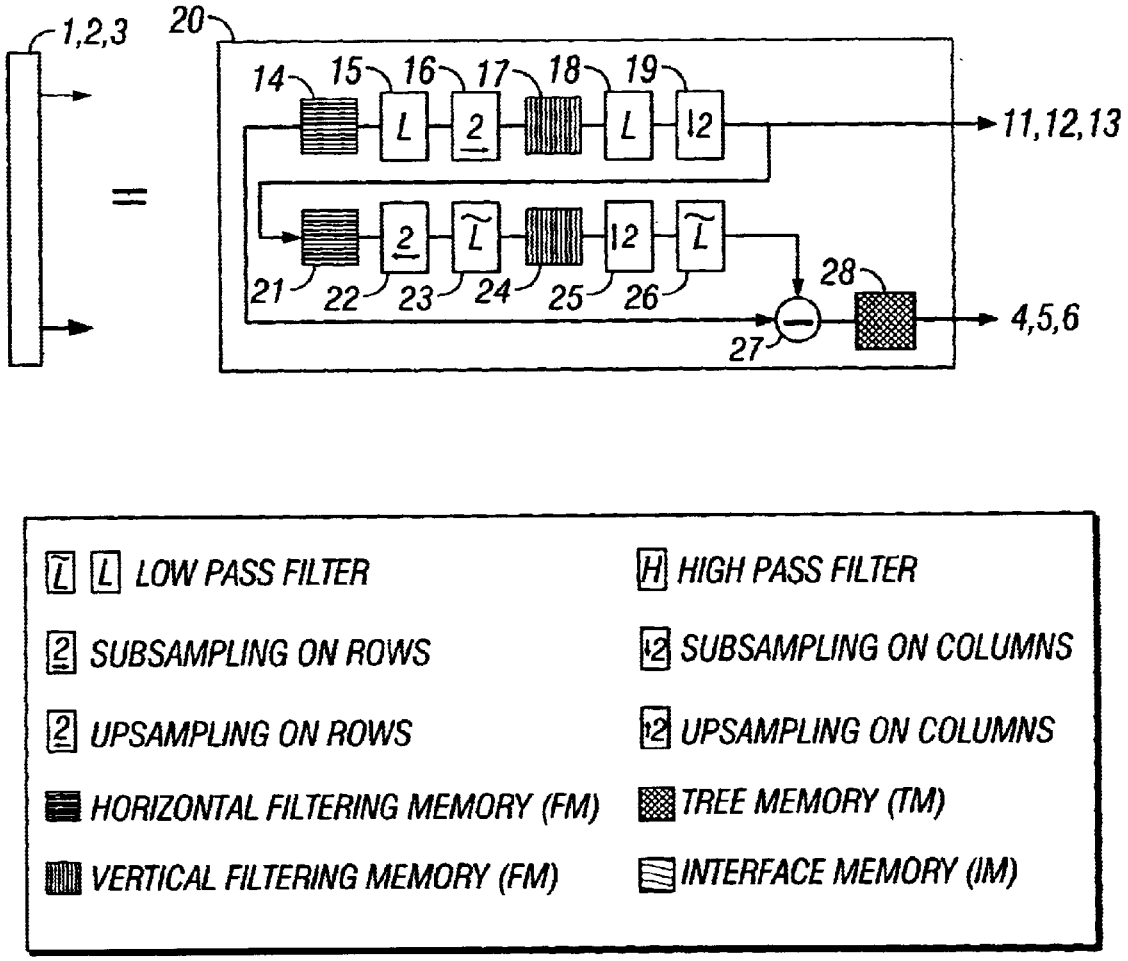
1,2,3
20
14
15
16
17
18
19
L
2
L
↓2
11,12,13
21
22
23
24
25
26
27
28
4,5,6
LOW PASS FILTER
HIGH PASS FILTER
SUBSAMPLING ON ROWS
SUBSAMPLING ON COLUMNS
UPSAMPLING ON ROWS
UPSAMPLING ON COLUMNS
HORIZONTAL FILTERING MEMORY (FM)
TREE MEMORY (TM)
VERTICAL FILTERING MEMORY (FM)
INTERFACE MEMORY (IM)

FIG. 1B