

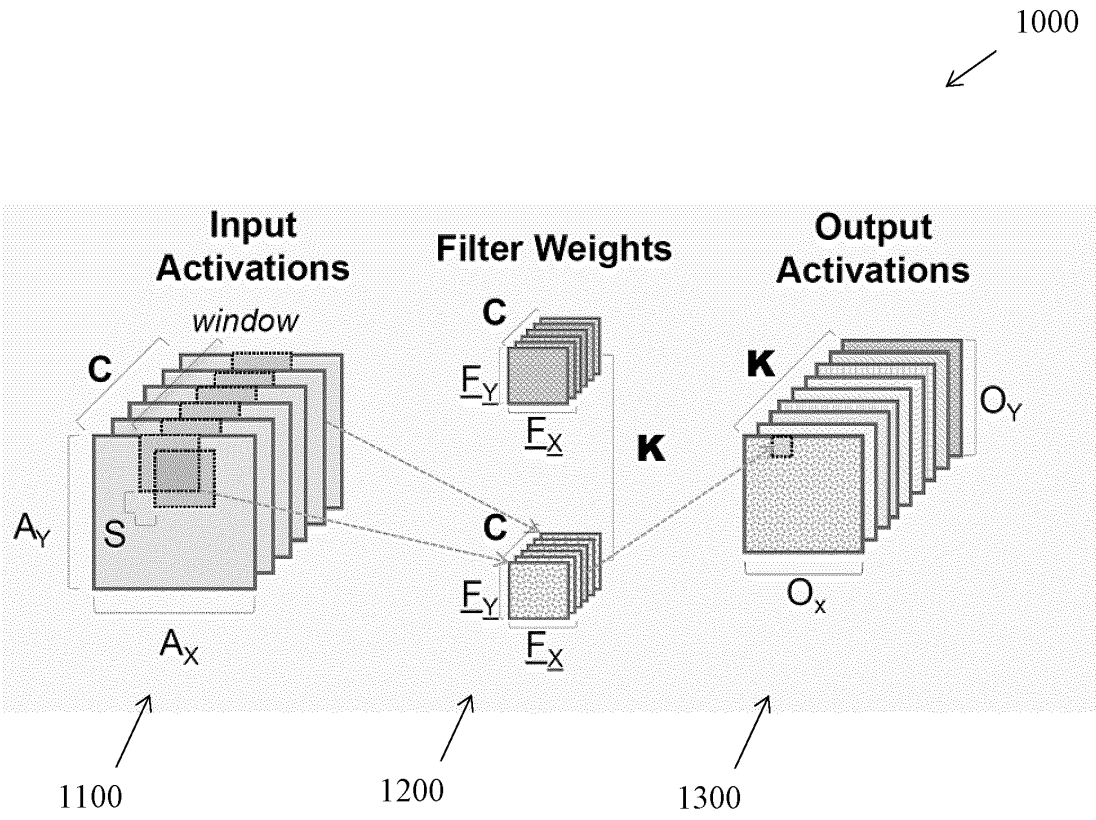
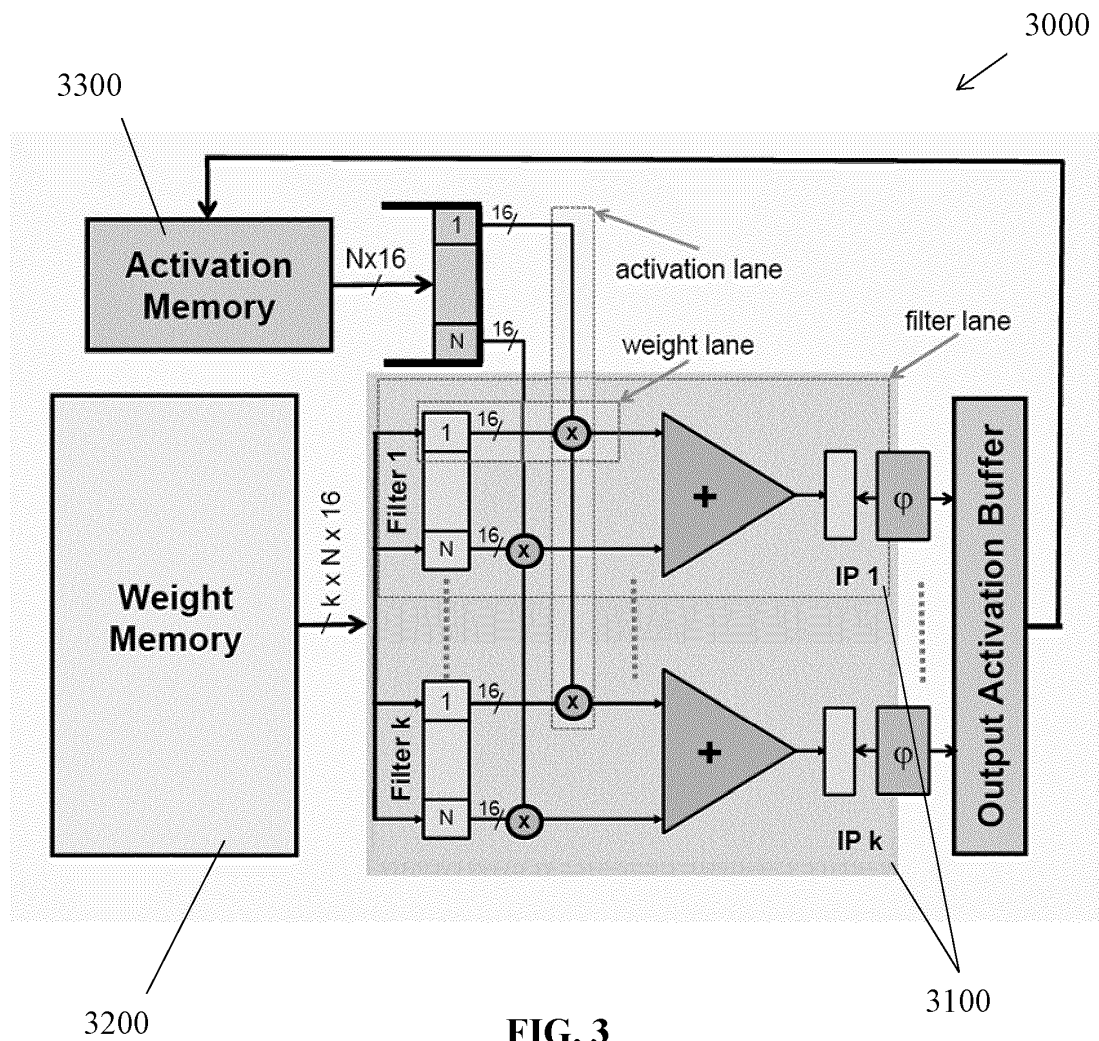


FIG. 1

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```
for wx = 0 to Ax-Fx step S
  for wy = 0 to Ay-Fy step S
    for c = 0 to C-1
      for fx = 0 to Fx-1
        for fy = 0 to Fy-1
