

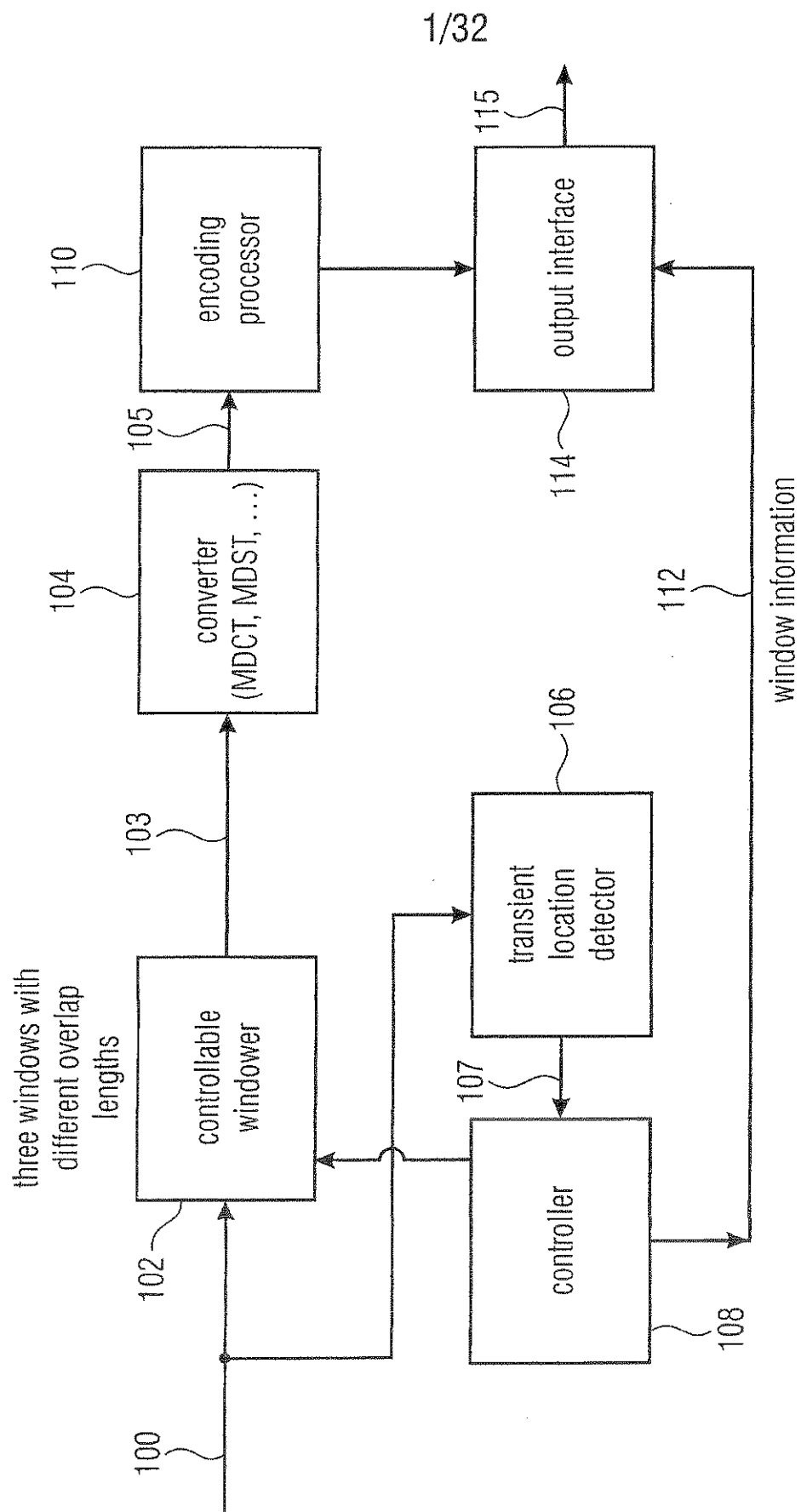


FIG 1A
(ENCODER)

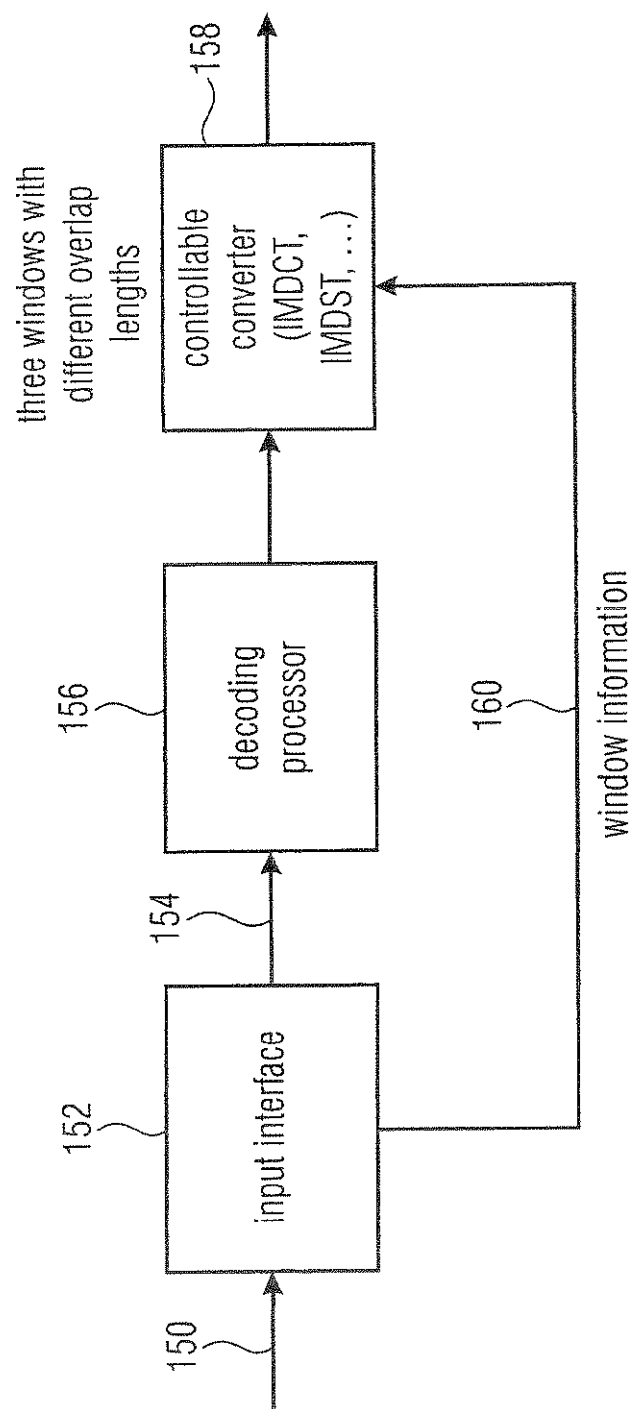


FIG 1B
(DECODER)

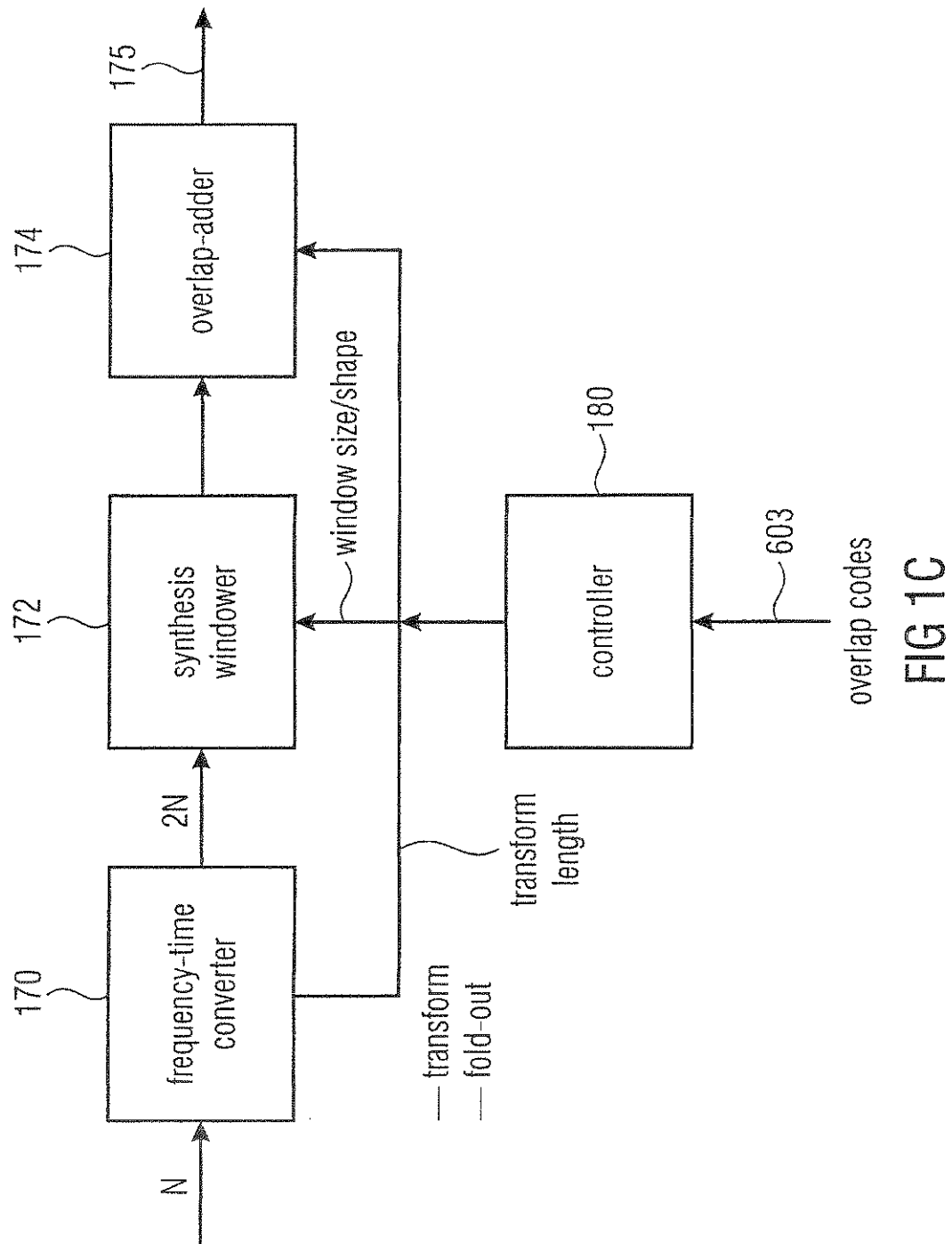


FIG 1C

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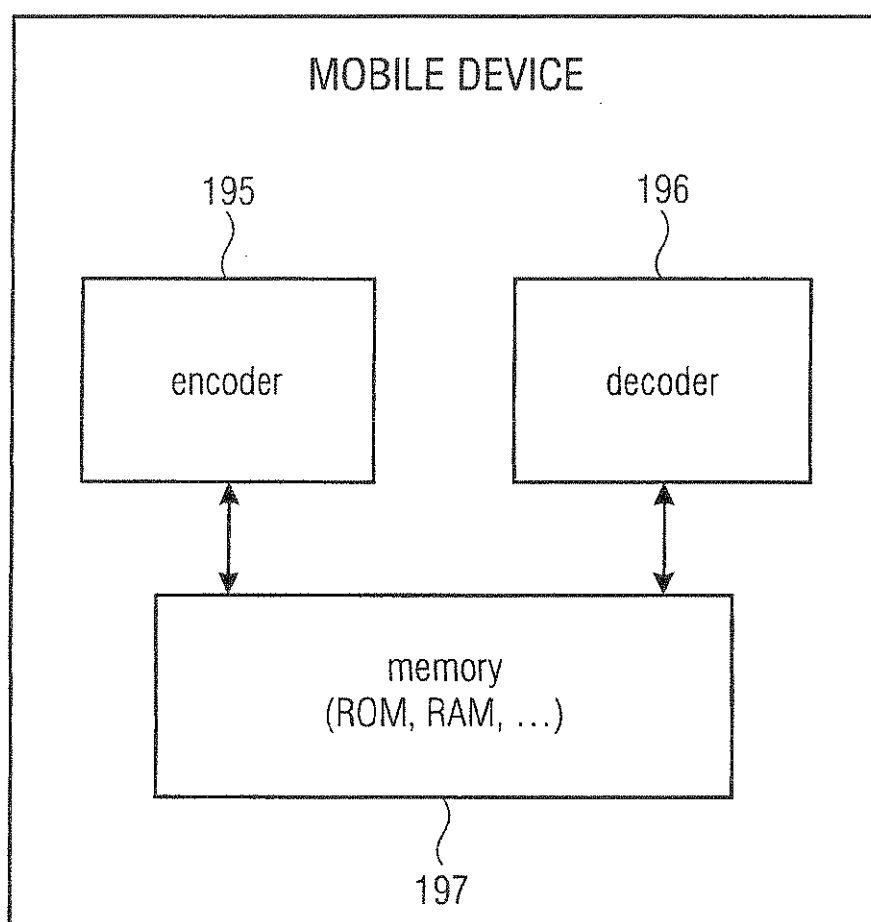


