

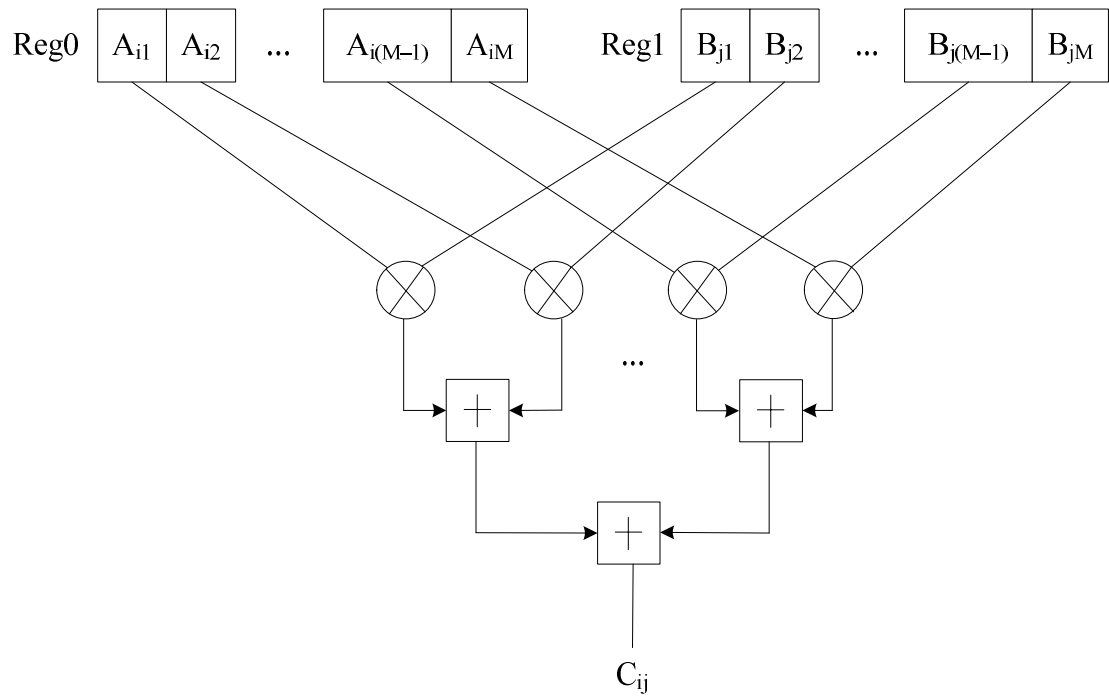


FIG. 1

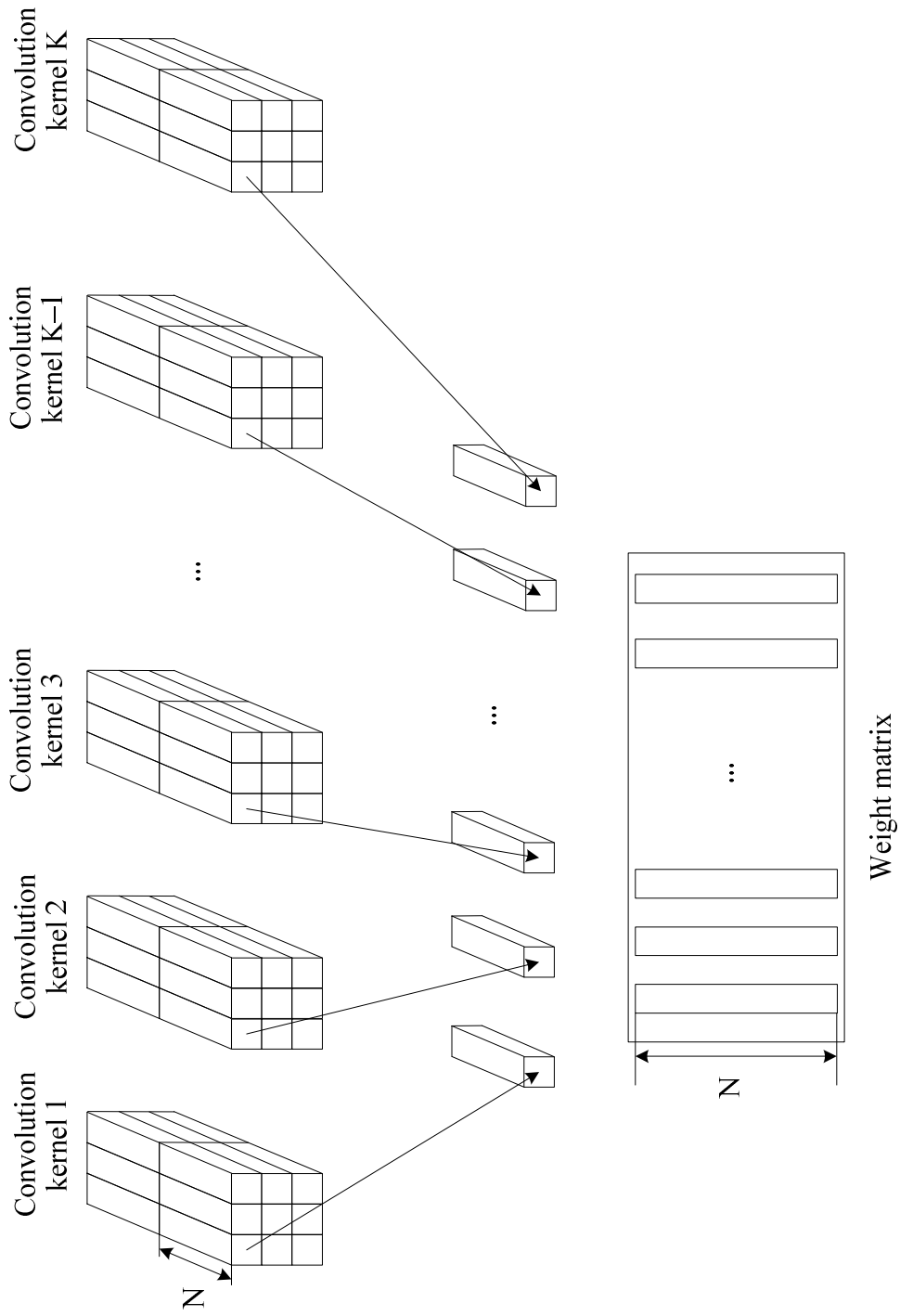


FIG. 2

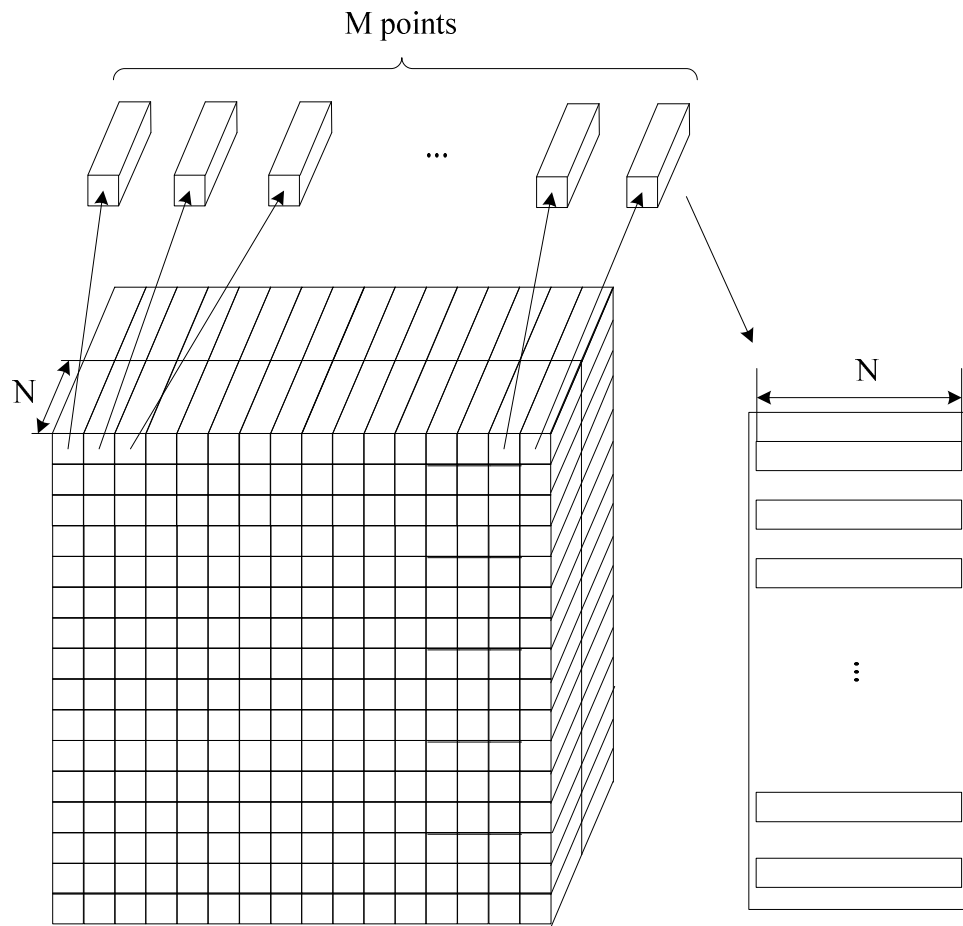


FIG. 3

$$\begin{bmatrix} A_{11} & A_{12} & \cdots & A_{1N} \\ A_{21} & A_{22} & \cdots & A_{2N} \\ \vdots & \vdots & \ddots & \vdots \\ A_{M1} & A_{M2} & \cdots & A_{MN} \end{bmatrix} \begin{bmatrix} B_{11} & B_{12} & \cdots & B_{1K} \\ B_{21} & B_{22} & \cdots & B_{2K} \\ \vdots & \vdots & \ddots & \vdots \\ B_{N1} & B_{N2} & \cdots & B_{NK} \end{bmatrix} = \begin{bmatrix} \sum_j^N A_{1j} B_{j1} & \sum_j^N A_{1j} B_{j2} & \cdots & \sum_j^N A_{1j} B_{jK} \\ \sum_j^N A_{2j} B_{j1} & \sum_j^N A_{2j} B_{j2} & \cdots & \sum_j^N A_{2j} B_{jK} \\ \vdots & \vdots & \ddots & \vdots \\ \sum_j^N A_{Mj} B_{j1} & \sum_j^N A_{Mj} B_{j2} & \cdots & \sum_j^N A_{Mj} B_{jK} \end{bmatrix}$$