          for k = 0 to K-1
            ax = wx + fx
            ay = wy + fy
            ox = wx / S
            oy = wy / S
            O[ox, oy, c] +=
              F[k][fx, fy, c] * A[ax,ay,c]
```

FIG. 2



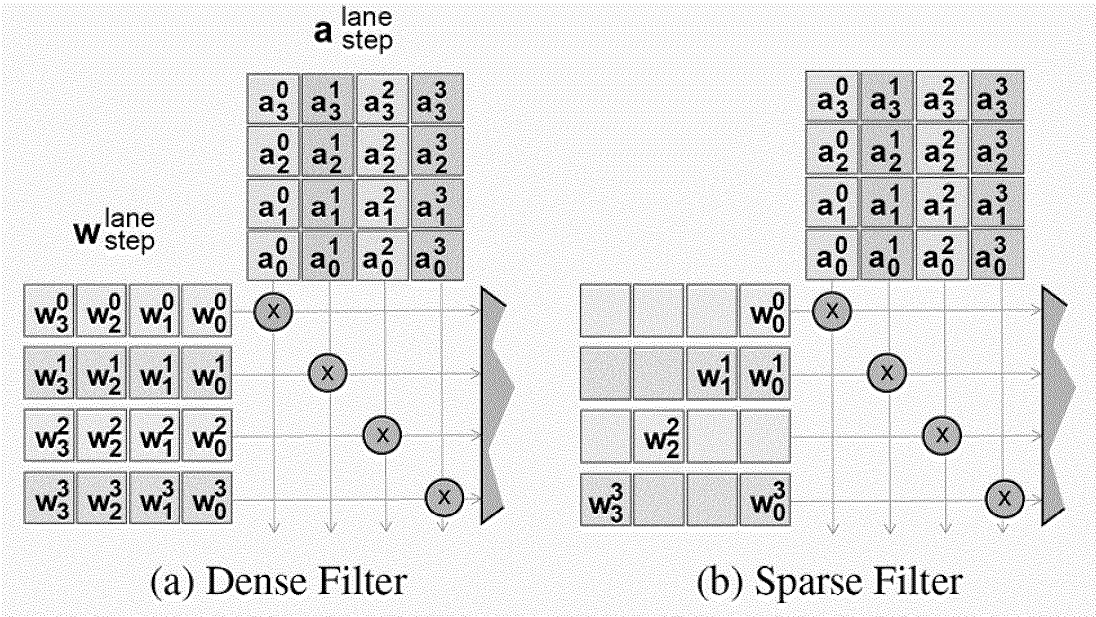


FIG. 4A

FIG. 4B

