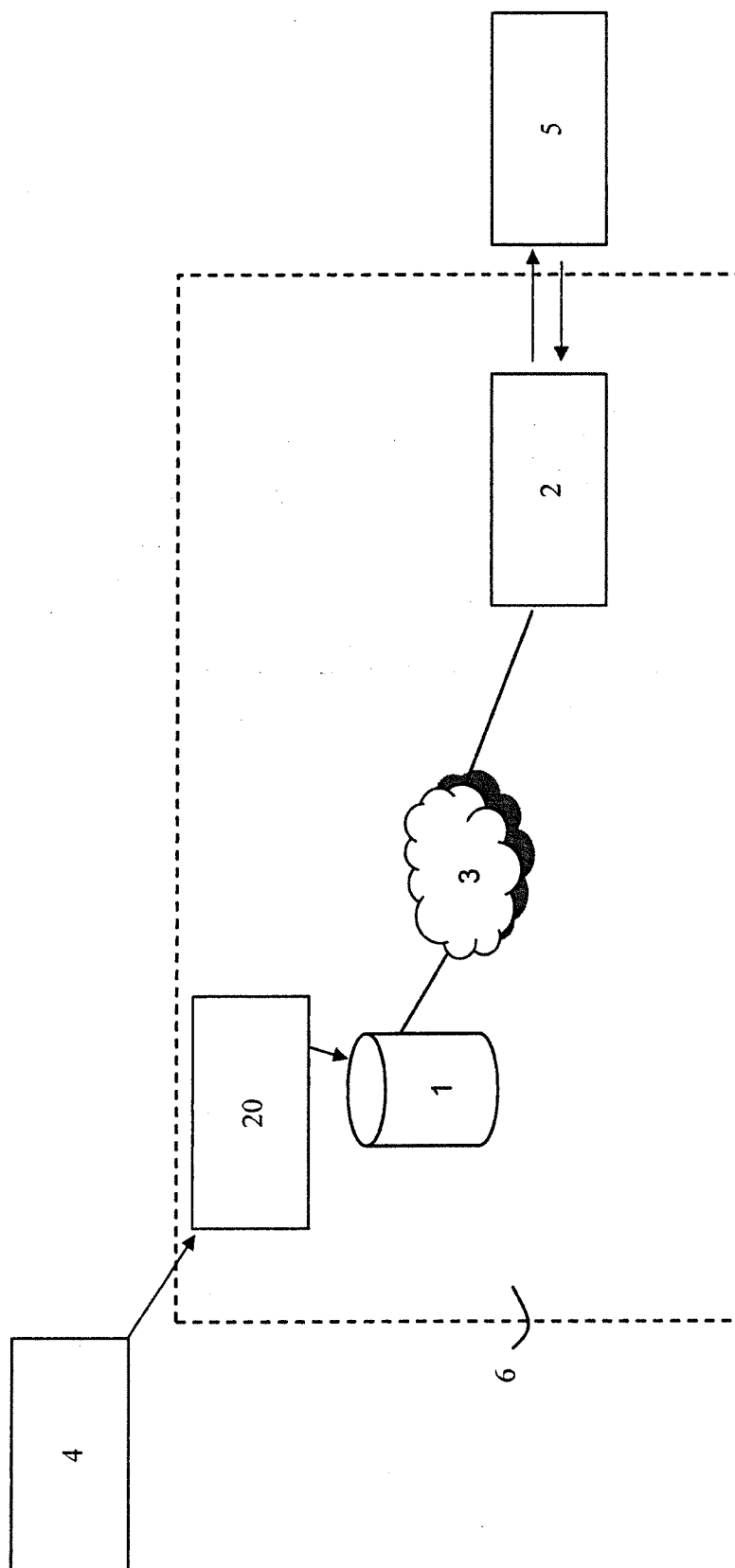


**FIG. 1**

