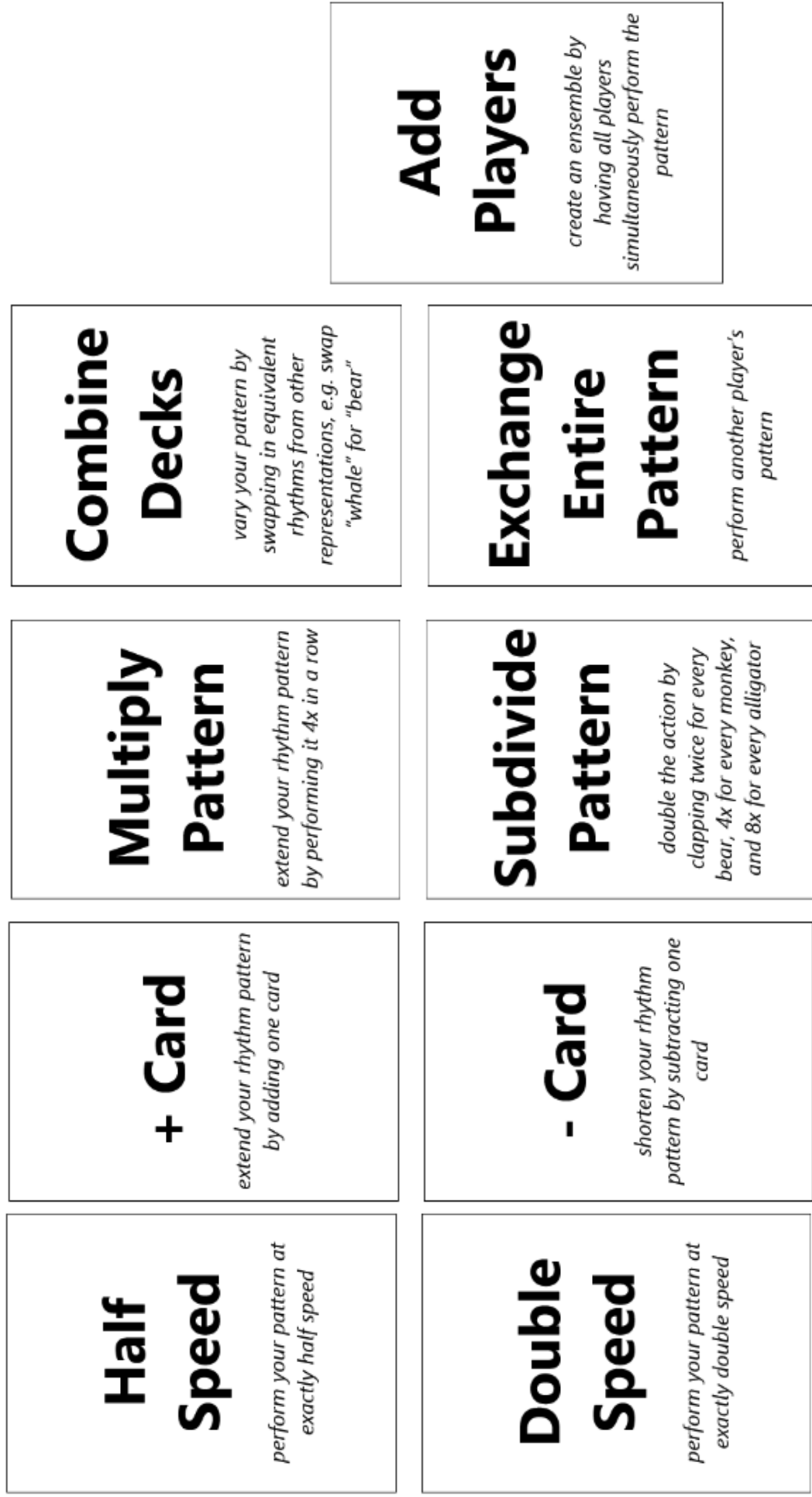


1250

Continued on next page

Figure 120

Continued from
previous page



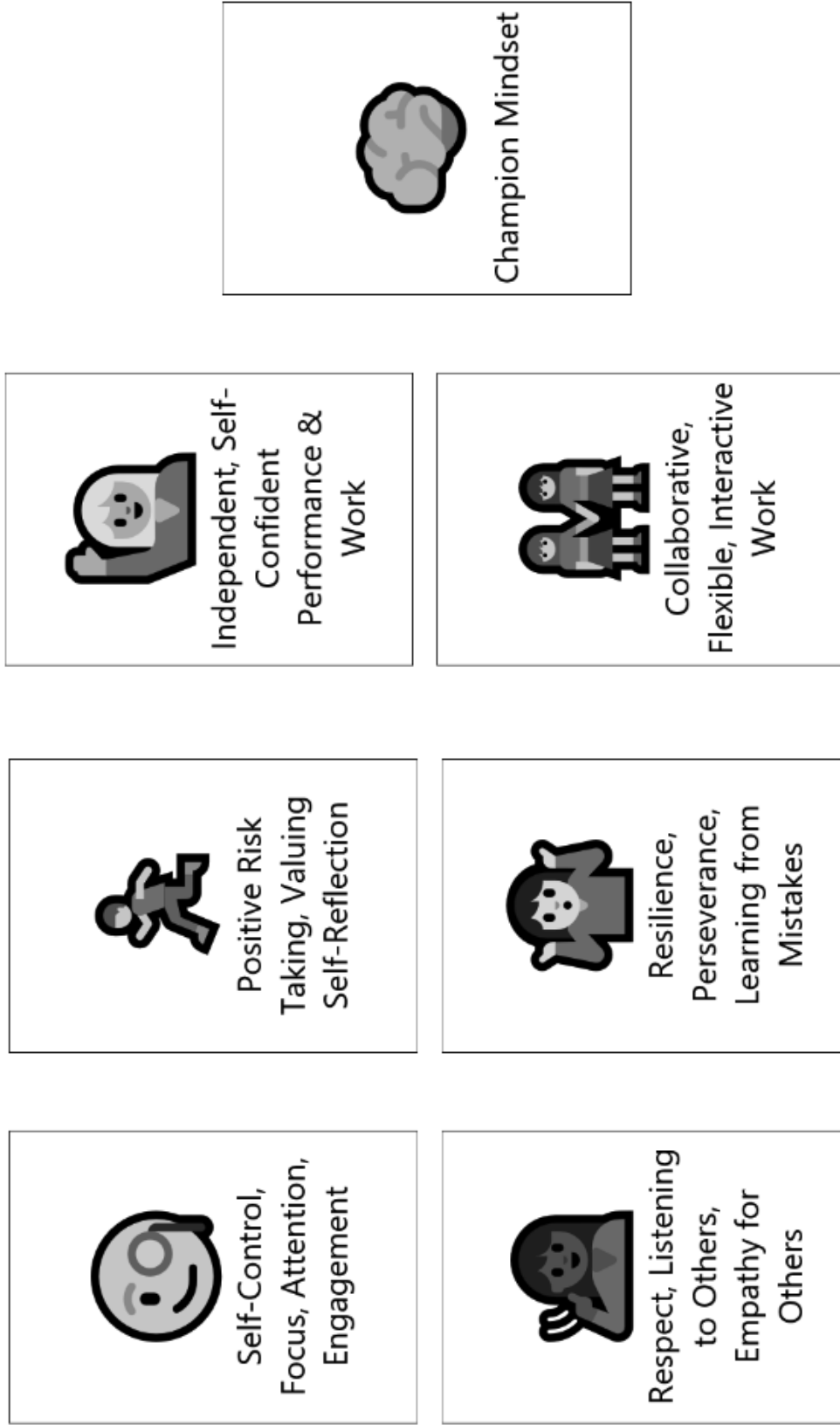
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Figure 120



1252

Figure 12P



1254

Figure 12Q

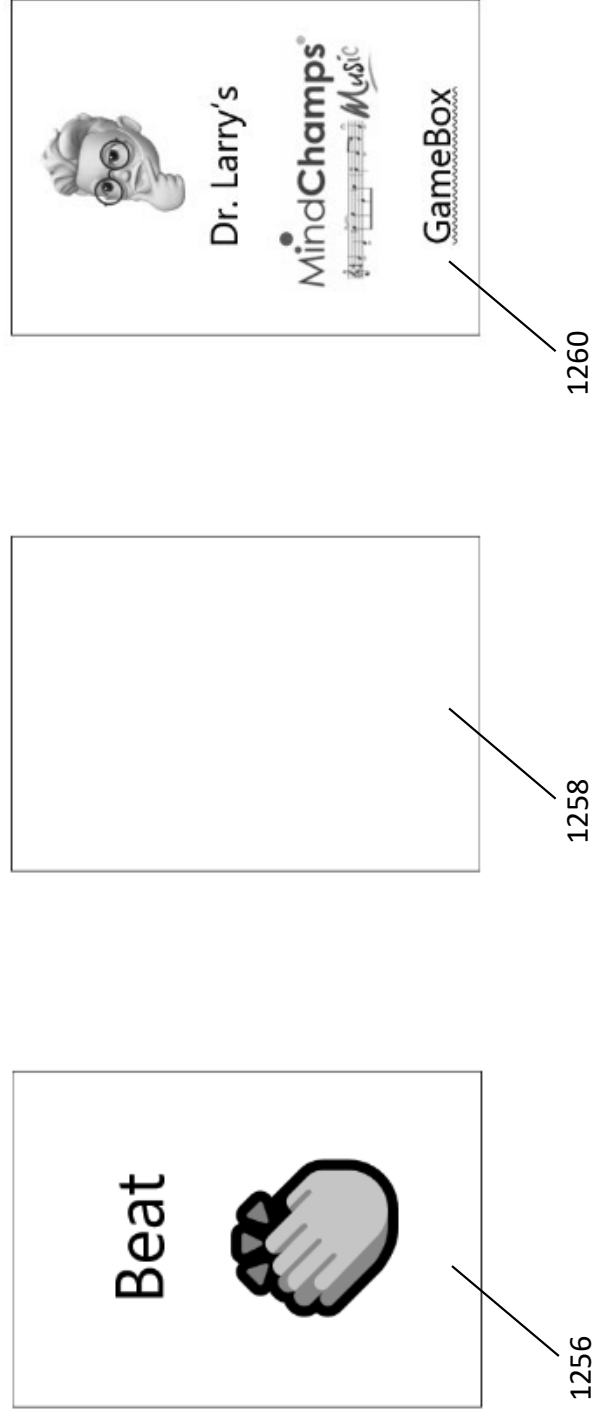


Figure 12R

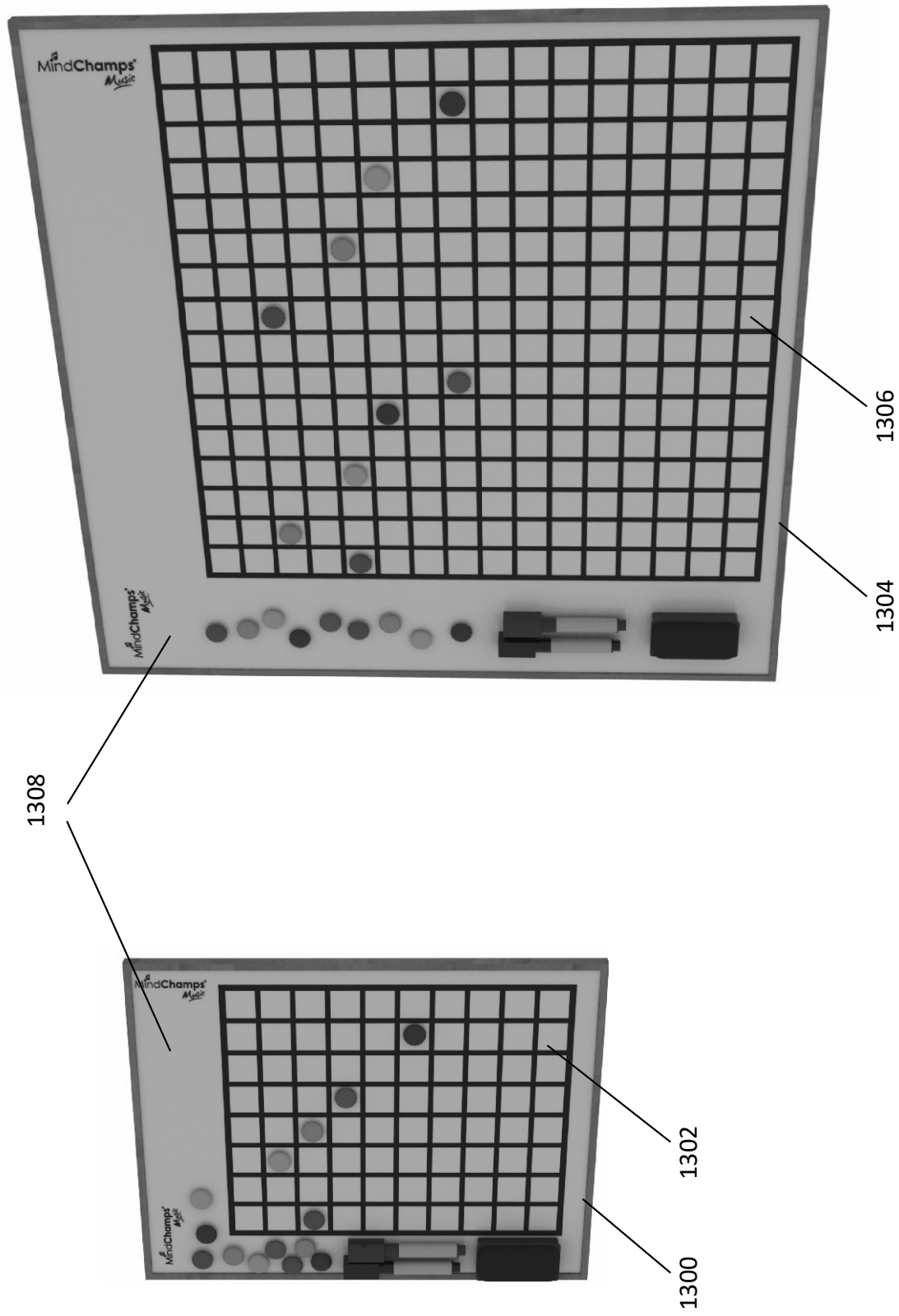


Figure 13A

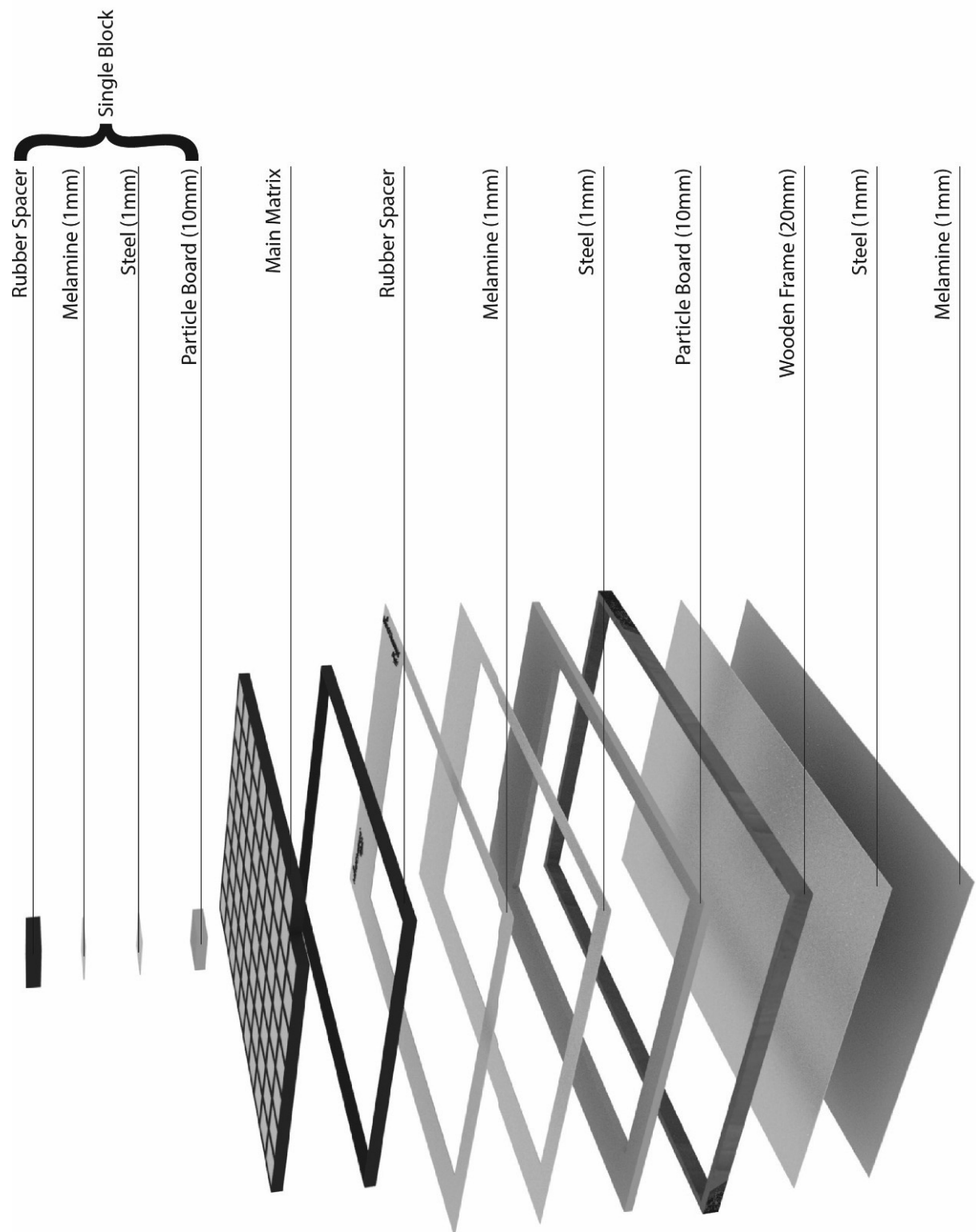
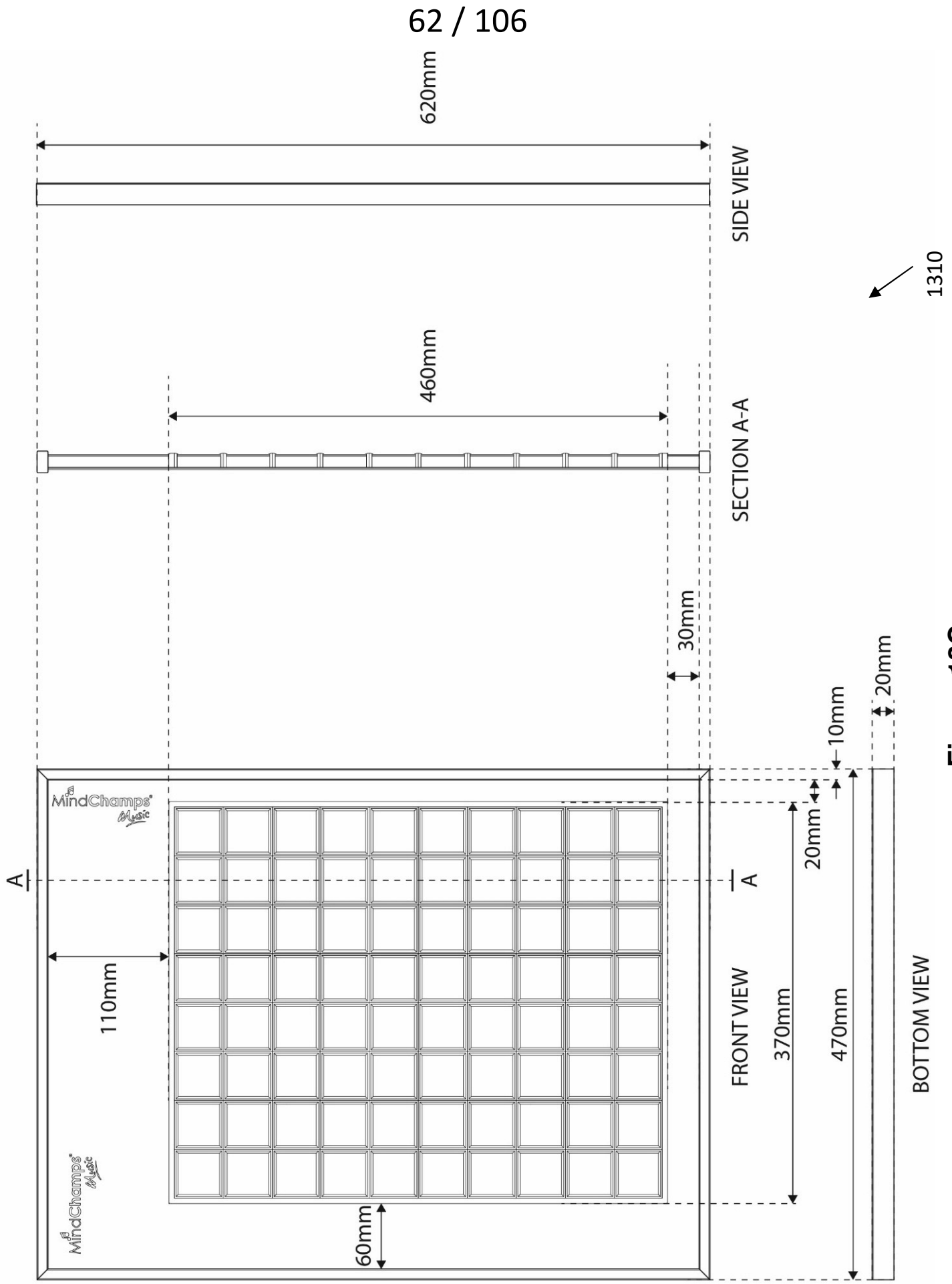
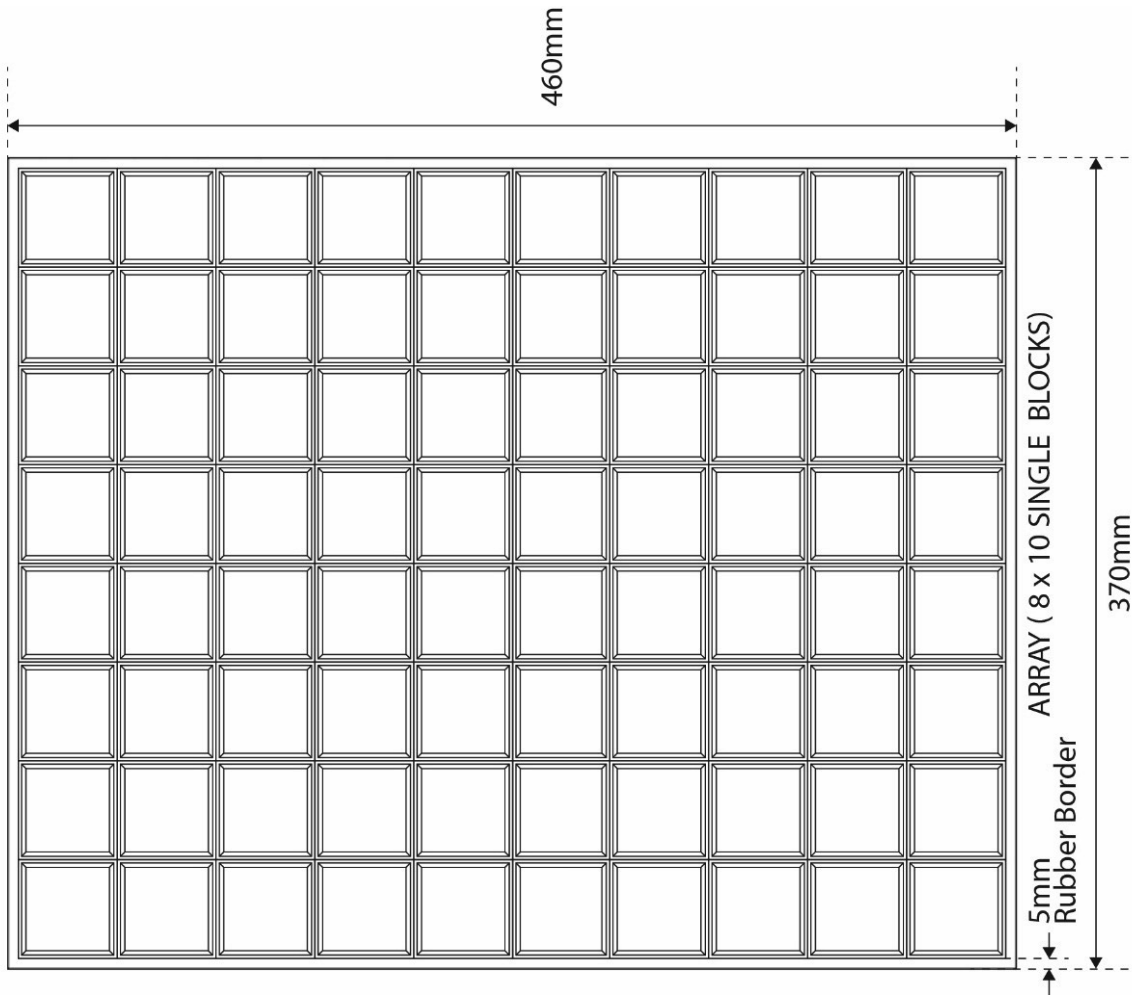


