

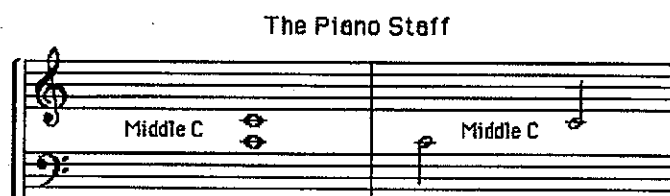
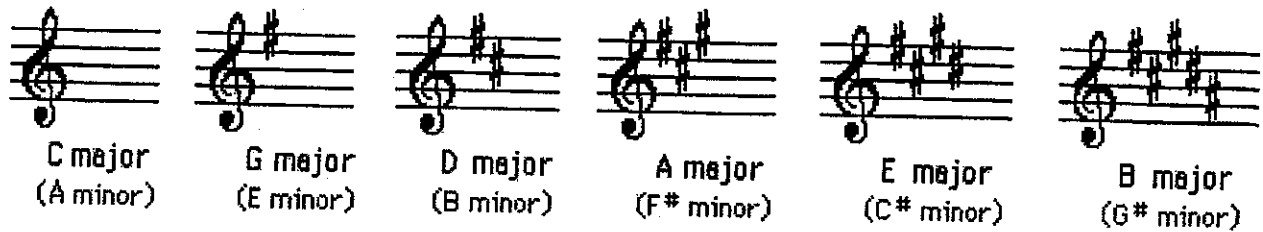
**Fig._1A (Prior Art)****Fig._1B (Prior Art)**

Fig. 1C (Prior Art)

Half-step	1	2	3	4	5	6	7	8	9	10	11	12
KEY	C	C#	D	D#	E	F	F#	G	G#	A	A#	B
C	1		2		3	4		5		6		7
D		7	1		2		3	4		5		6
E		6		7	1		2		3	4		5
F	5		6		7	1		2		3	4	
G	4		5		6		7	1		2		3
A		3	4		5		6		7	1		2
B		2		3	4		5		6		7	1

Fig. 2A**MAPPING FOR KEY REFERENCE C=1**

WESTERN	C	D	E	F	G	A	B
NUMERIC	1	2	3	4	5	6	7

Fig. 2B**MAPPING FOR KEY REFERENCE E=1**

WESTERN	E	F#	G#	A	B	C#	D#
NUMERIC	1	2	3	4	5	6	7

Fig. 2C

	C	C#	D	D#	E	F	F#	G	G#	A	A#	B	C	C#	D	D#	E
C major	1		2		3	4		5		6		7	1'		2'		3'
D major			1		2		3	4		5		6		7	1'		2'
E major					1		2		3	4		5		6		7	1'

