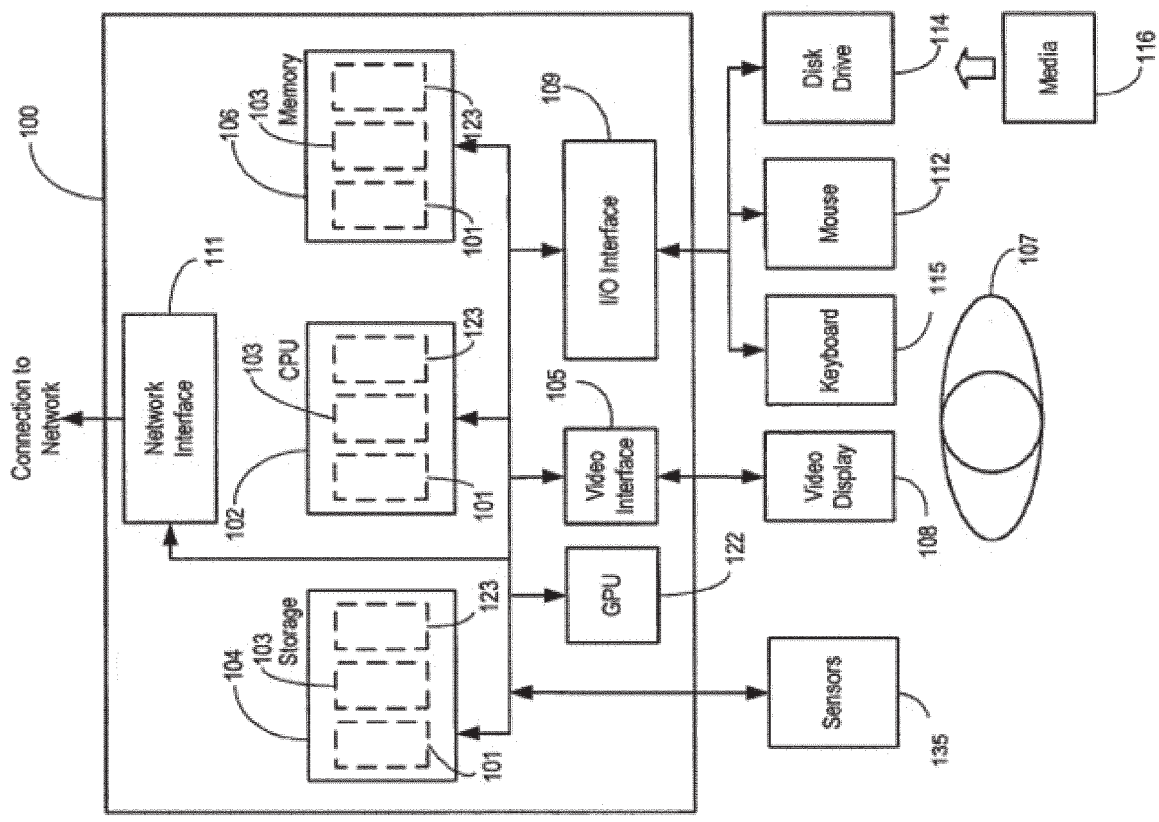
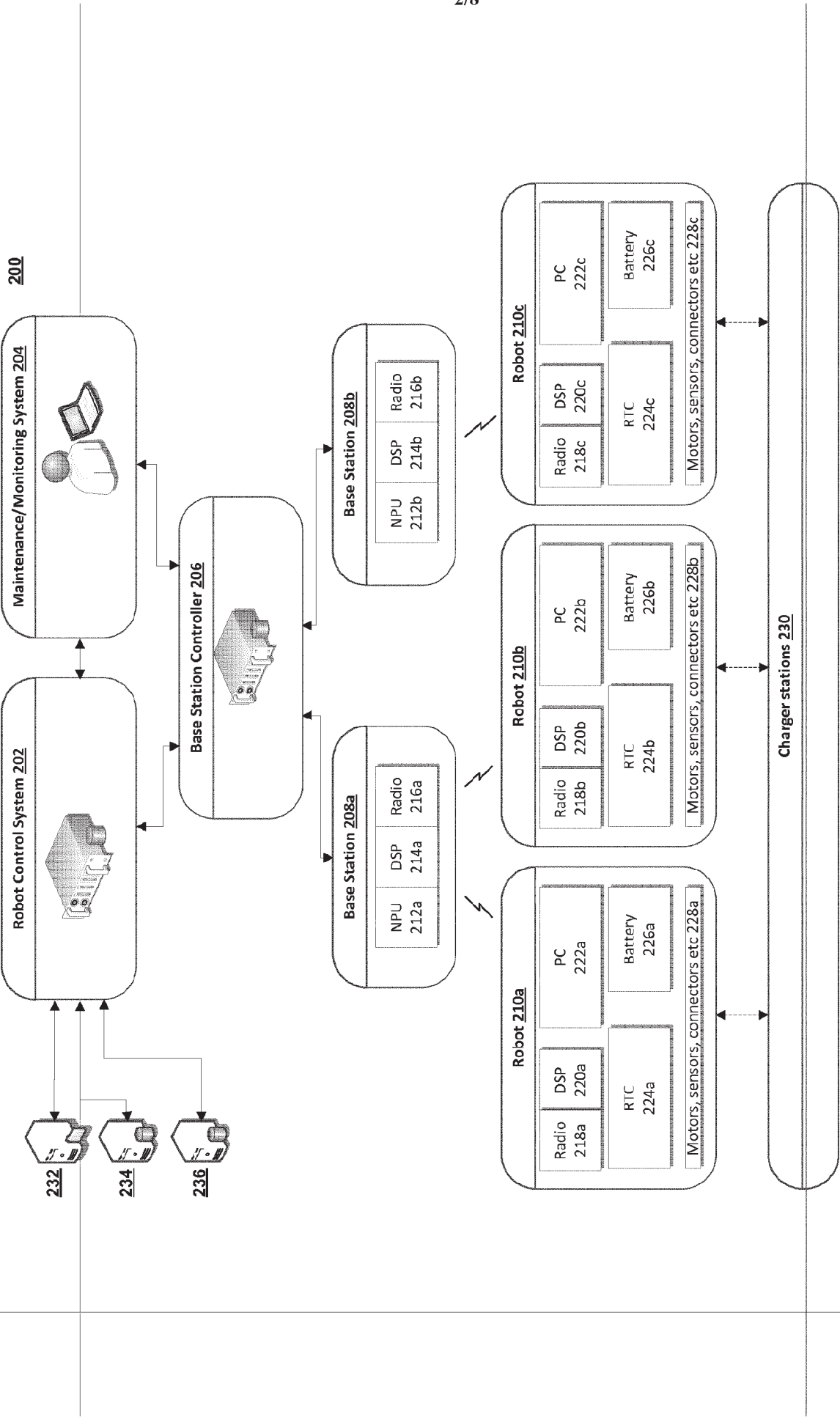
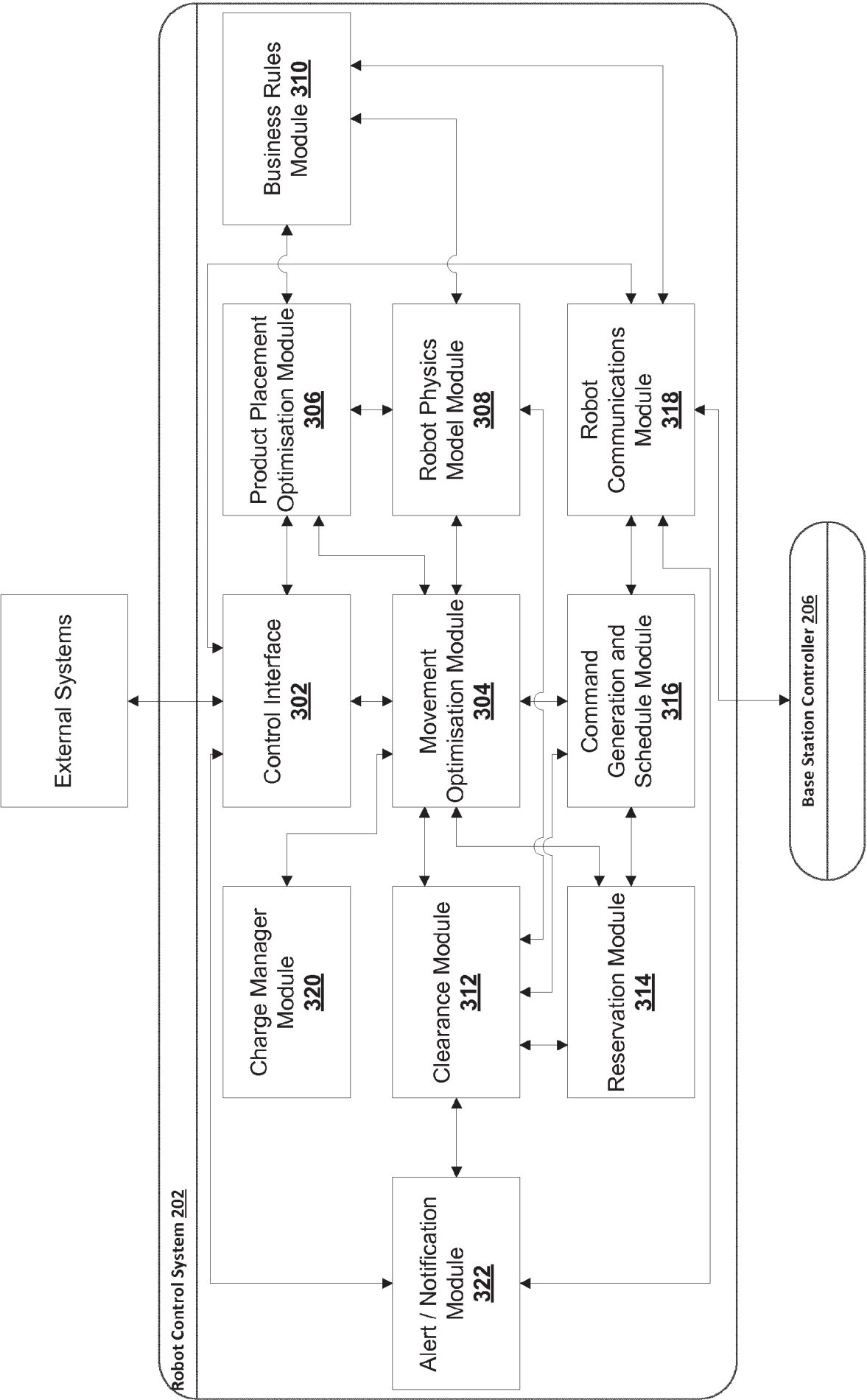




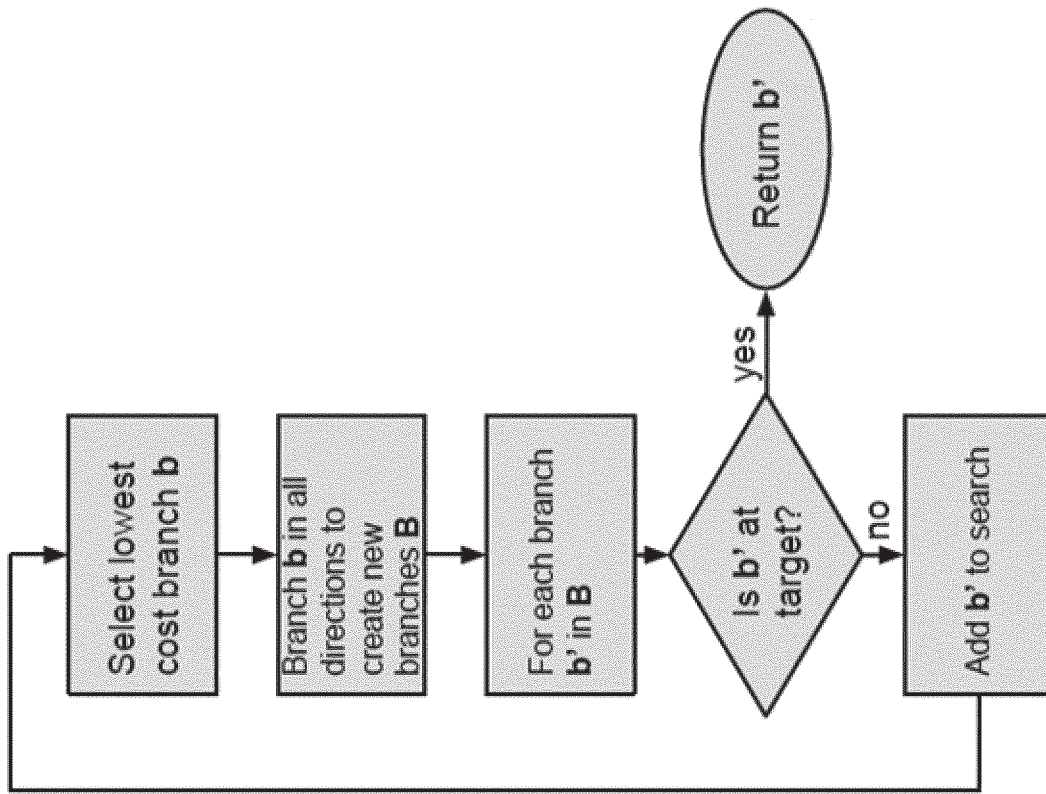
**FIG. 1**



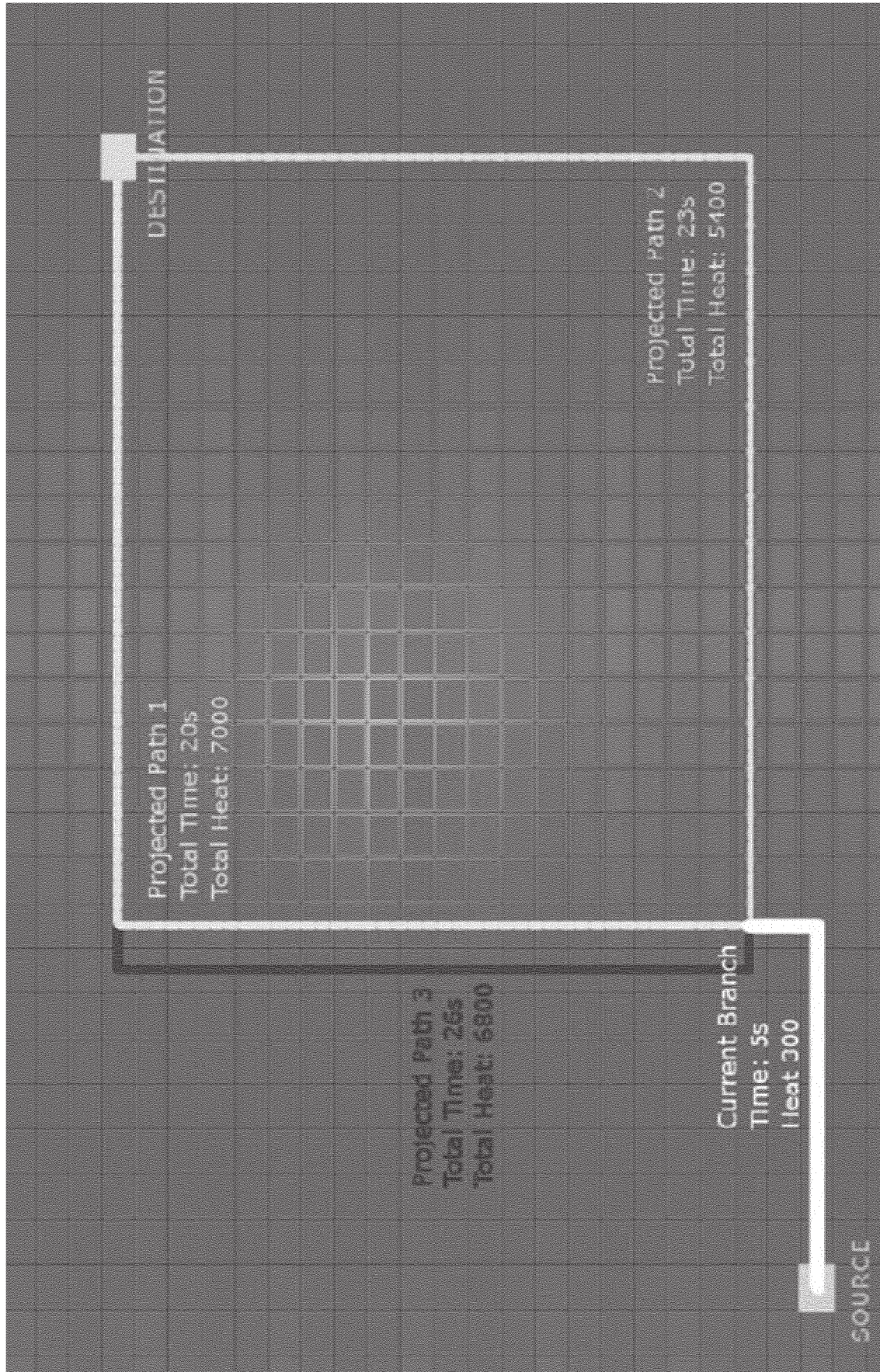
**FIG. 2**



**FIG. 3**



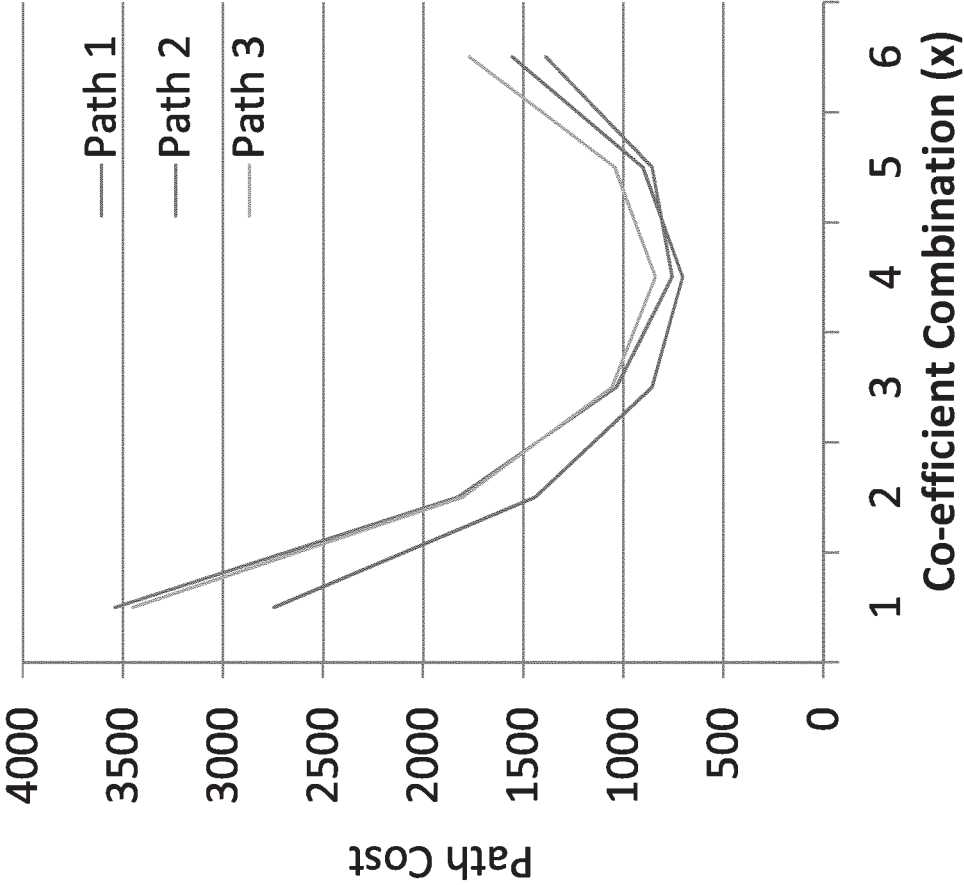