Matrix A
Matrix B
Matrix C

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FIG. 4

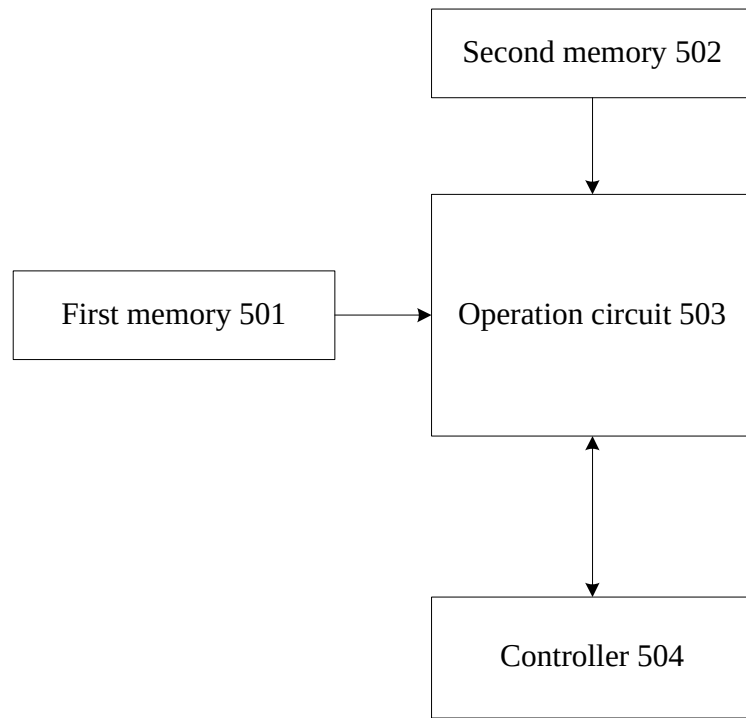


FIG. 5

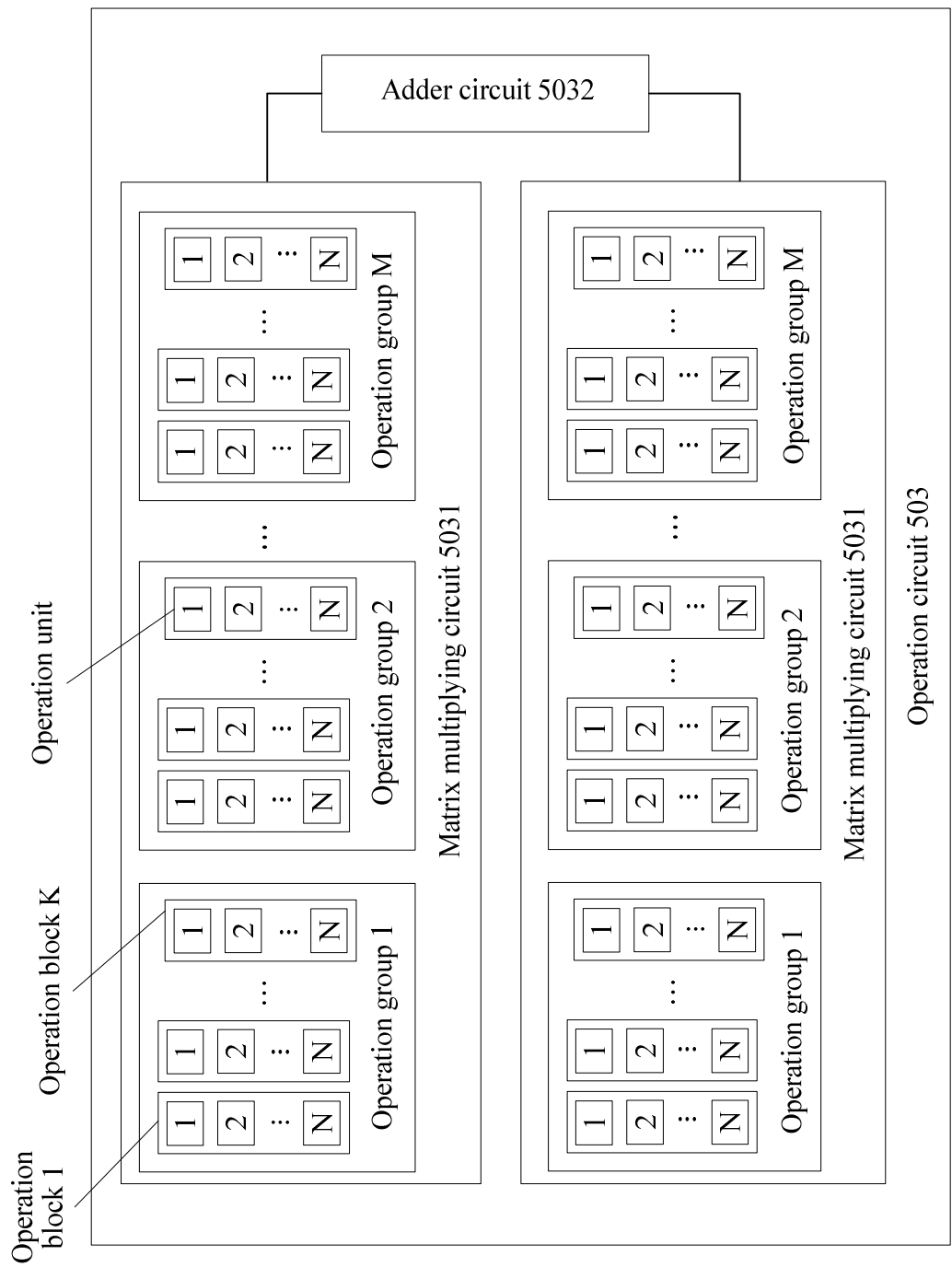


FIG. 6

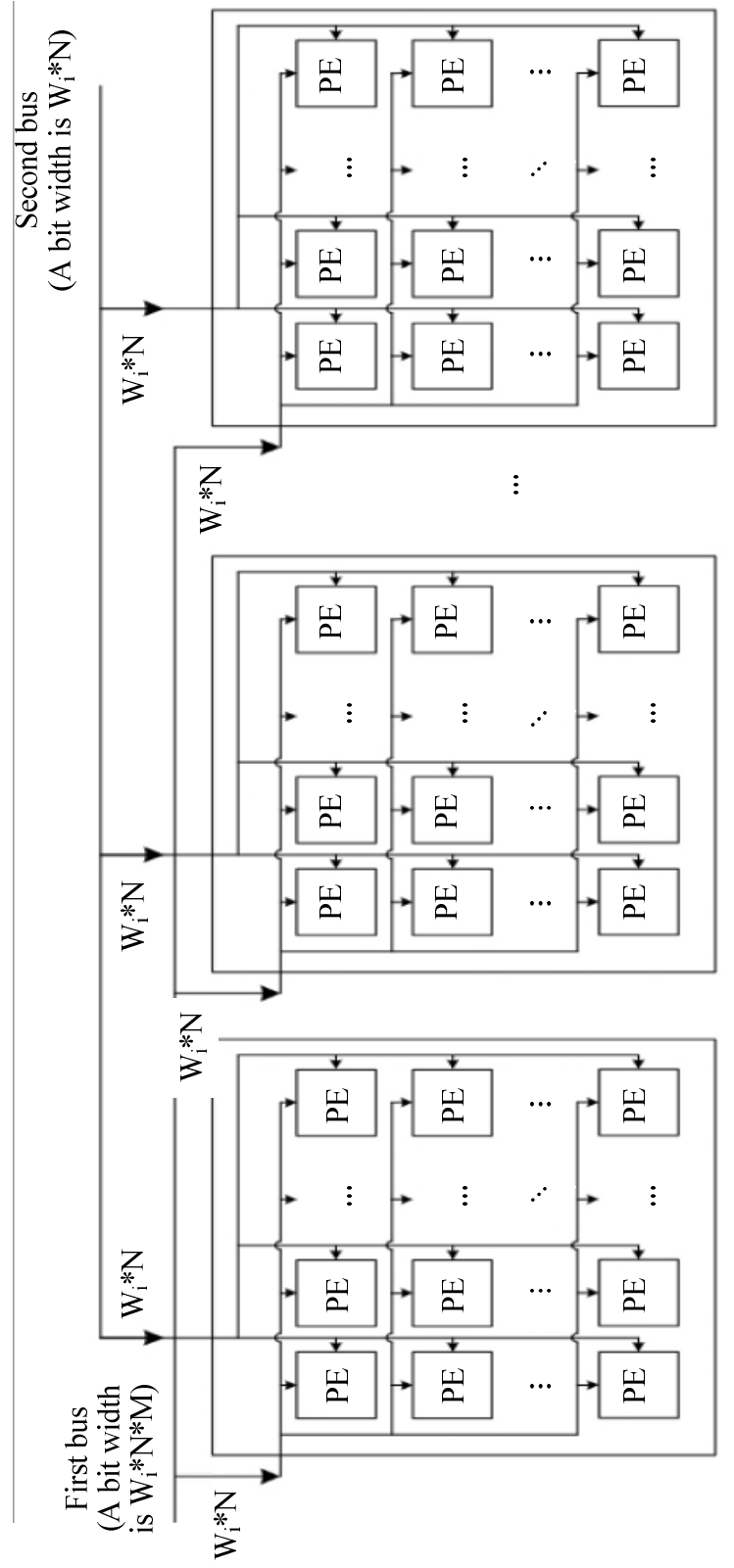


FIG. 7

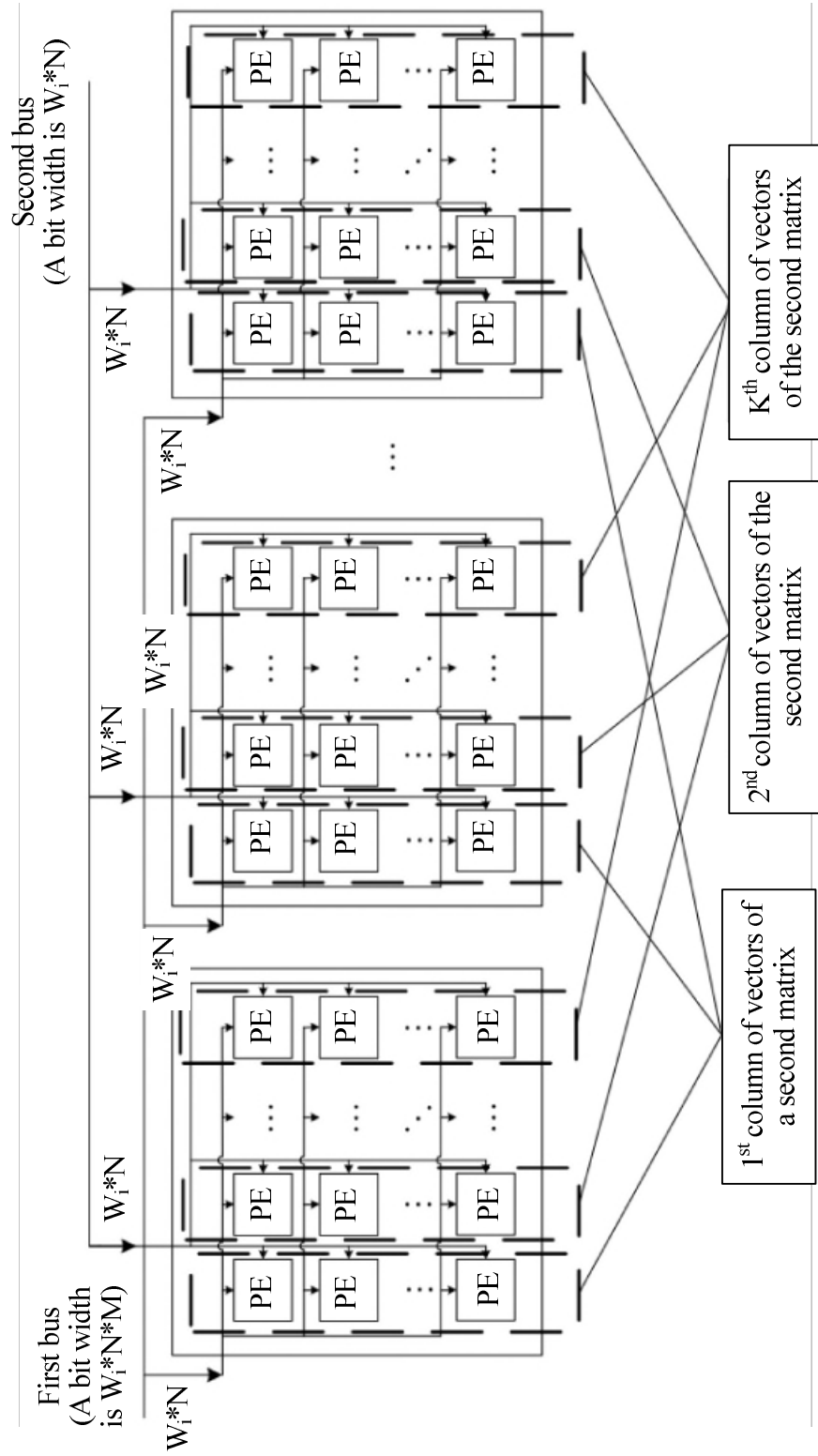


FIG. 8

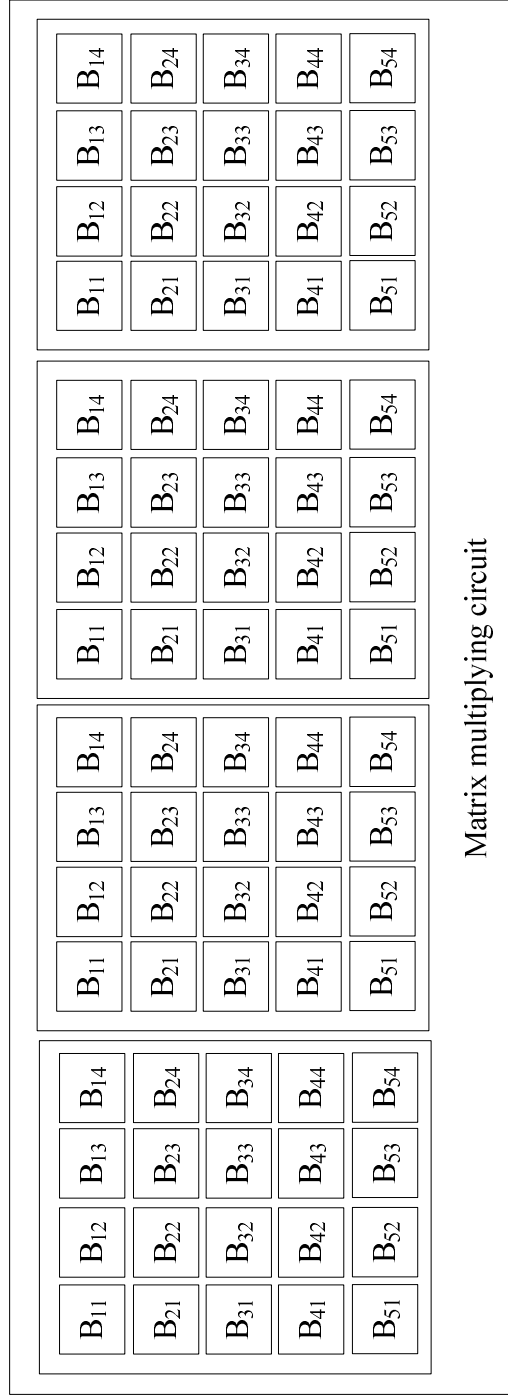


FIG. 9

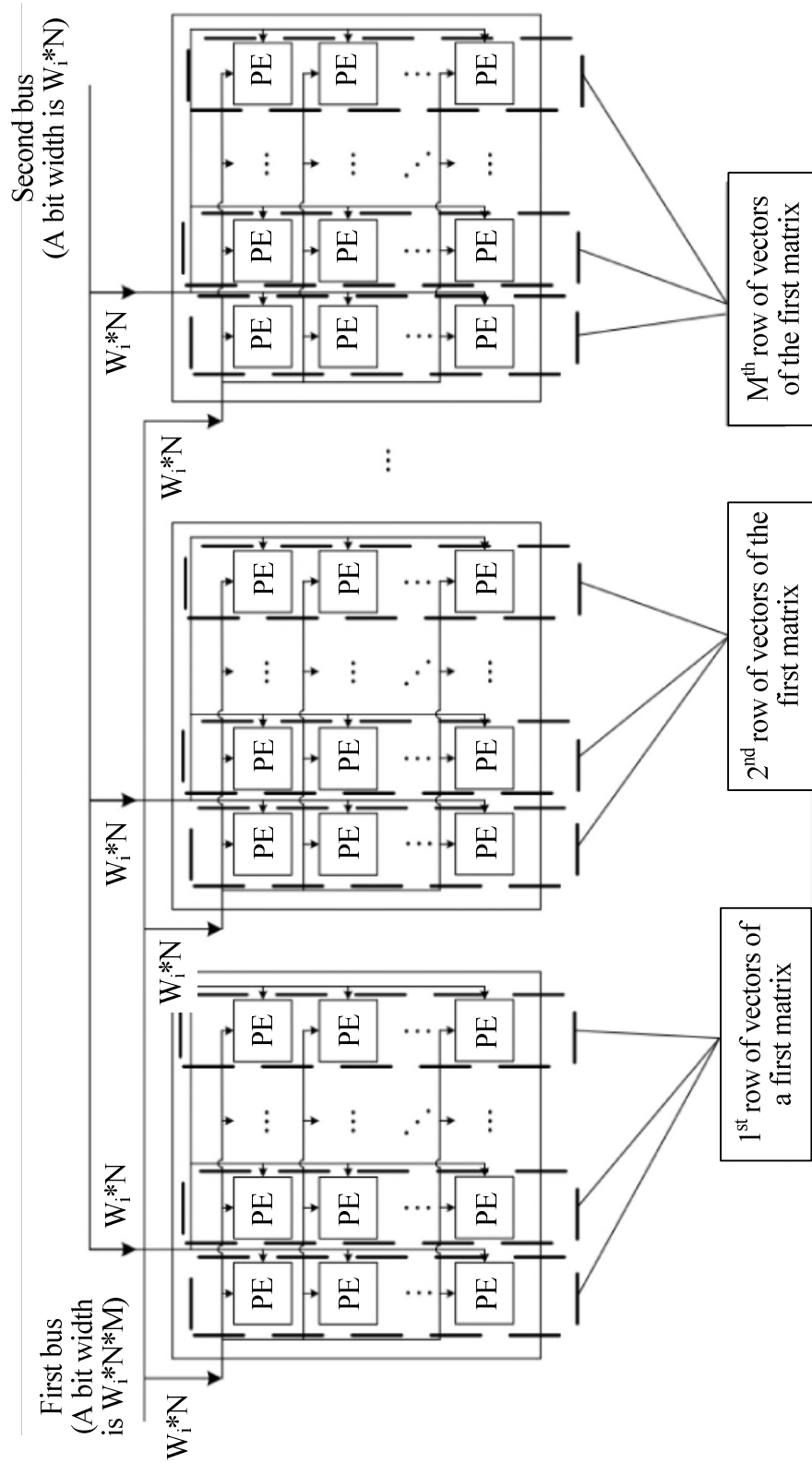


FIG. 10

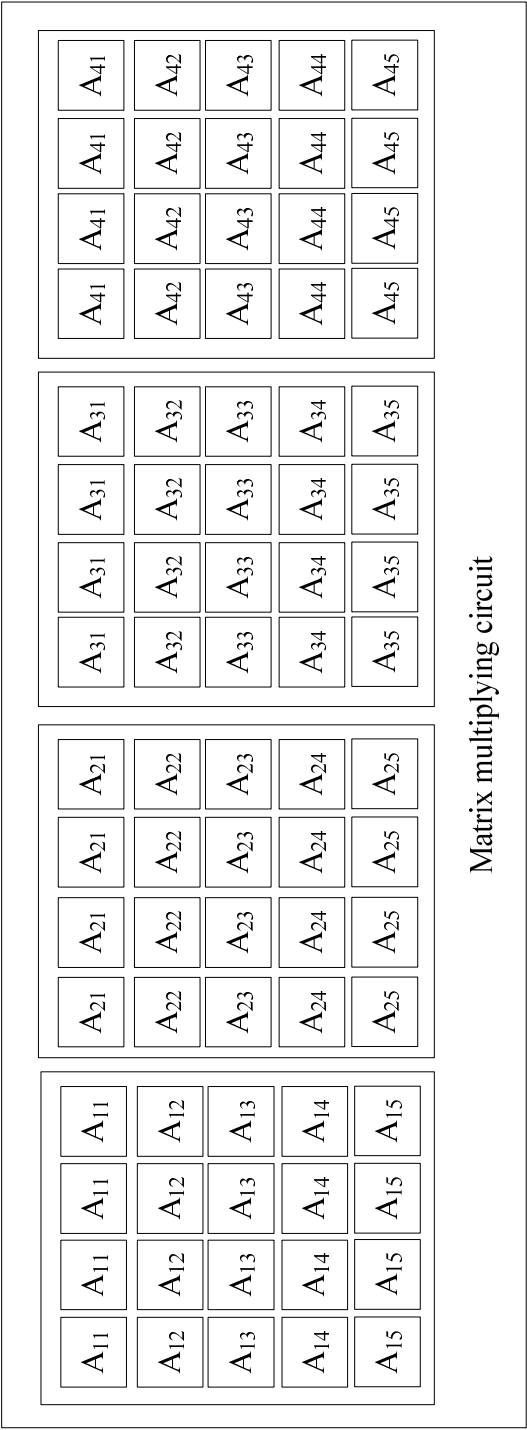


FIG. 11

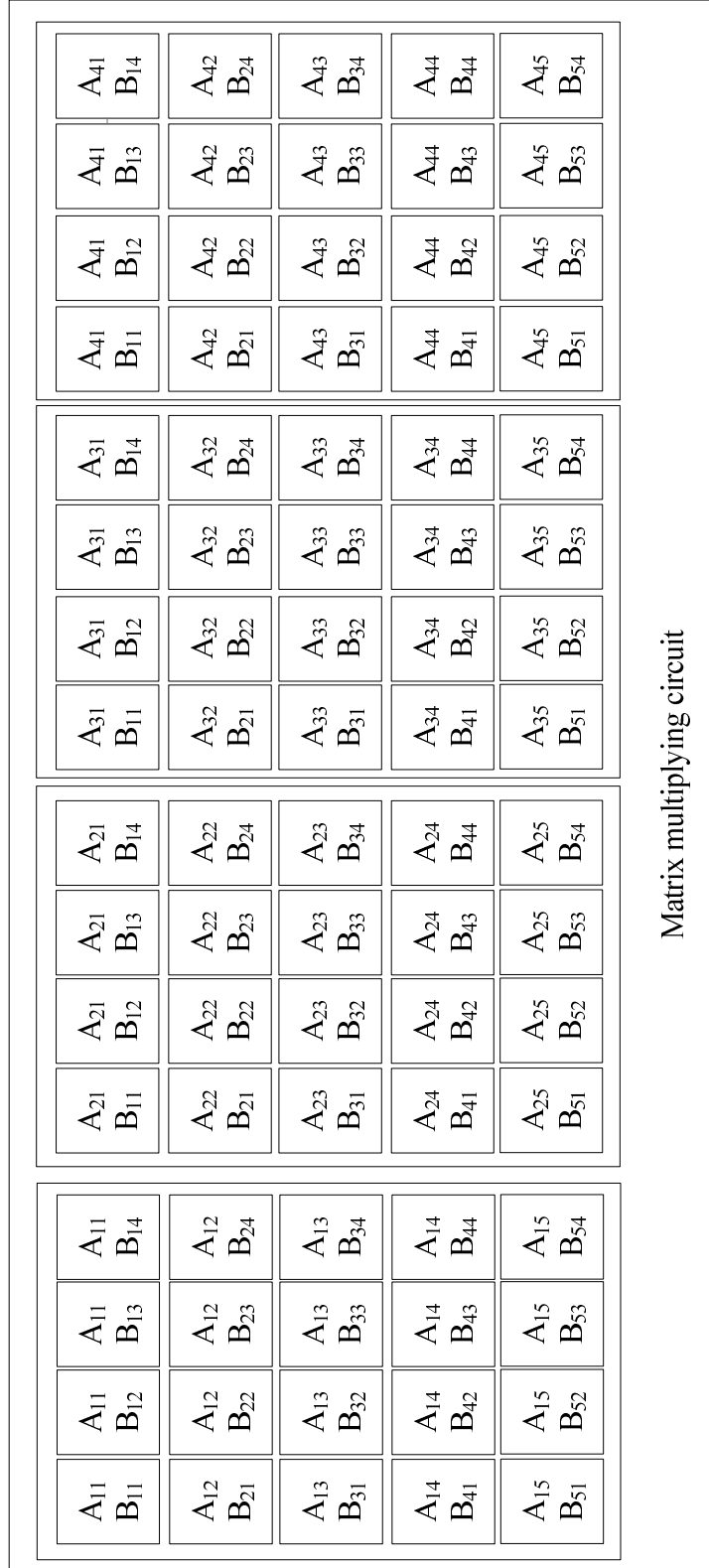


FIG. 12

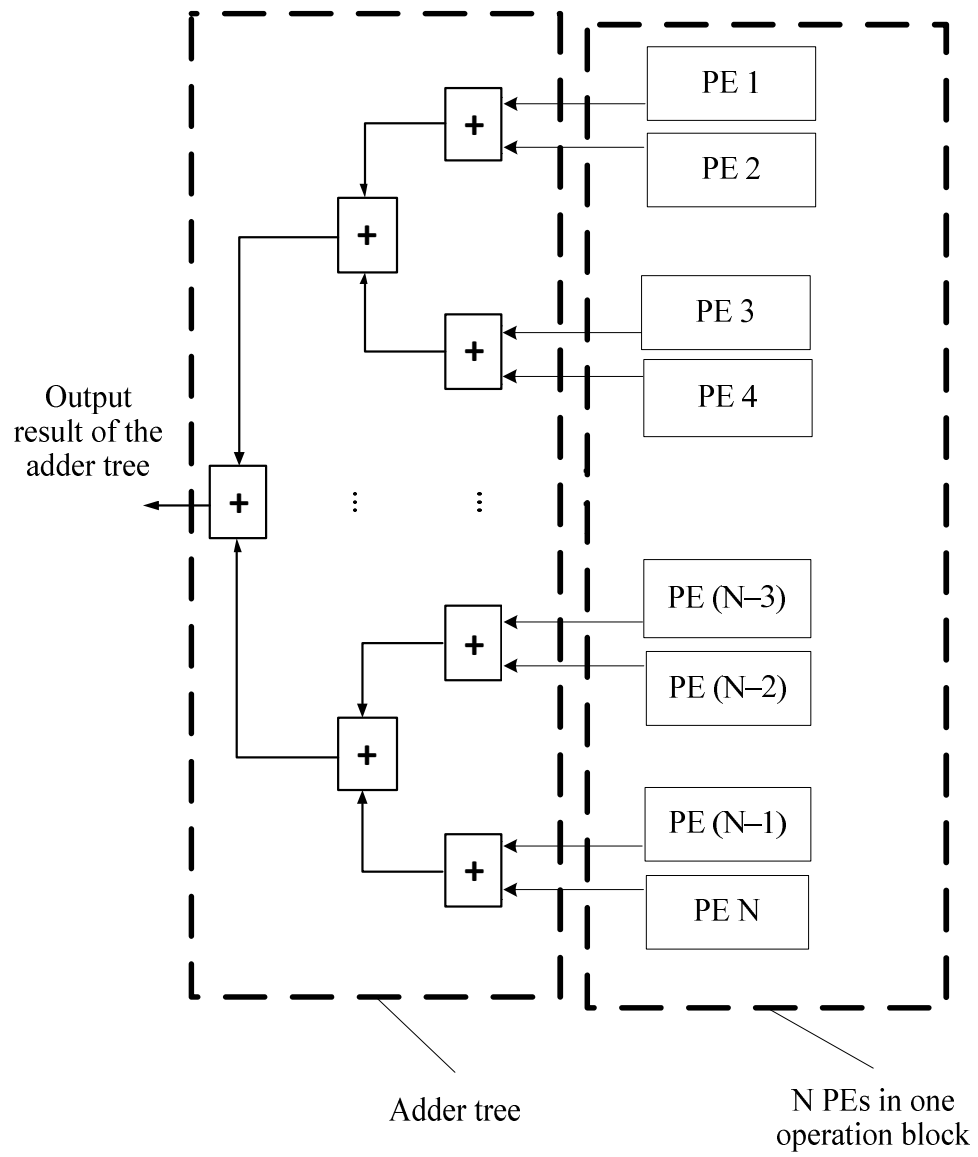


FIG. 13