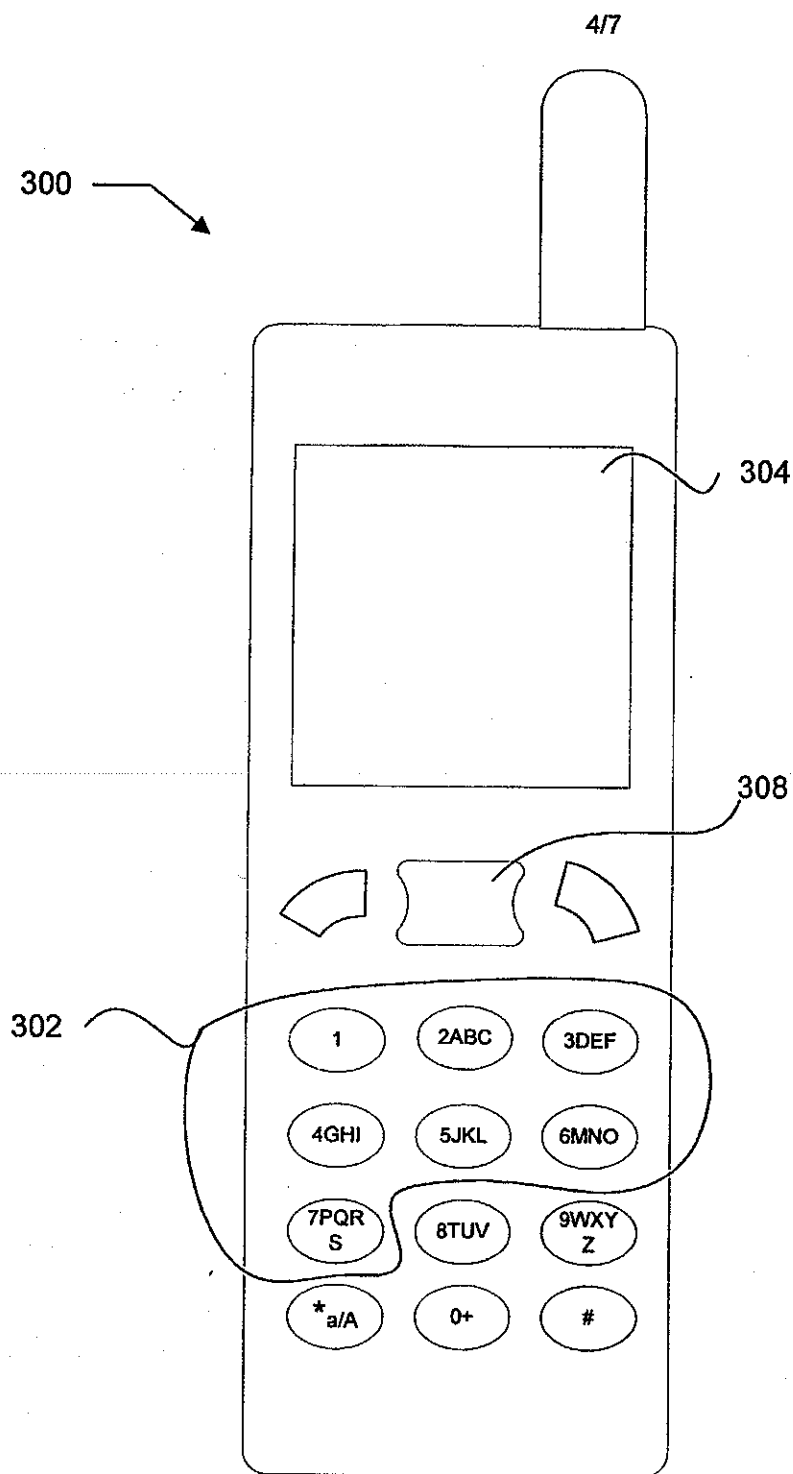
Fig. 2D

	C	C#	D	D#	E	F	F#	G	G#	A	A#	B	C	C#	D	D#	E
C major	1	1#	2	2#	3	4	4#	5	5#	6	6#	7	1'	1'#	2'	2'#	3'
D major			1	1#	2	2#	3	4	4#	5	5#	6	6#	7	1'	1'#	2'
E major					1	1#	2	2#	3	4	4#	5	5#	6	6#	7	1'

Fig. 2E

Western	Numeric	Handheld
Quarter note	X	X
Half note	X-	X-
Whole note	X---	X---
Eighth note	X/	X/
Sixteenth note	X =	X//
32 nd note	X ≡	X///
Dotted note	X•	X.
Octave higher	• X	X'
Octave lower	X •	X,
1/8 rest	0	0/
1/4 rest	0	0
Whole rest	0000	0000

Fig. 2F

**Fig. 3**

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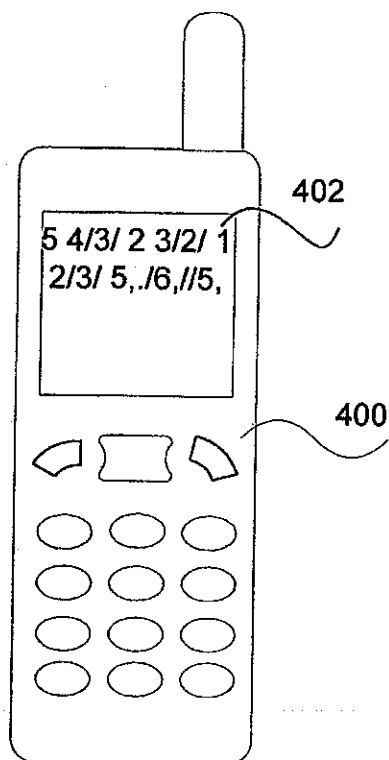