Figure 13B



**Figure 13D**

1312

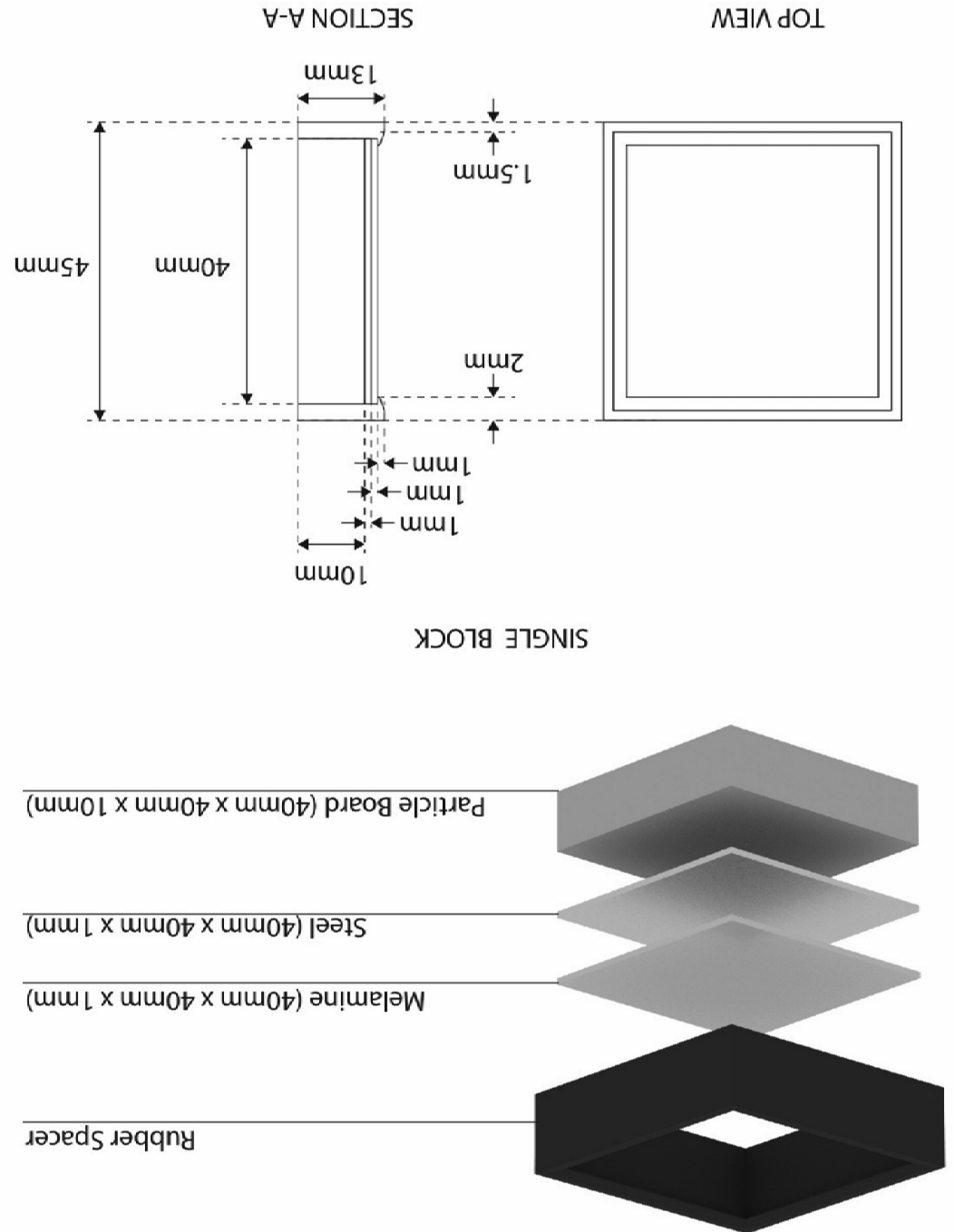


Figure 13E

1314

MAGNETIC MATRIX BOARD (8x10)

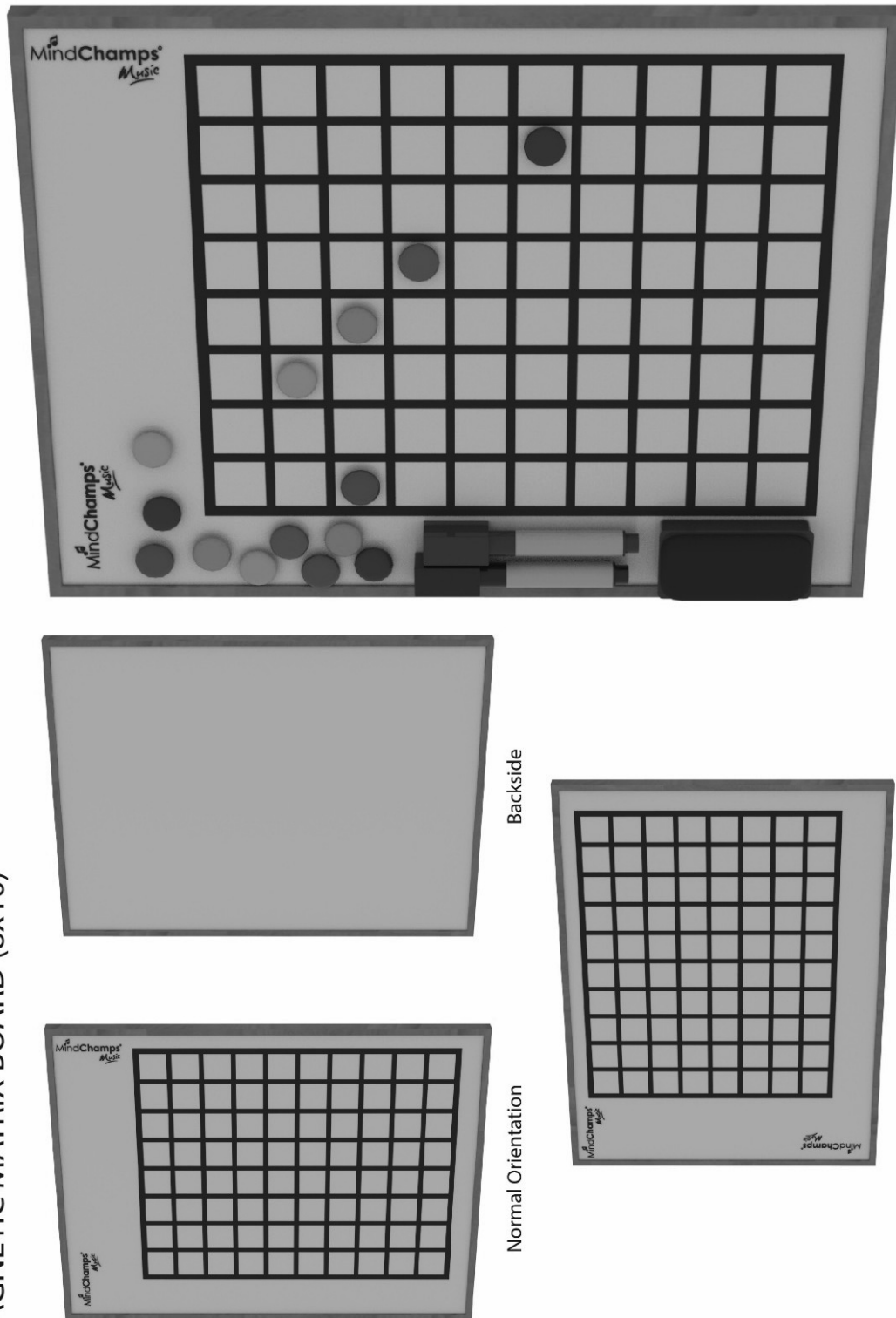
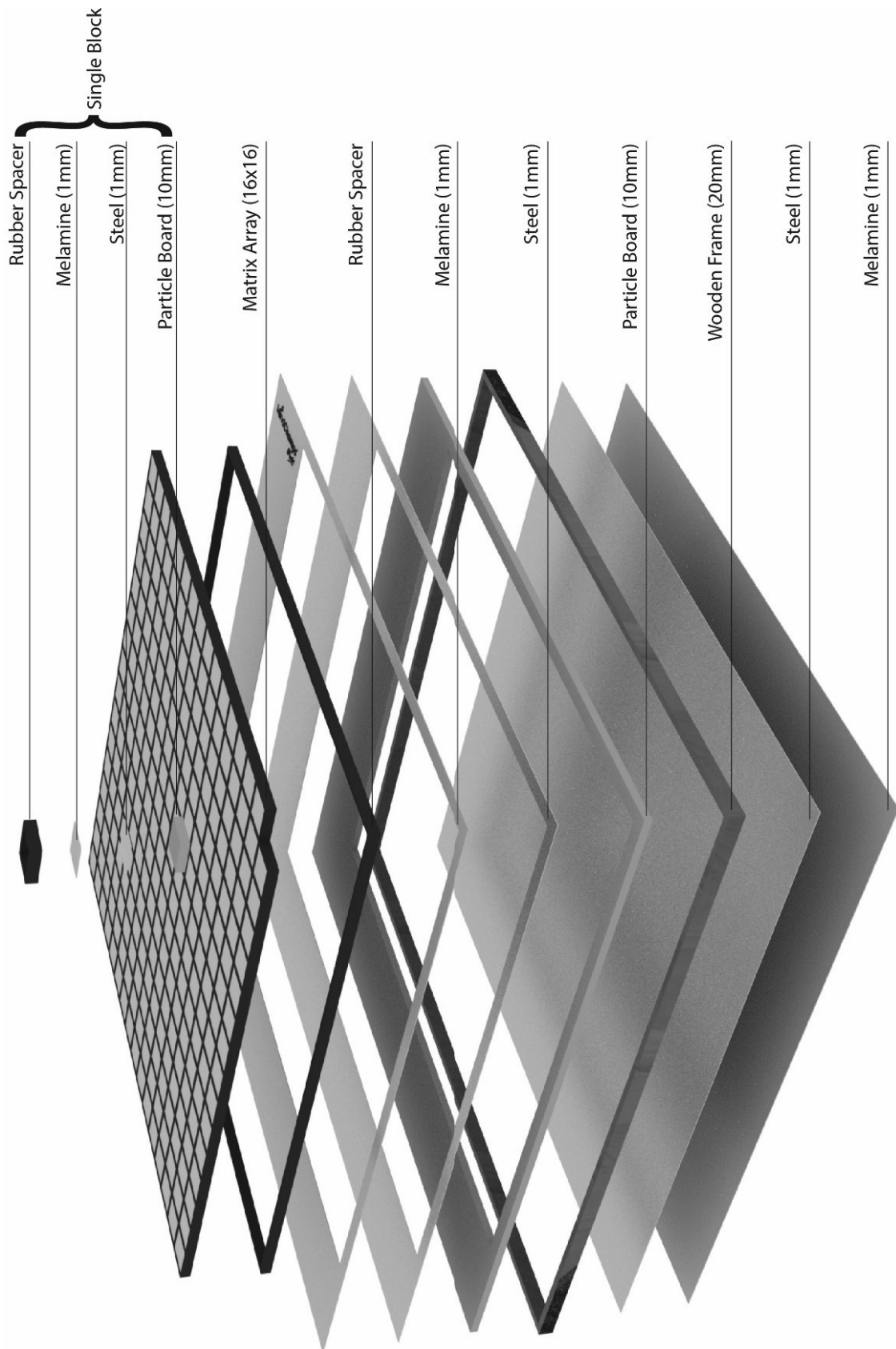


Figure 13F

1316



1318

Figure 13G

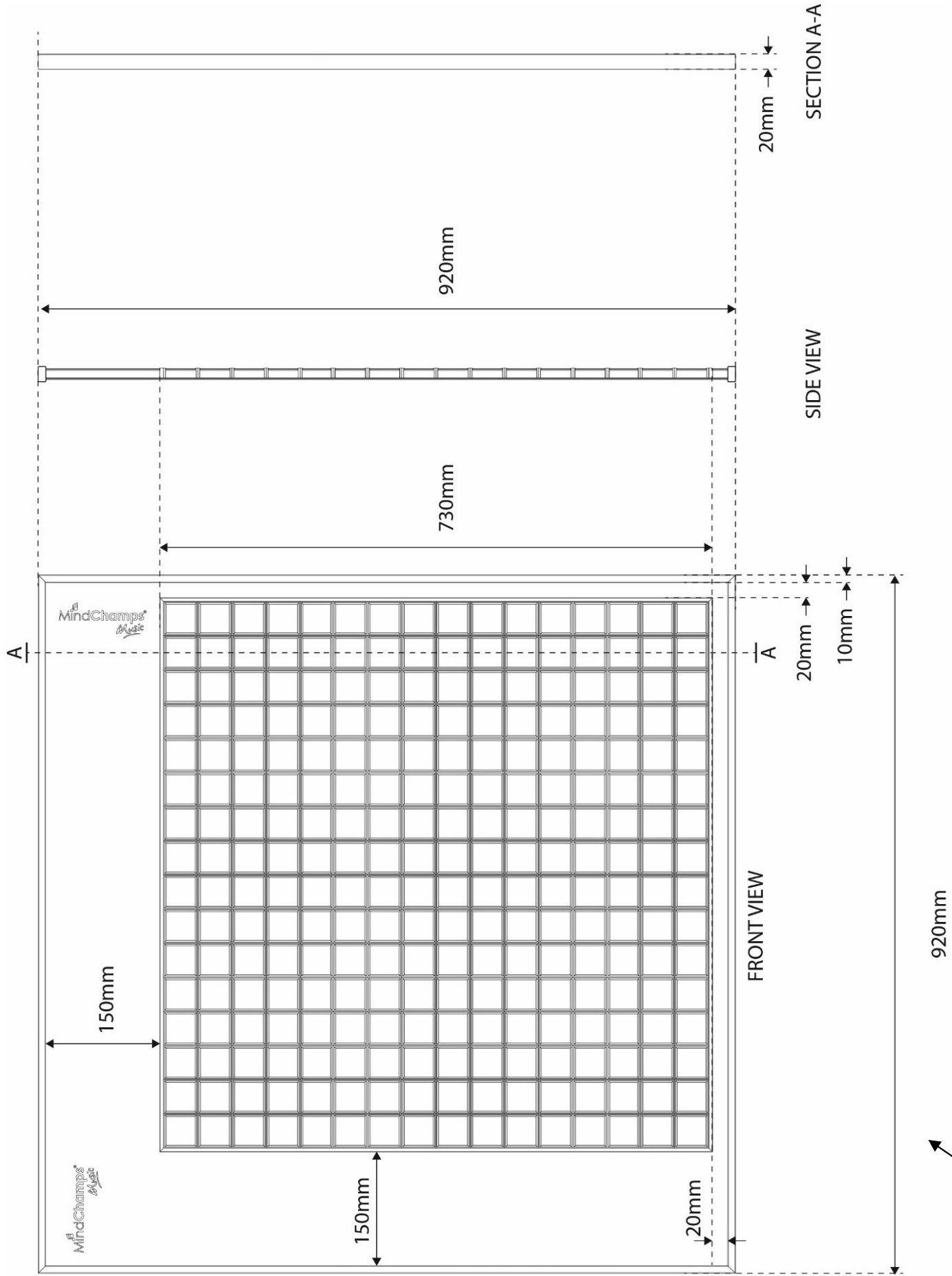
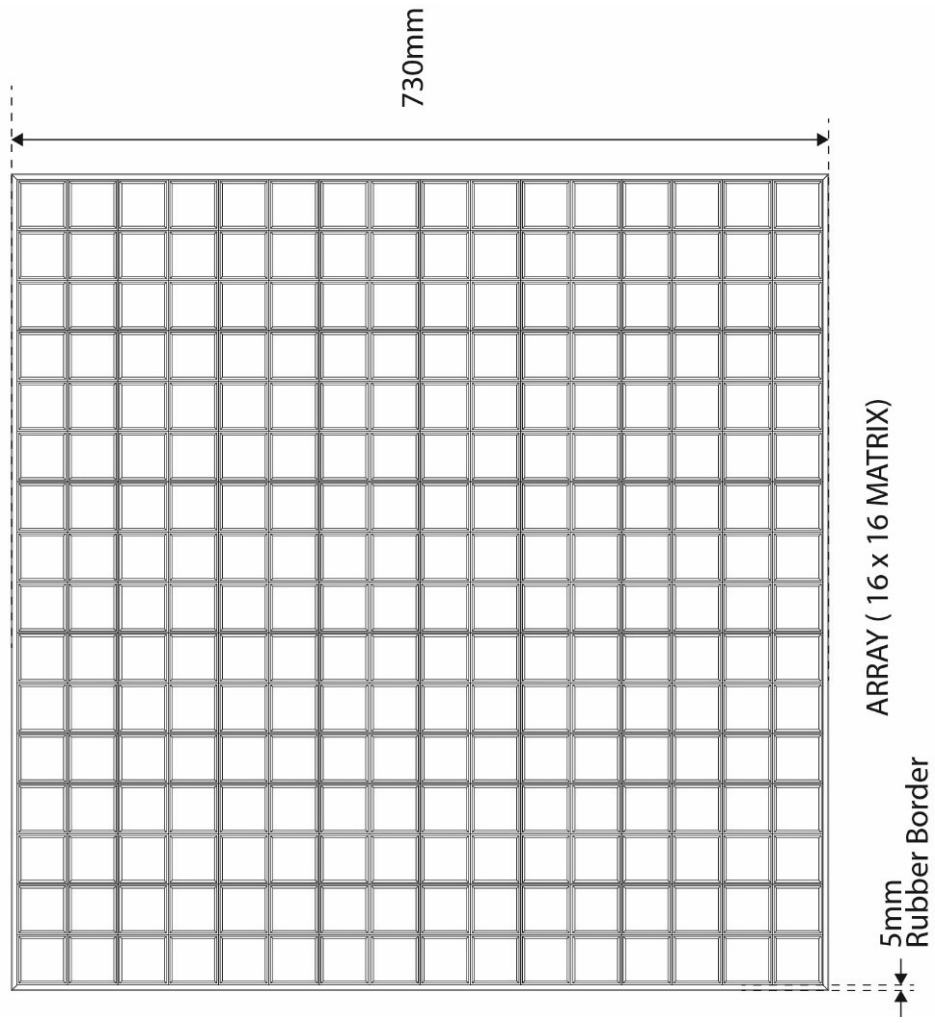