FIG 1D

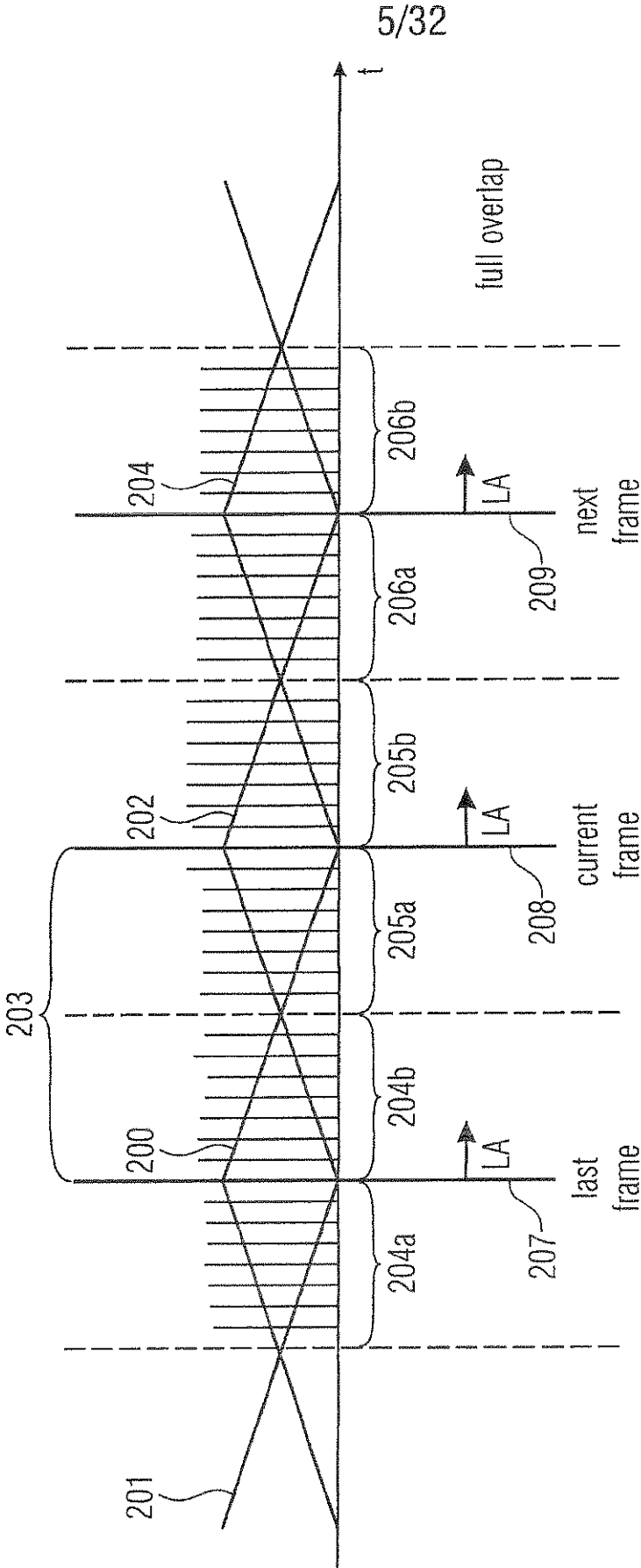


FIG 2A

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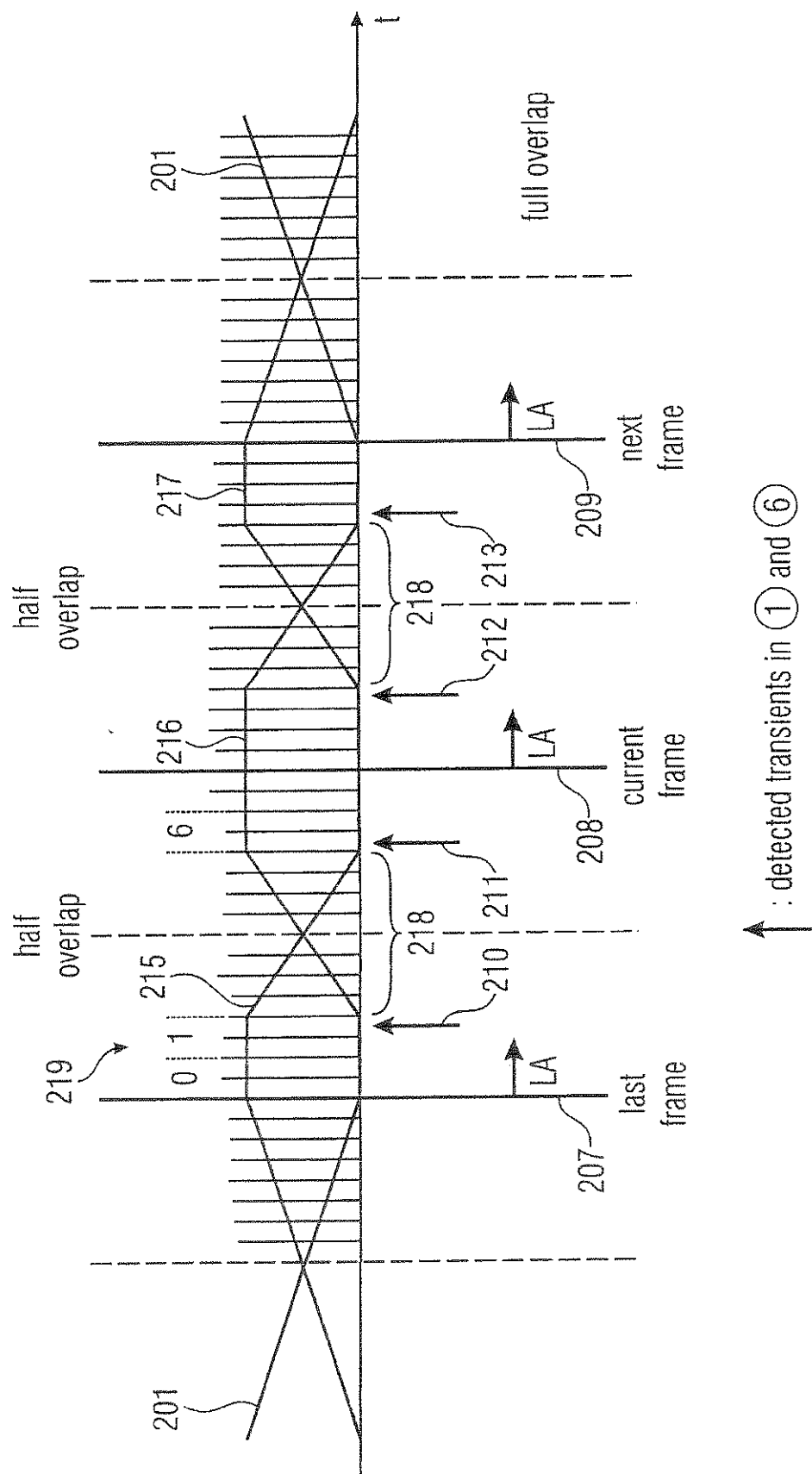


FIG 2B

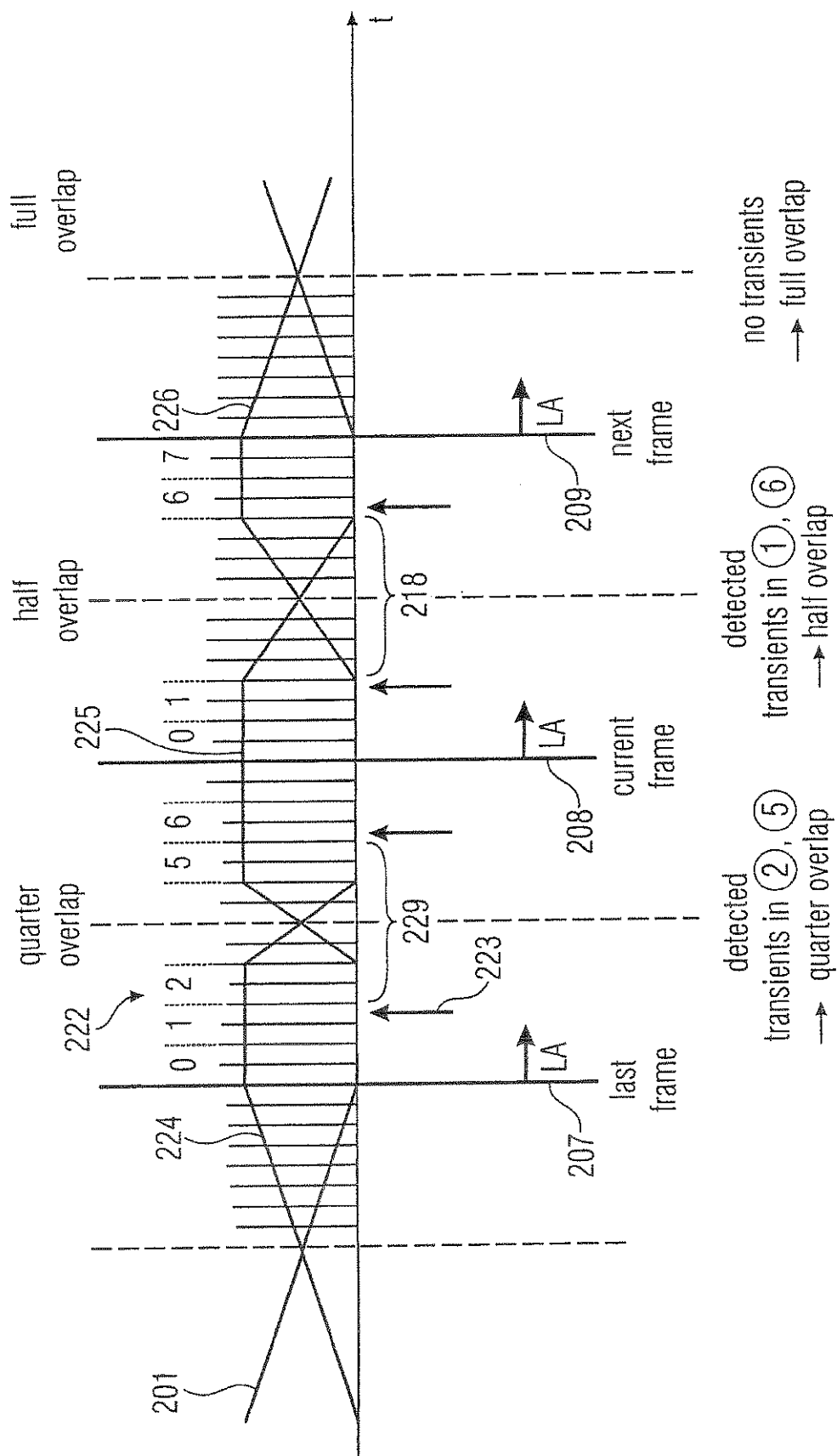


FIG 2C

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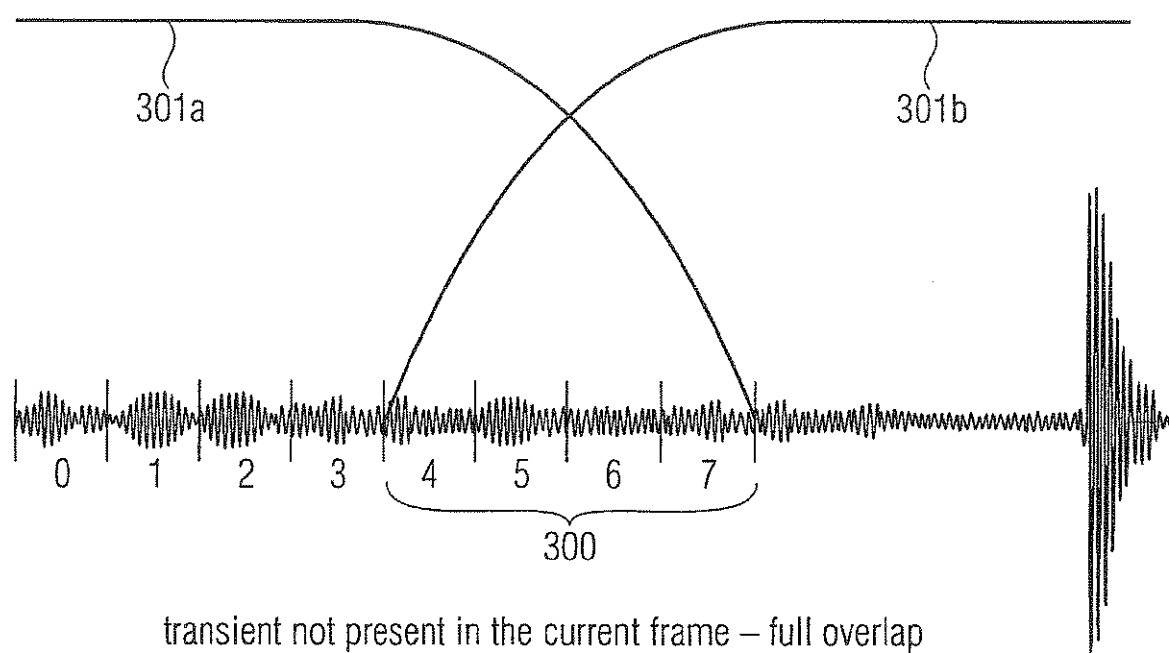


FIG 3A

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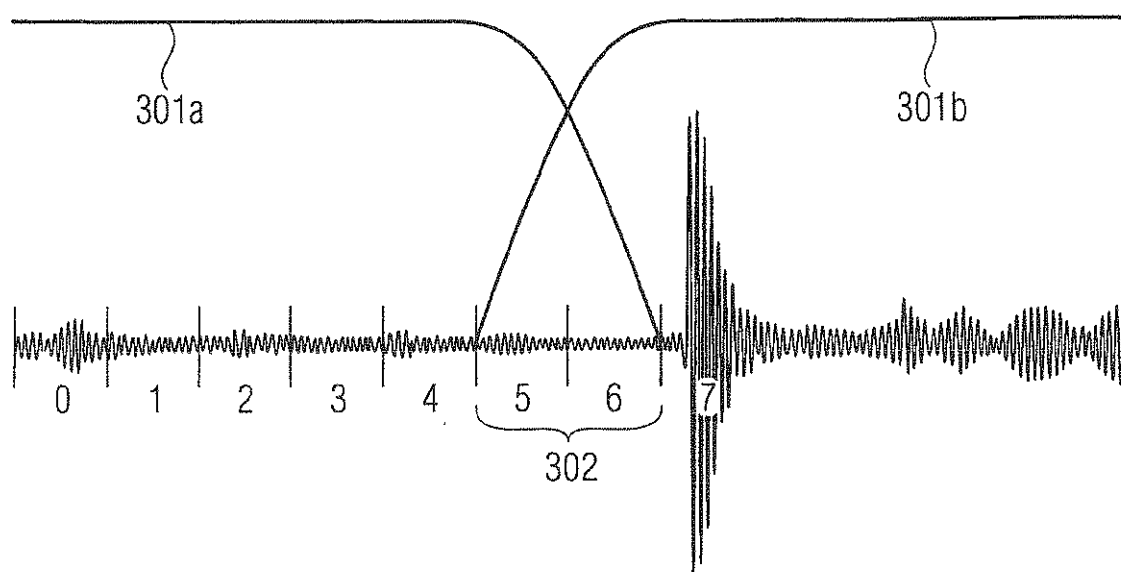
transient in the 7th sub-block – half overlap