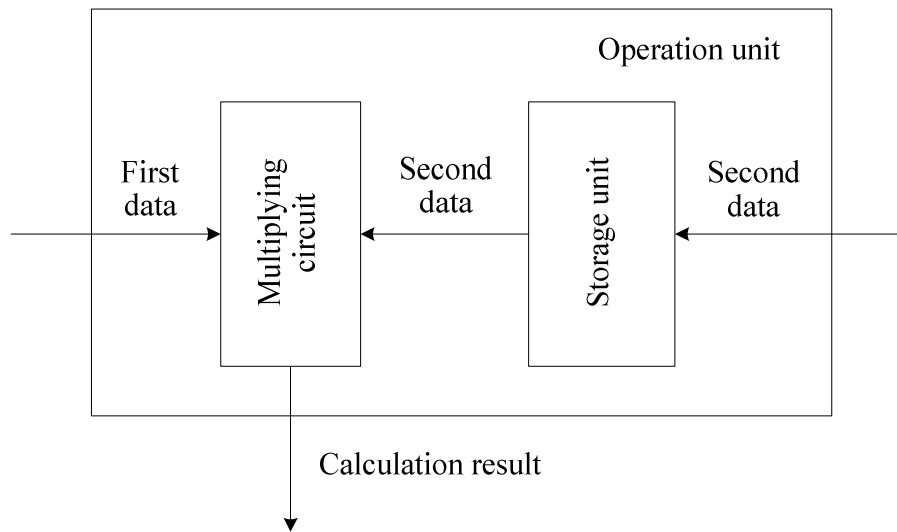


FIG. 14

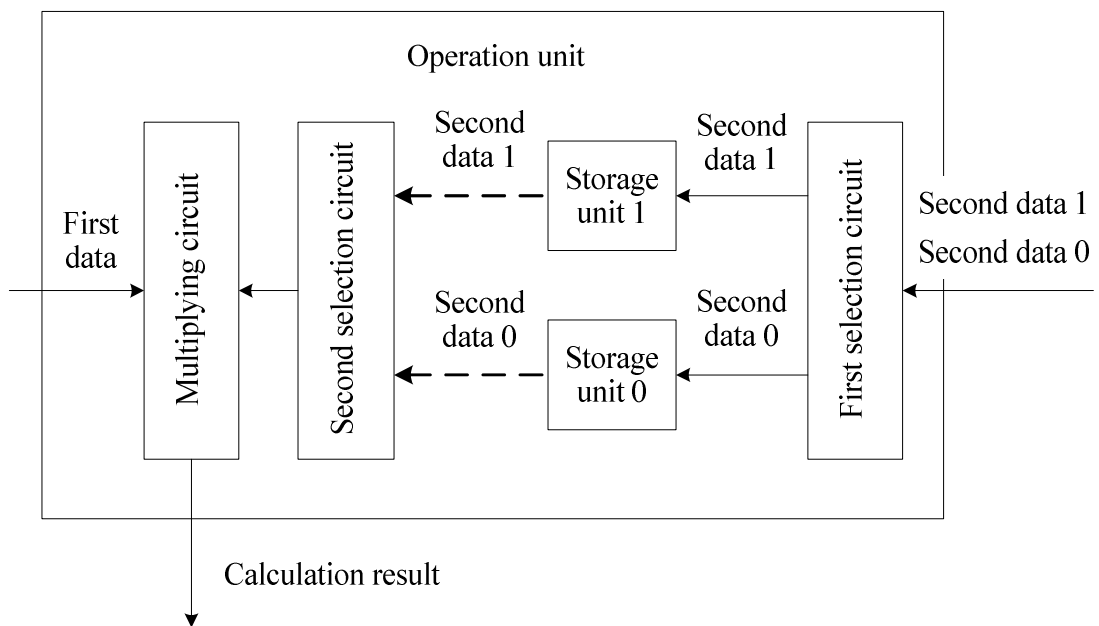


FIG. 15

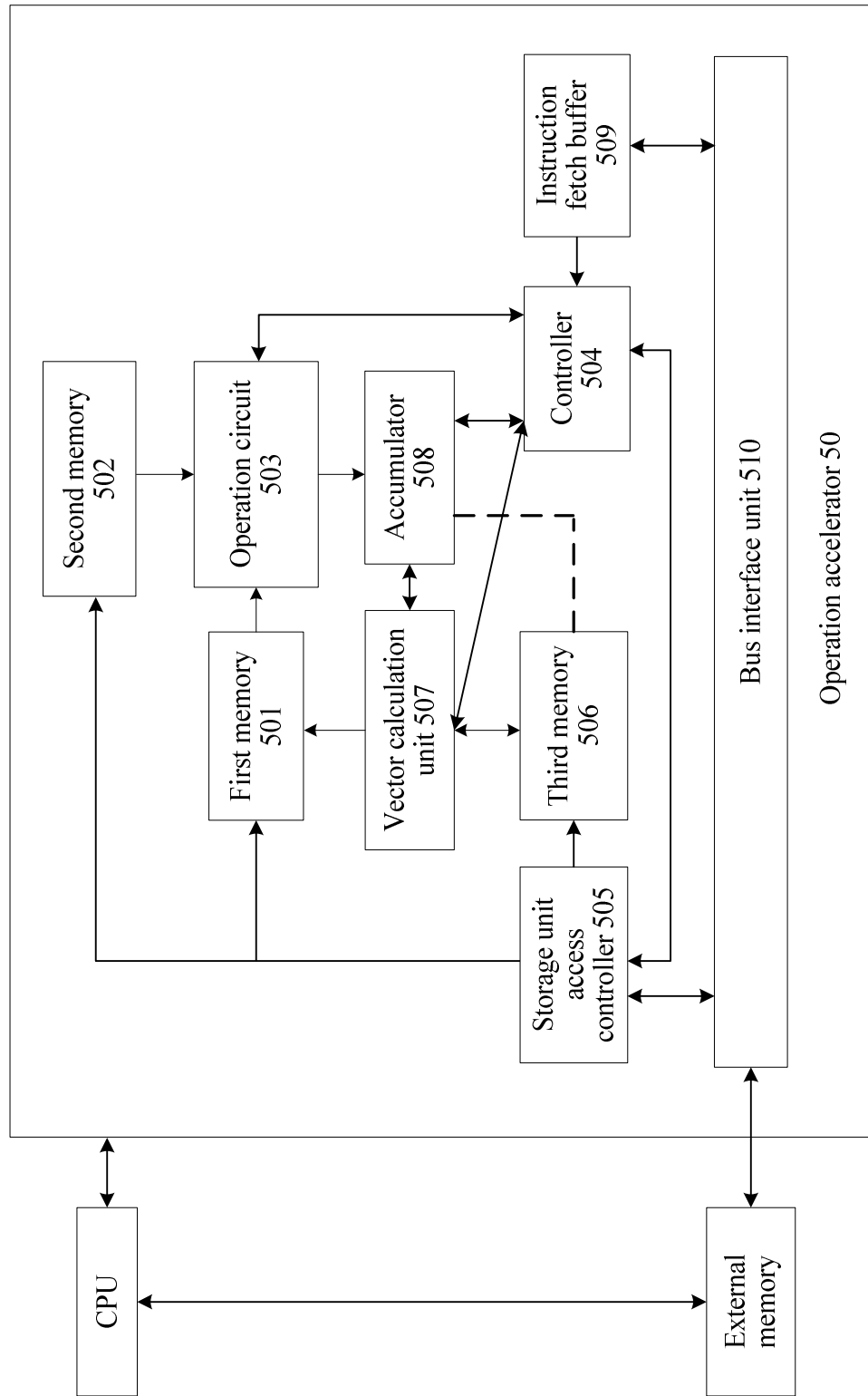


FIG. 16

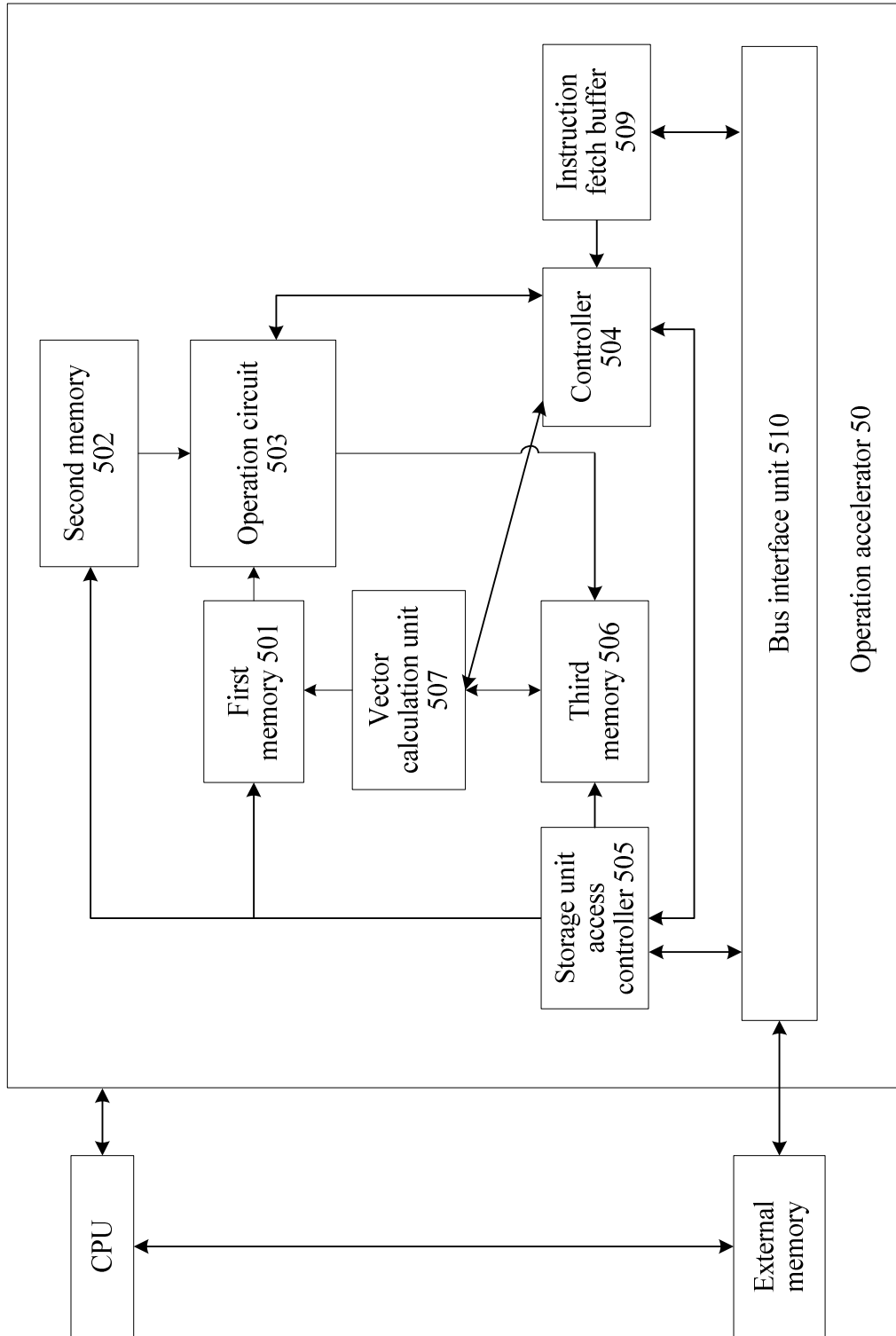


FIG. 17

|     |     |     |     |     |   |   |   |
|-----|-----|-----|-----|-----|---|---|---|
| I0  | I1  | I2  | I3  | I4  | 0 | 0 | 0 |
| I5  | I6  | I7  | I8  | I9  | 0 | 0 | 0 |
| I10 | I11 | I12 | I13 | I14 | 0 | 0 | 0 |
| I15 | I16 | I17 | I18 | I19 | 0 | 0 | 0 |
| 0   | 0   | 0   | 0   | 0   | 0 | 0 | 0 |
| 0   | 0   | 0   | 0   | 0   | 0 | 0 | 0 |
| 0   | 0   | 0   | 0   | 0   | 0 | 0 | 0 |