Figure 13H

1320



1322

Figure 13I

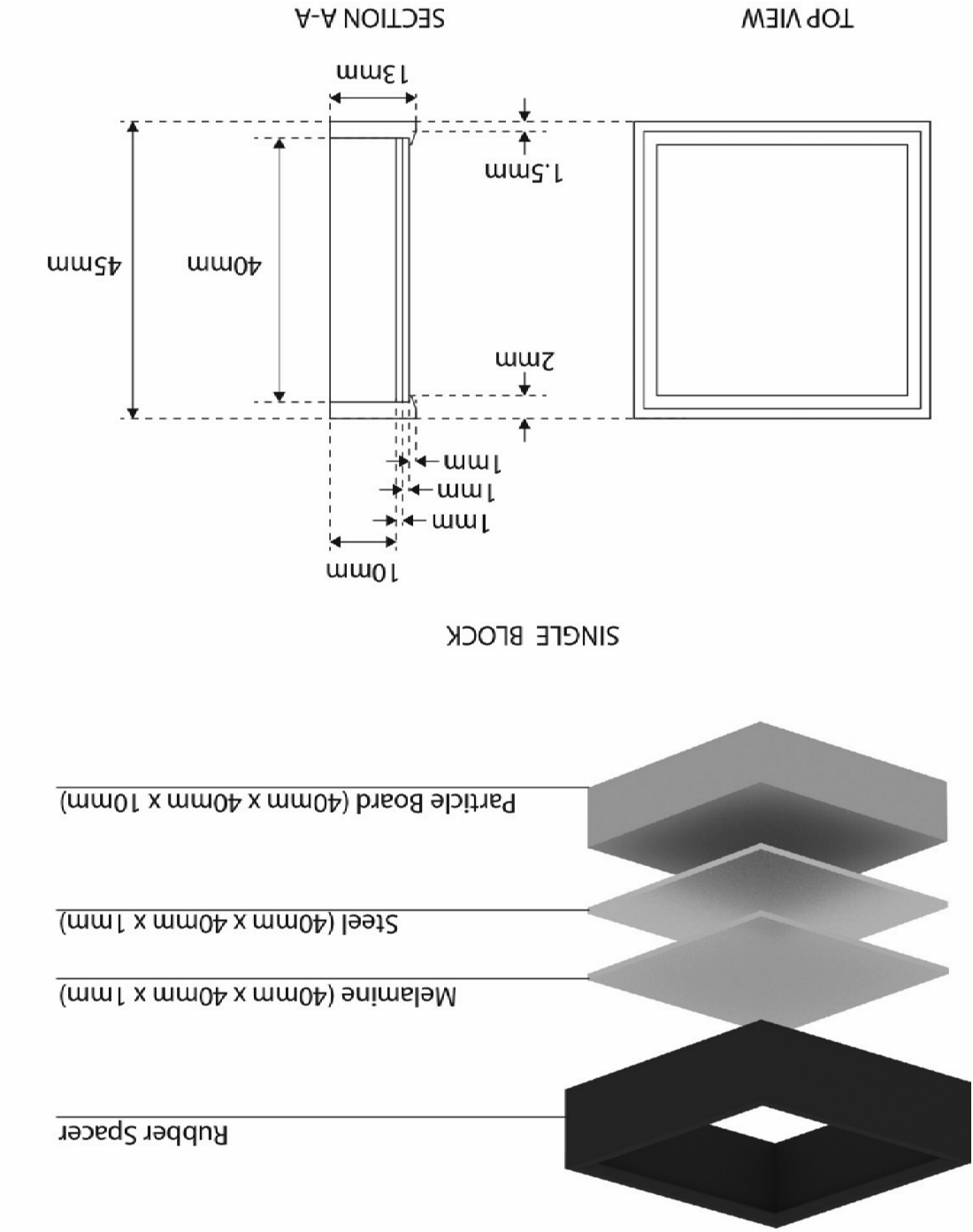
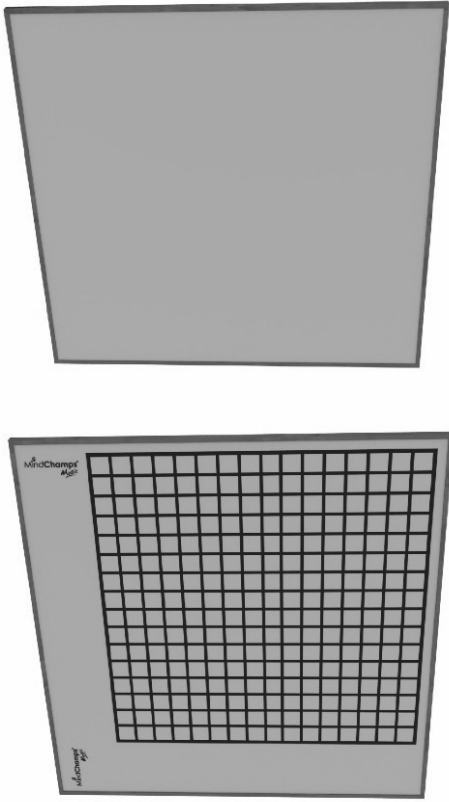


Figure 13J

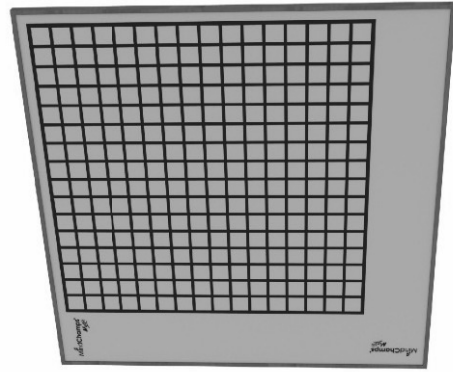
1324

MAGNETIC MATRIX BOARD (16x16)