FIG 3B

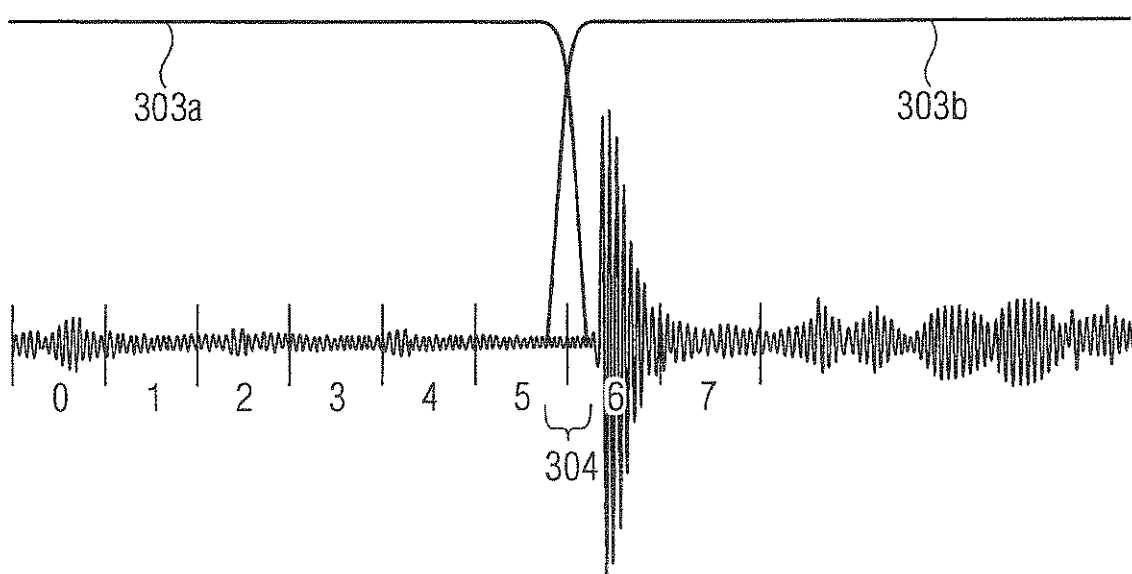
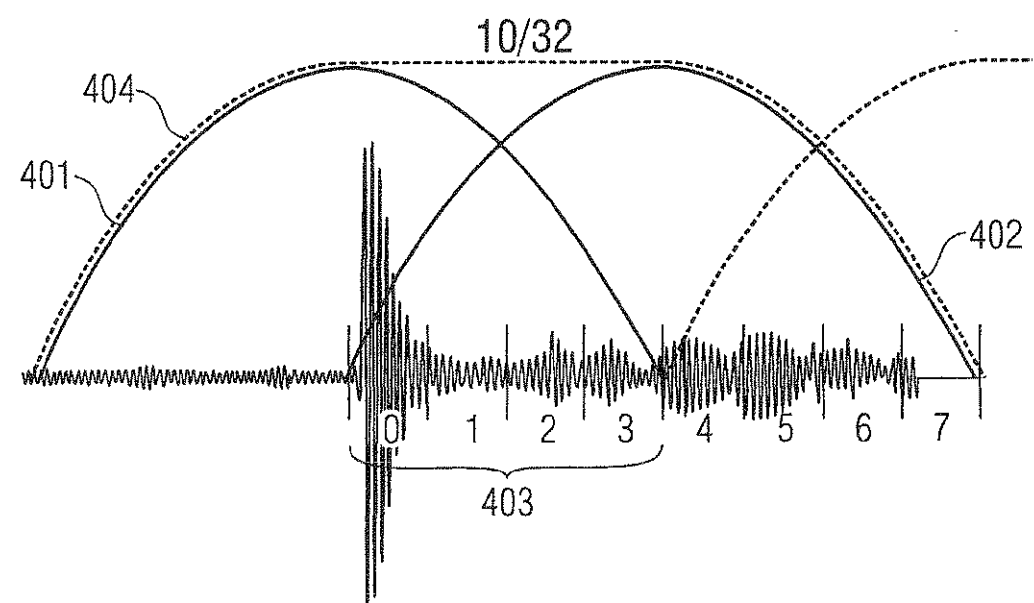
transient in the 6th sub-block – minimal overlap

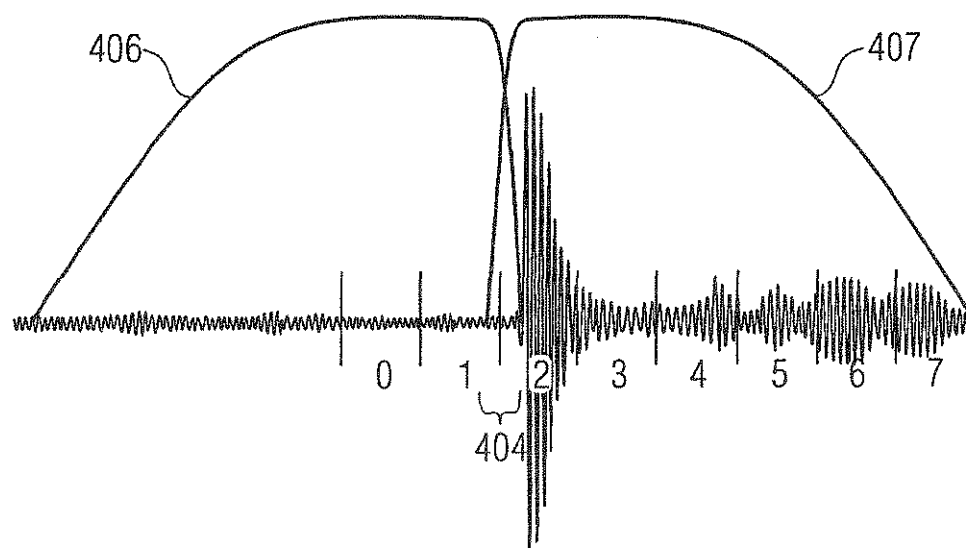
FIG 3C



- TCX10 full overlap with the previous,
with the next and between the 2 TCX10 windows
- - - TCX20 full overlap with the previous and with the next window

transient in the 0th or 1st sub-block
(An example TCX20 window with full overlap on both sides is drawn as a reference.)

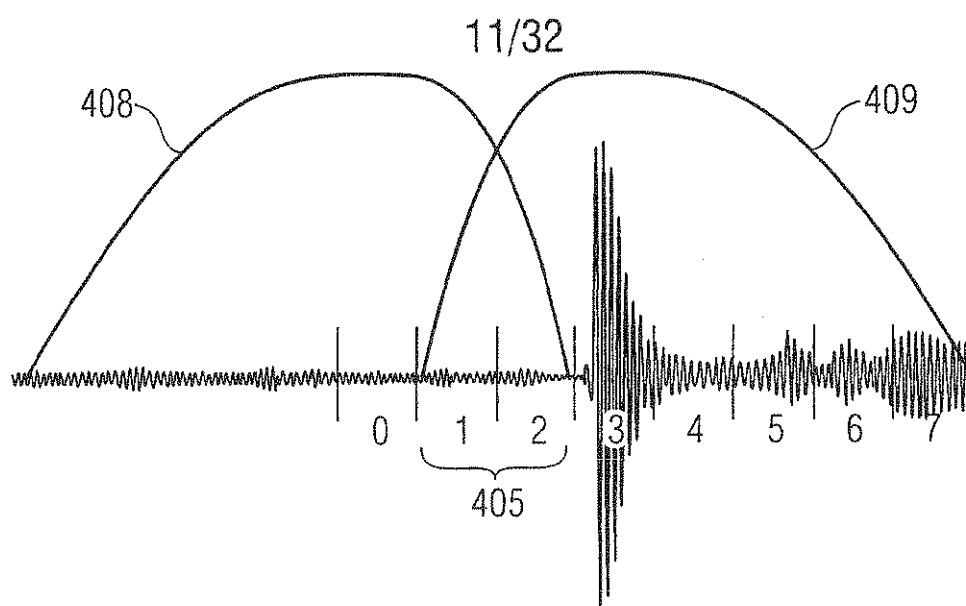
FIG 4A



- TCX10 full overlap with the previous, with the next and
minimum overlap between the 2 TCX10 windows

transient in the 2nd sub-block

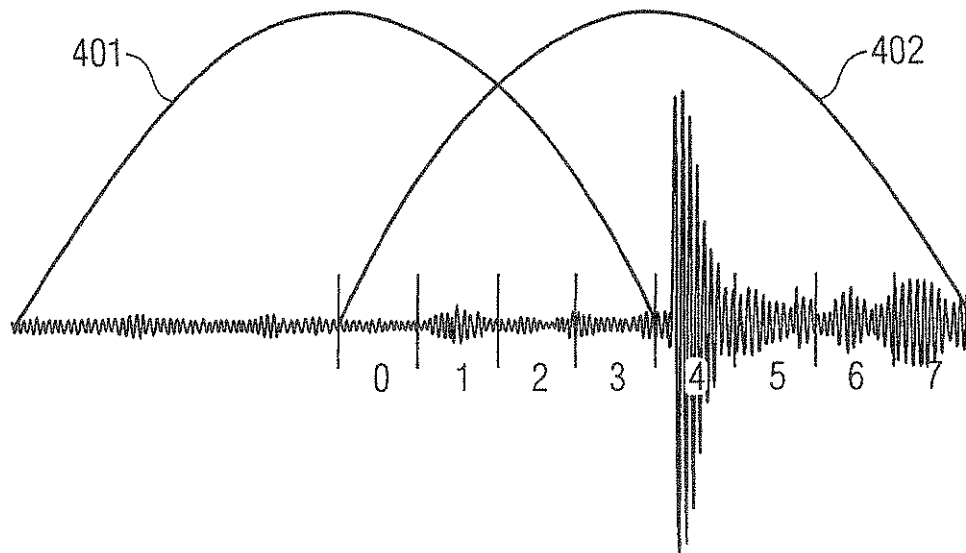
FIG 4B



—— TCX10 full overlap with the previous, with the next
and half overlap between the 2 TCX10 windows

transient in the 3rd sub-block

FIG 4C



—— TCX10 full overlap with the previous,
with the next and between the 2 TCX10 windows