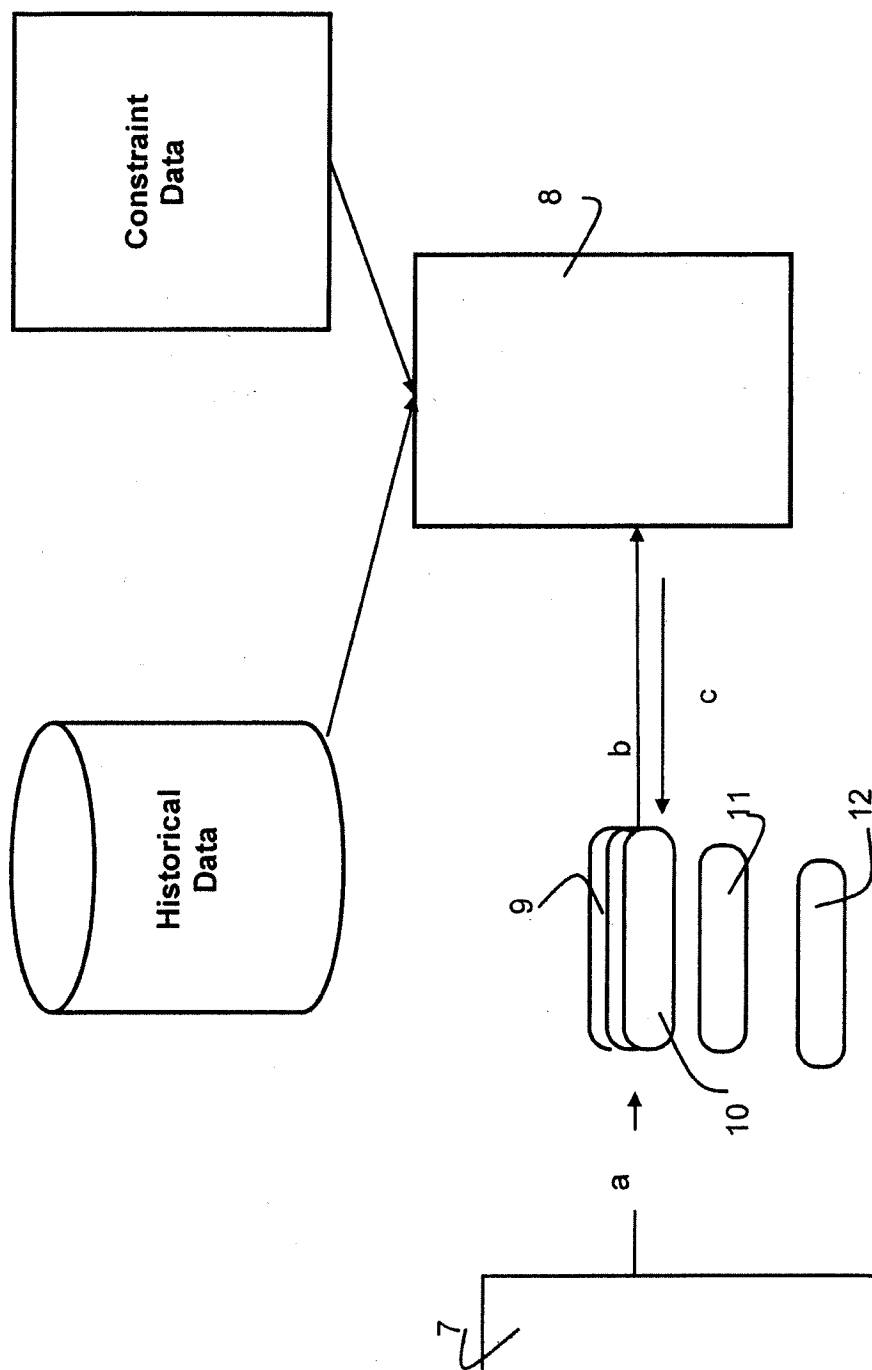


**FIG. 2**

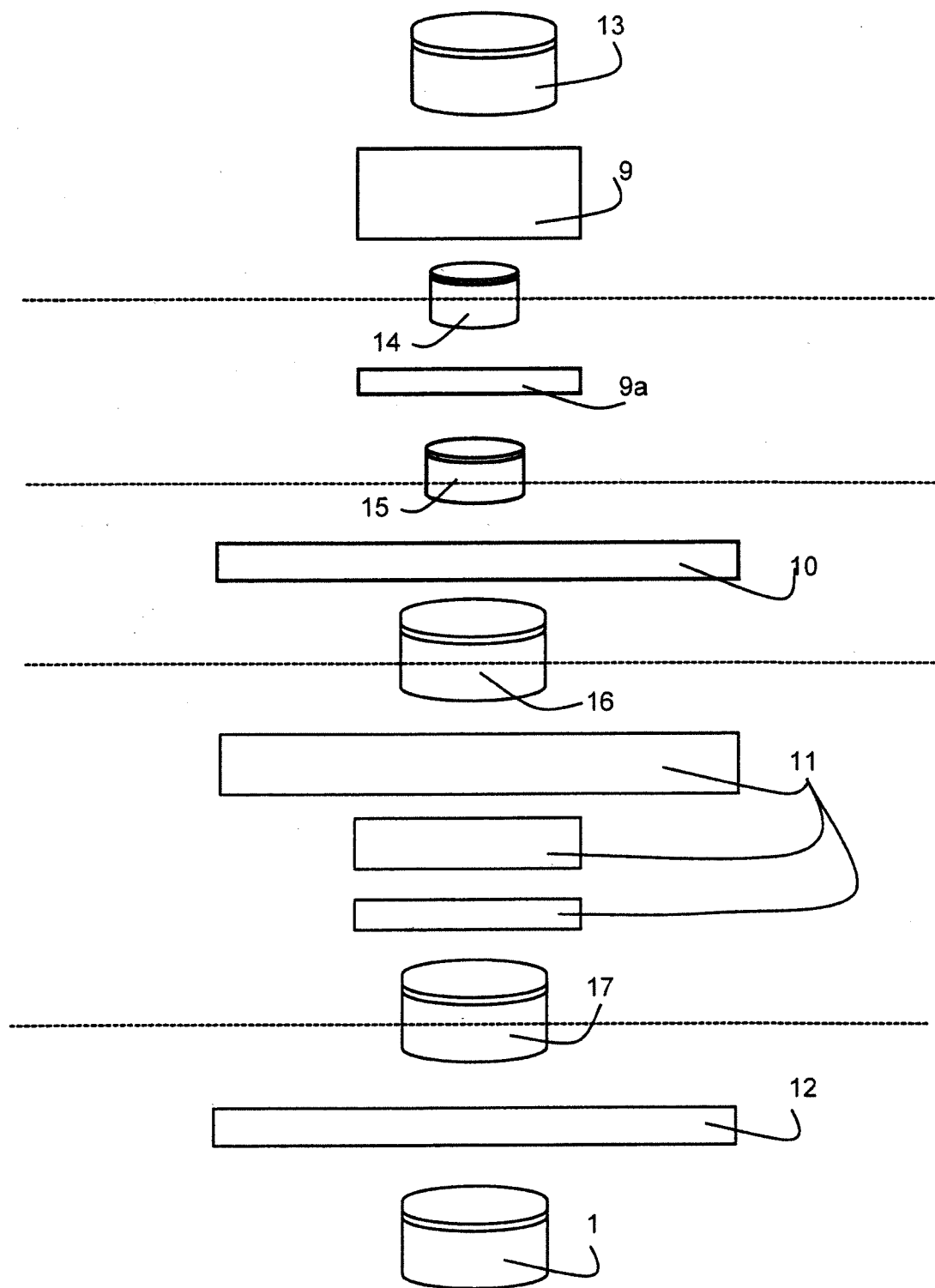