Normal Orientation

Backside



Rotated 90° Counter Clockwise

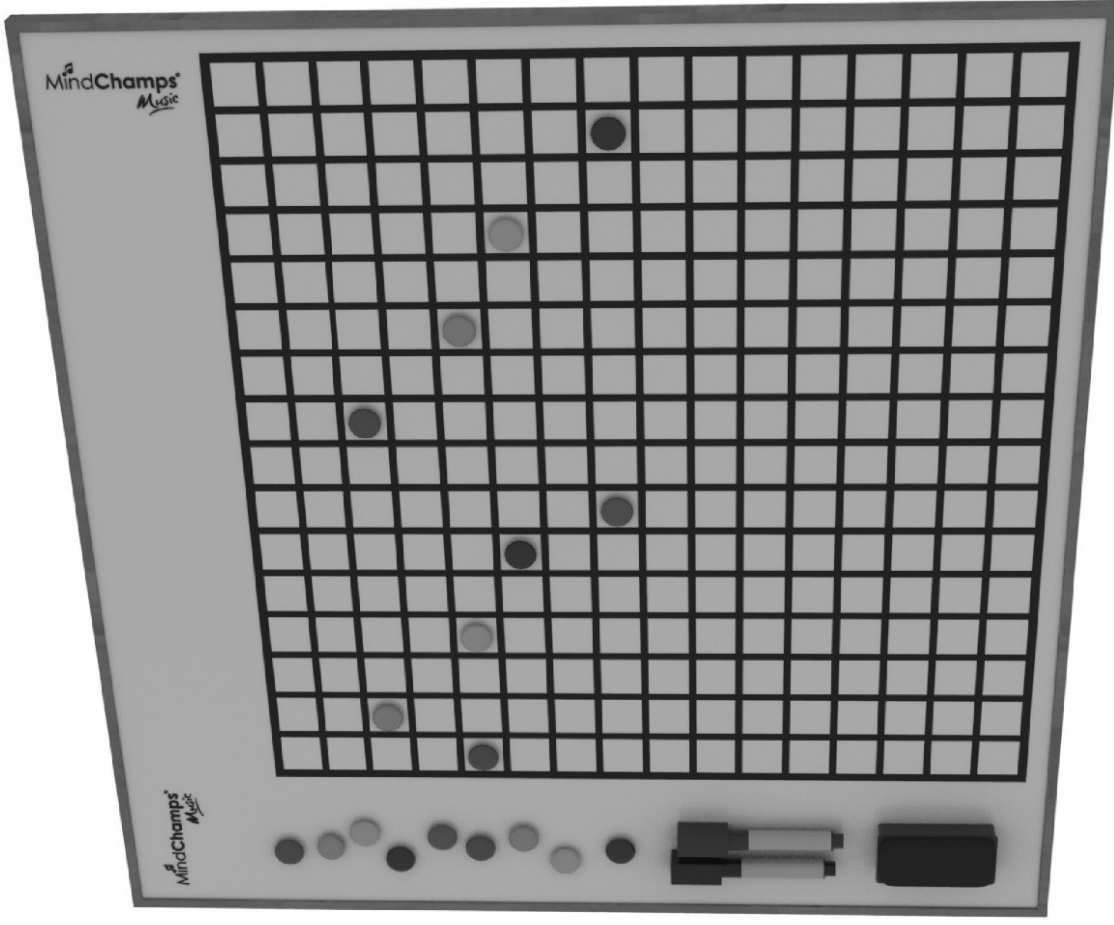


Figure 13K

1326

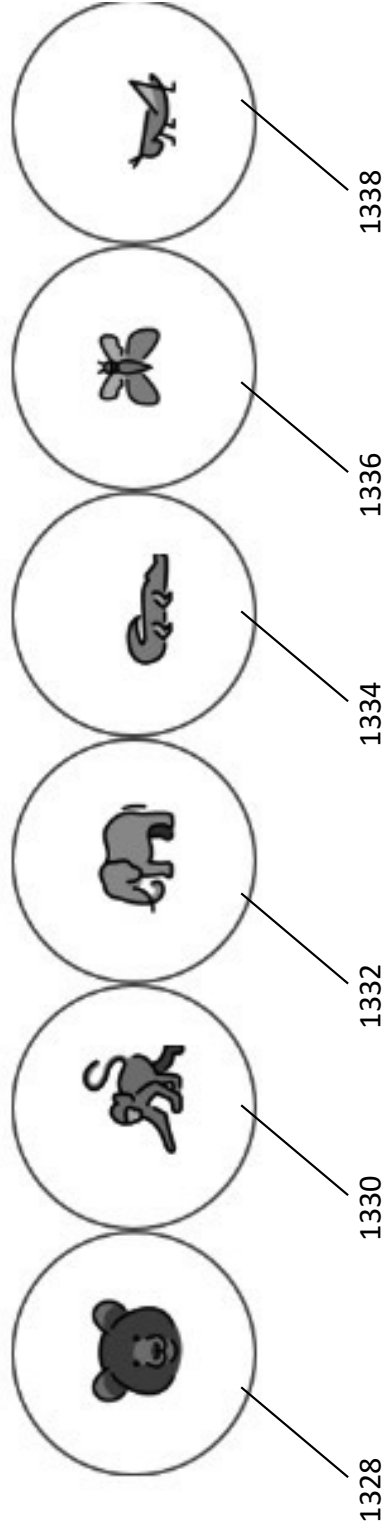


Figure 13L

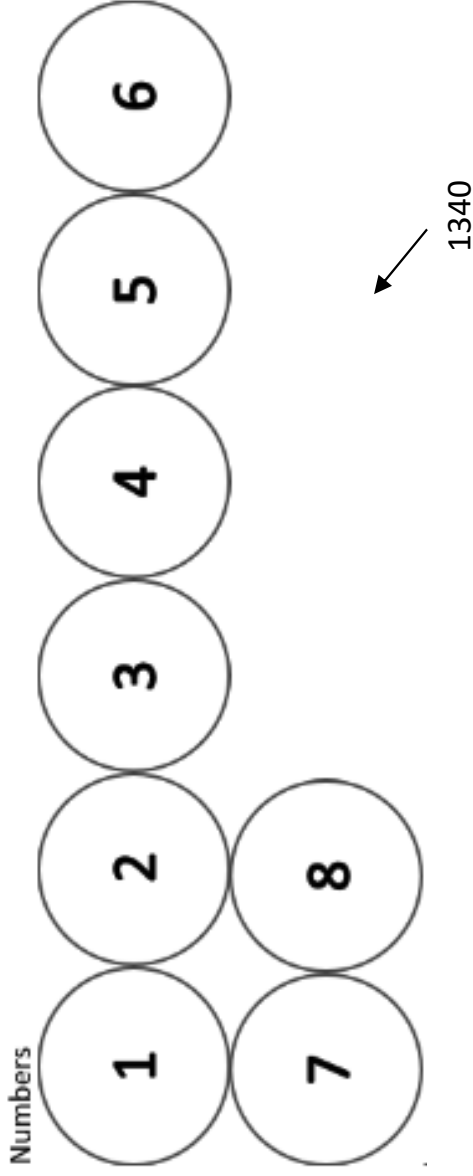


Figure 13M

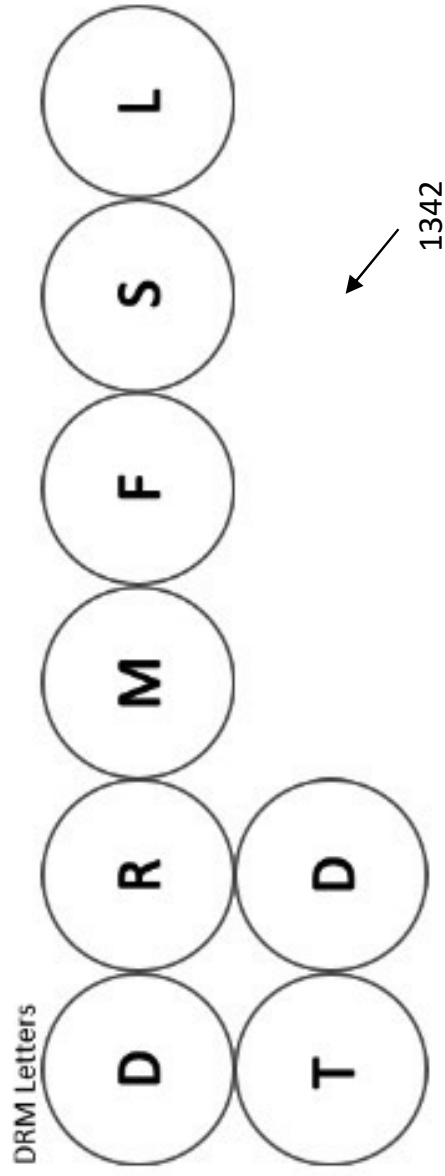


Figure 13N



Figure 13O

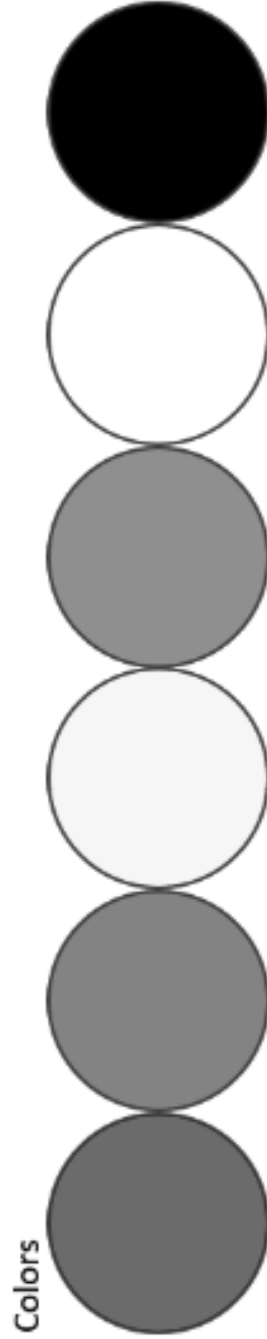


Figure 13P

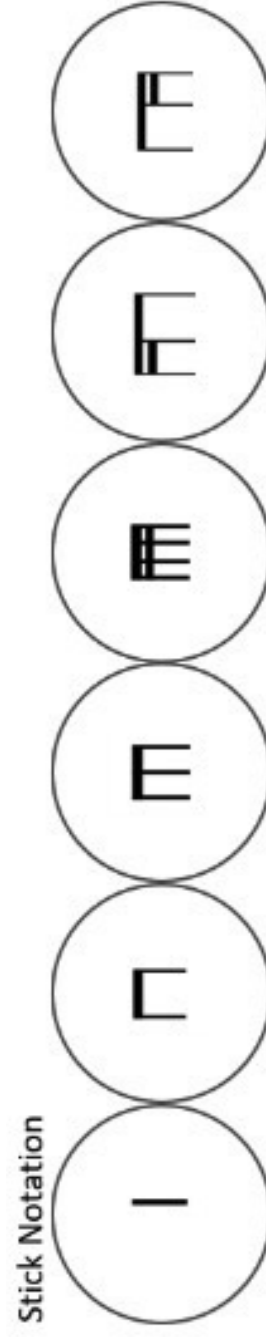


Figure 13Q

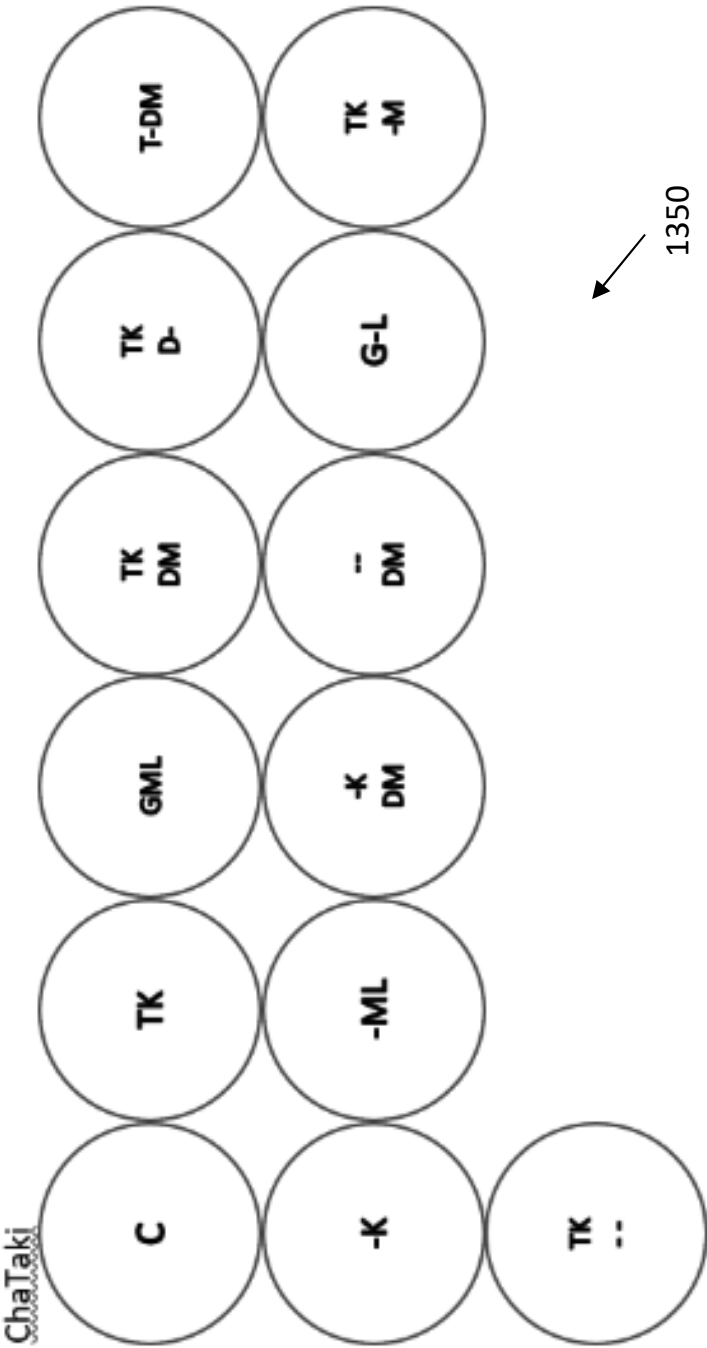


Figure 13R

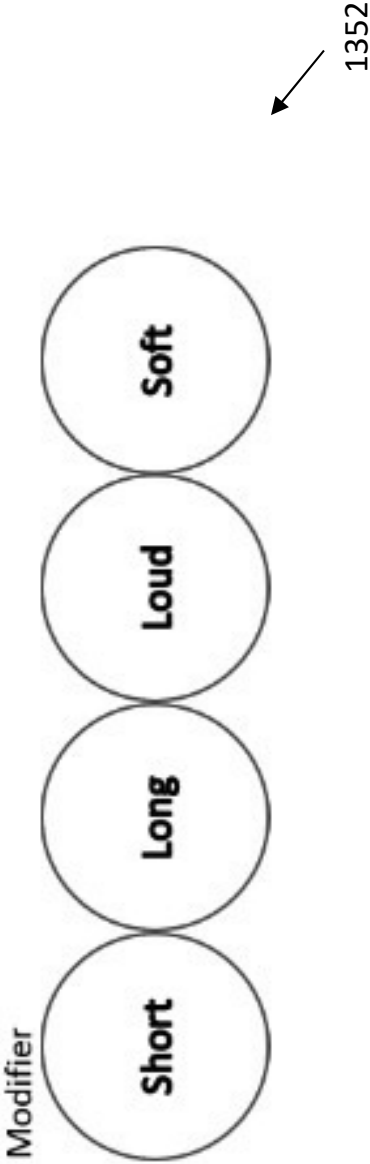
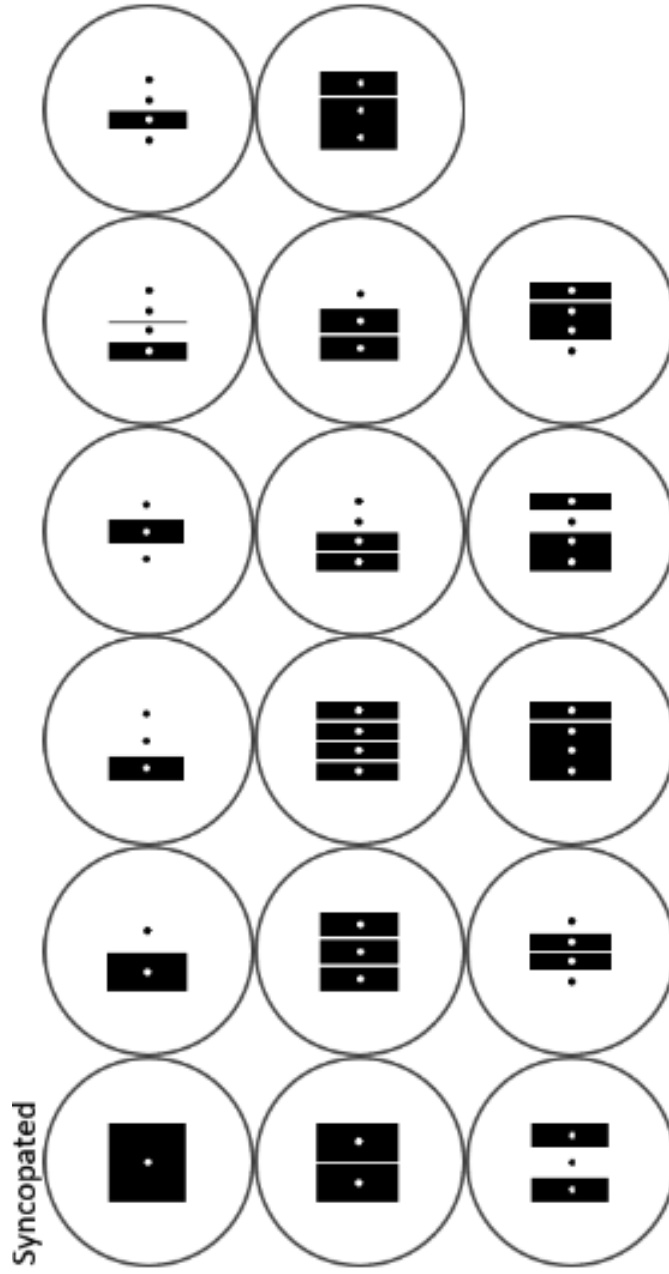


Figure 13S



1354

Figure 13T

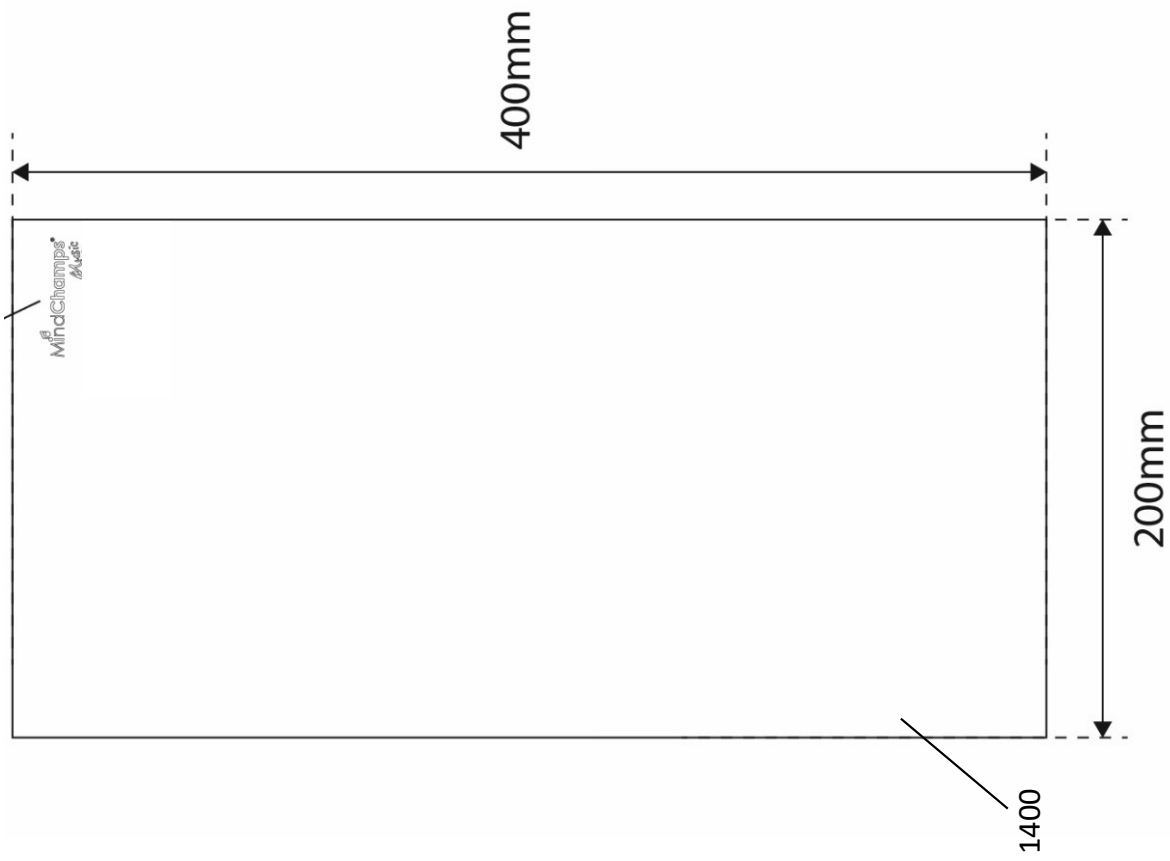


Figure 14A

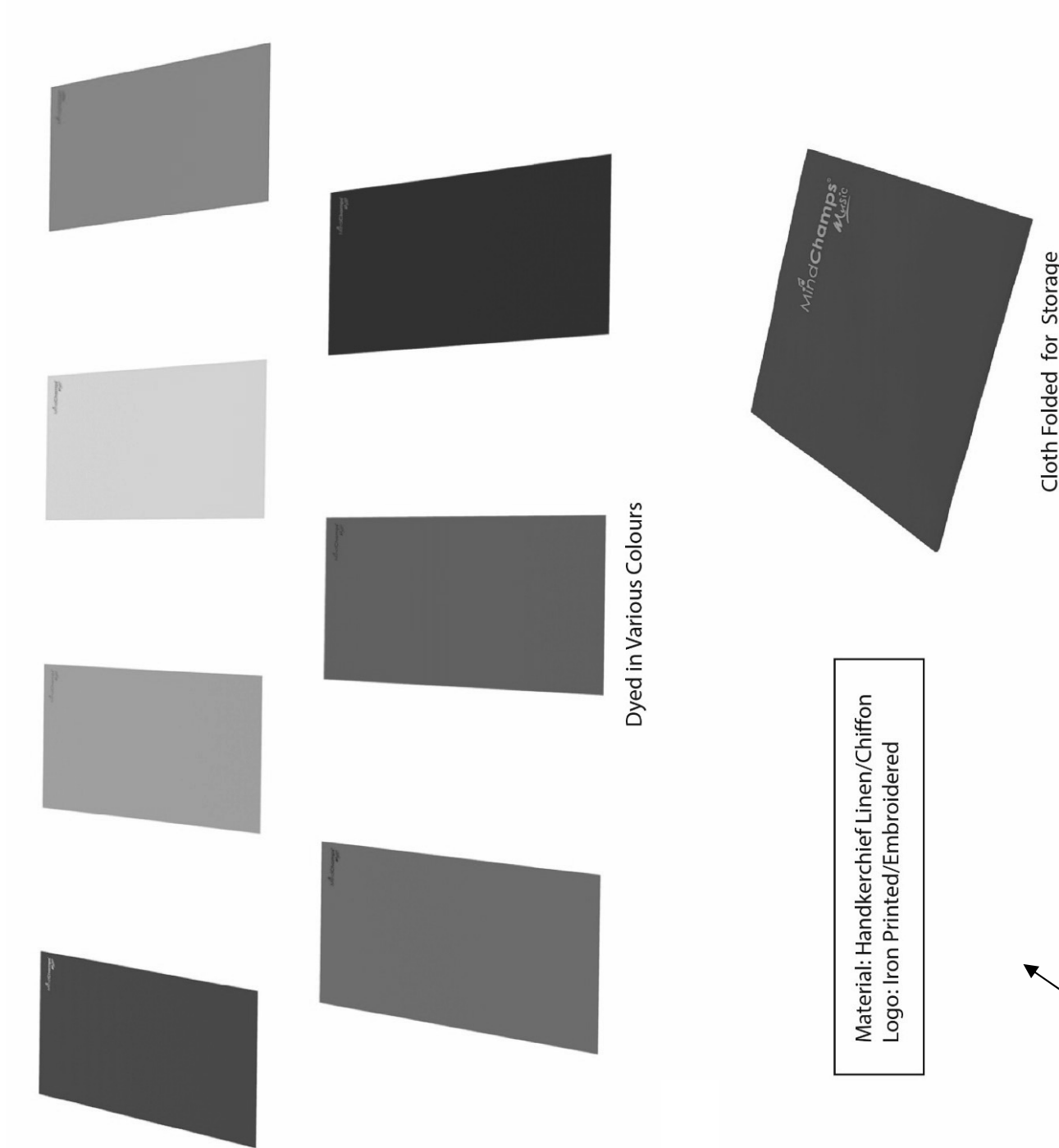


Figure 14B

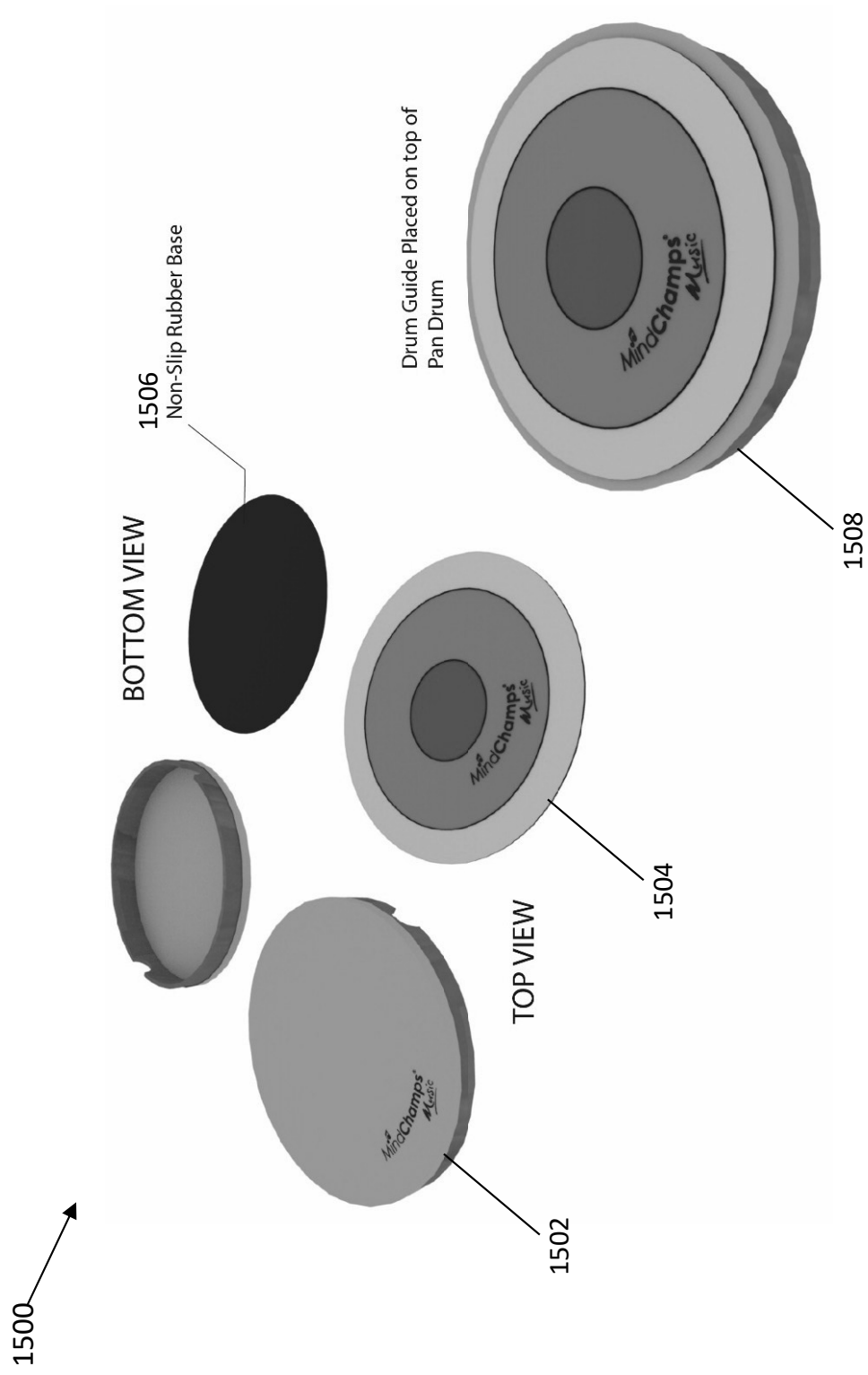
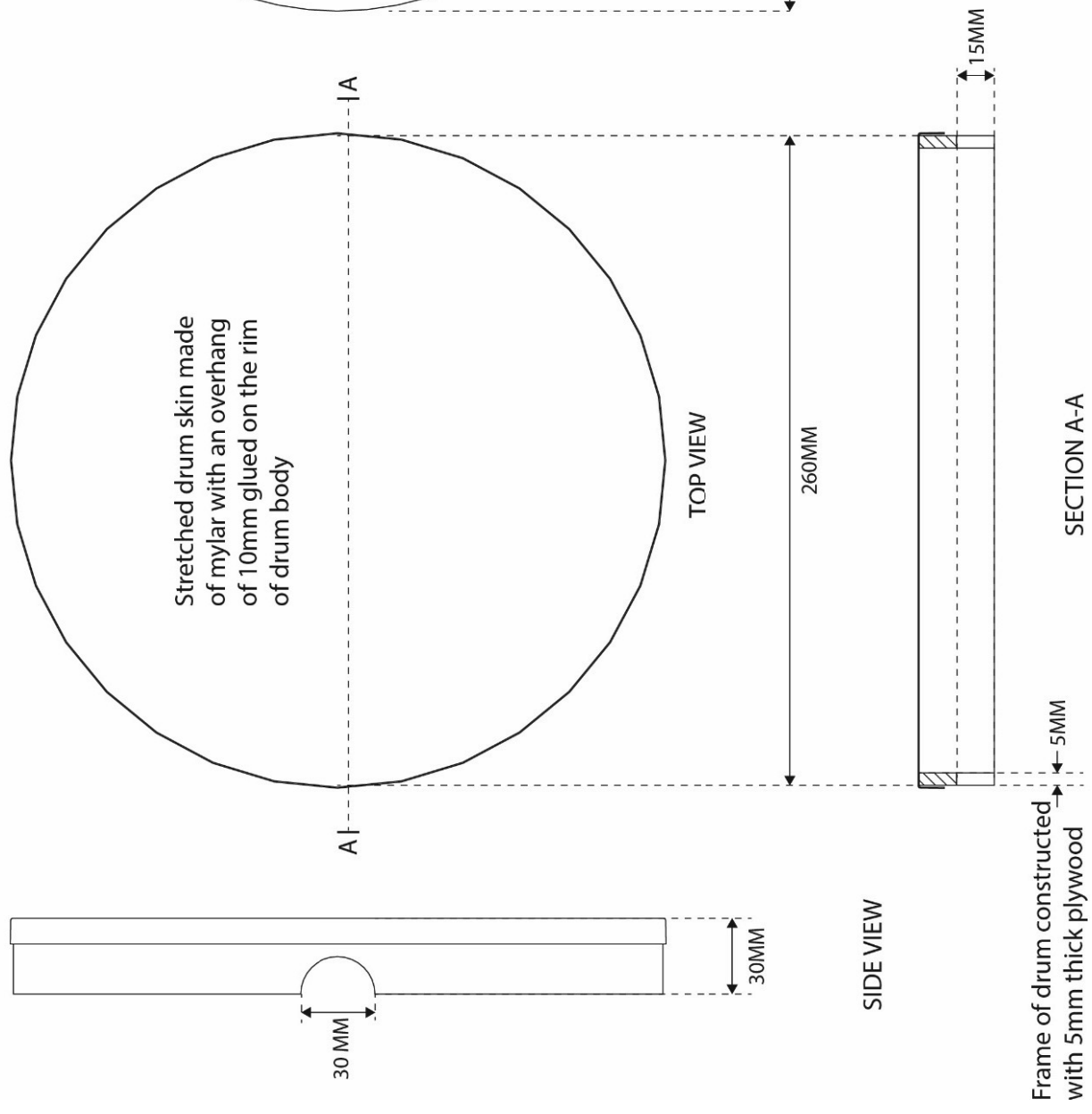


Figure 15A

PAN DRUM GUIDE

PAN DRUM



Circular mat with printed surface according to educational chart and a non-slip rubber base
Can be placed on top of pan drum, floor or table