transient in the 4th or 5th sub-block

FIG 4D

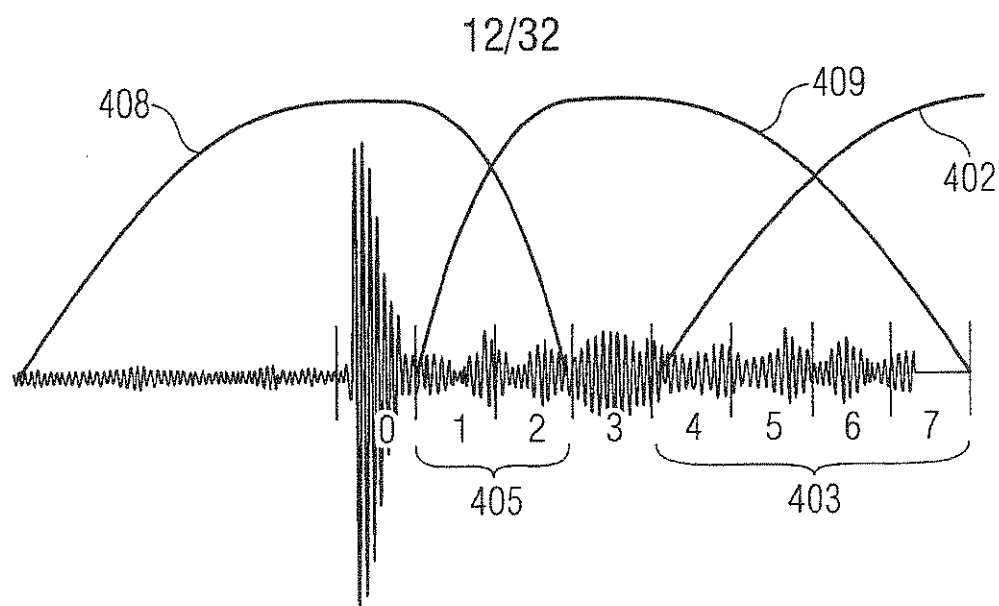


FIG 4E

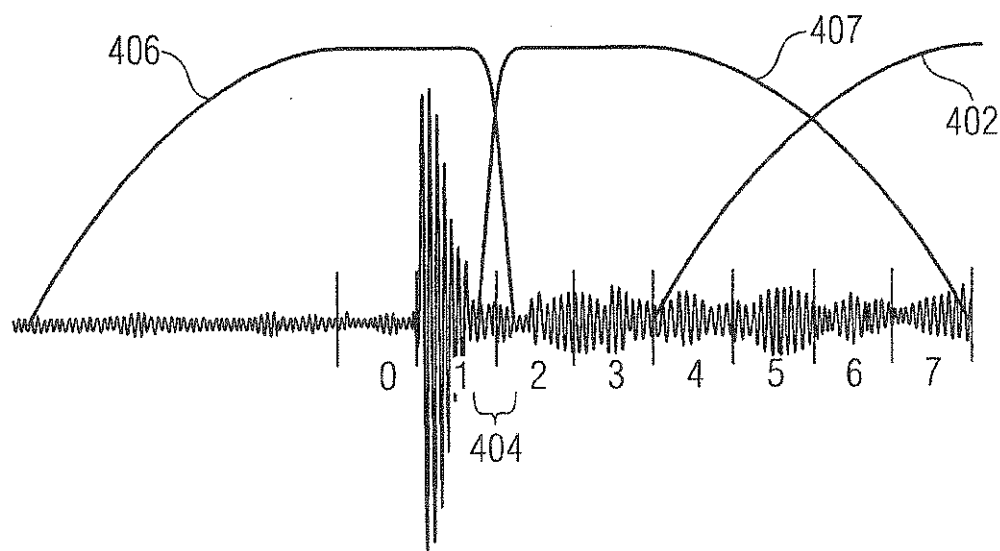
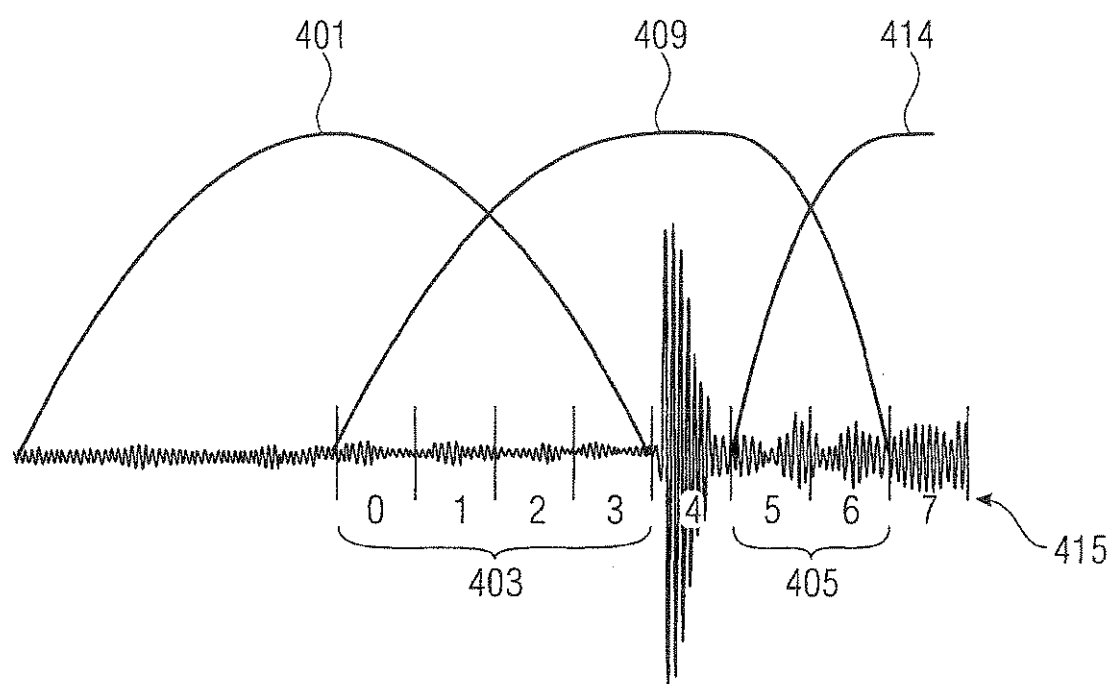


FIG 4F

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— TCX10 full overlap with the previous,
between the 2 TCX10 and half overlap
with the next windows

transient in the 4th sub-block

FIG 4G

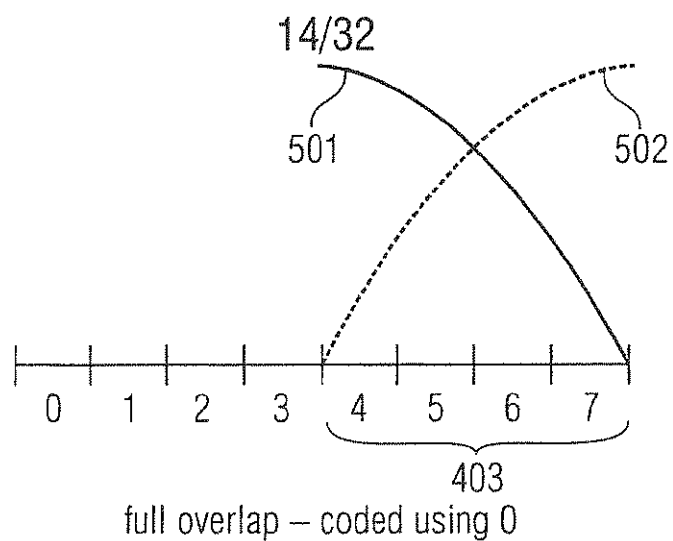


FIG 5A

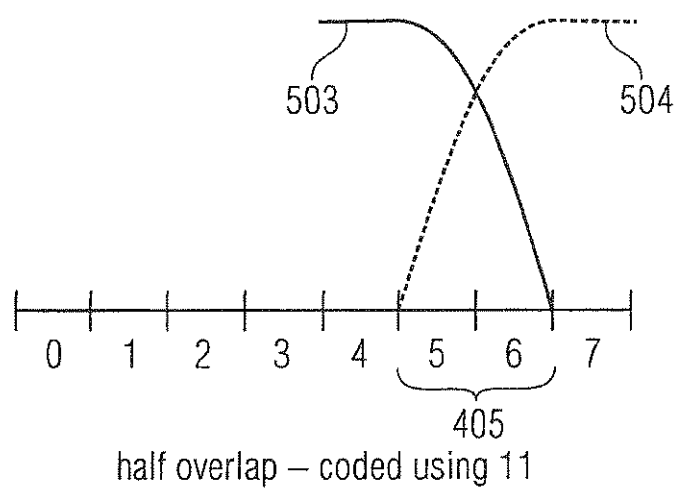


FIG 5B

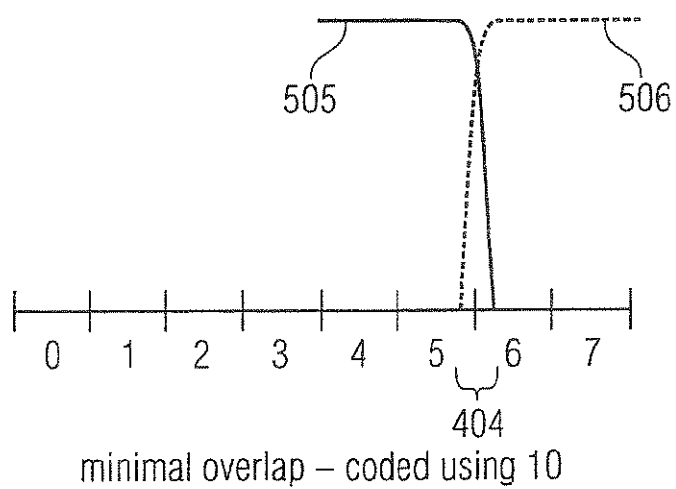


FIG 5C

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604 transient position index	605 overlap with the first window of the following frame	600 short/long transform decision (binary coded) 0 – long, 1 – short	602 binary code for the overlap width	603 overlap code
none	full	0	0	00
-2	full	1	0	10
-1	full	1	0	10
0	full	1	0	10
1	full	1	0	10
2	half	1	11	111
3	half	1	11	111
4	half	1	11	111
5	minimal	1	10	110
6	minimal	0	10	010
7	half	0	11	011

coding of the overlap and the transform length based on the transient position

FIG 6A

previous overlap code current overlap code		00	10	111	110	010	011
606	00	TCX20	TCX20	TCX20	TCX20	TCX20	TCX20
	10	2xTCX5, TCX10	2xTCX5, TCX10	2xTCX5, TCX10	2xTCX5, TCX10	2xTCX5, TCX10	2xTCX5, TCX10
	111	TCX10, 2xTCX5	TCX10, 2xTCX5	4xTCX5	4xTCX5	4xTCX5	4xTCX5
	110	TCX10, 2xTCX5	TCX10, 2xTCX5	4xTCX5	4xTCX5	4xTCX5	4xTCX5
608	010	TCX20	TCX20	TCX20	TCX20	TCX20	TCX20
	011	TCX20	TCX20	TCX20	TCX20	TCX20	TCX20

transform lengths decision table

FIG 6B

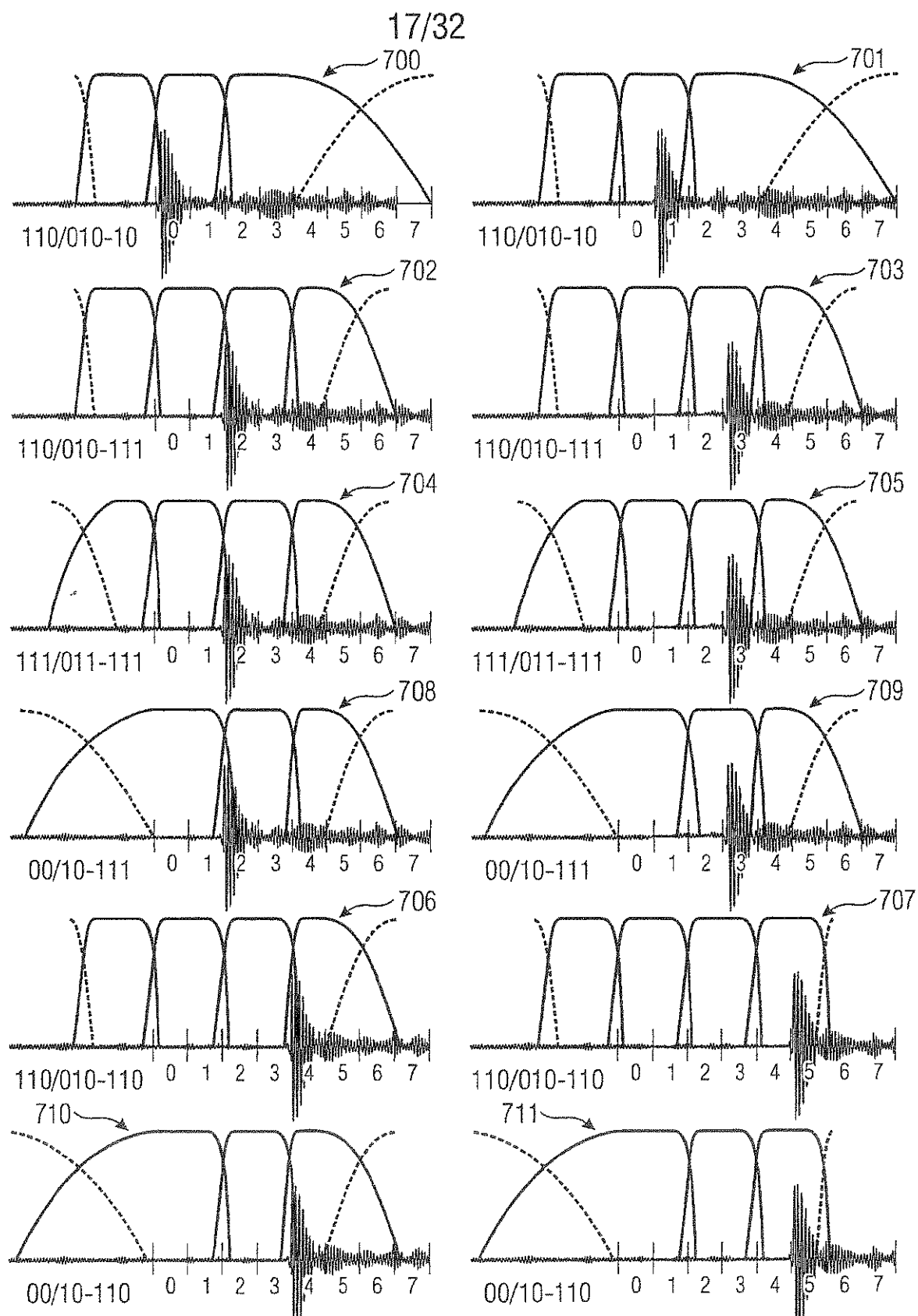
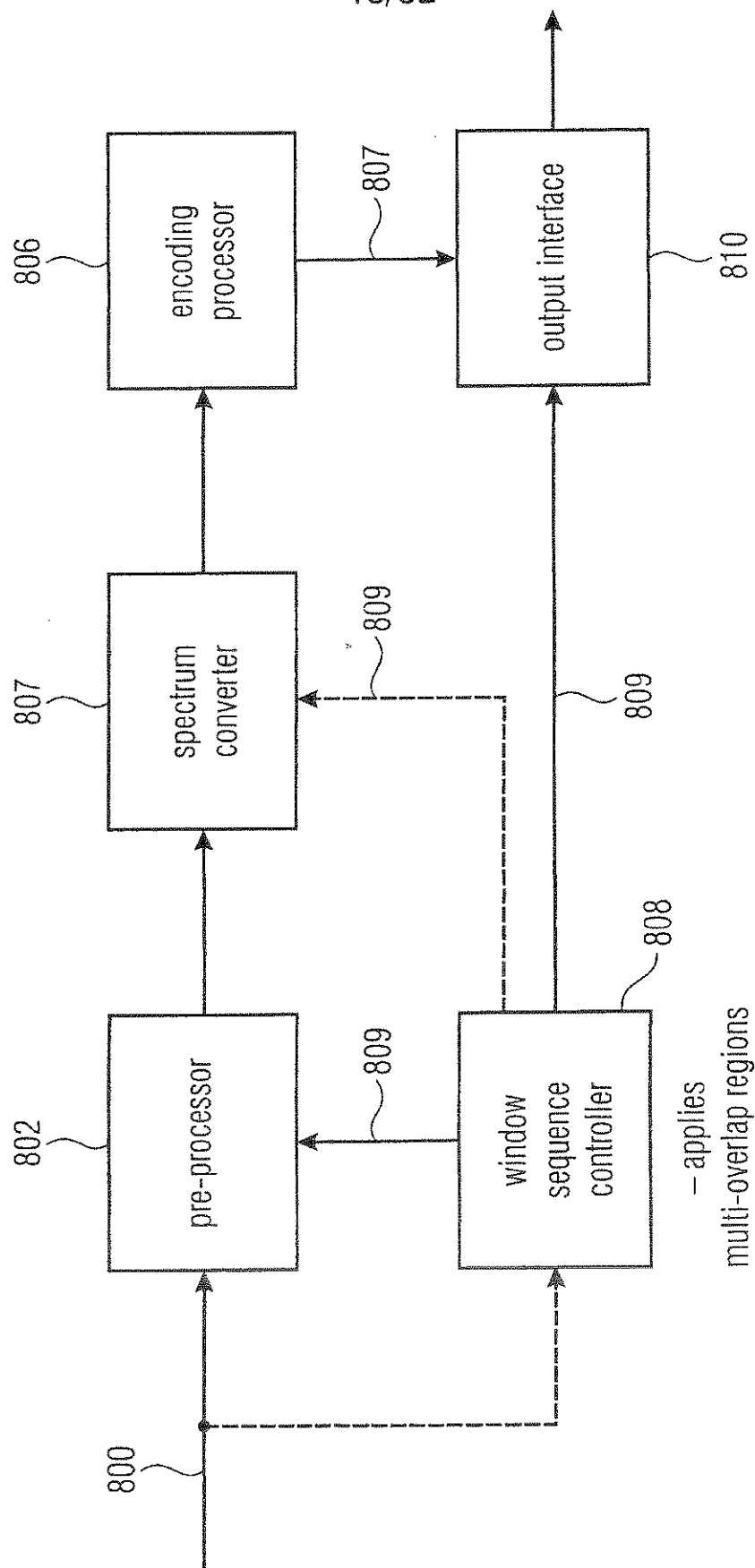