| 0   | 0   | 0   | 0   | 0   | 0 | 0 | 0 |

A 4\*5 matrix is  
reshaped to an  
8\*8 matrix  
through padding

|     |     |     |     |     |     |     |     |
|-----|-----|-----|-----|-----|-----|-----|-----|
| W0  | W1  | W2  | W3  | W4  | W5  | W6  | W7  |
| W8  | W9  | W10 | W11 | W12 | W13 | W14 | W15 |
| W16 | W17 | W18 | W19 | W20 | W21 | W22 | W23 |
| W24 | W25 | W26 | W27 | W28 | W29 | W30 | W31 |
| W32 | W33 | W34 | W35 | W36 | W37 | W38 | W39 |
| 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   |
| 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   |
| 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   |

A 5\*8 matrix is  
reshaped to an  
8\*8 matrix  
through padding

FIG. 18

$$\begin{array}{c}
 \begin{array}{cc}
 & \begin{array}{c} \text{A1} \\ \diagdown \end{array} \\
 \begin{array}{c} \text{A} = \end{array} & \left[ \begin{array}{cc}
 \begin{array}{|c|c|c|} \hline A_{11} & A_{12} & A_{13} \\ \hline A_{21} & A_{22} & A_{23} \\ \hline A_{31} & A_{32} & A_{33} \\ \hline \end{array} & \begin{array}{|c|c|c|} \hline A_{14} & A_{15} & 0 \\ \hline A_{24} & A_{25} & 0 \\ \hline A_{34} & A_{35} & 0 \\ \hline \end{array} \\