Figure 15B

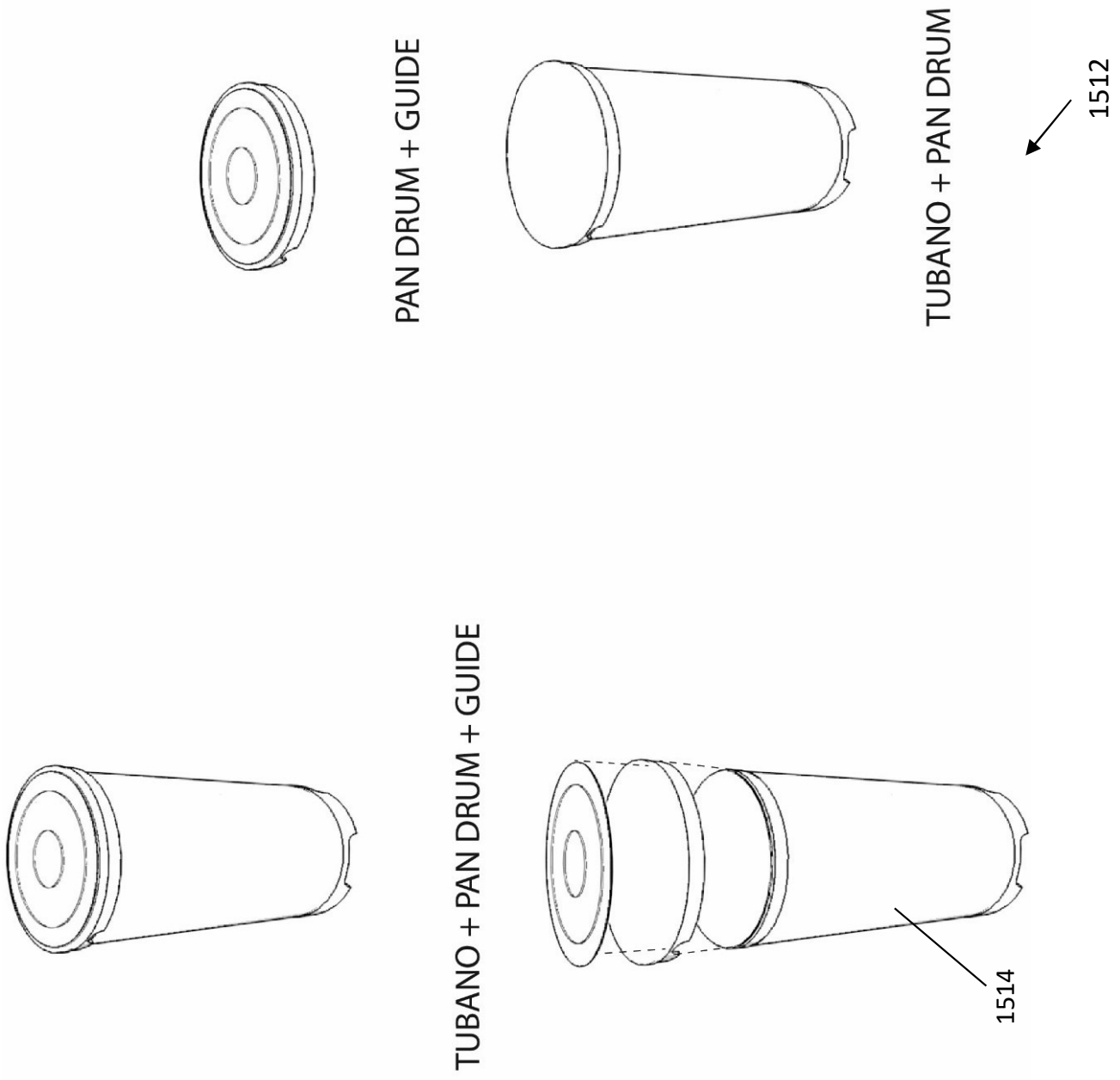


Figure 15C

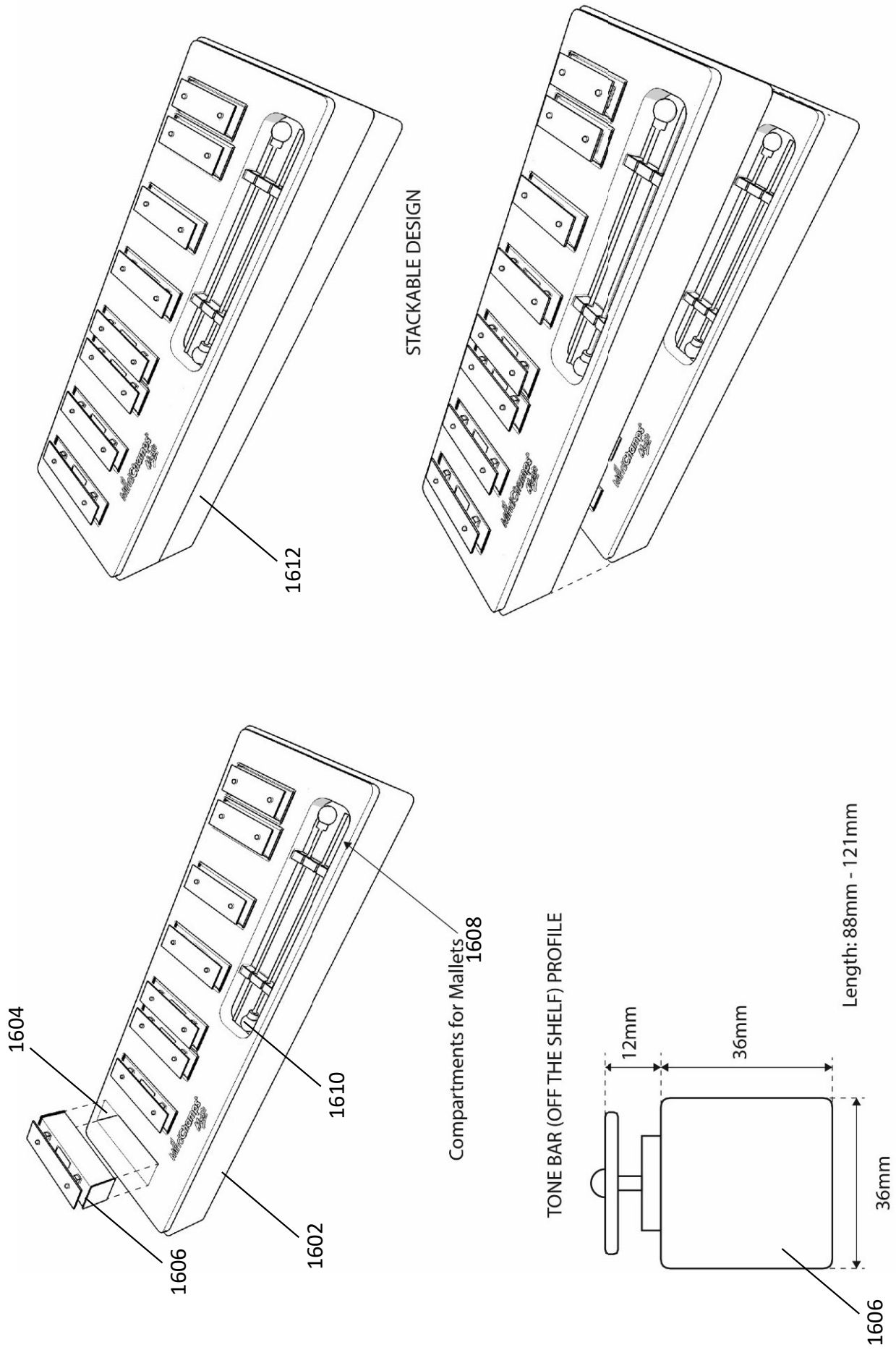
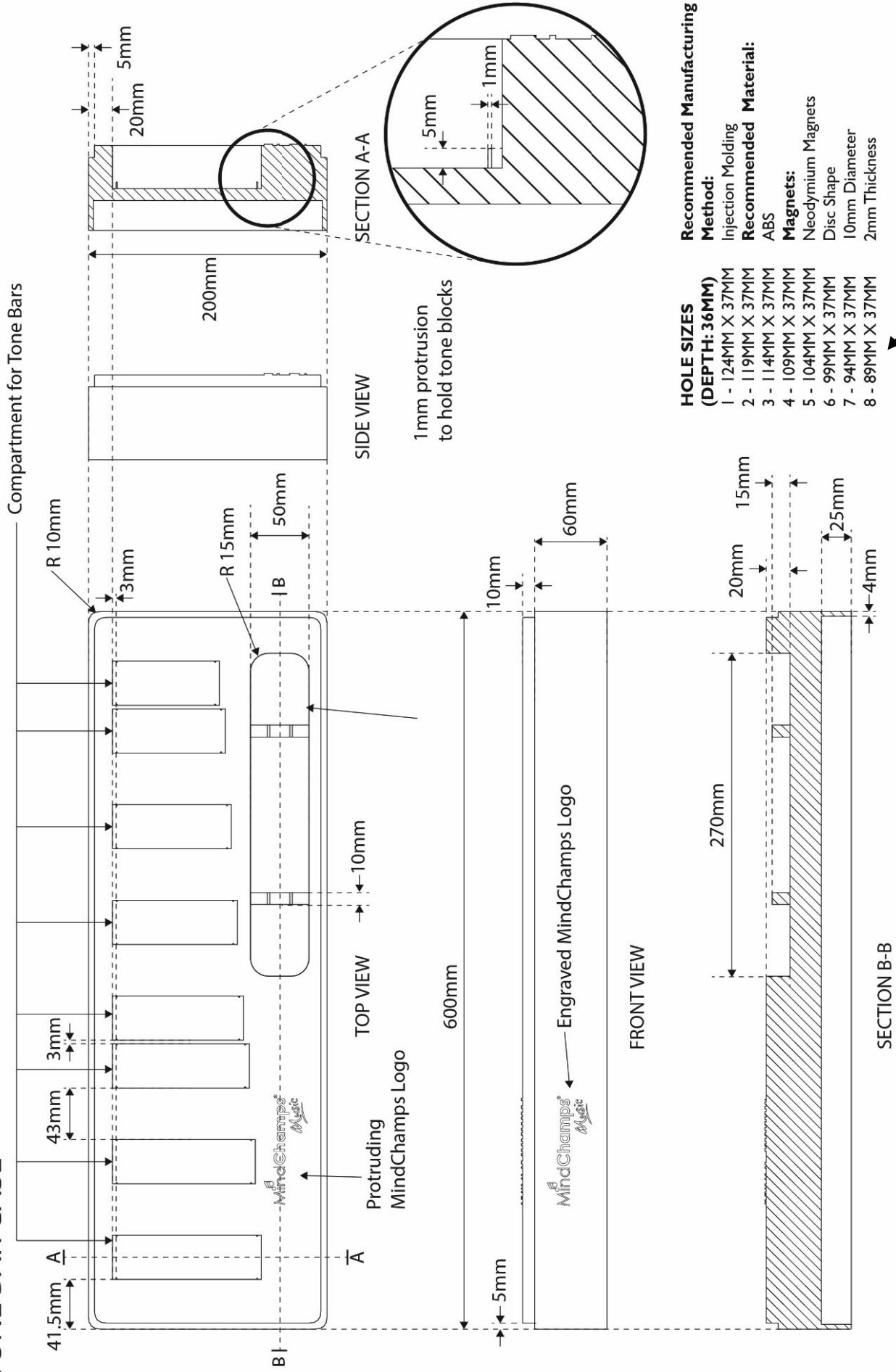


Figure 16A

TONE BAR CASE



HOLE SIZES (DEPTH: 36MM)

- 1 - 124MM X 37MM
- 2 - 119MM X 37MM
- 3 - 114MM X 37MM
- 4 - 109MM X 37MM
- 5 - 104MM X 37MM
- 6 - 99MM X 37MM
- 7 - 94MM X 37MM
- 8 - 89MM X 37MM