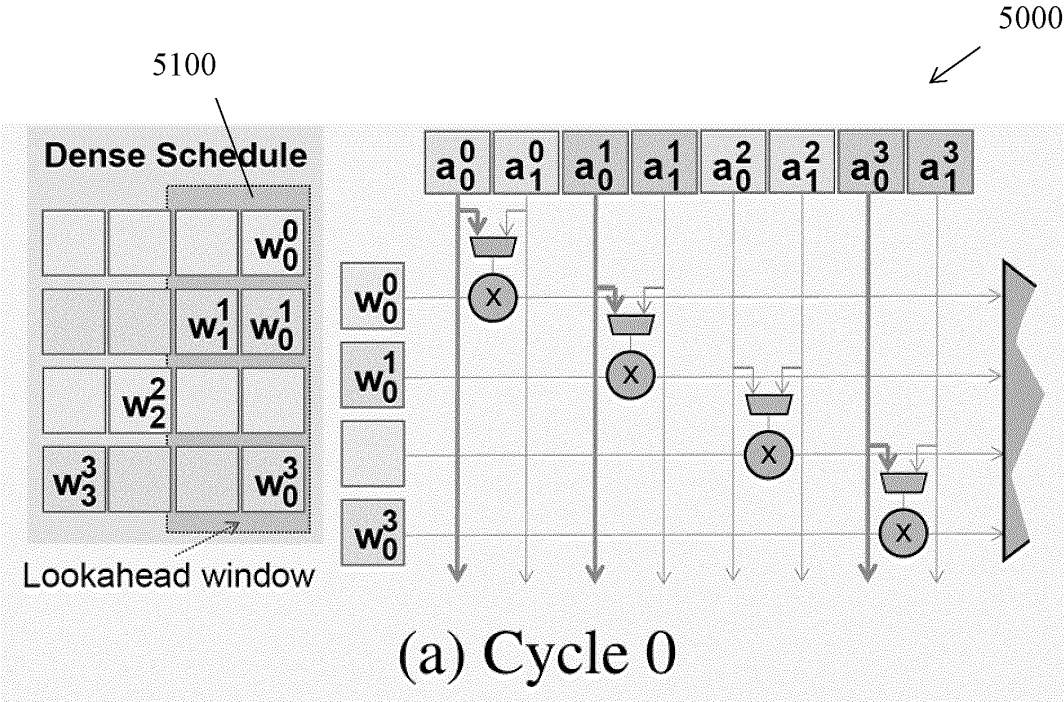


FIG. 5A

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5000

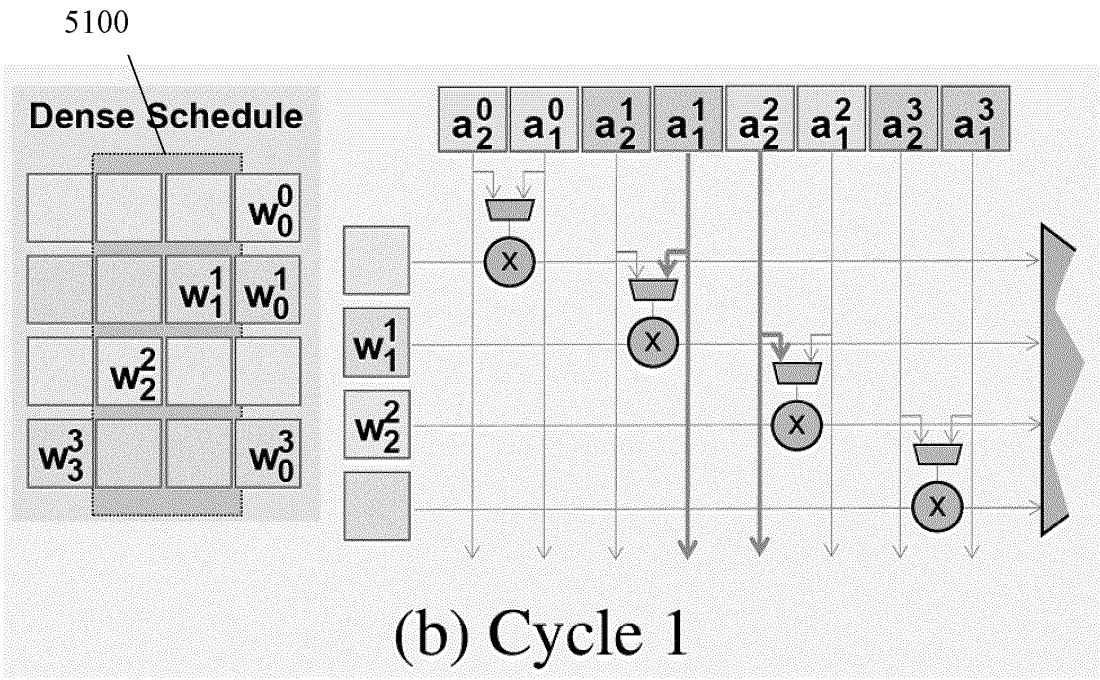


FIG. 5B

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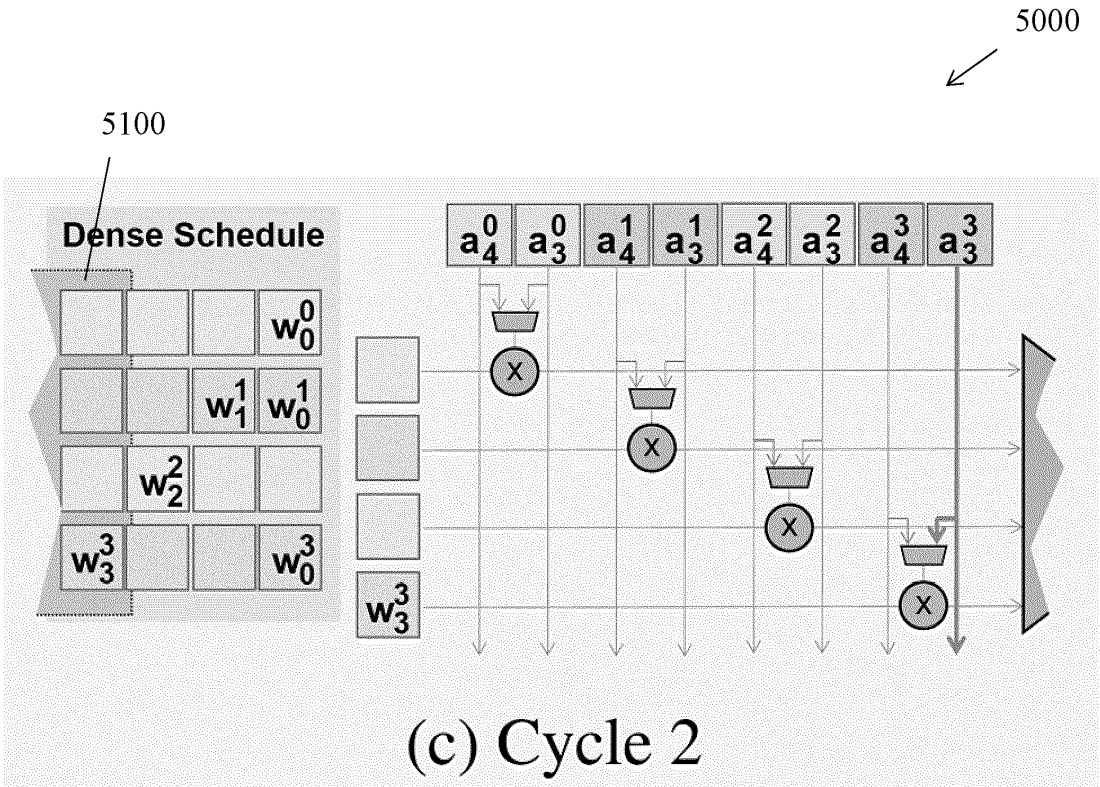


FIG. 5C