Fig._4A

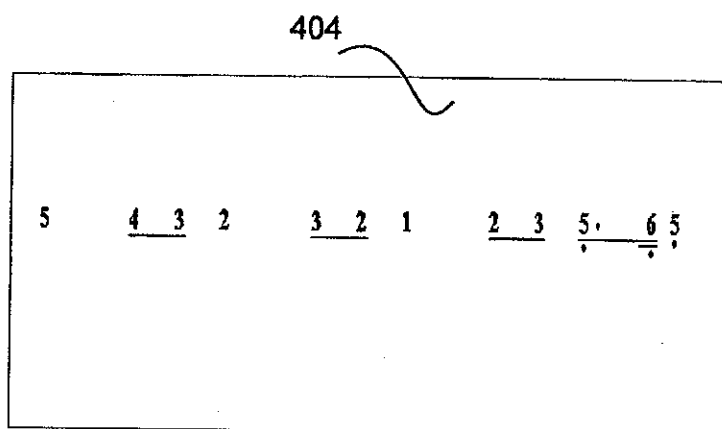
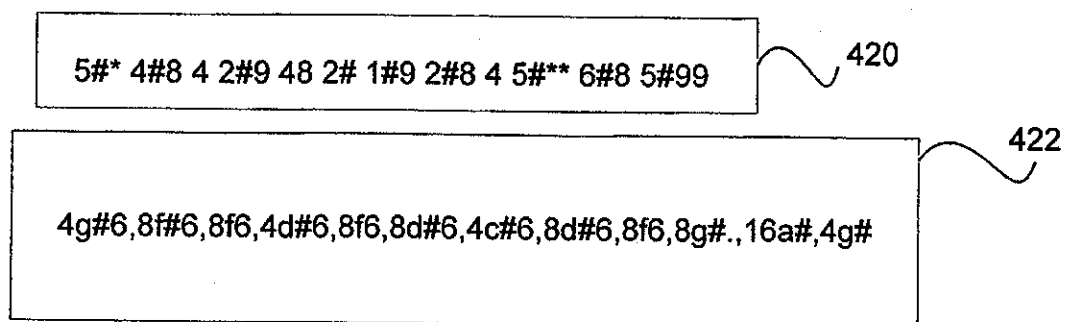
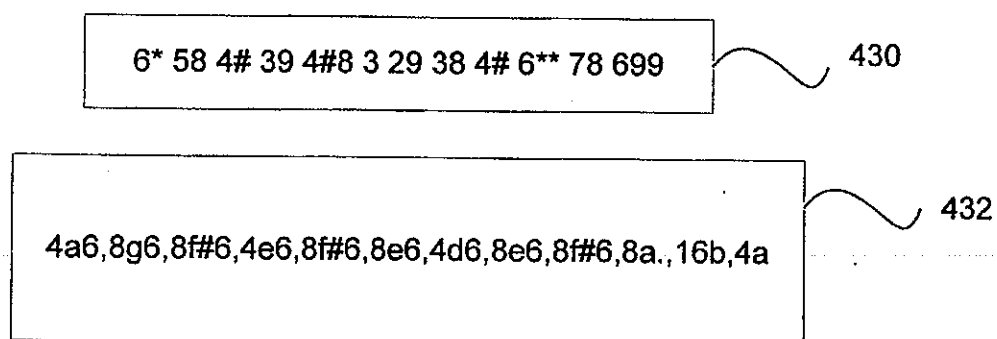


Fig._4B

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**Fig._4C** (Prior Art)**Fig._4D** (Prior Art)