Recommended Manufacturing Method: Injection Molding

Recommended Material: ABS

Magnets: Neodymium Magnets

Disc Shape: 10mm Diameter

2mm Thickness

1612

Figure 16B

1614

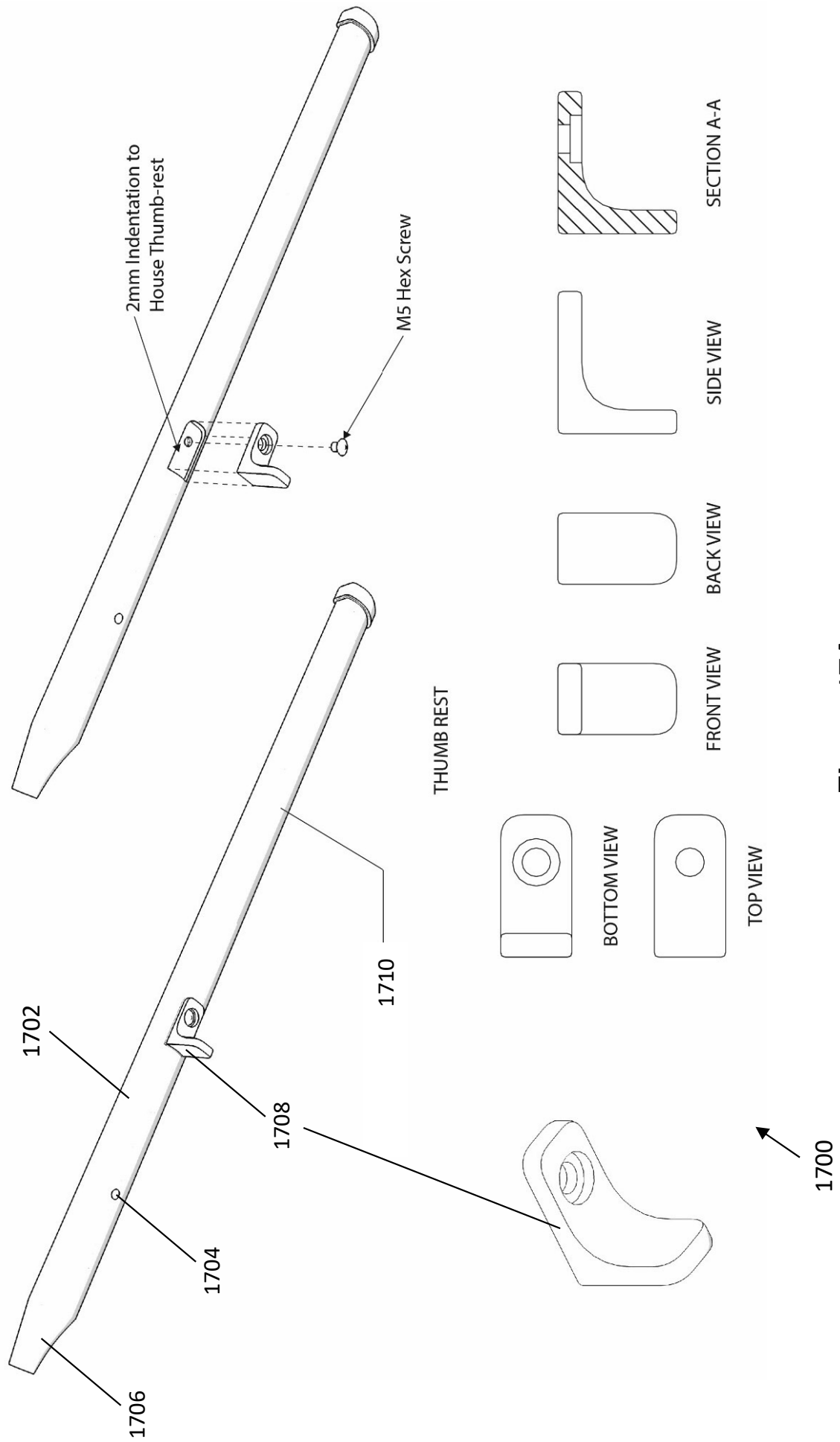


Figure 17A

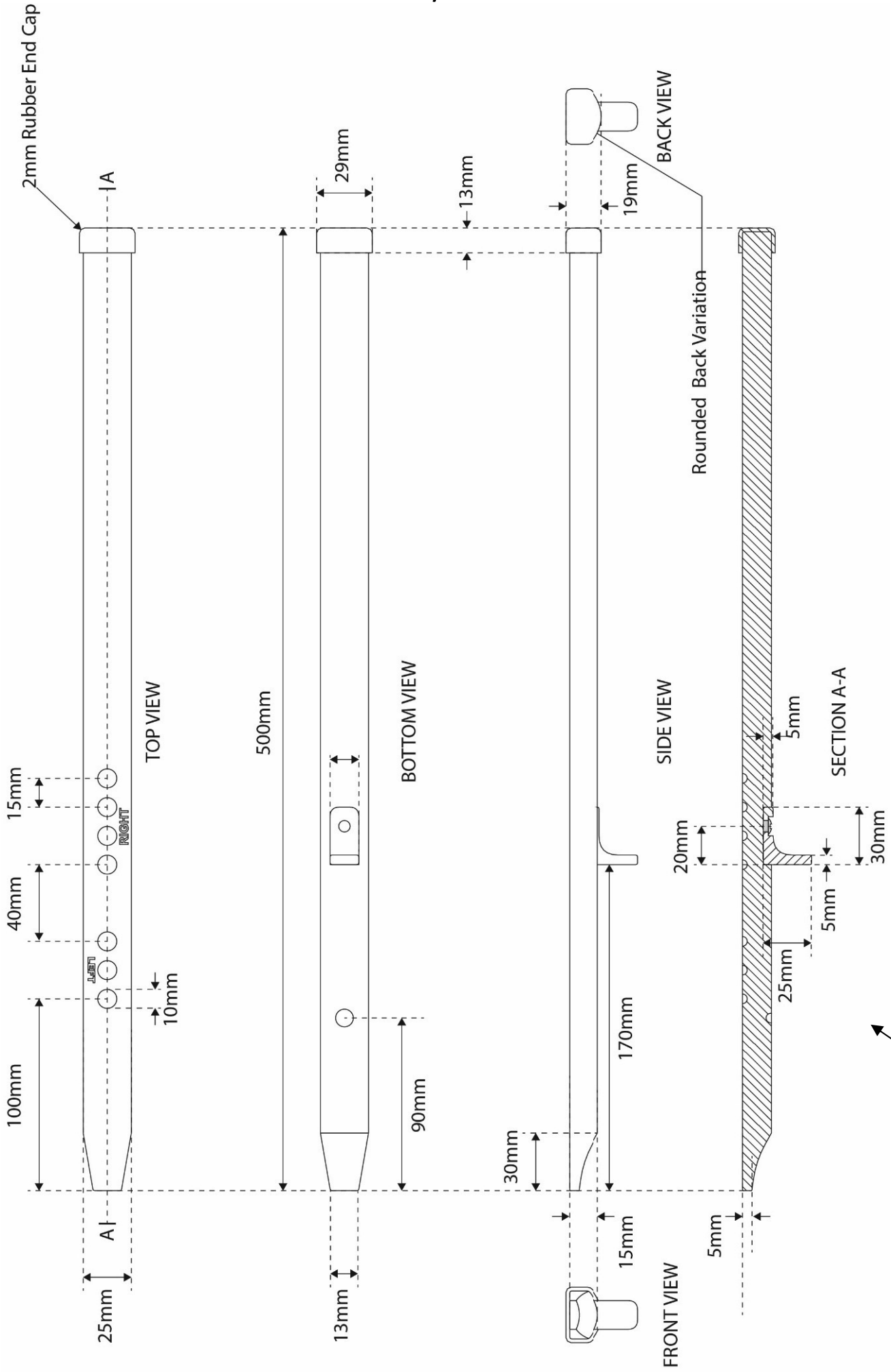


Figure 17B

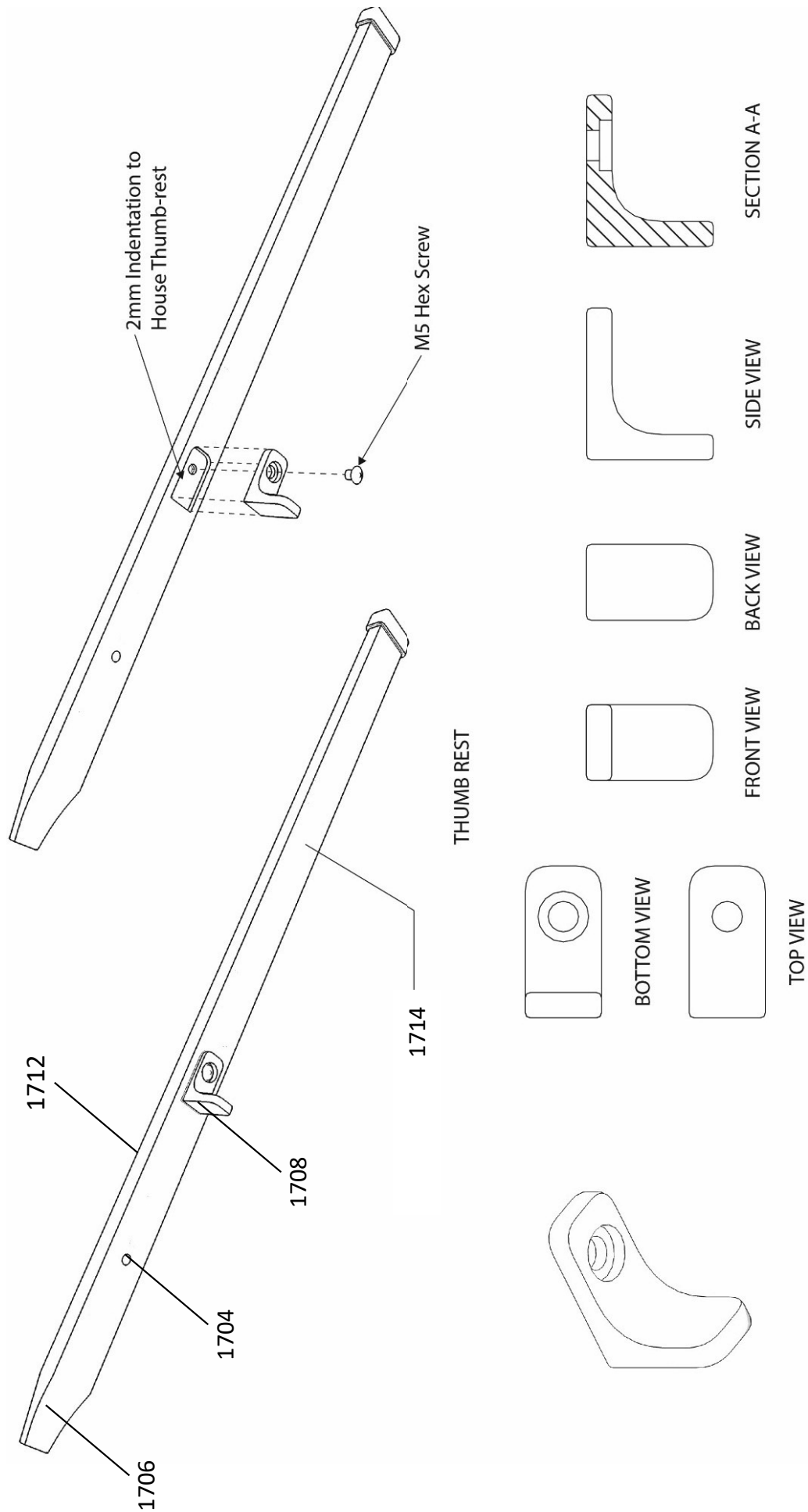


Figure 17C

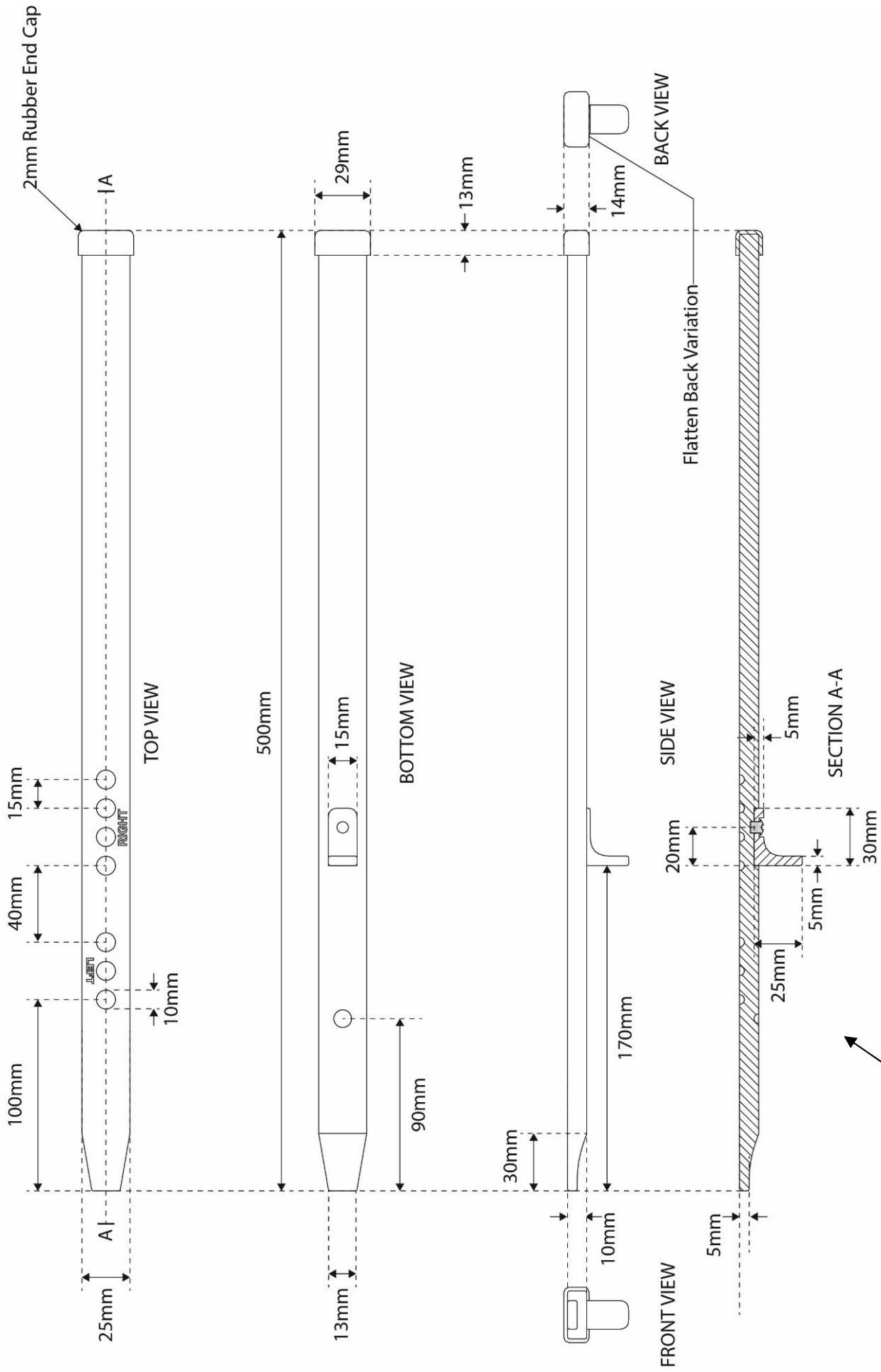


Figure 17D

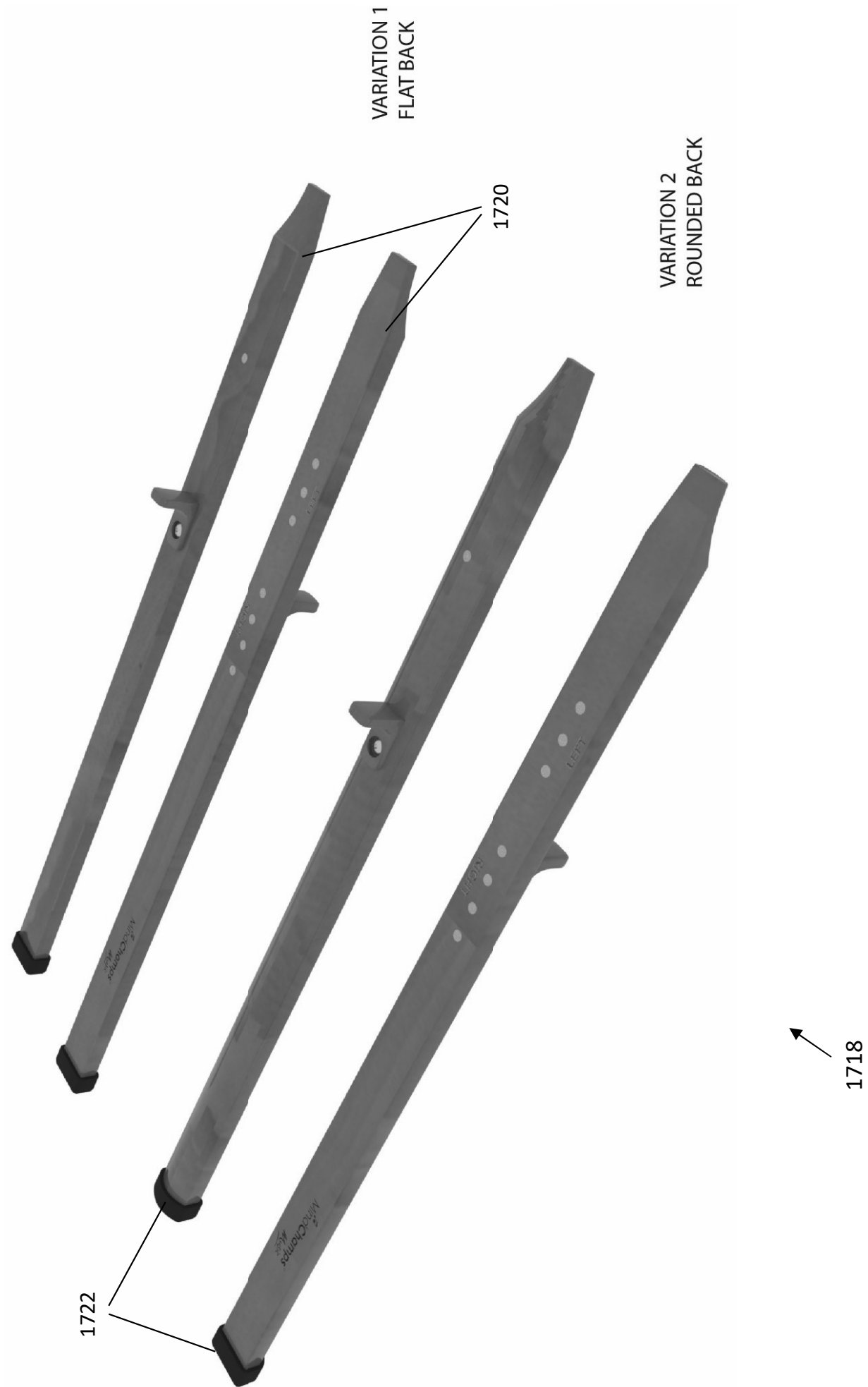


Figure 17E

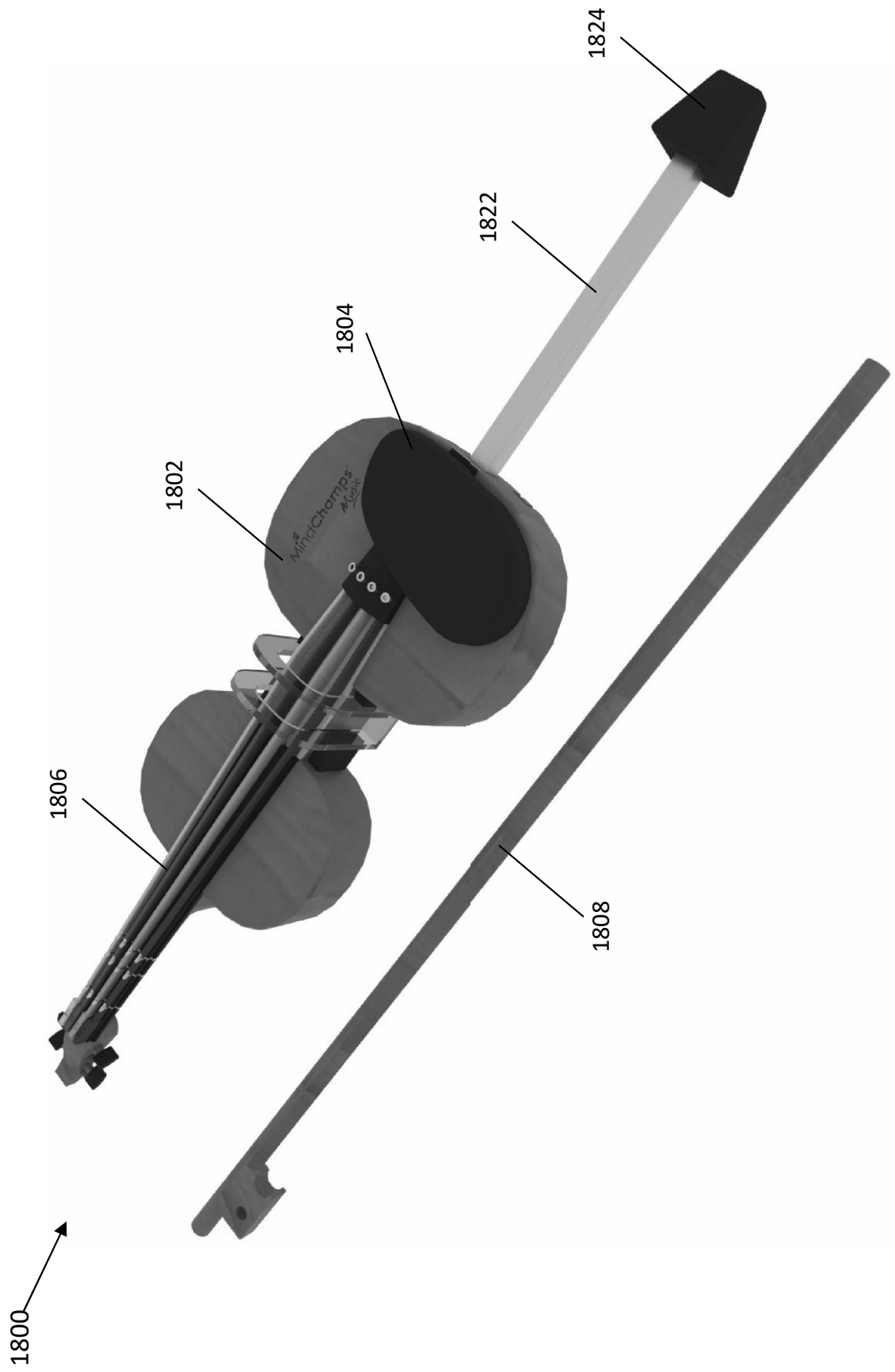


Figure 18A