 \begin{array}{|c|c|c|} \hline A_{41} & A_{42} & A_{43} \\ \hline 0 & 0 & 0 \\ \hline 0 & 0 & 0 \\ \hline \end{array} & \begin{array}{|c|c|c|} \hline A_{44} & A_{45} & 0 \\ \hline 0 & 0 & 0 \\ \hline 0 & 0 & 0 \\ \hline \end{array} \\
 \begin{array}{c} \text{C1} \quad \quad \text{D1} \end{array}
 \end{array}
 \right]
 \end{array}
 &
 \begin{array}{cc}
 & \begin{array}{c} \text{A2} \\ \diagdown \end{array} \\
 \begin{array}{c} \text{B} = \end{array} & \left[ \begin{array}{cc}
 \begin{array}{|c|c|c|} \hline B_{11} & B_{12} & B_{13} \\ \hline B_{21} & B_{22} & B_{23} \\ \hline B_{31} & B_{32} & B_{33} \\ \hline \end{array} & \begin{array}{|c|c|c|} \hline B_{14} & 0 & 0 \\ \hline B_{24} & 0 & 0 \\ \hline B_{34} & 0 & 0 \\ \hline \end{array} \\
 \begin{array}{|c|c|c|} \hline B_{41} & B_{42} & B_{43} \\ \hline B_{51} & B_{52} & B_{53} \\ \hline 0 & 0 & 0 \\ \hline \end{array} & \begin{array}{|c|c|c|} \hline B_{44} & 0 & 0 \\ \hline B_{54} & 0 & 0 \\ \hline 0 & 0 & 0 \\ \hline \end{array} \\
 \begin{array}{c} \text{C2} \quad \quad \text{D2} \end{array}
 \end{array}
 \right]
 \end{array}
 \end{array}$$

