Table 1

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| Number | State |
|  | Boot |
| 0 | Initial State |
| 1 | Calibrate Sorter |
| 2 | Resting State |
| 3 | Running State |
| 4 | Running Wait |
| 5 | Running Timer |
| 6 | Motor up |
| 7 | White Wait |
| 8 | Motor Down |
| 9 | Running Timer |
| 10 | Motor Up Timer |
| 11 | White Wait Timer |
| 12 | Motor Down Timer |
| 13 | Running Stop |
| 14 | Motor Up Stop |
| 15 | White Wait Stop |
| 16 | Motor Down Stop |
| 17 | Aborted |