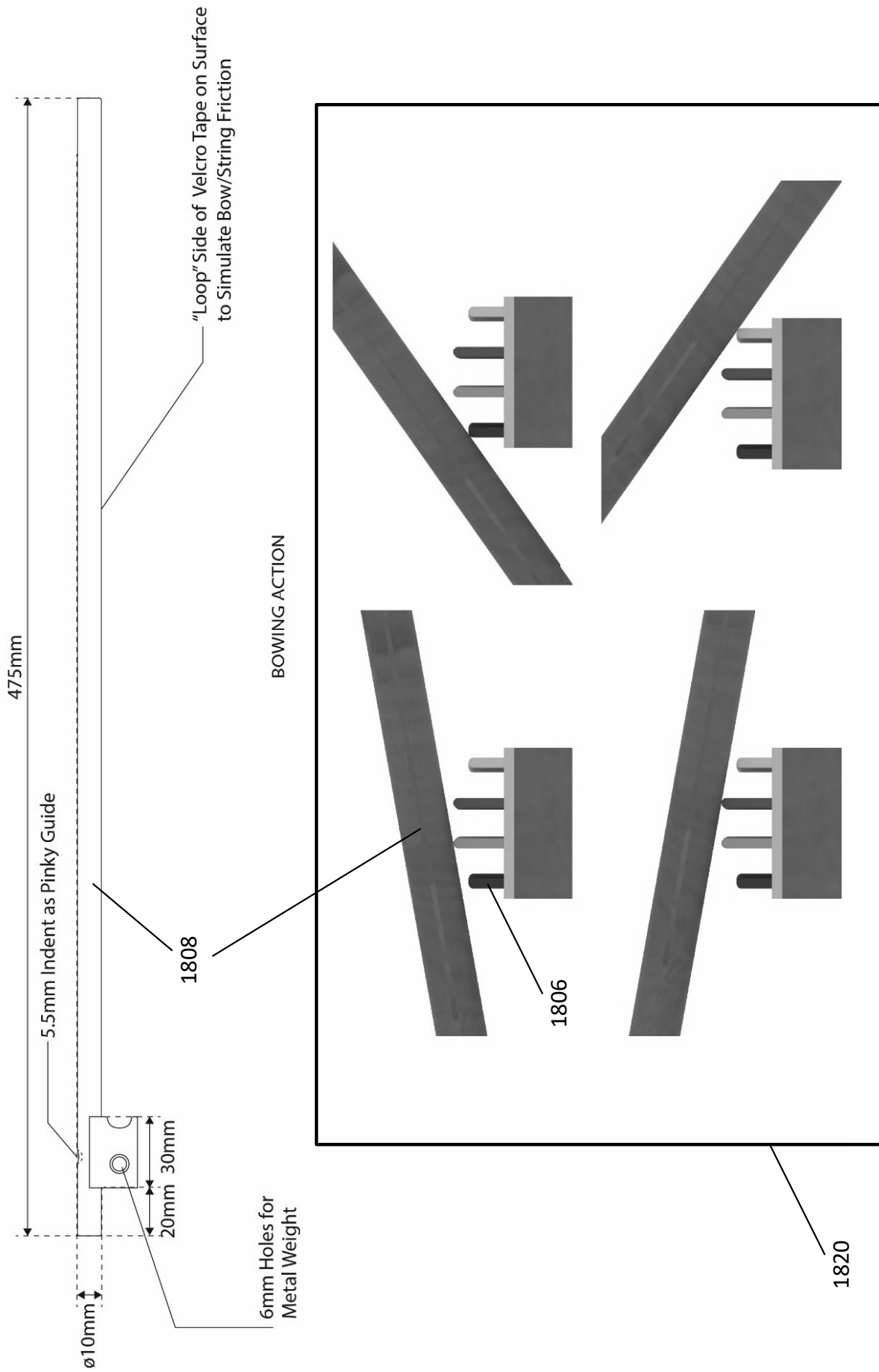


Figure 18B

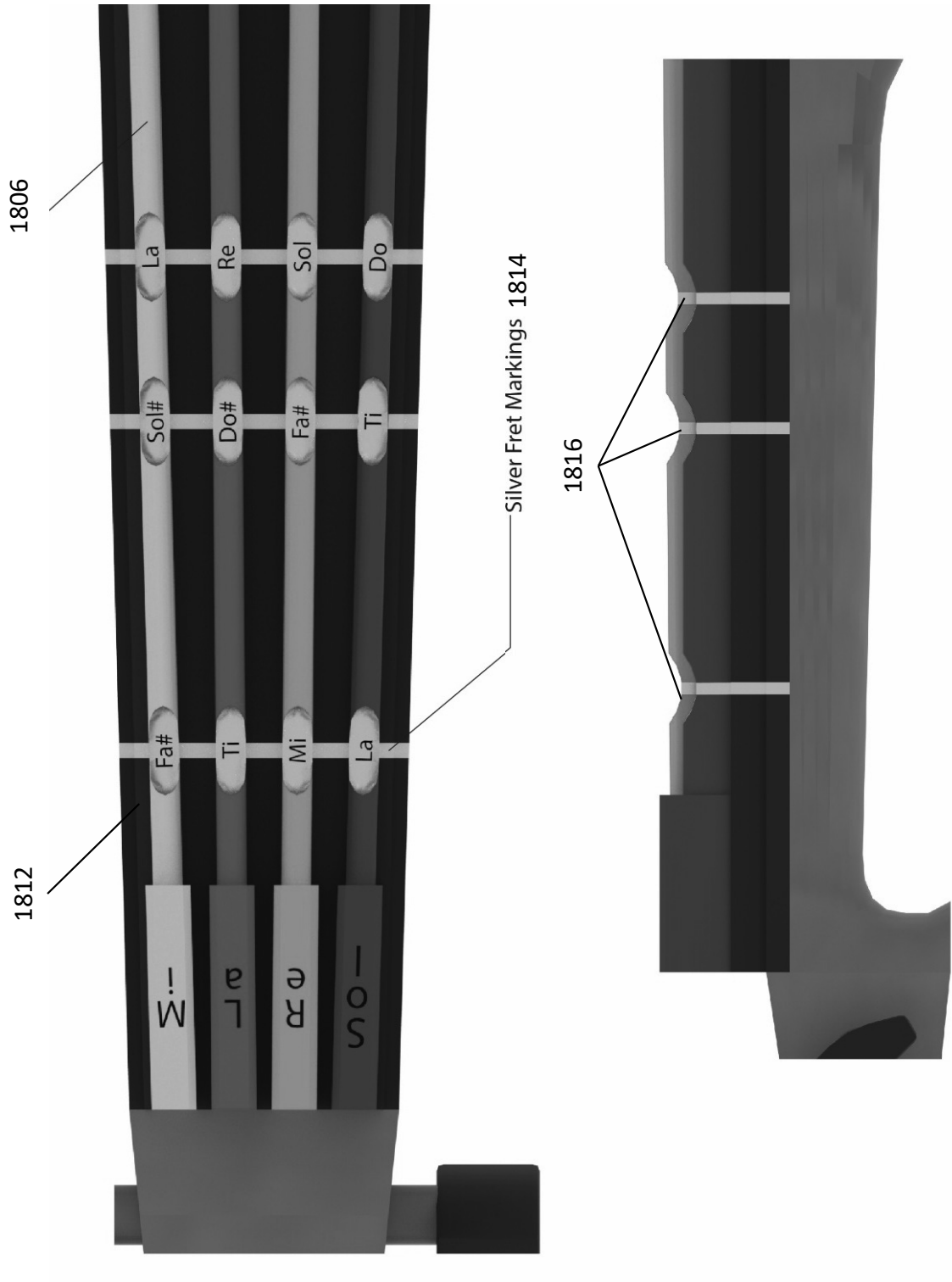


Figure 18C

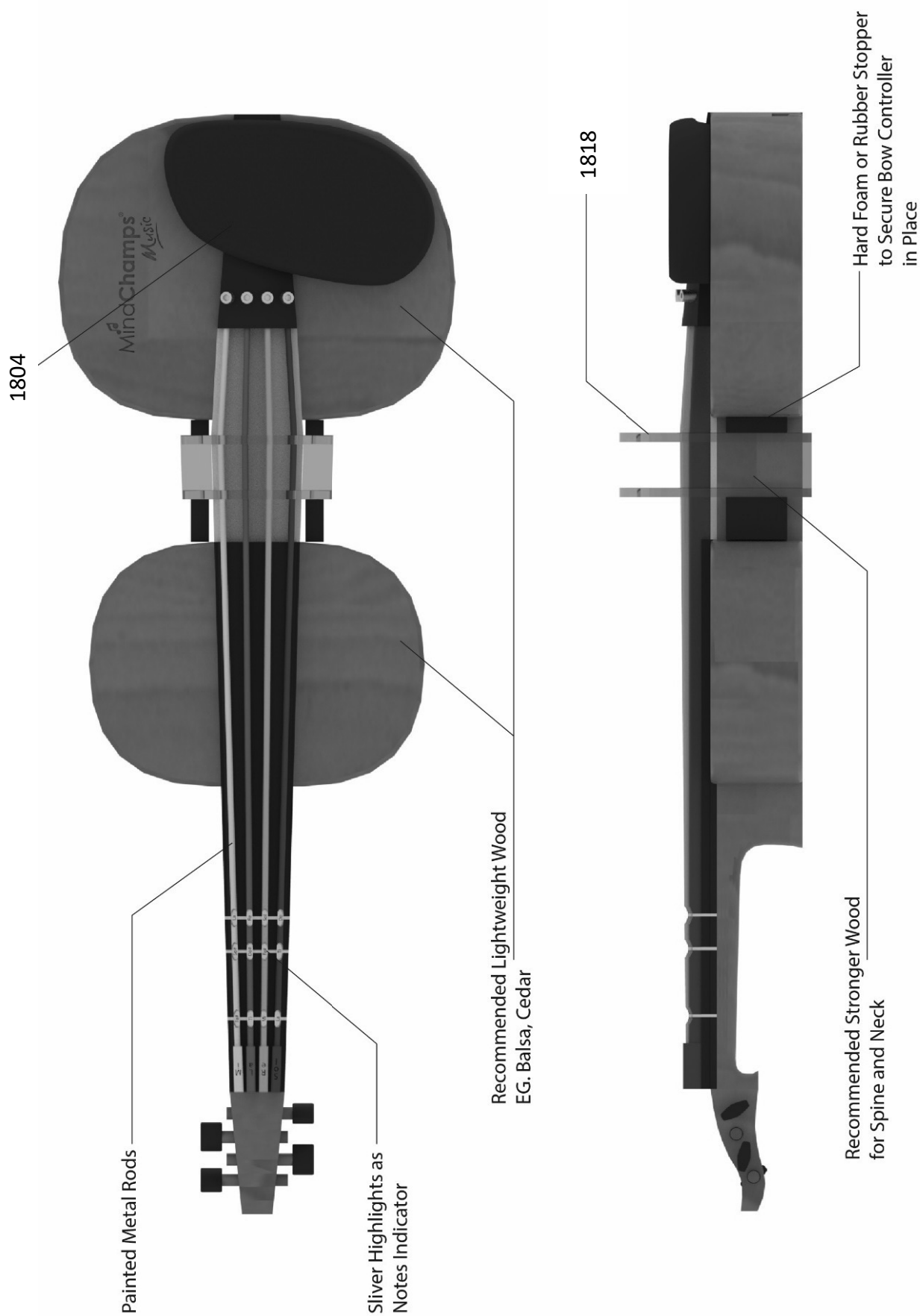


Figure 18D

PROTO-VIOLIN

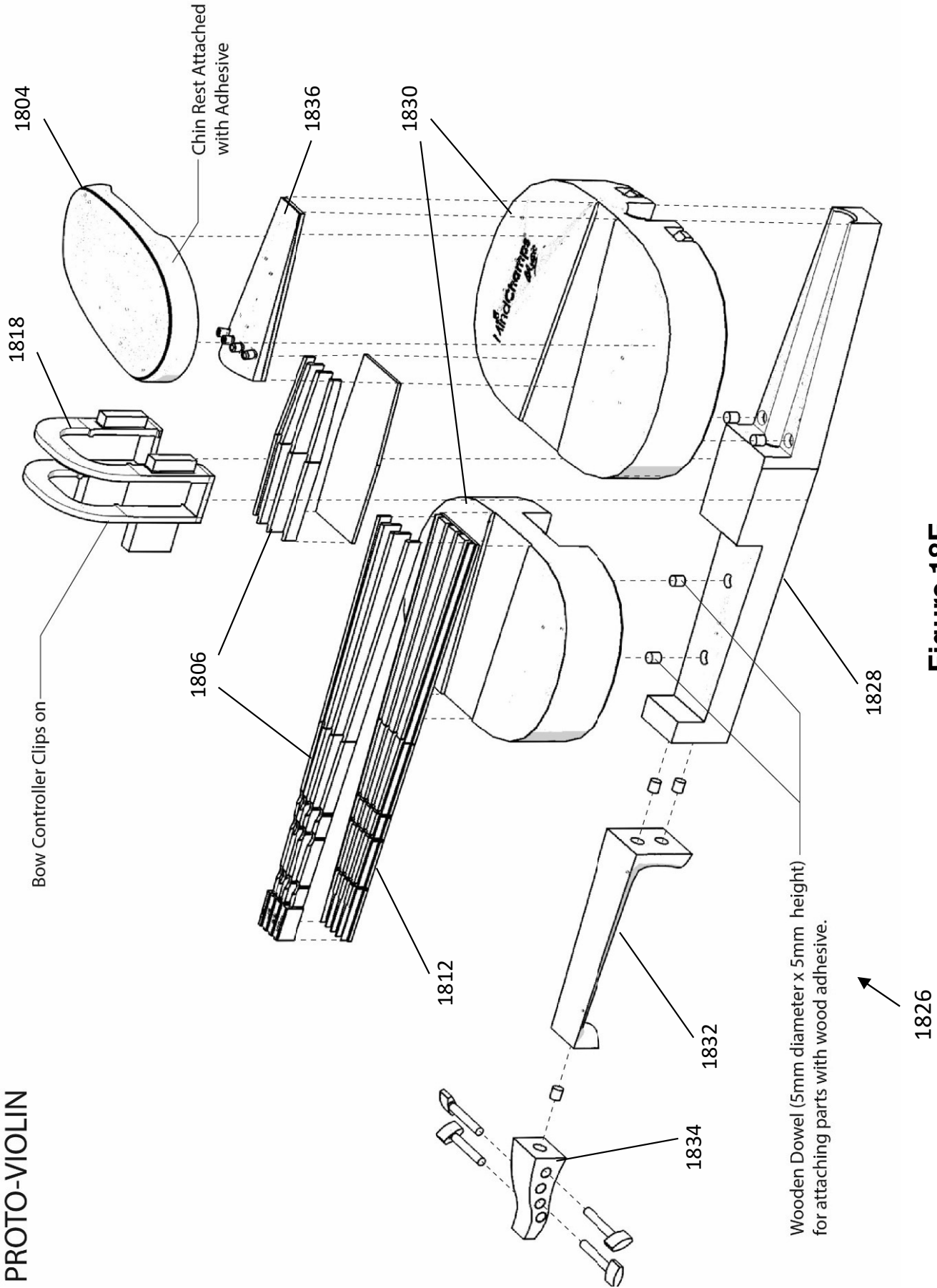


Figure 18E



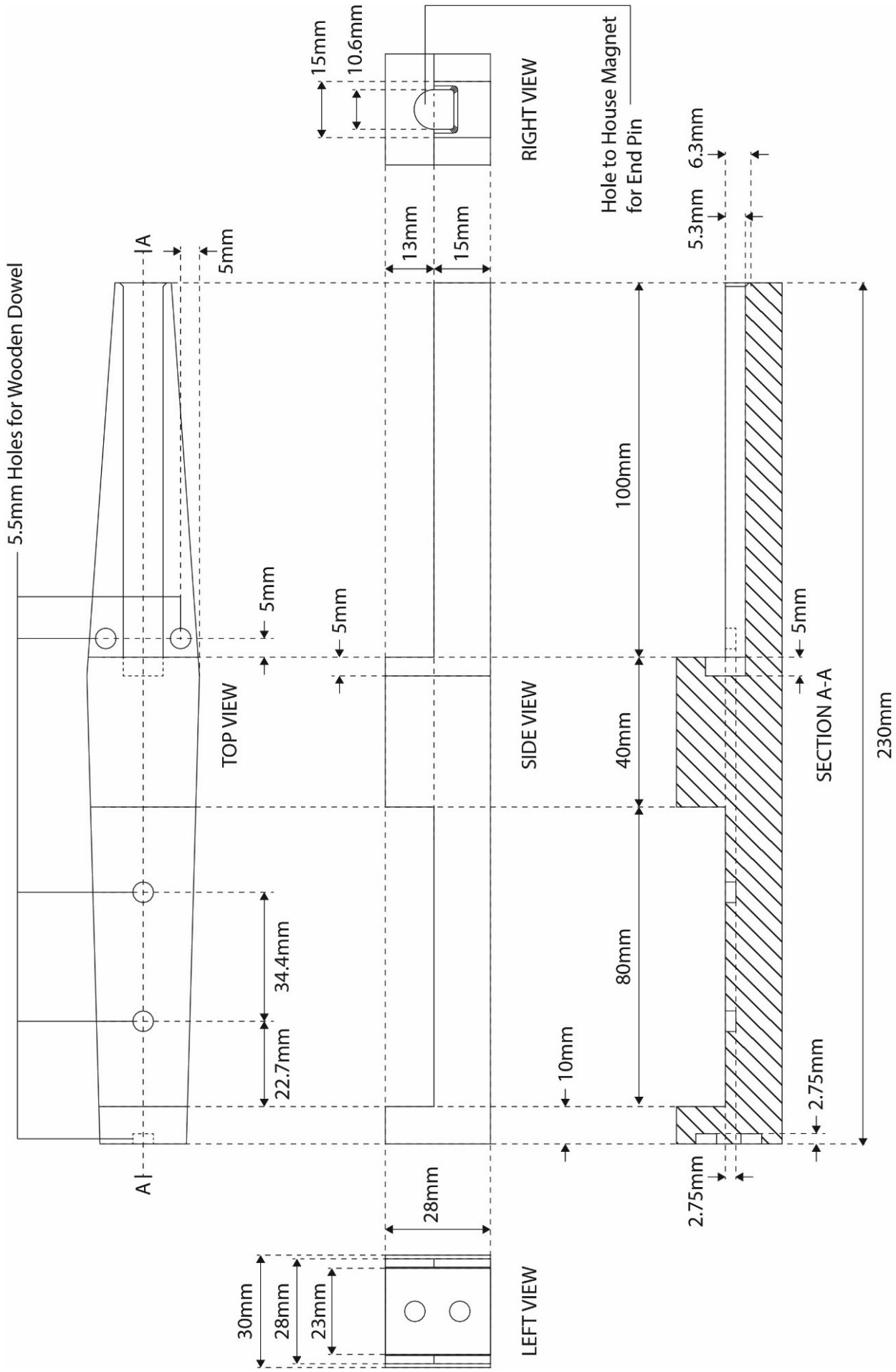


Figure 18G

1840

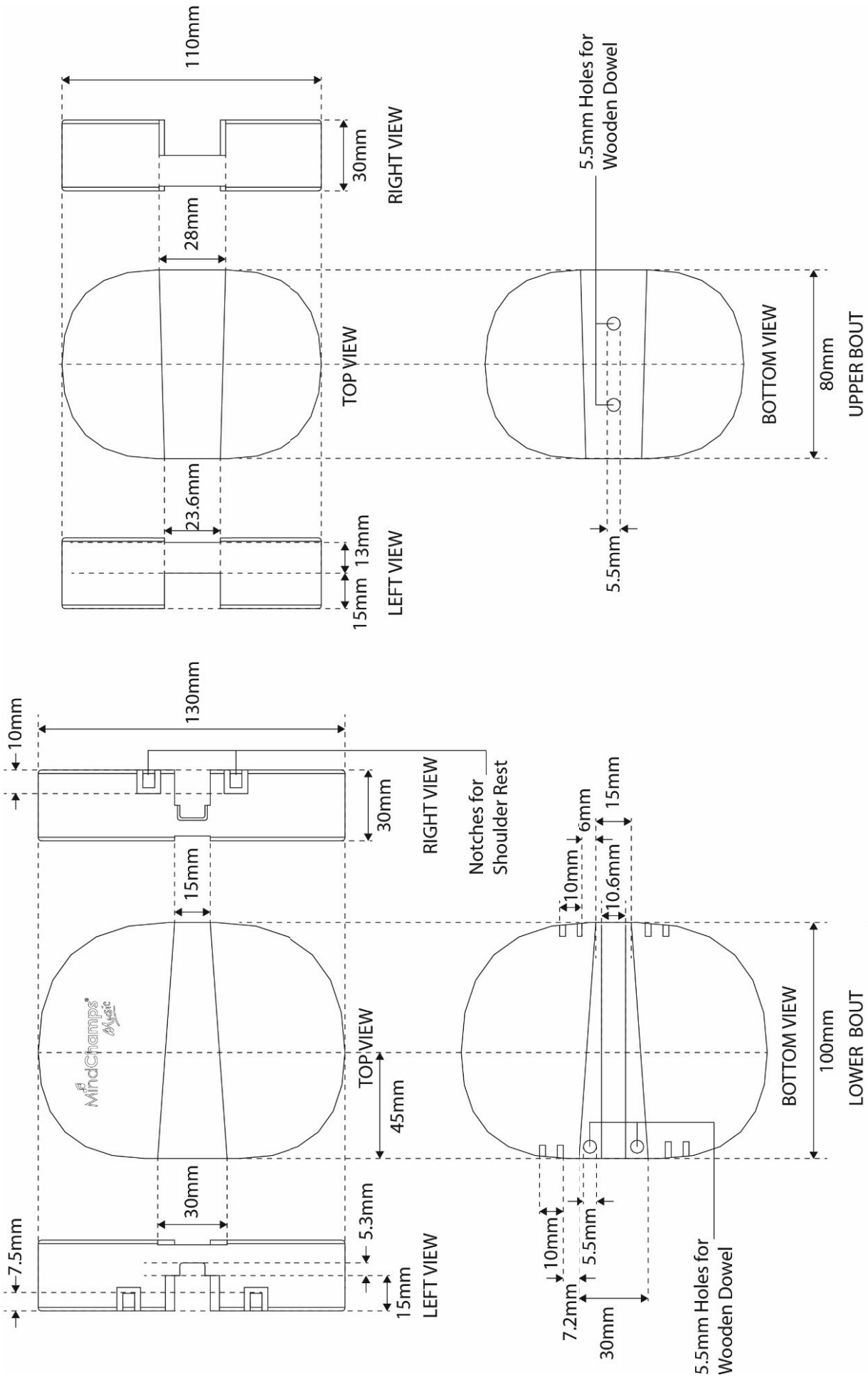


Figure 18H

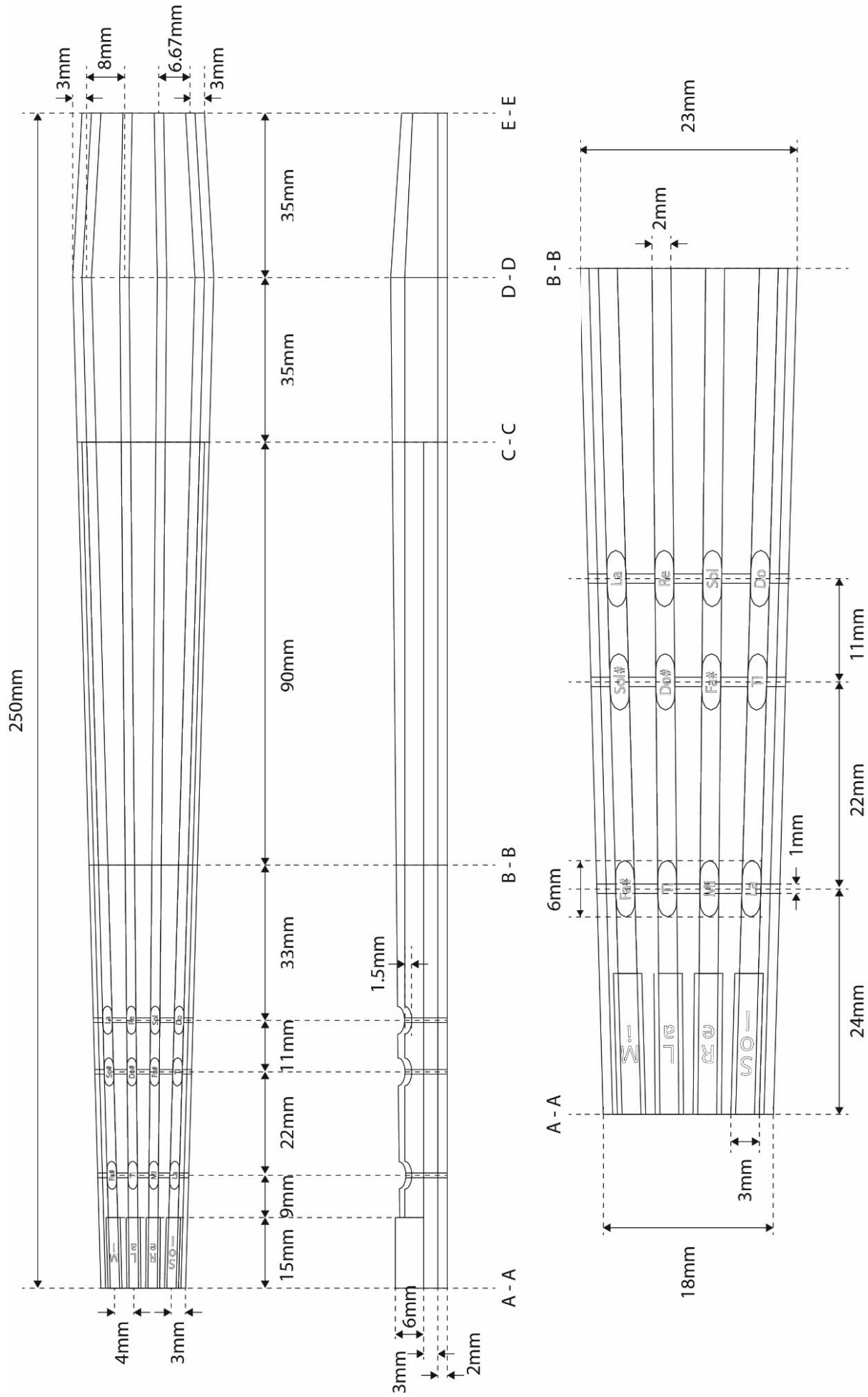


Figure 18I

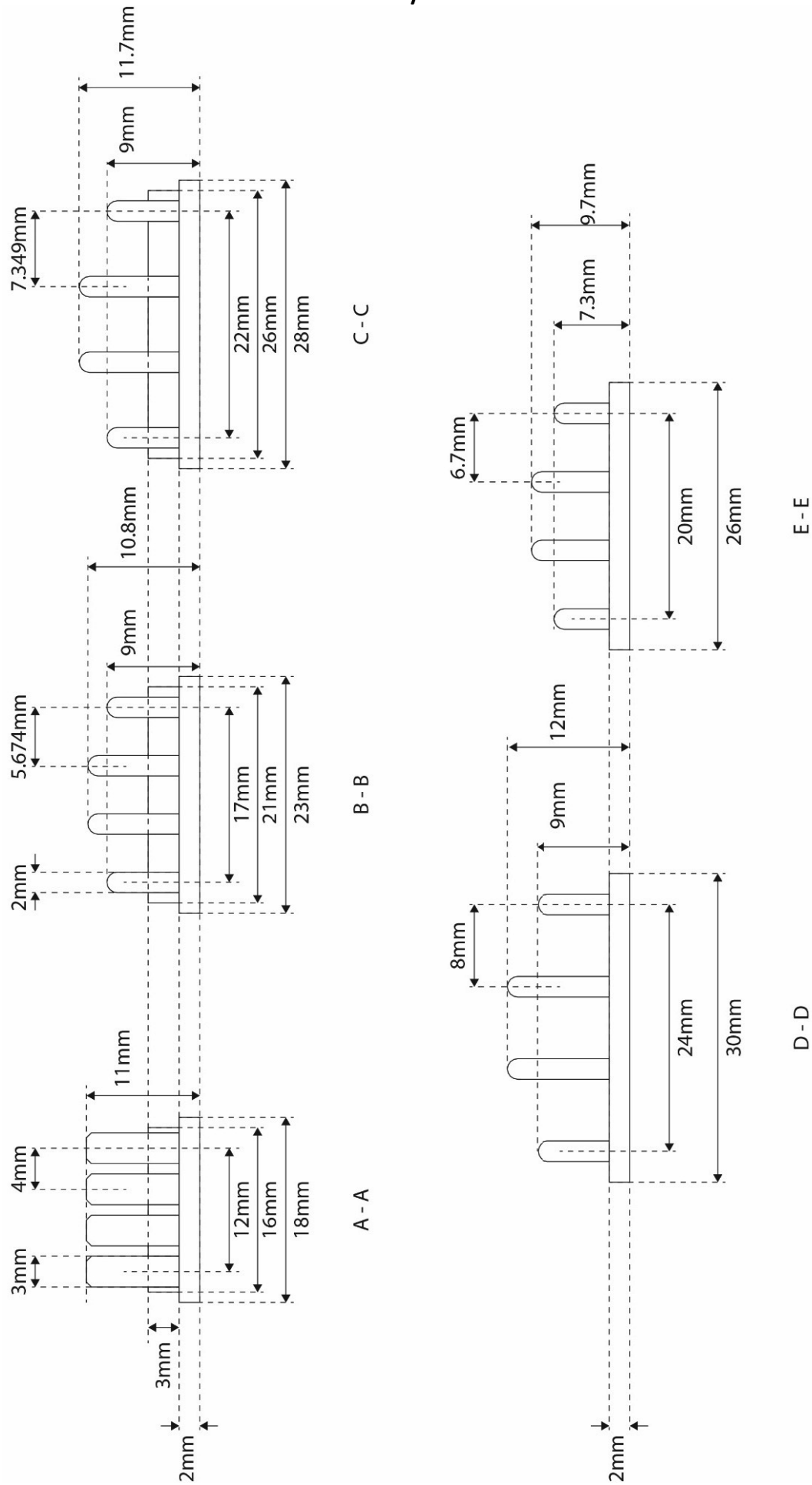


Figure 18J

1846

PROTO-VIOLIN (NECK & PEG BOX)