FIG 7

SUBSTITUTE SHEET (RULE 26)

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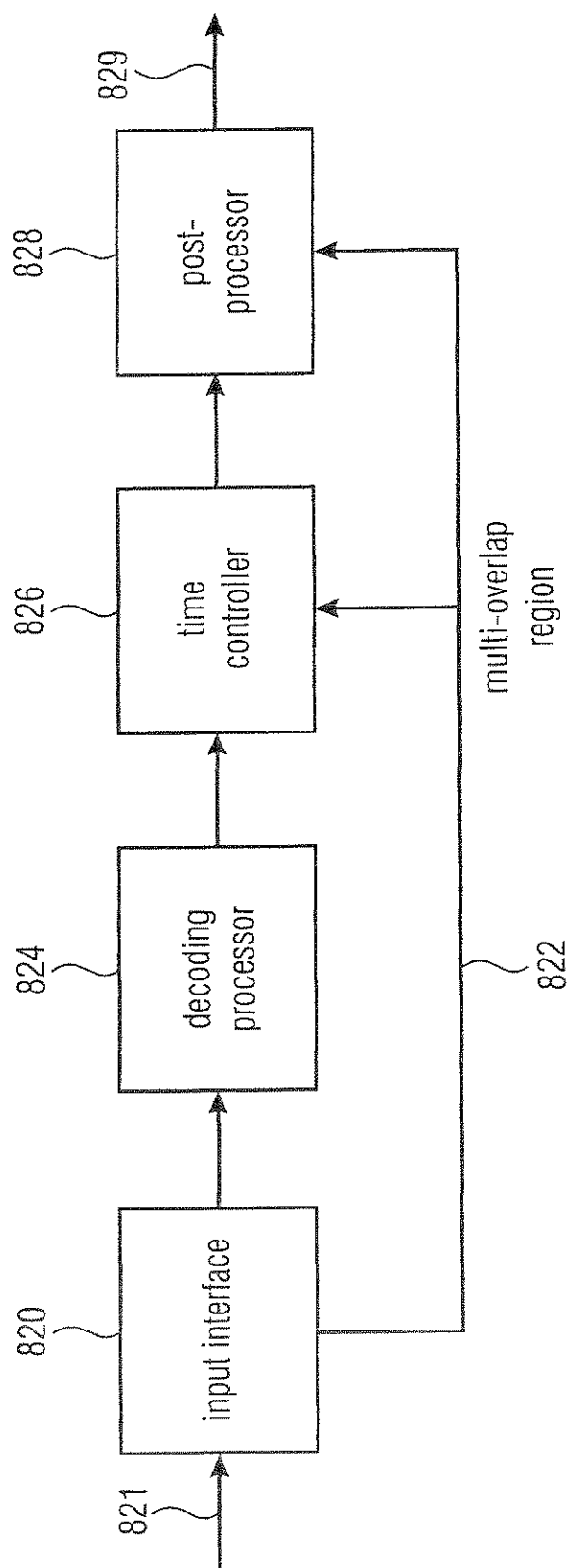


FIG 8B

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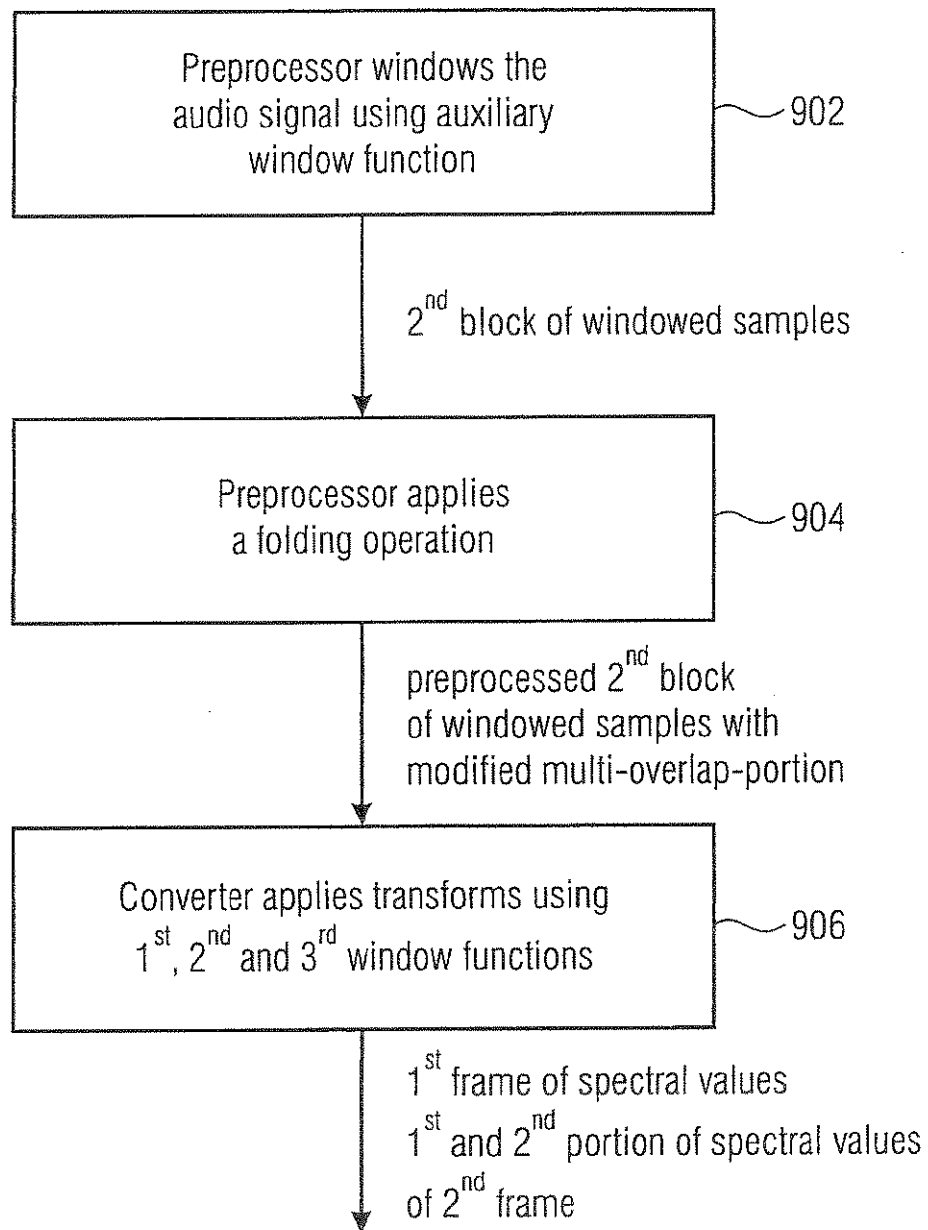


FIG 9A

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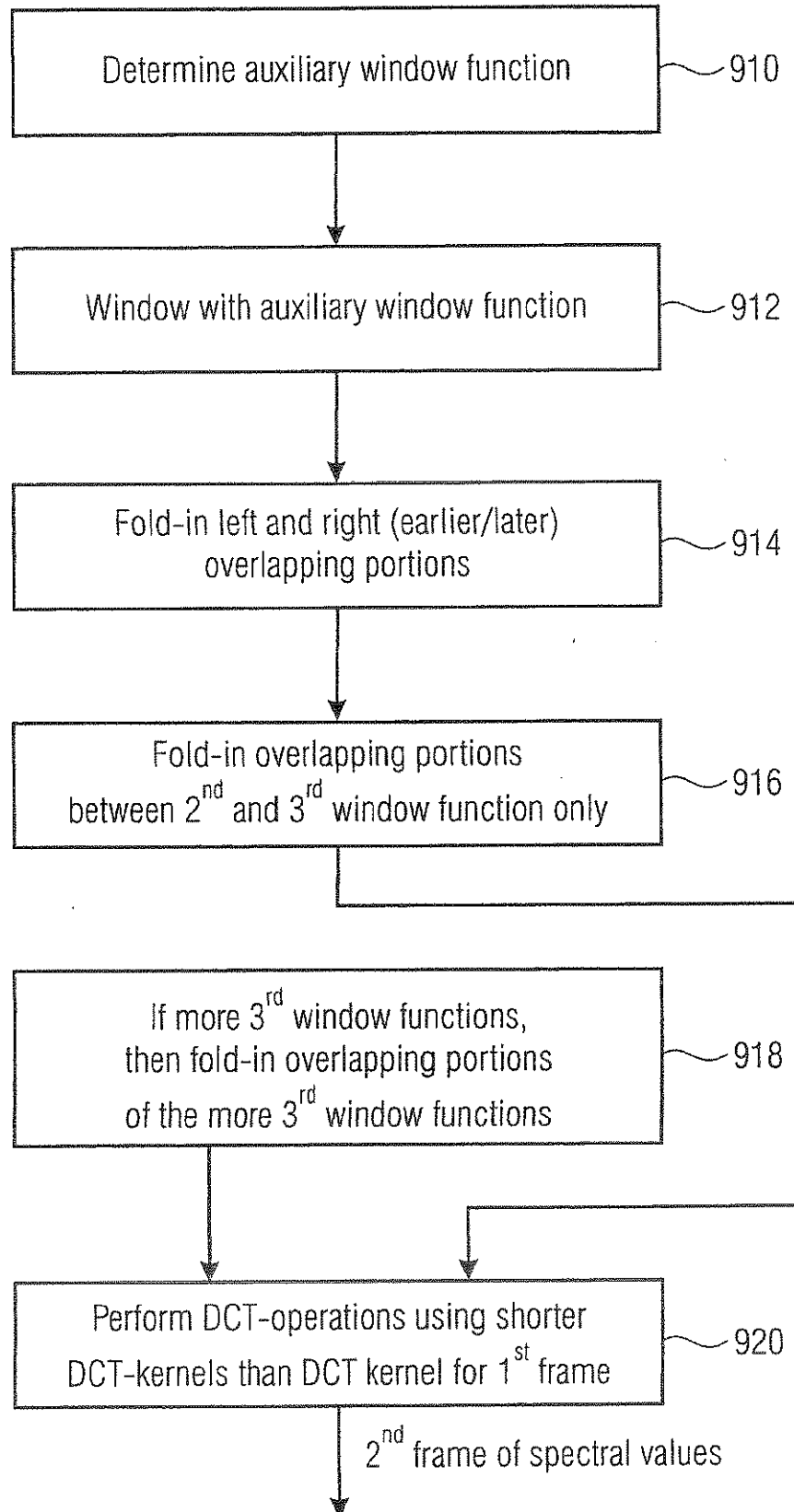


FIG 9B

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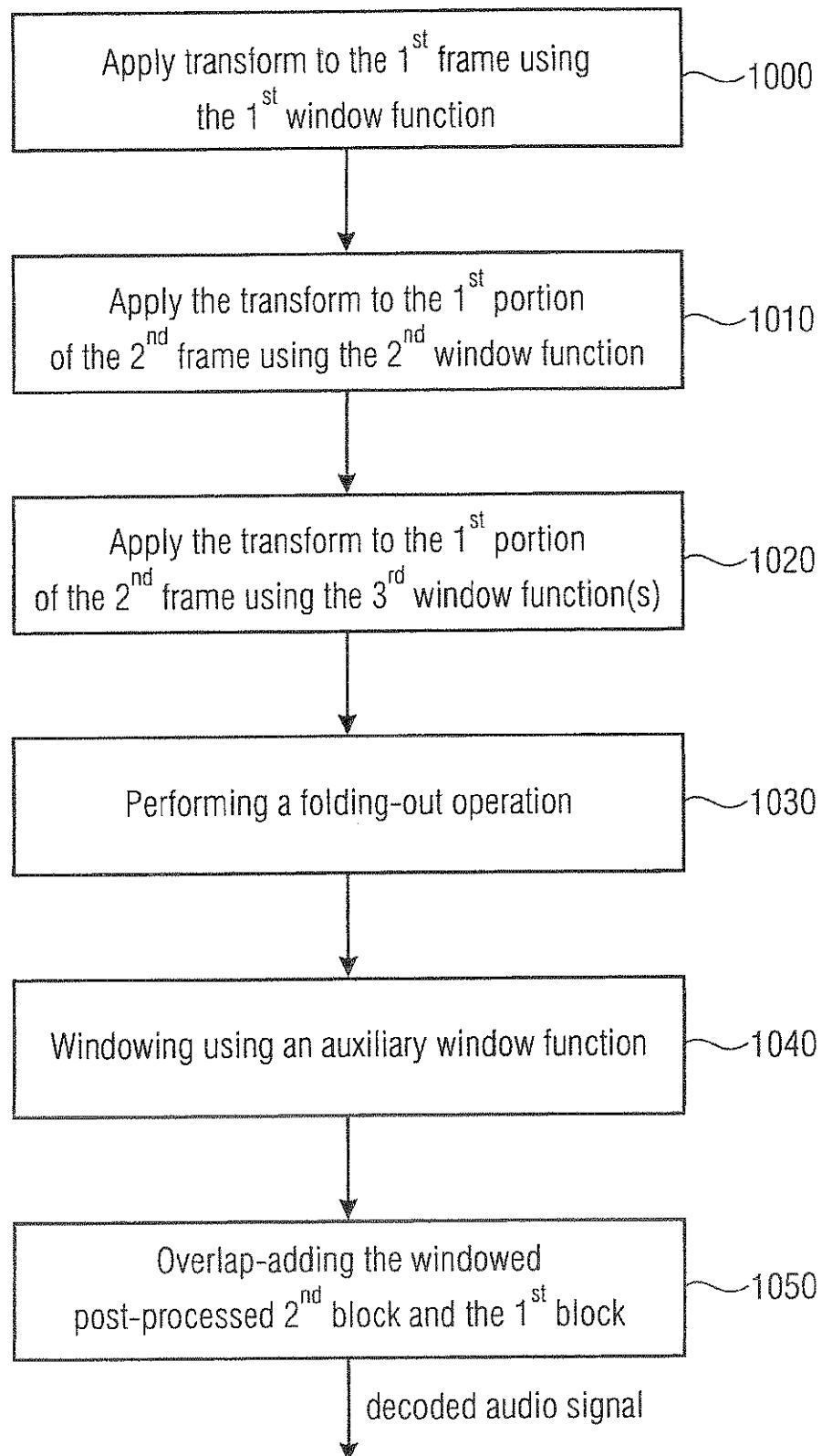