6000

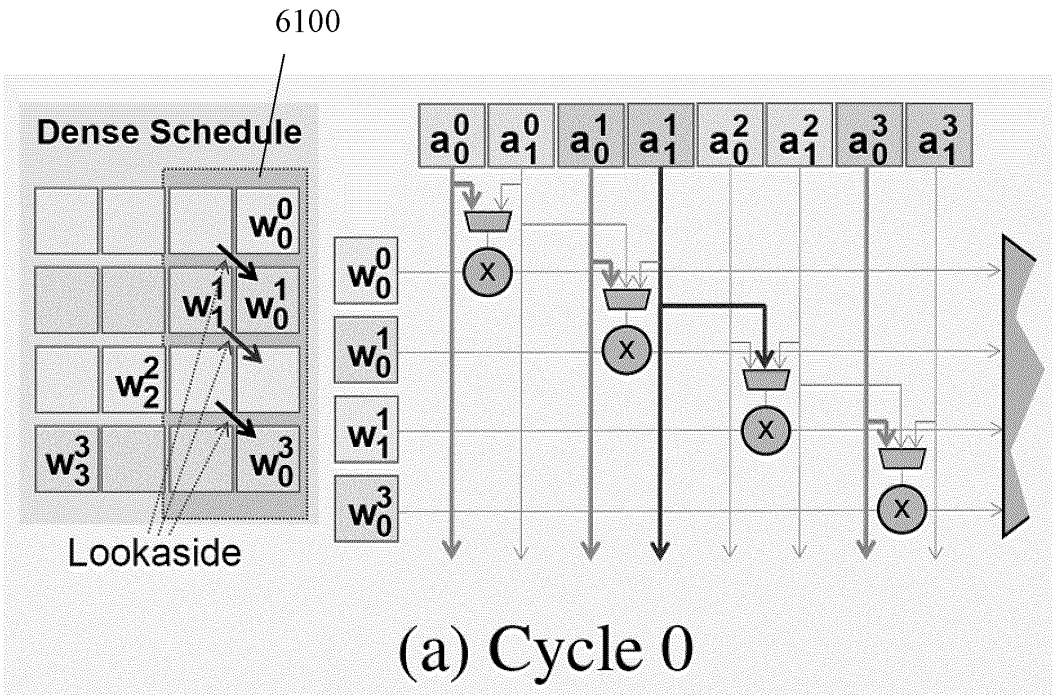


FIG. 6A

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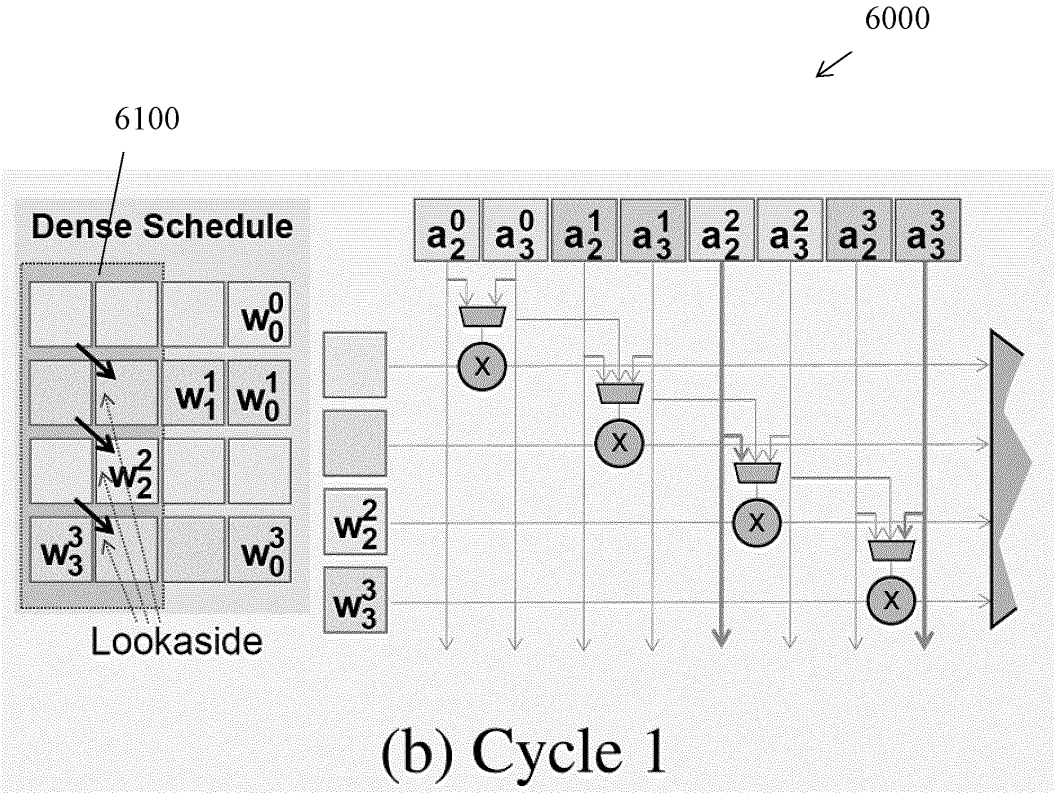


FIG. 6B

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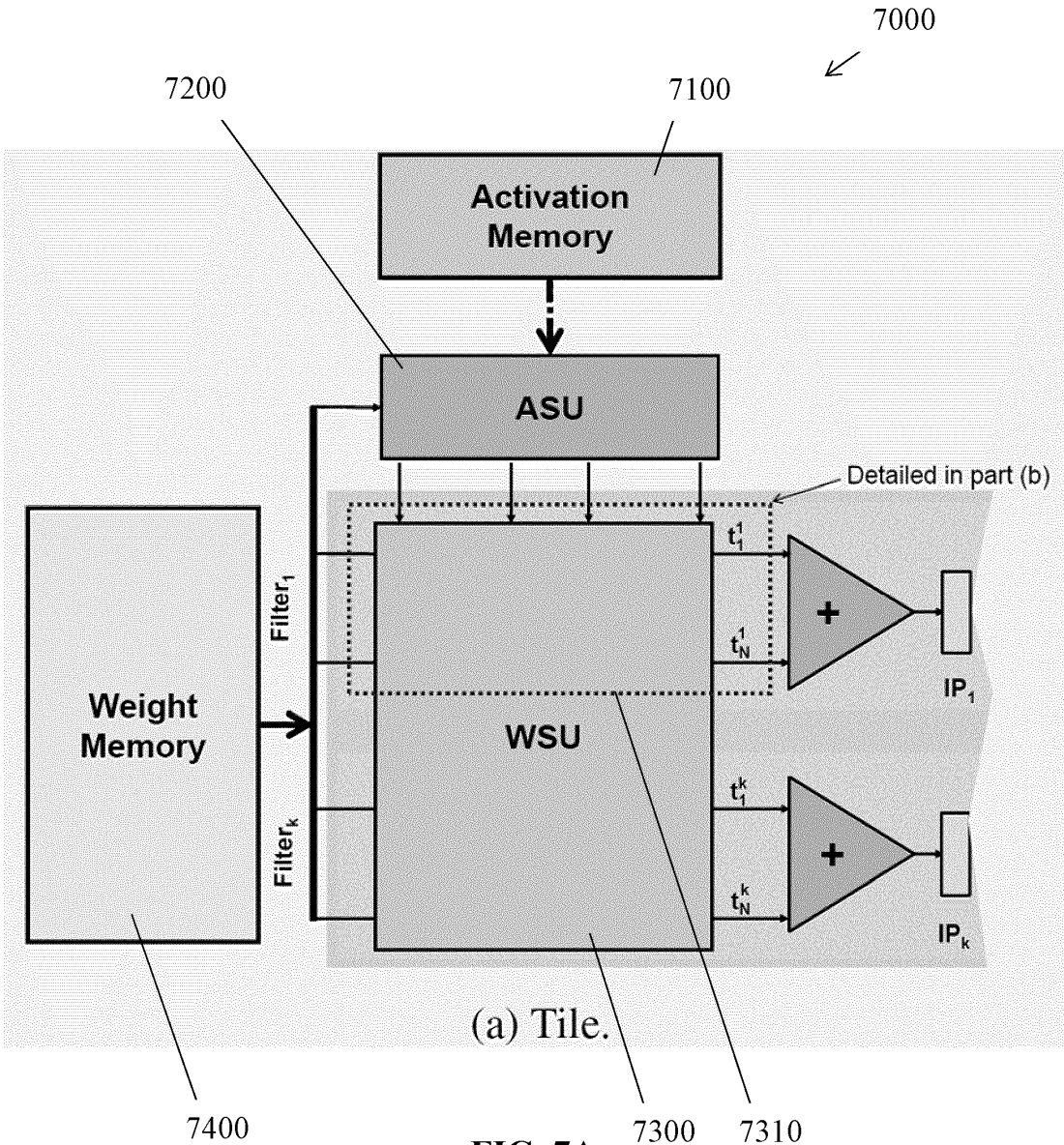


FIG. 7A