PEG BOX

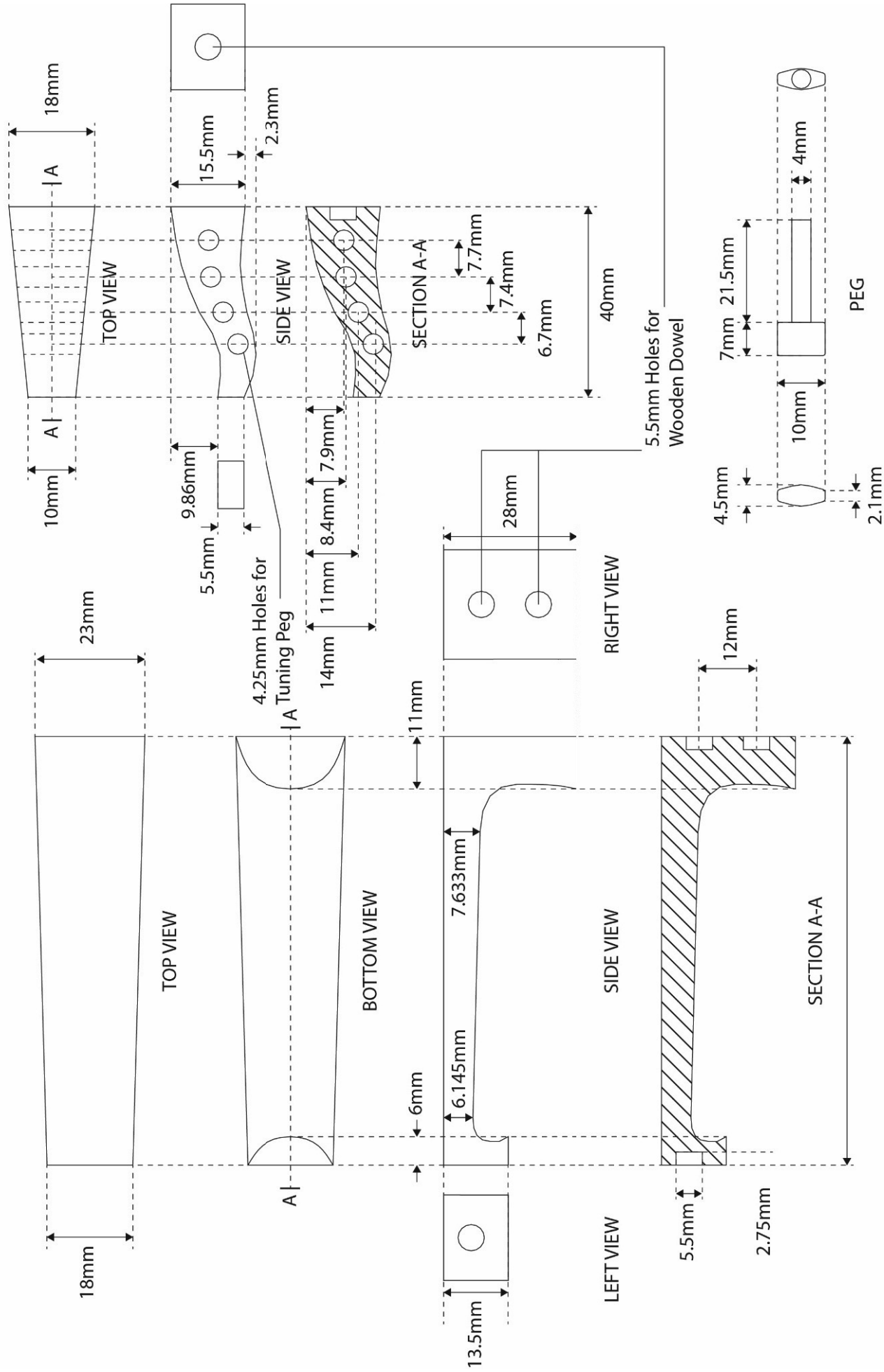


Figure 18K

1848

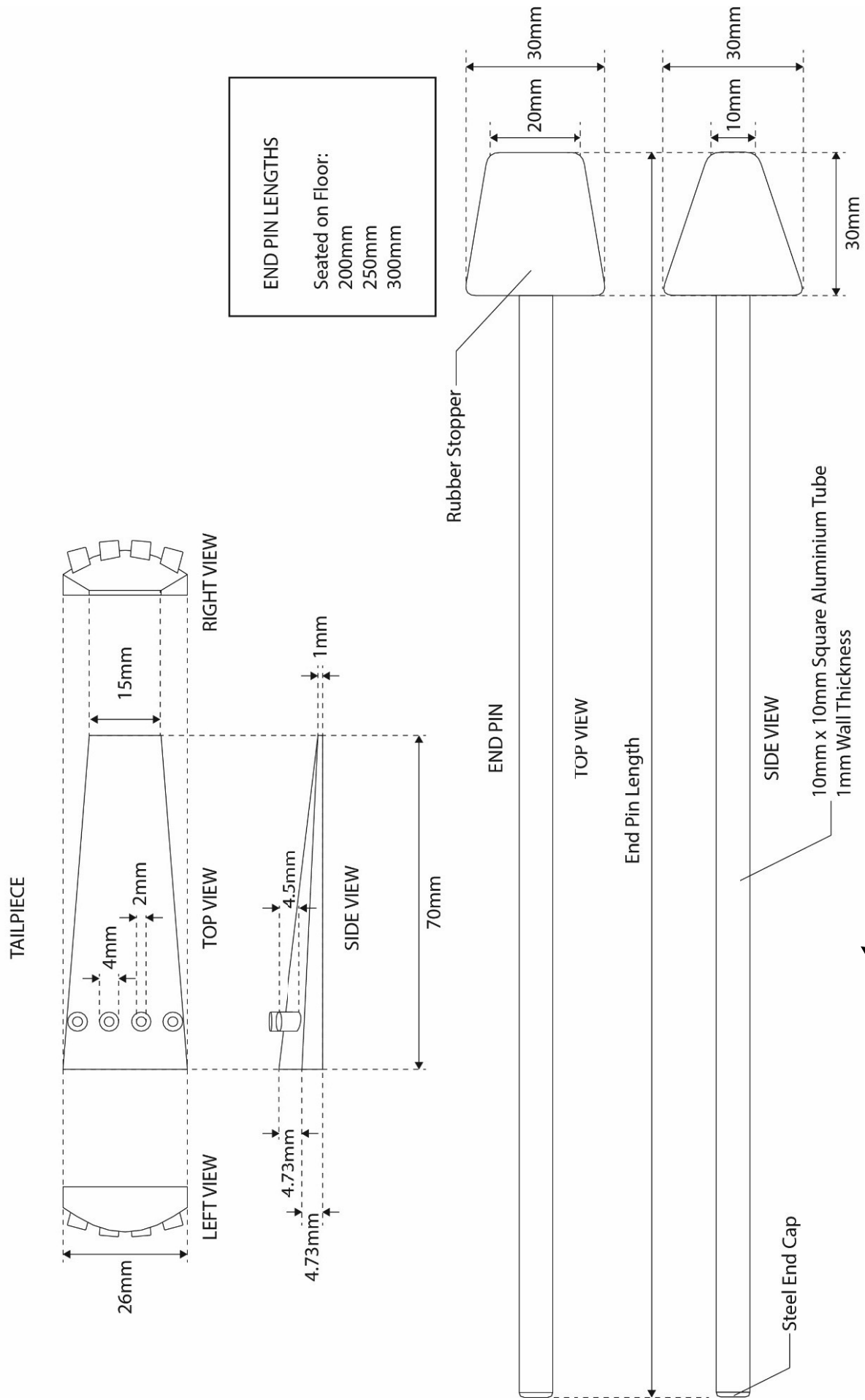


Figure 18L

1850

PROTO-VIOLIN (CHIN REST & BOW CONTROLLER)

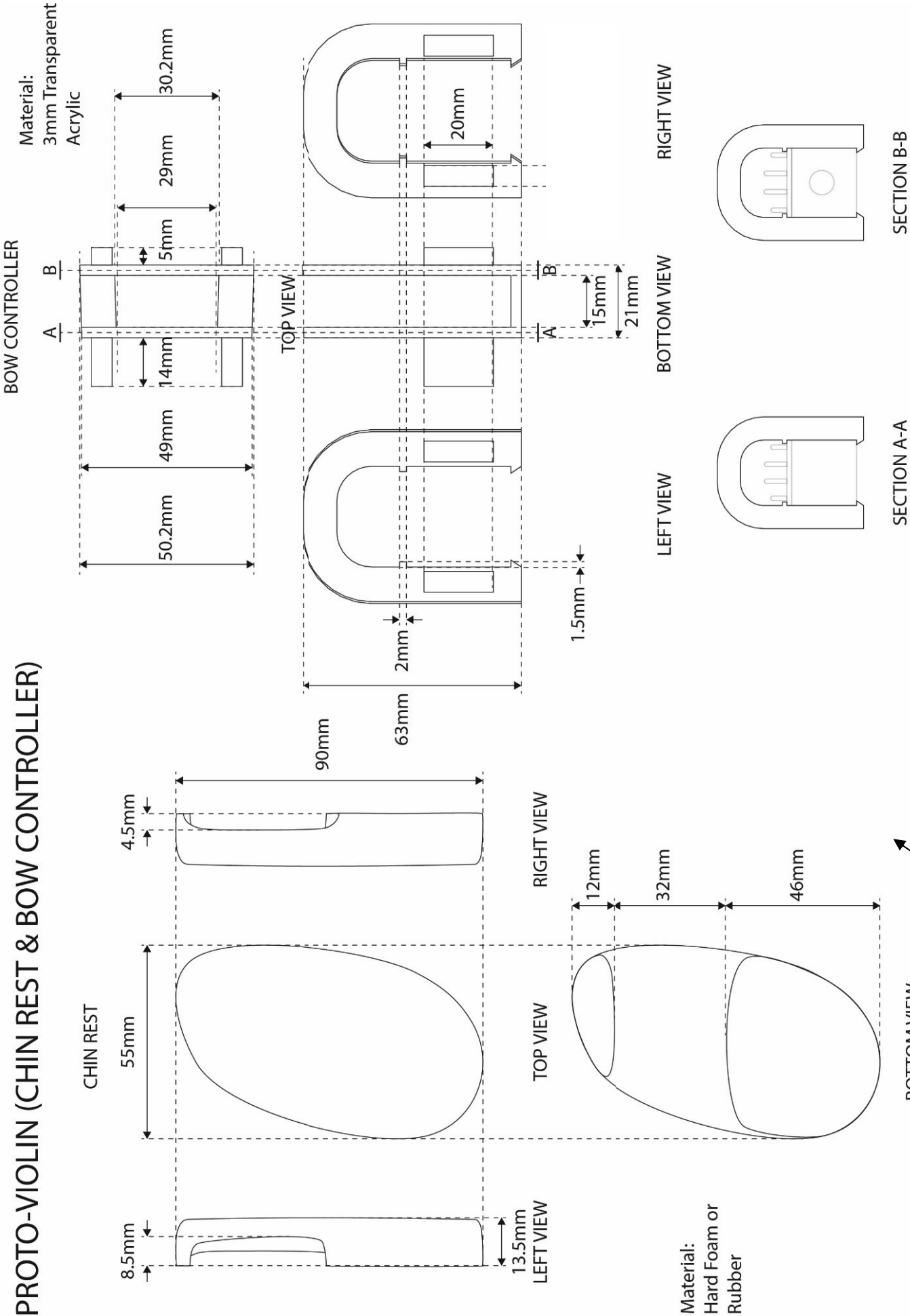


Figure 18M

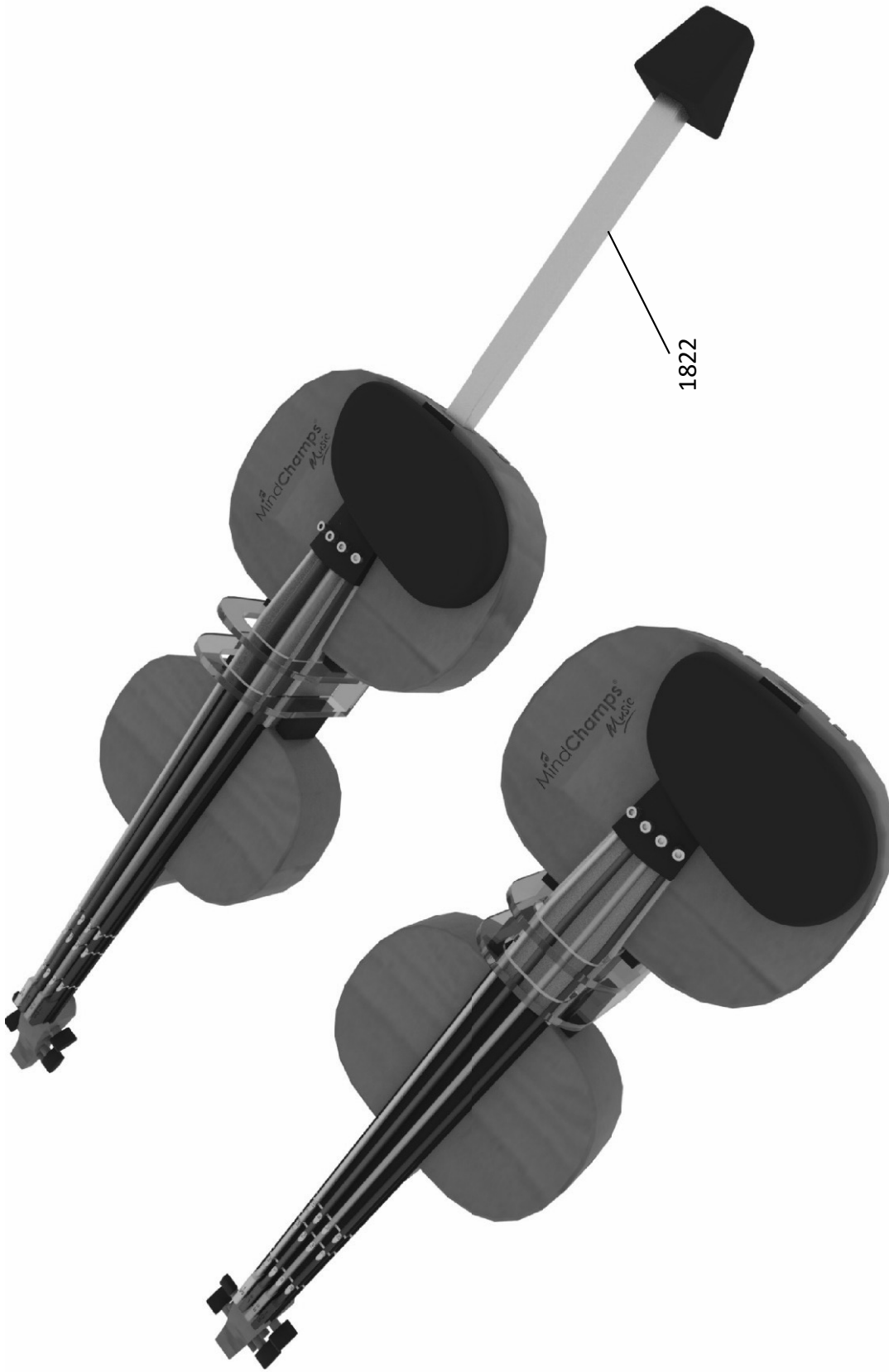


Figure 18N

1900

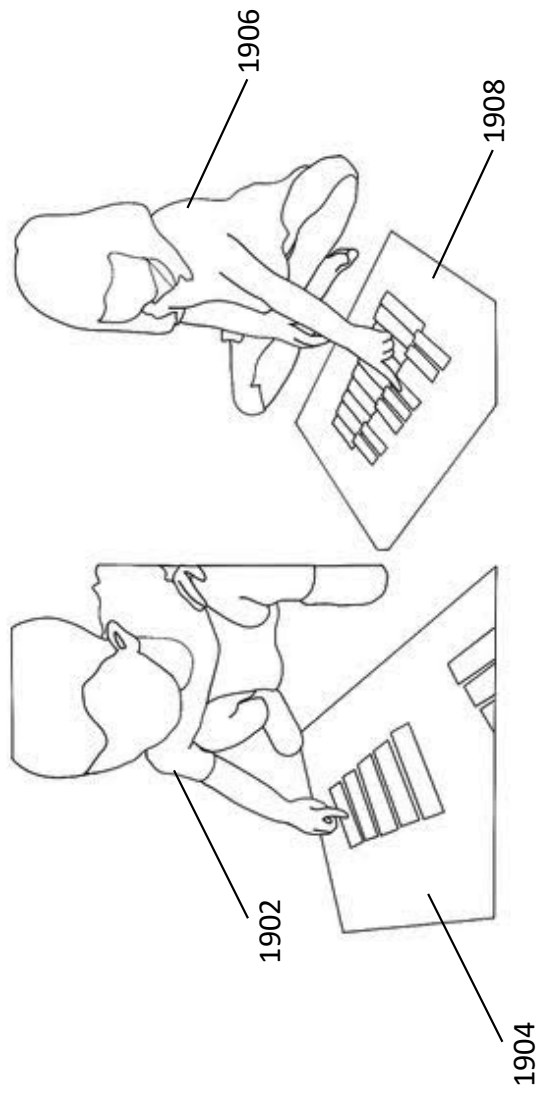


Figure 19

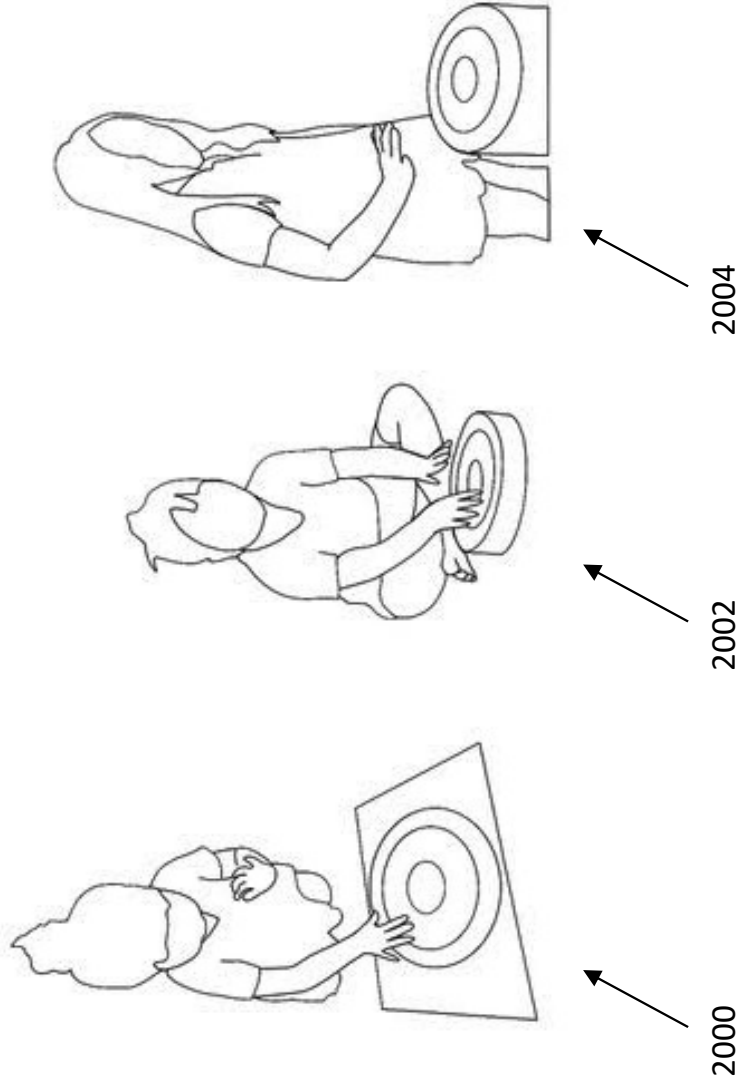


Figure 20



Figure 21

Example 'Clap and Drum' Rhythm Performance Task from the MCM MMLSPAS (ages 5-6)

		taki	cha
taki			
		takadimi	cha

Example 'Sing and Play' Pitch Performance Task (using MusicDots on the Magnetic MatrixBoard)

8	Do
7	Tl _L
6	La
5	Sol
4	Fa
3	Mi
2	Re
1	Do

Figure 22