FIG 10A

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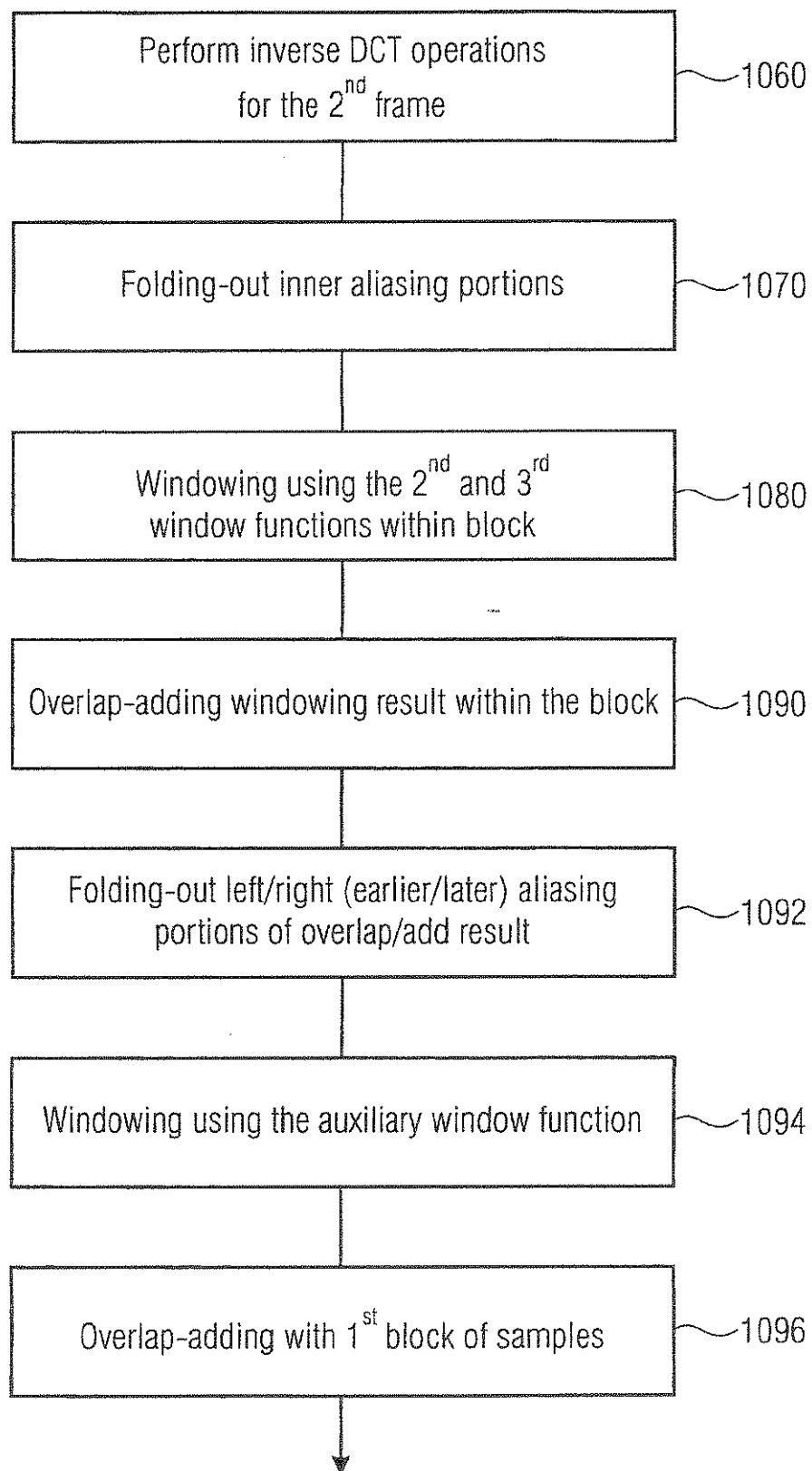


FIG 10B

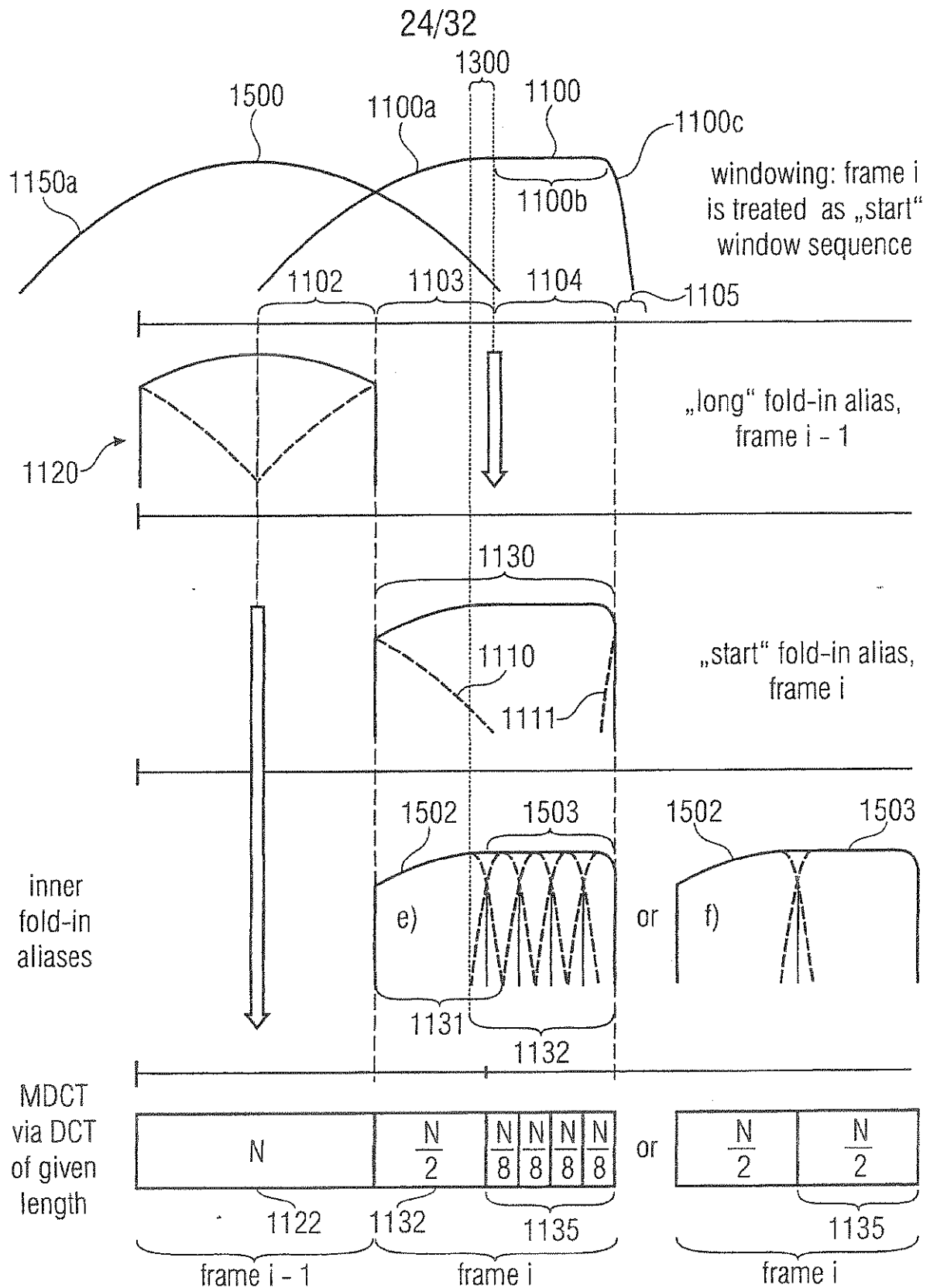


FIG 11A
(ENCODER)

SUBSTITUTE SHEET (RULE 26)

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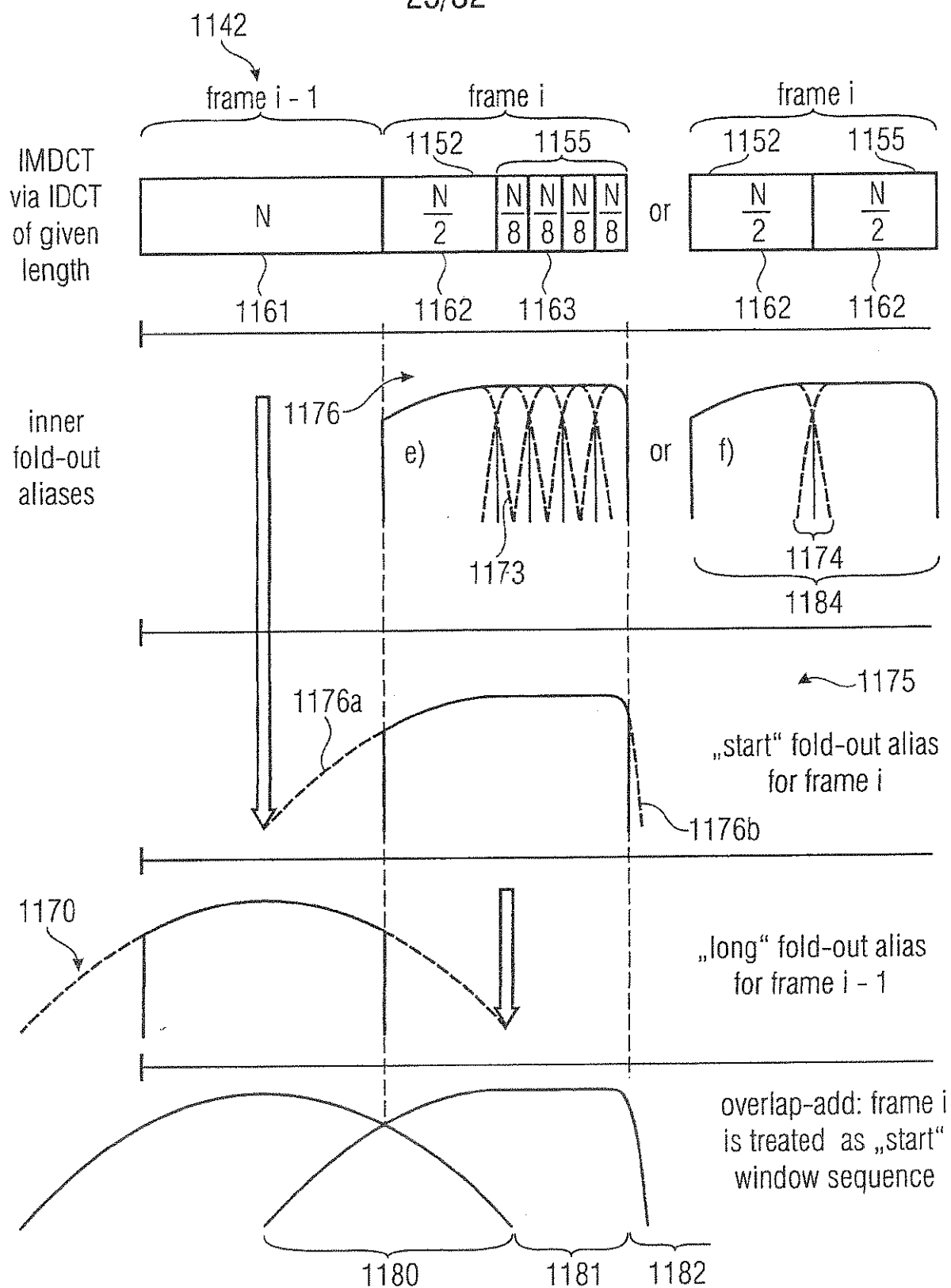


FIG 11B
(DECODER)

SUBSTITUTE SHEET (RULE 26)