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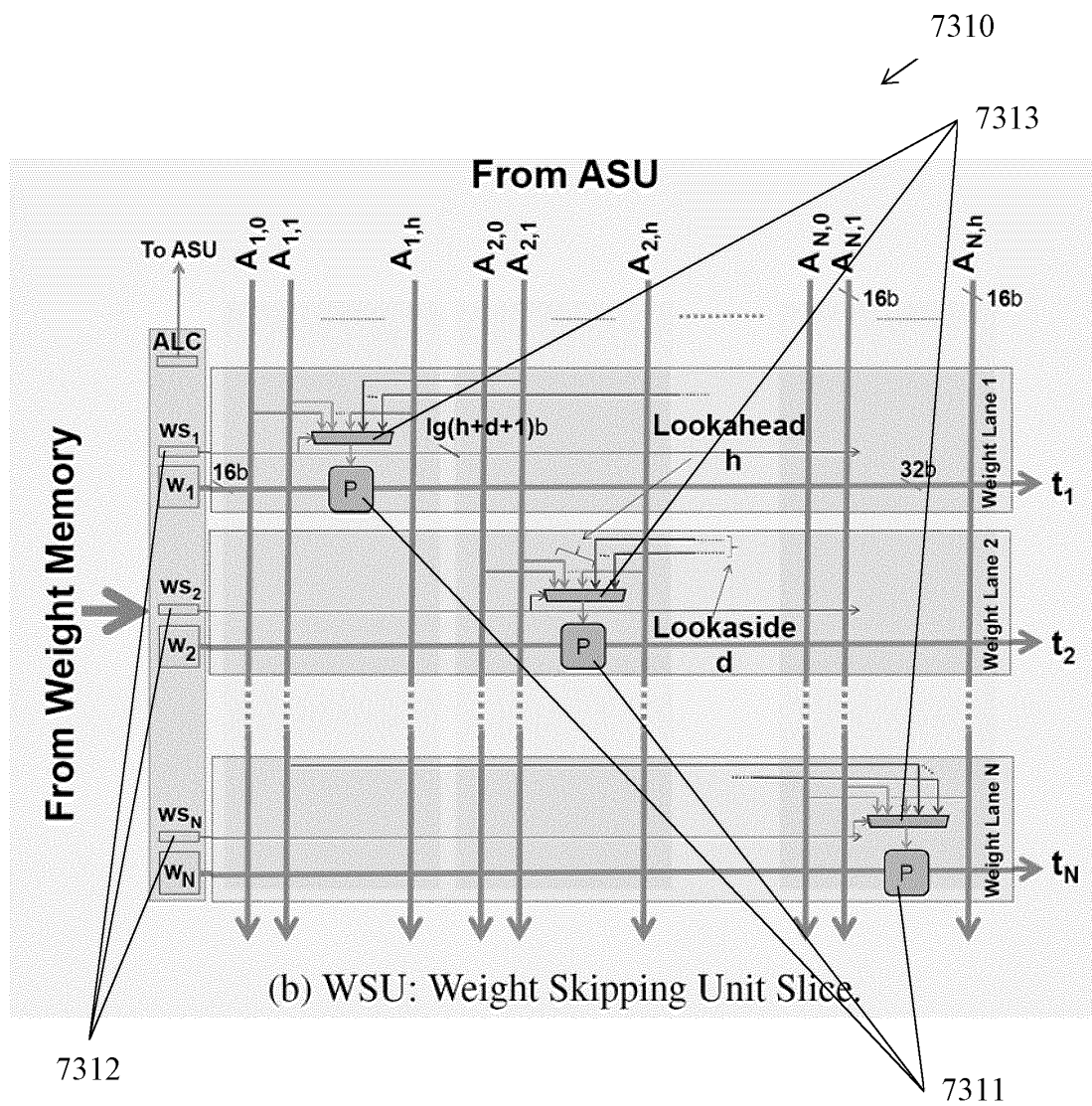


FIG. 7B

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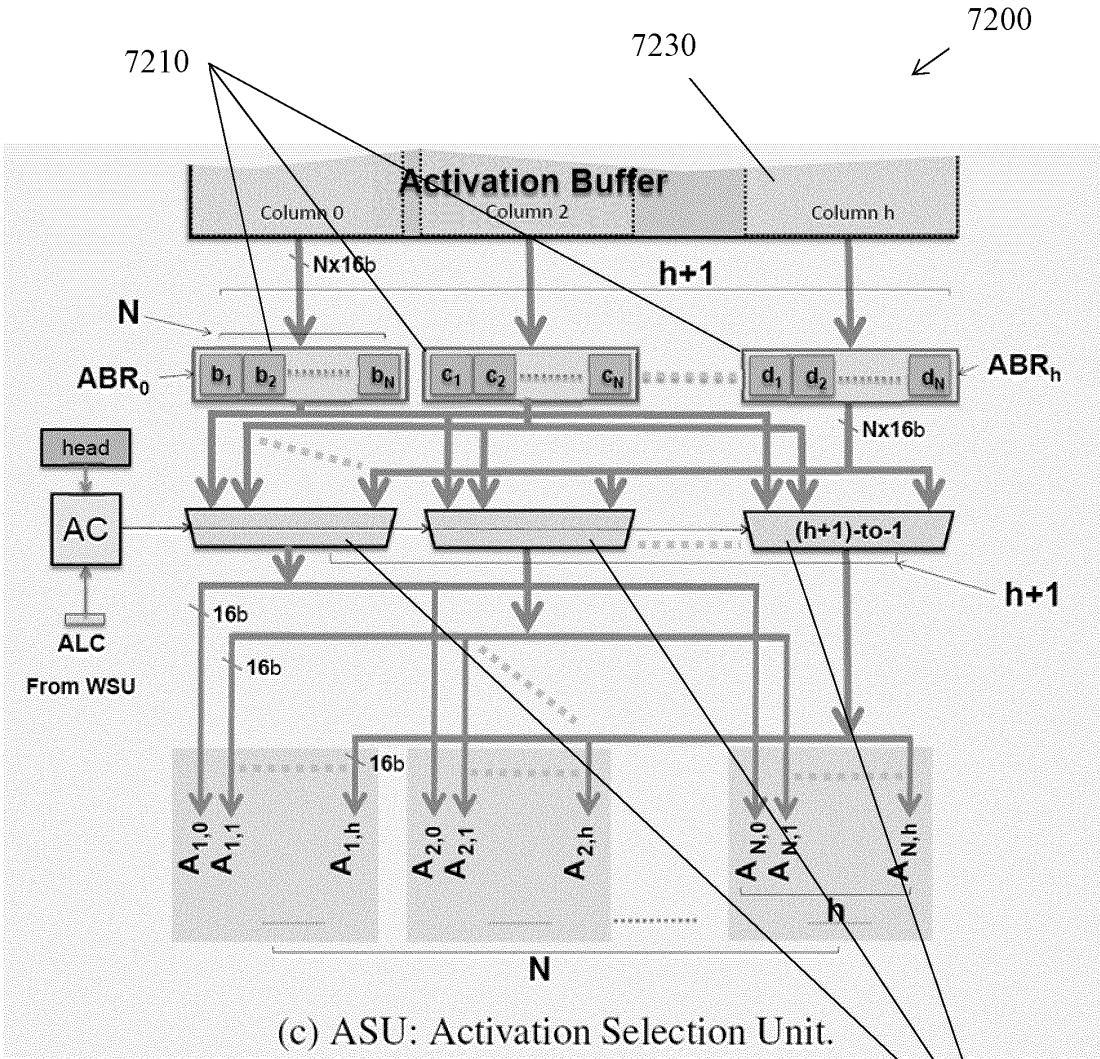


FIG. 7C

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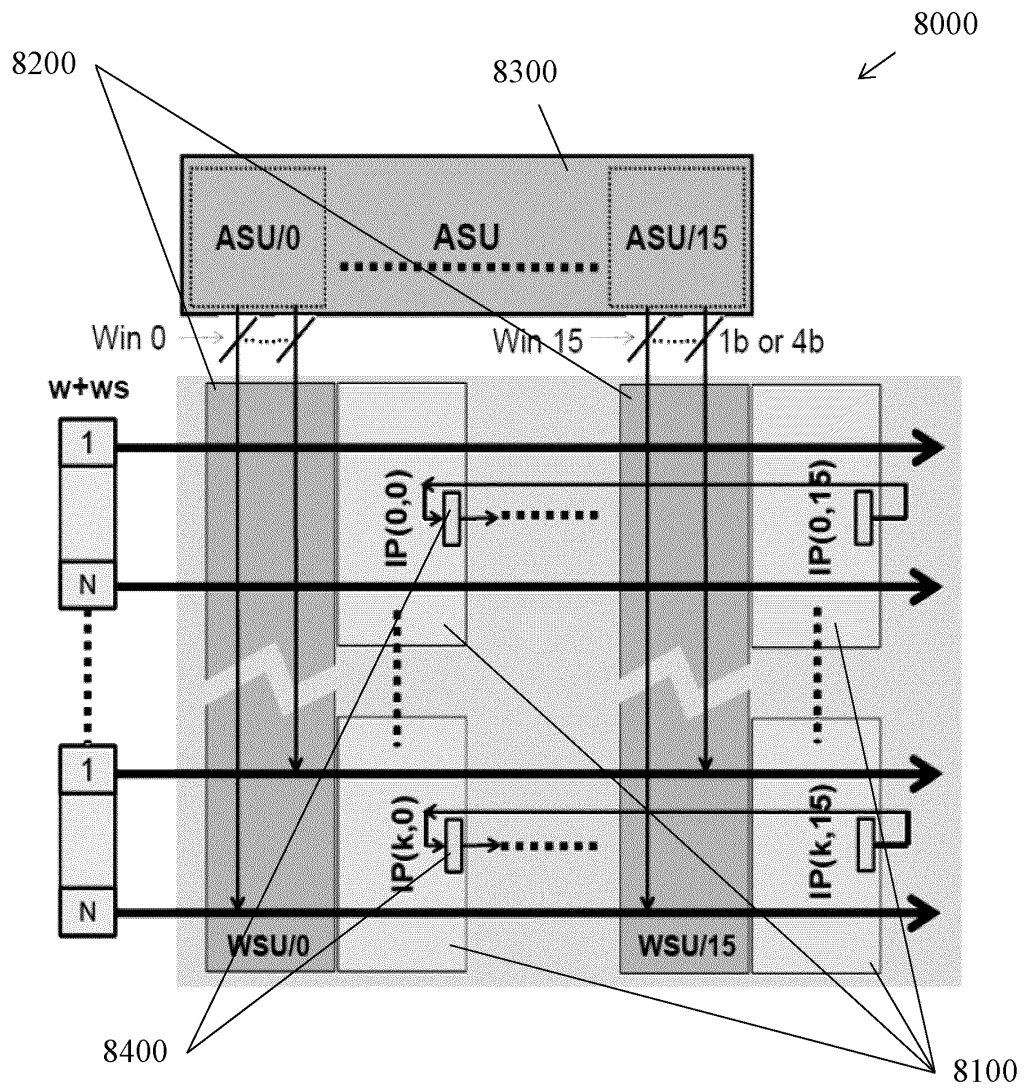