**FIG. 4**



**FIG. 5**

|    |               |                  |                  | Path 1   | Path 2   | Path 3   |
|----|---------------|------------------|------------------|----------|----------|----------|
|    |               | Total Time       |                  | 20       | 23       | 26       |
|    |               | Total Heat       |                  | 7000     | 5400     | 6800     |
|    |               |                  |                  |          |          |          |
|    | Coefficients  |                  | Total Path Costs |          |          |          |
| x  | $C_t (= 2^x)$ | $C_h (= 2^{-x})$ |                  | Path 1   | Path 2   | Path 3   |
| 1  | 2             | 0.5              |                  | 3540     | 2746     | 3452     |
| 2  | 4             | 0.25             |                  | 1830     | 1442     | 1804     |
| 3  | 8             | 0.125            |                  | 1035     | 859      | 1058     |
| 4  | 16            | 0.0625           |                  | 757.5    | 705.5    | 841      |
| 5  | 32            | 0.03125          |                  | 858.75   | 904.75   | 1044.5   |
| 6  | 64            | 0.015625         |                  | 1389.375 | 1556.375 | 1770.25  |
| 7  | 128           | 0.007813         |                  | 2614.688 | 2986.188 | 3381.125 |
| 8  | 256           | 0.003906         |                  | 5147.344 | 5909.094 | 6682.563 |