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ENCODER

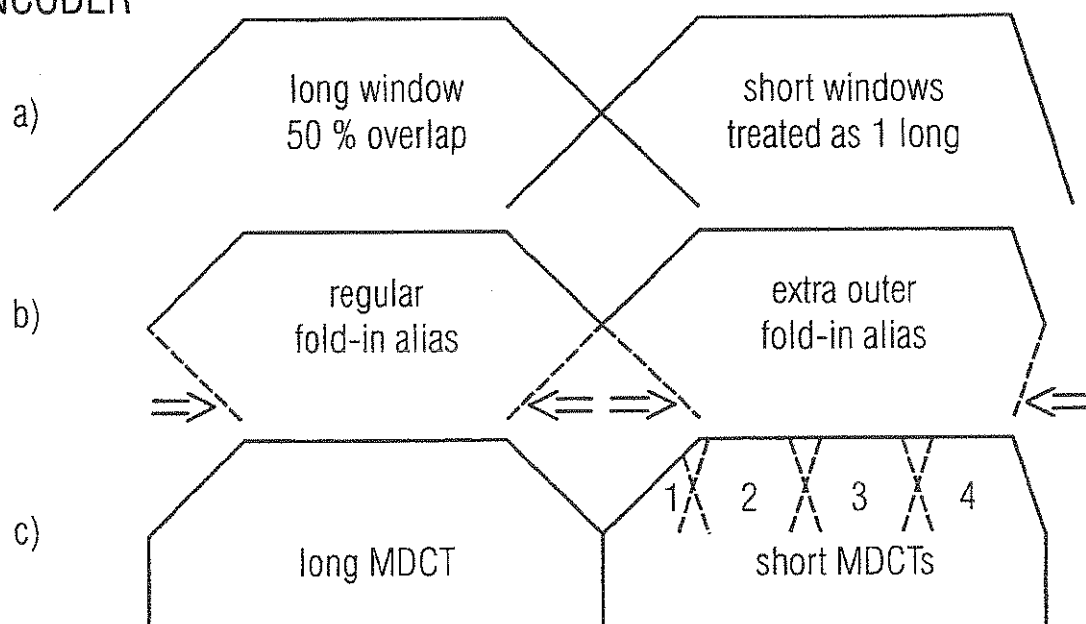


FIG 12A

DECODER

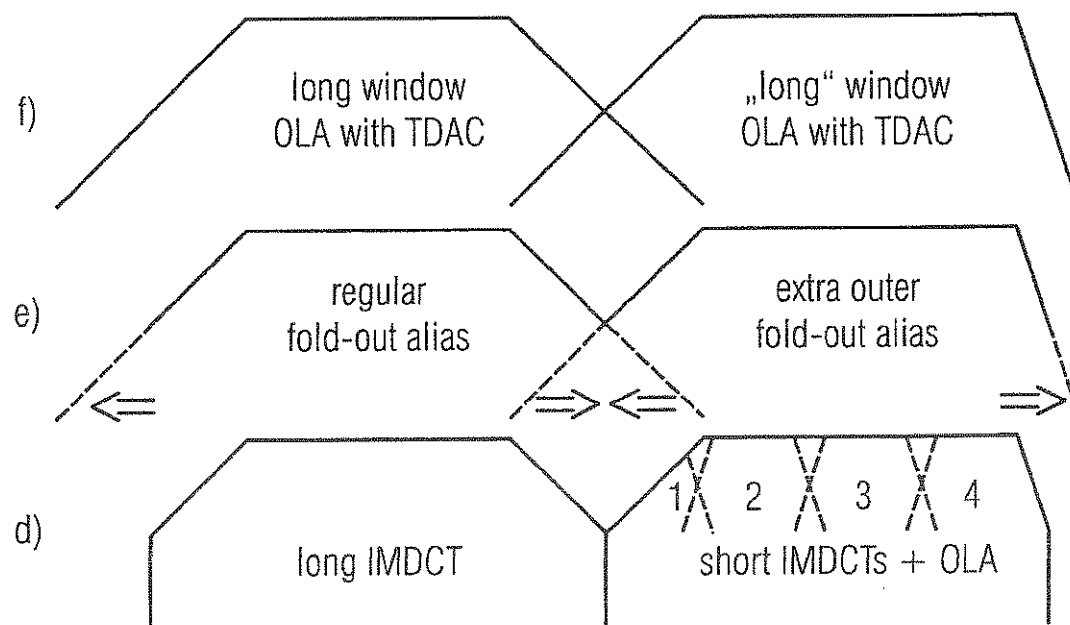


FIG 12B

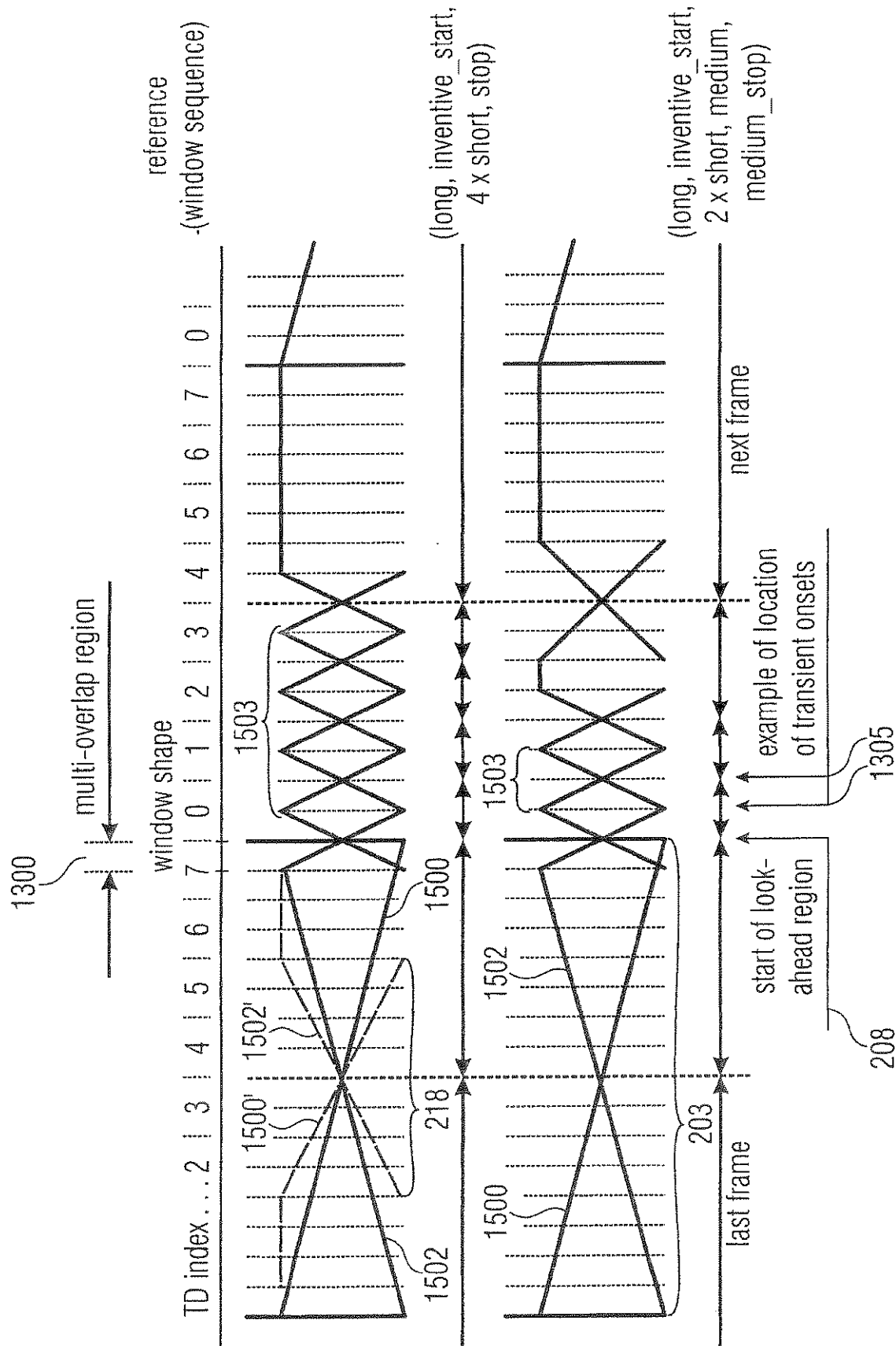


FIG 13

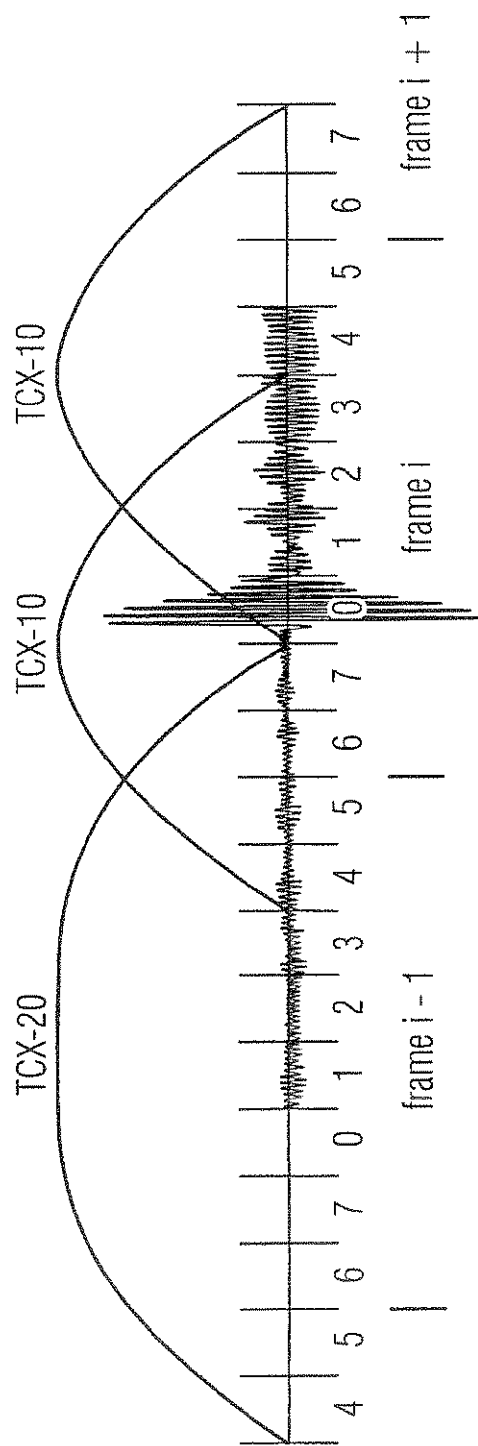


FIG 14A

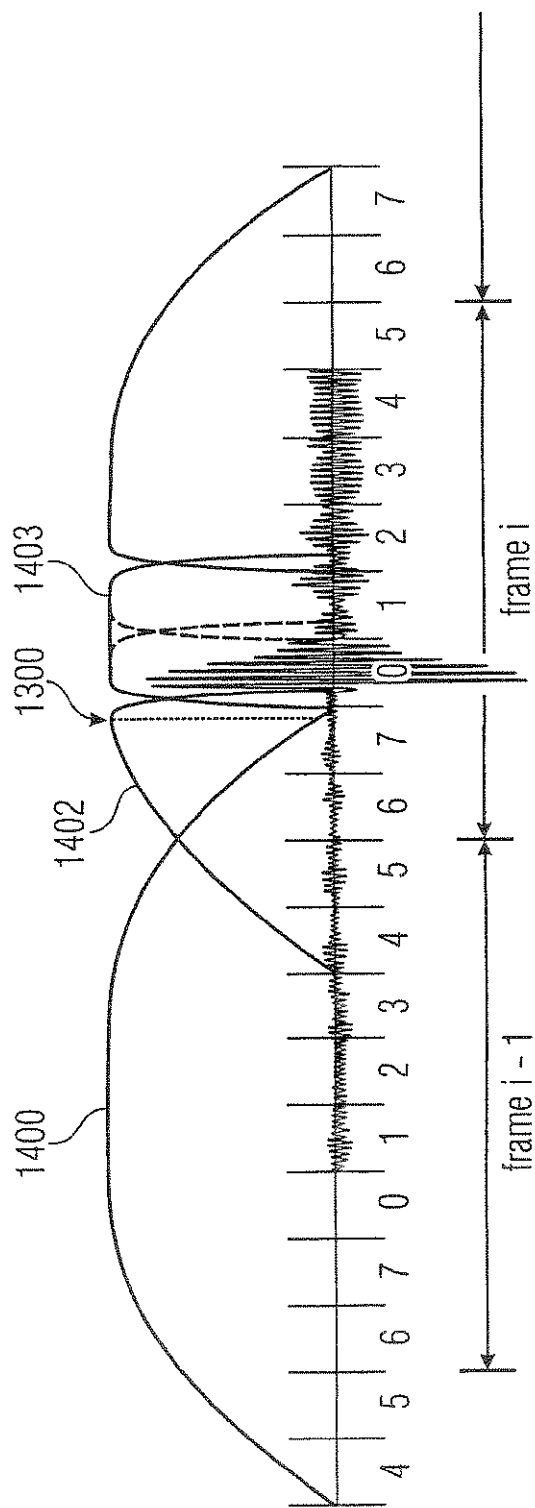


FIG 14B

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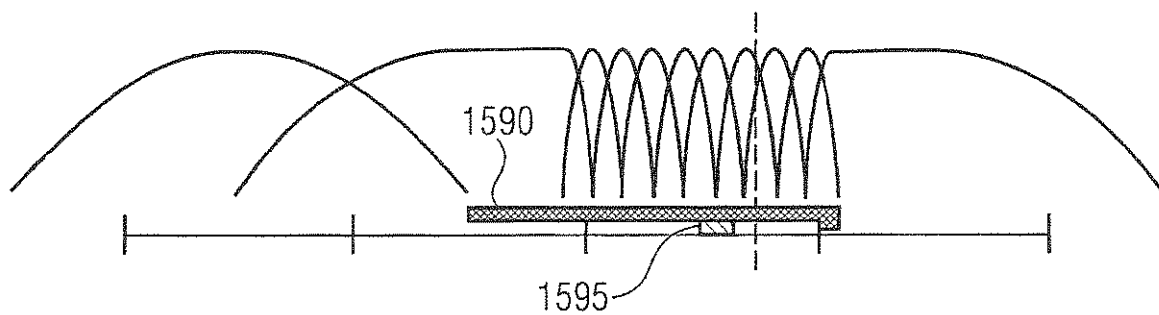