FIG. 8

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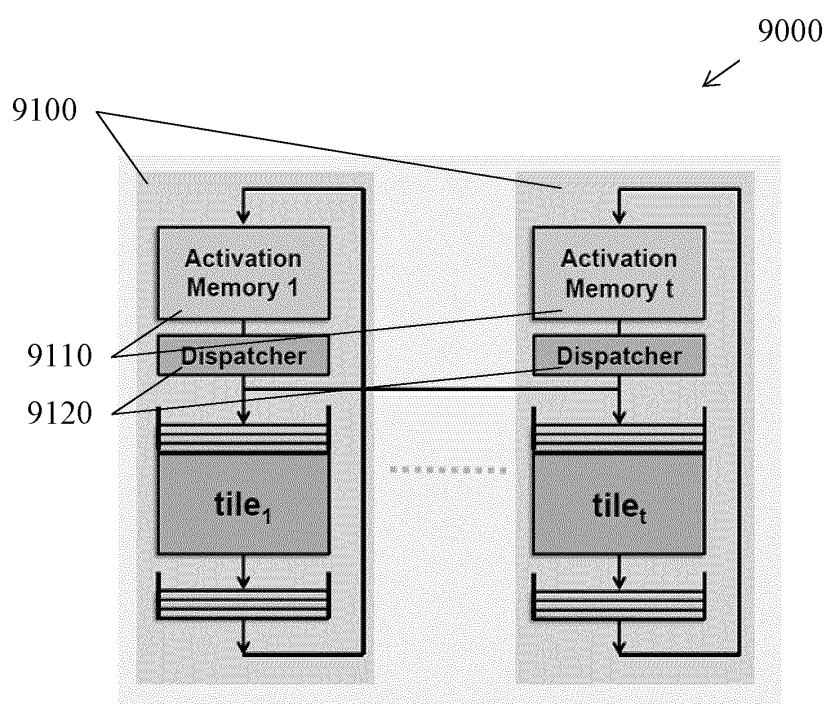


FIG. 9

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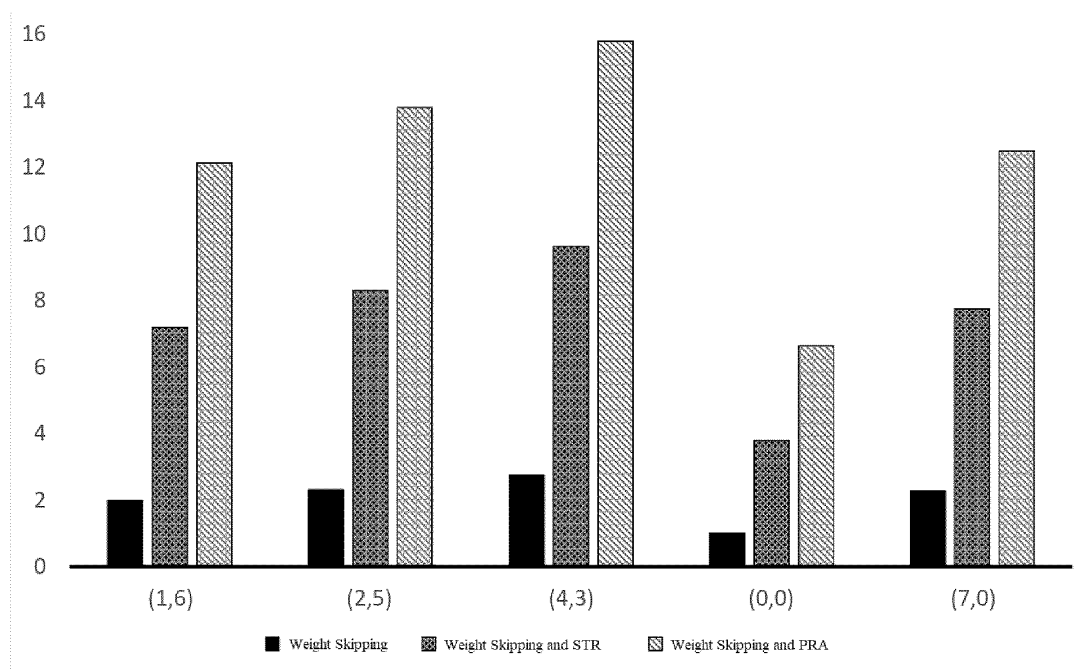


FIG. 10