| 9  | 512           | 0.001953         |                  | 10253.67 | 11786.55 | 13325.28 |
| 10 | 1024          | 0.000977         |                  | 20486.84 | 23557.27 | 26630.64 |

**FIG. 6a**



**FIG. 6b**

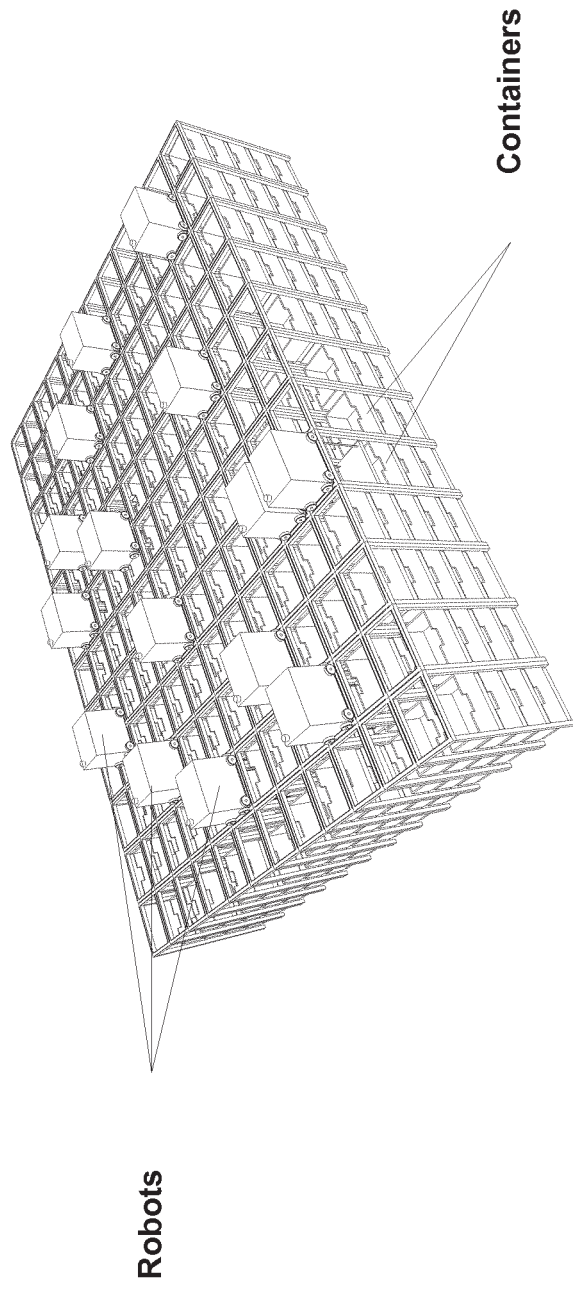
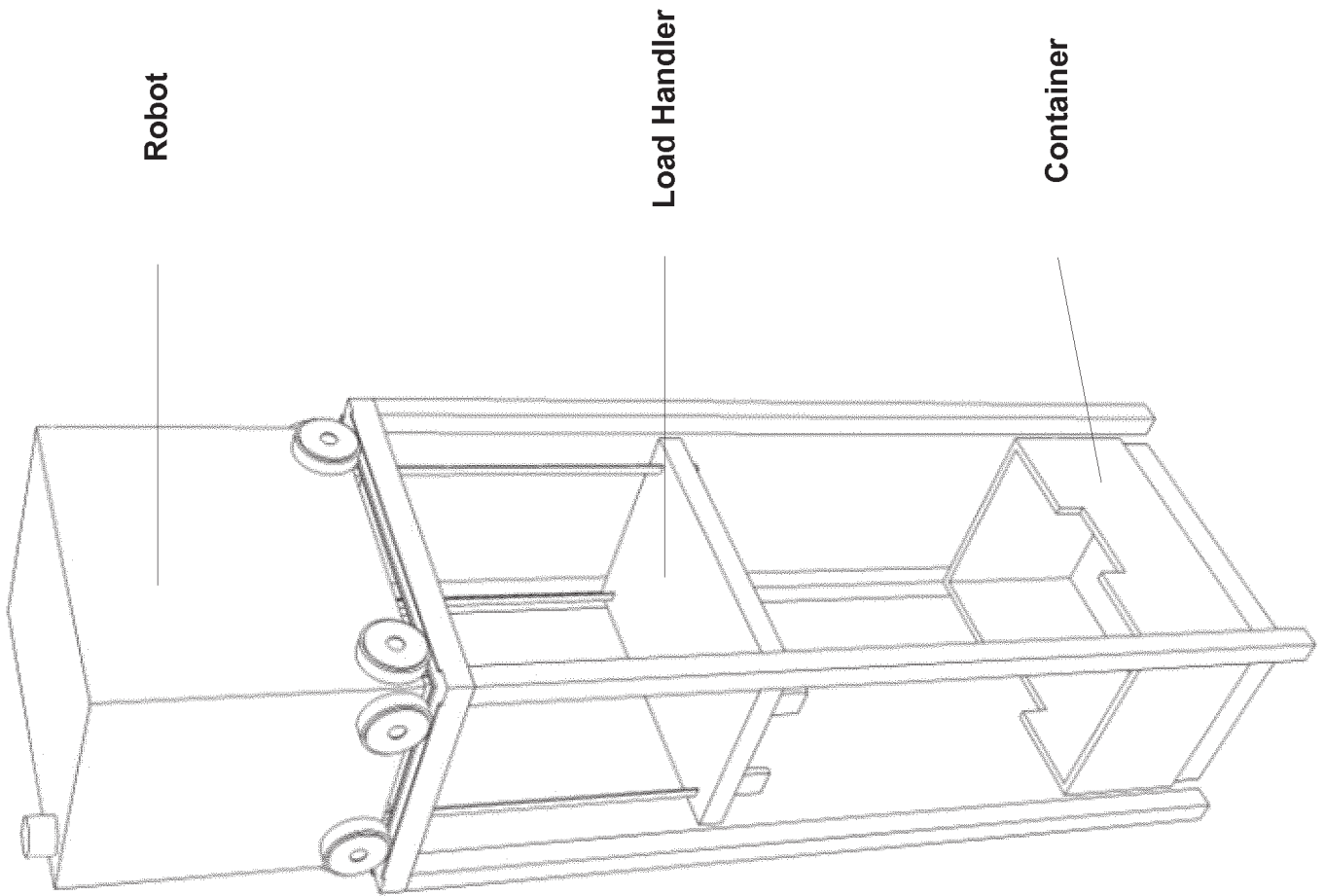


Figure 3

**FIG. 7**

**FIG. 8**