FIG. 19

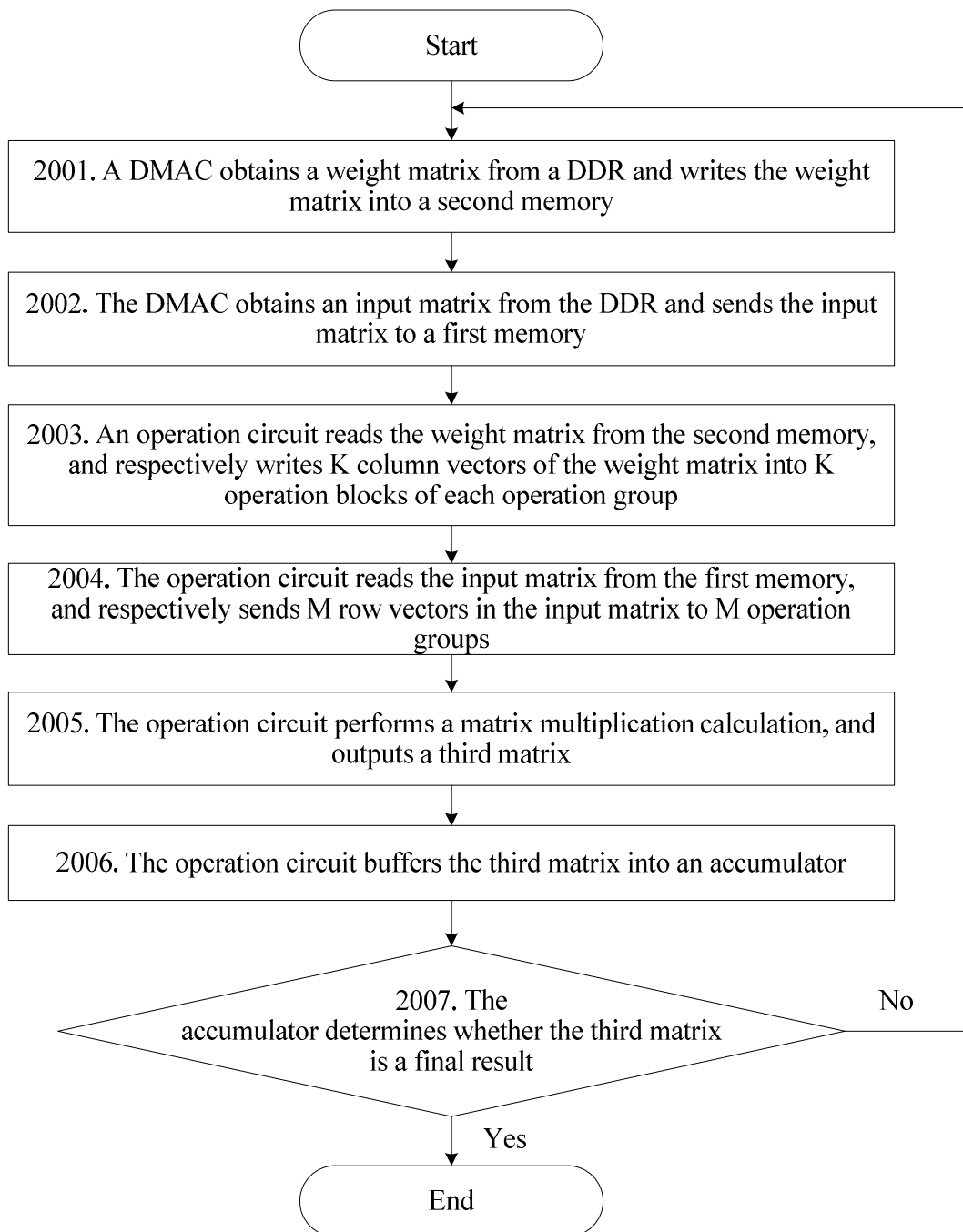


FIG. 20

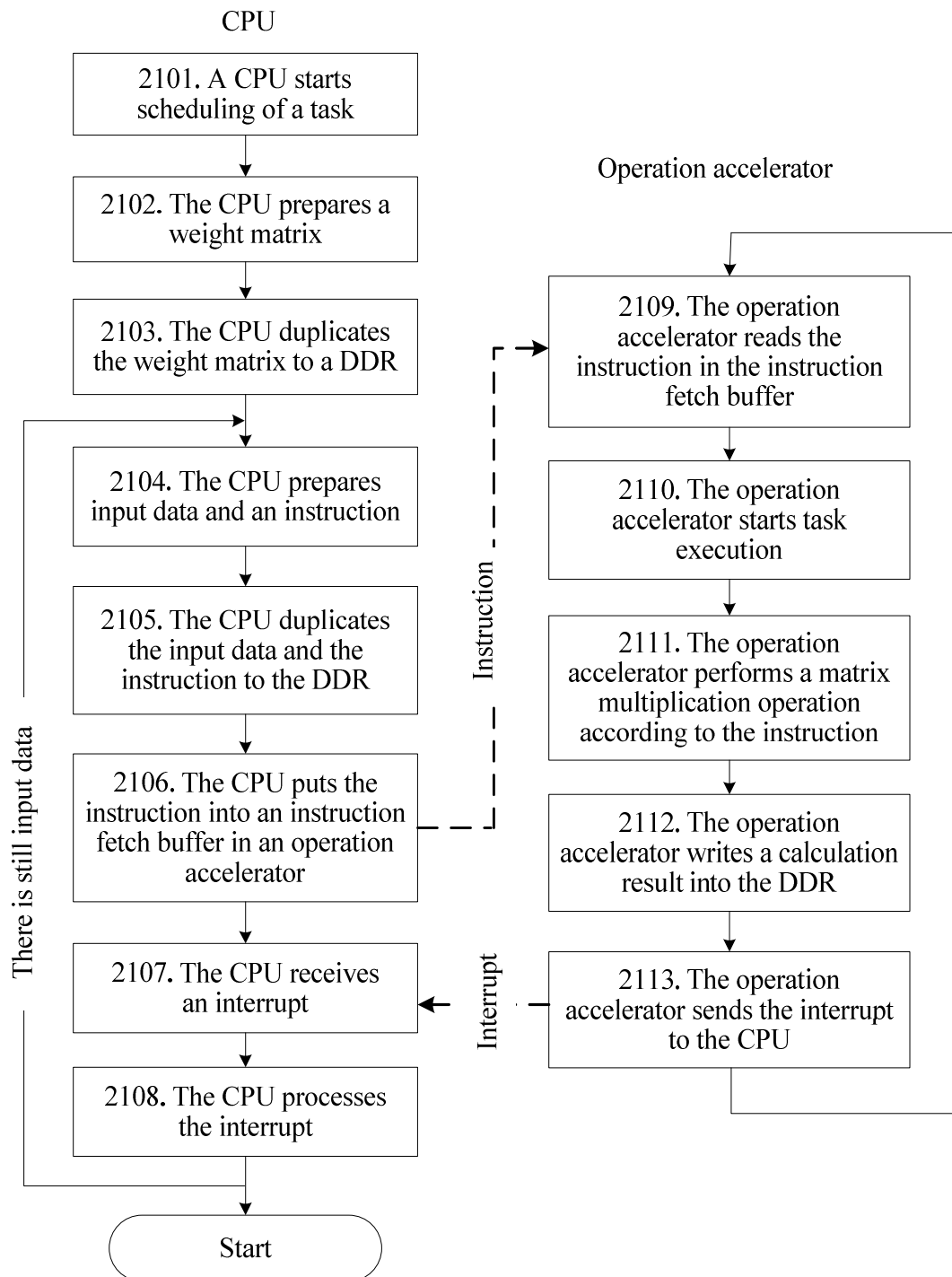


FIG. 21