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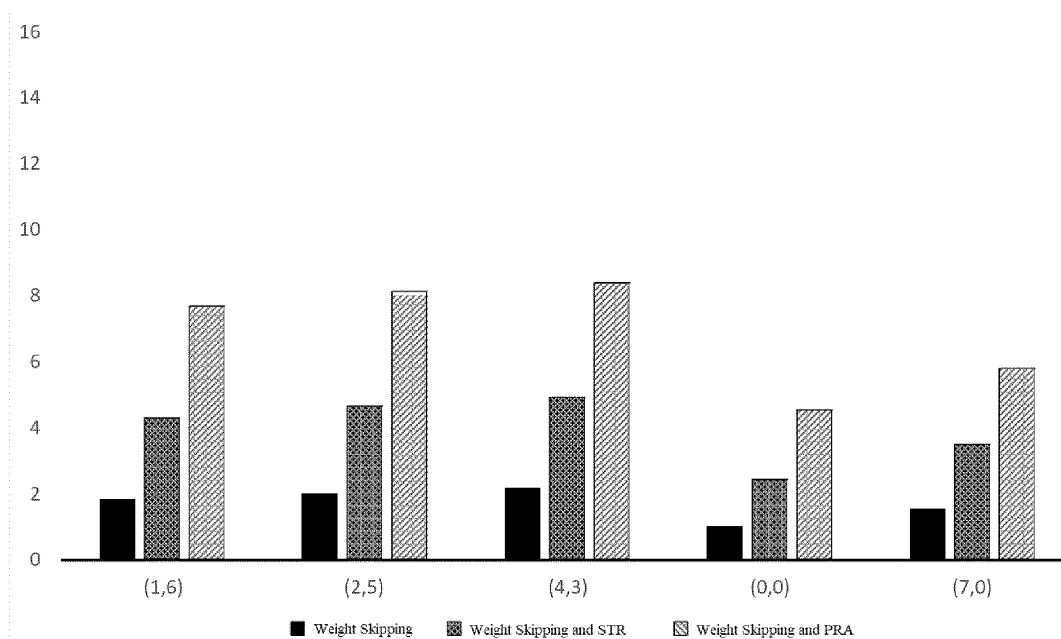


FIG. 11

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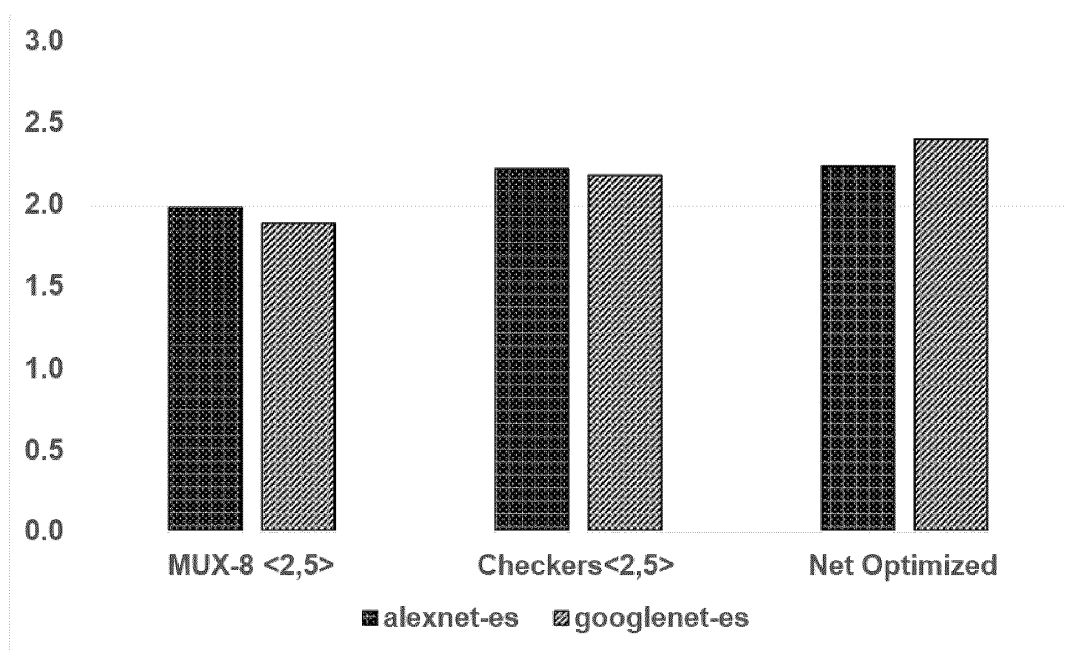
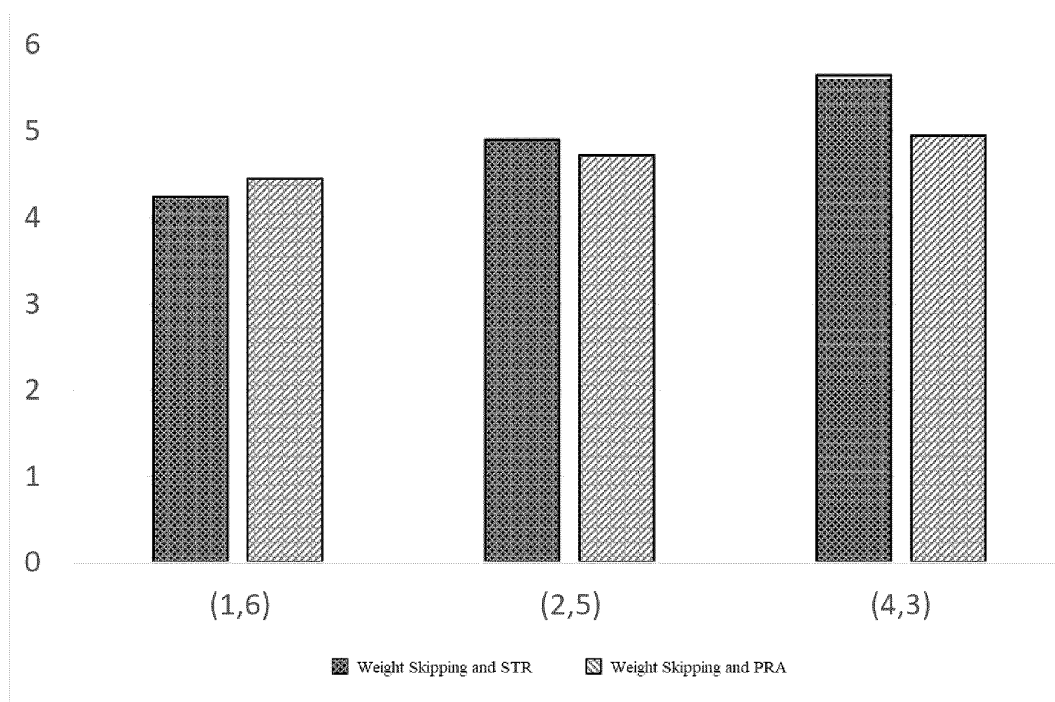
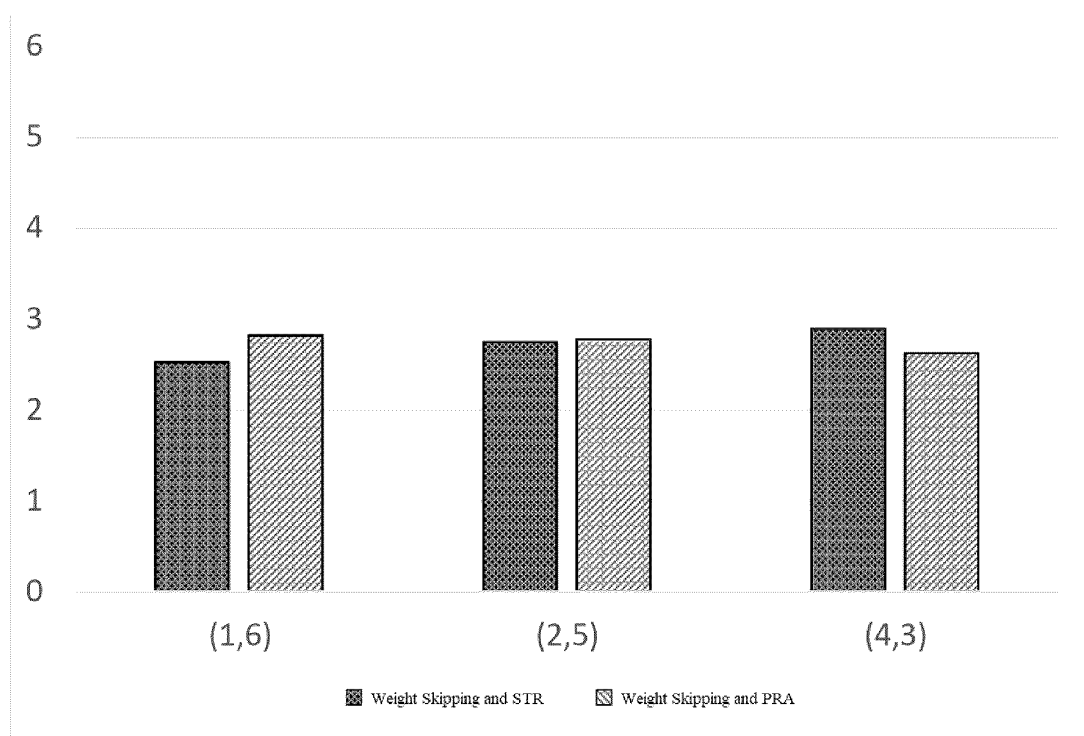


FIG. 12