FIG 15A

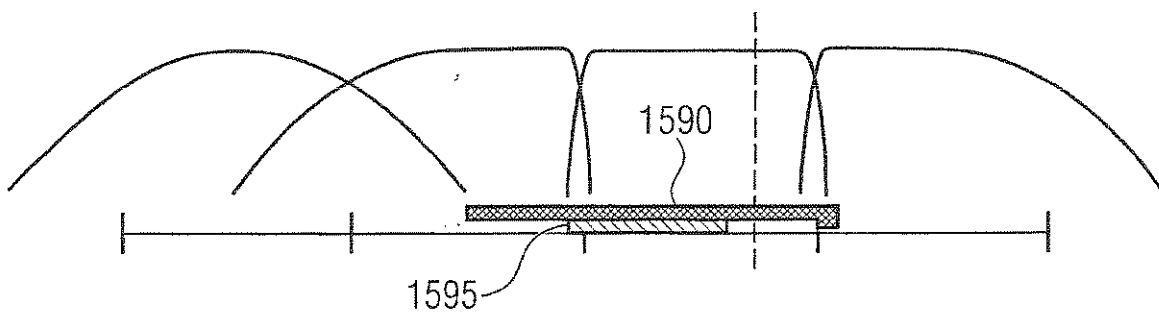


FIG 15B

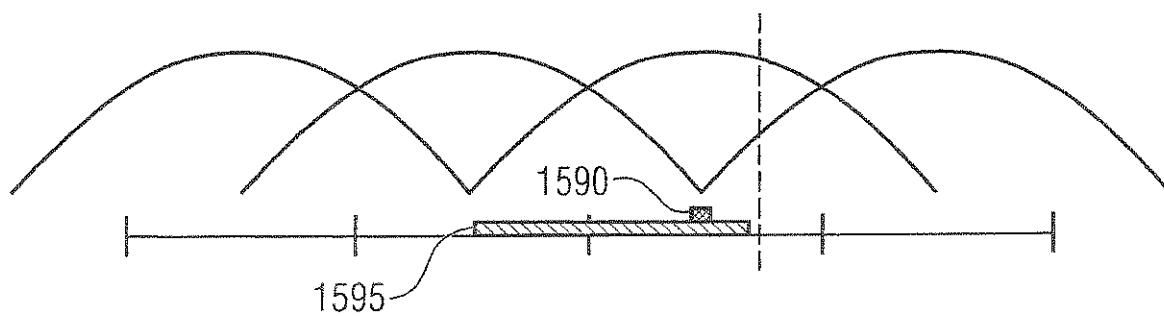


FIG 15C

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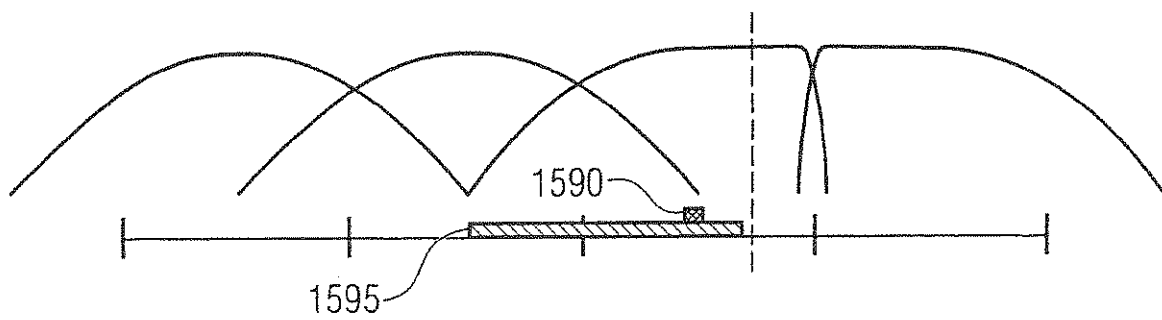


FIG 15D

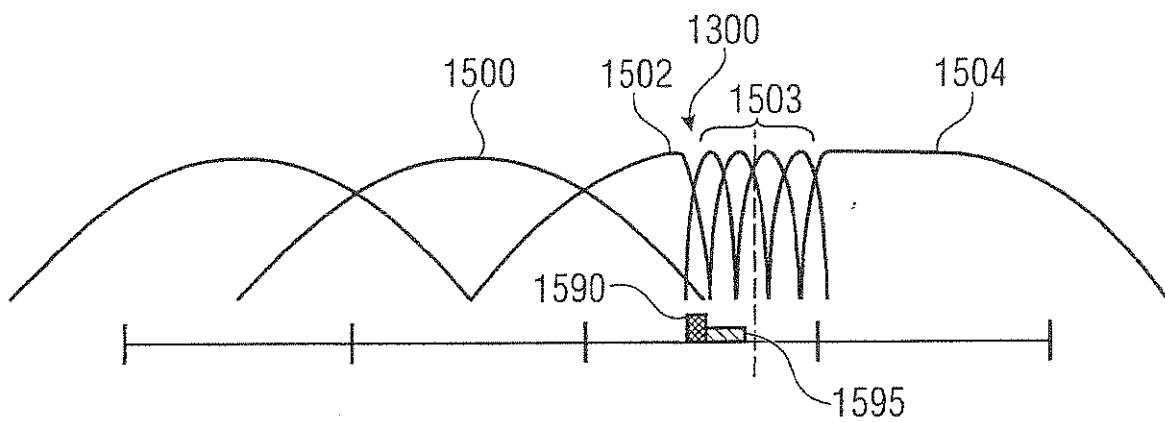


FIG 15E

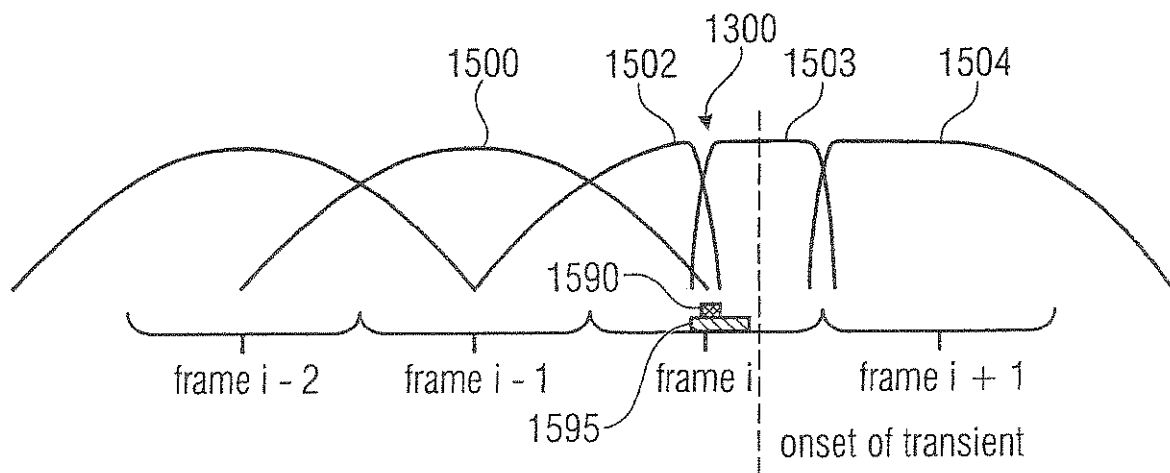


FIG 15F

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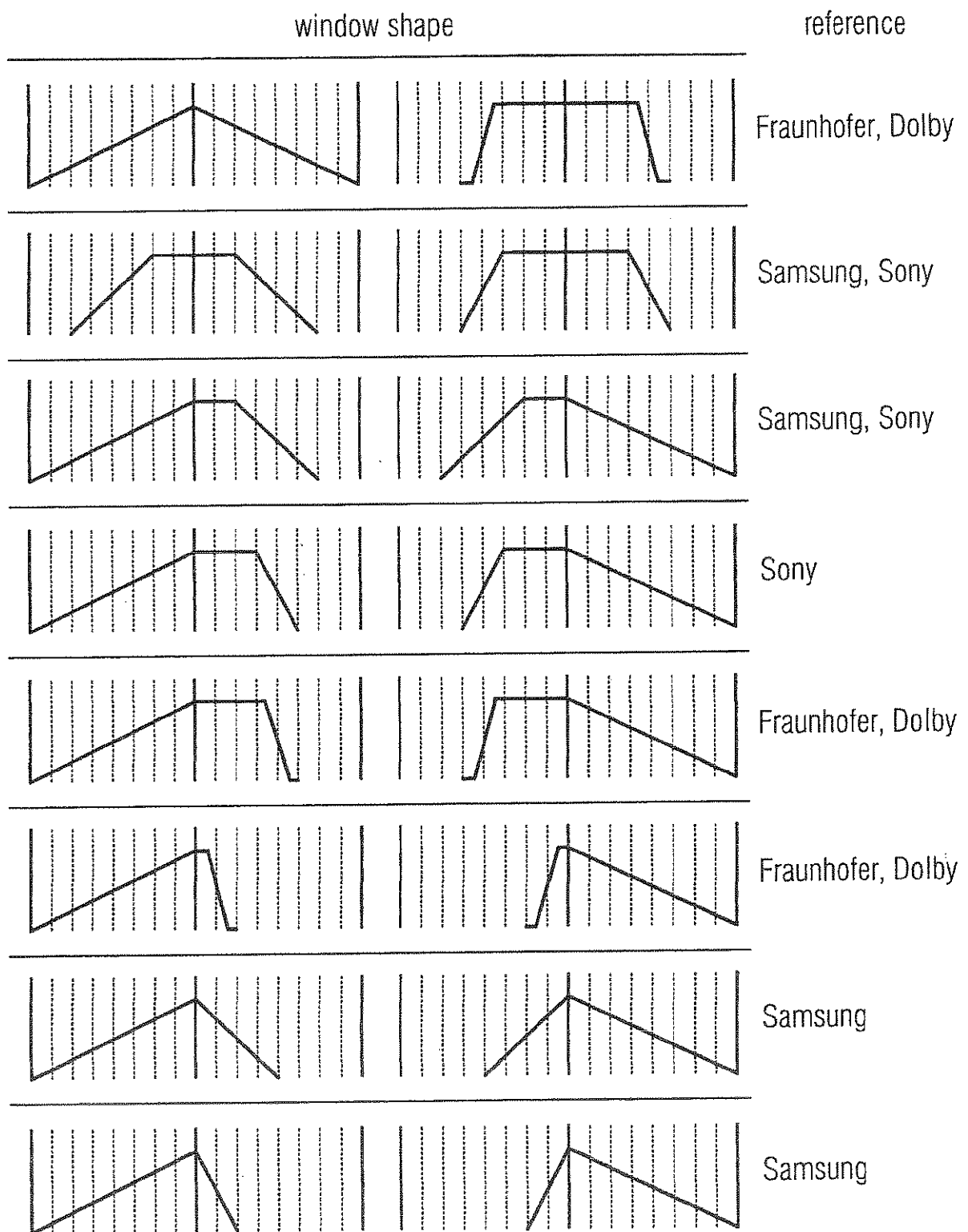


FIG 16
(PRIOR ART)

SUBSTITUTE SHEET (RULE 26)

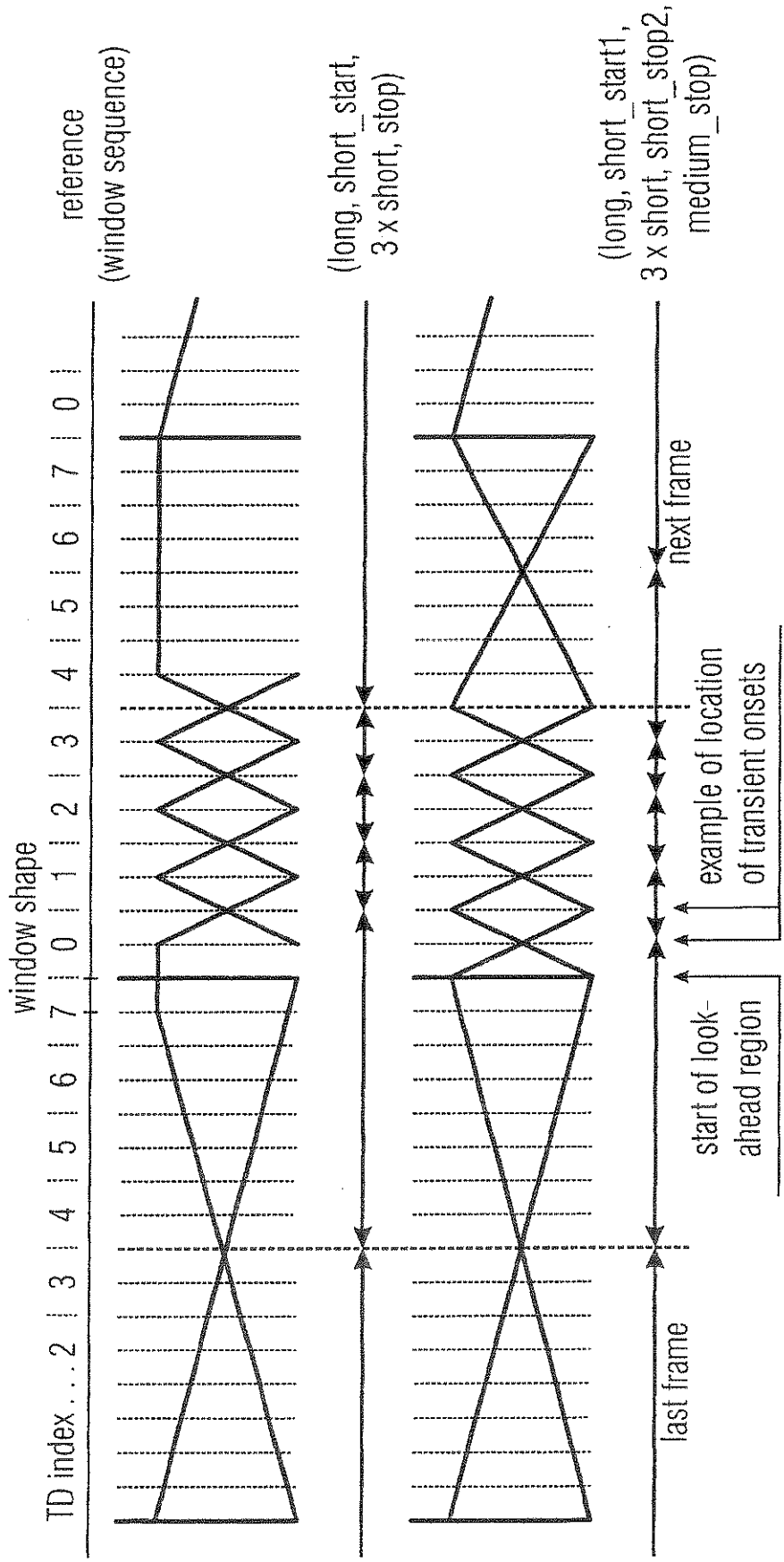


FIG 17