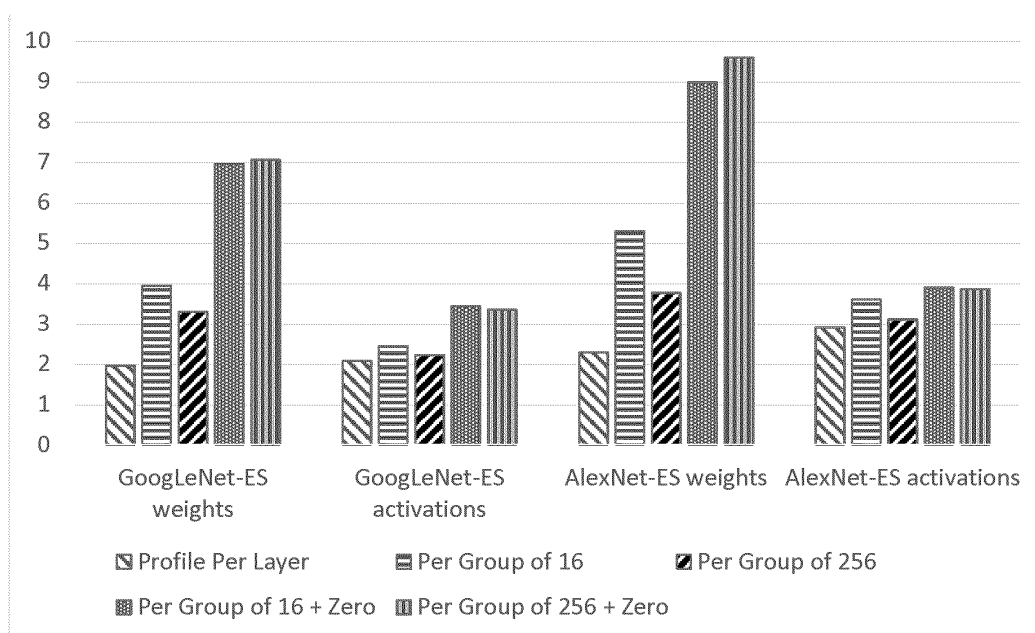
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**FIG. 13A**

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**FIG. 13B**

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**FIG. 14**

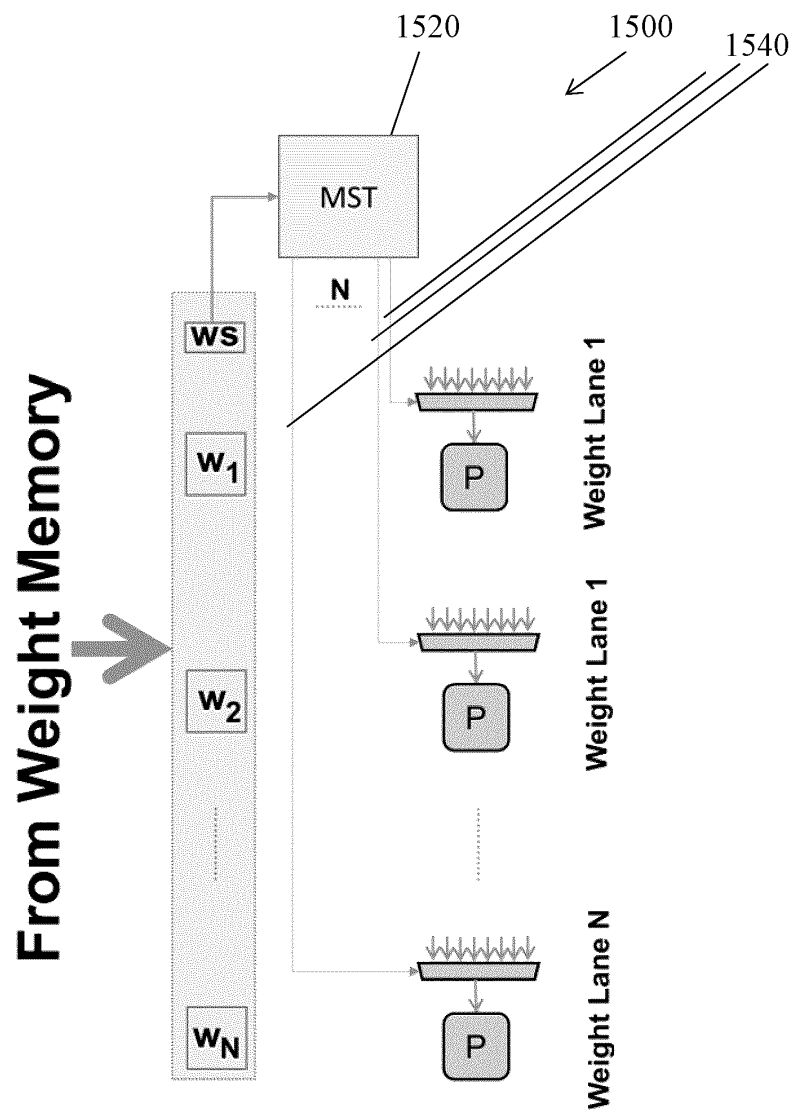


FIG. 15