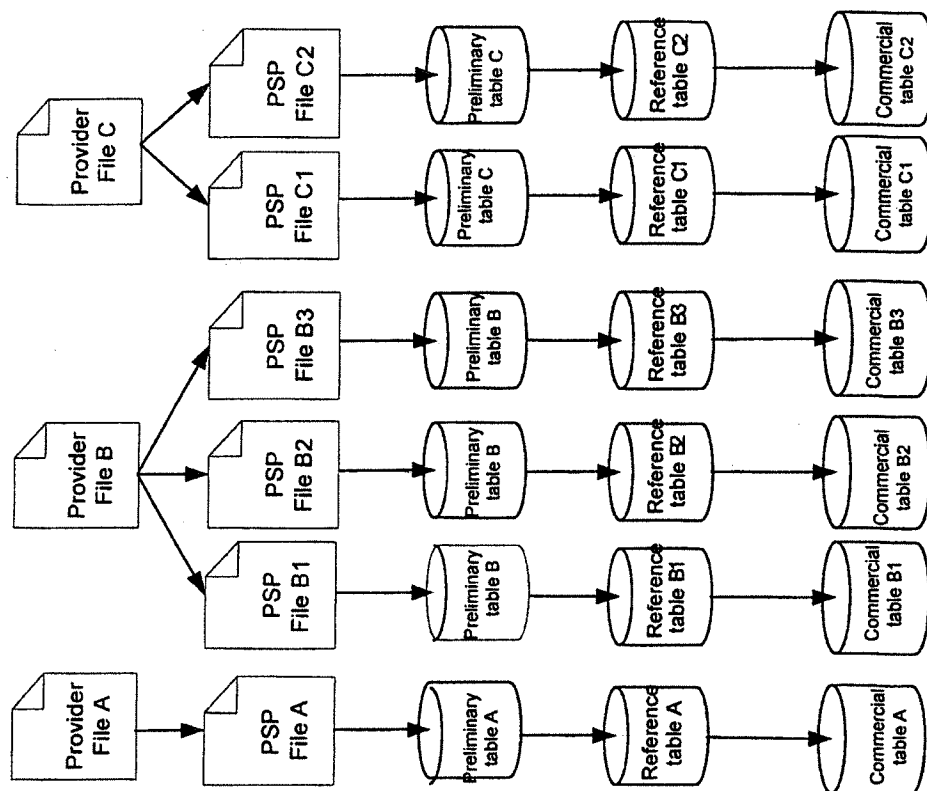


**FIG. 3**

**FIG. 4**

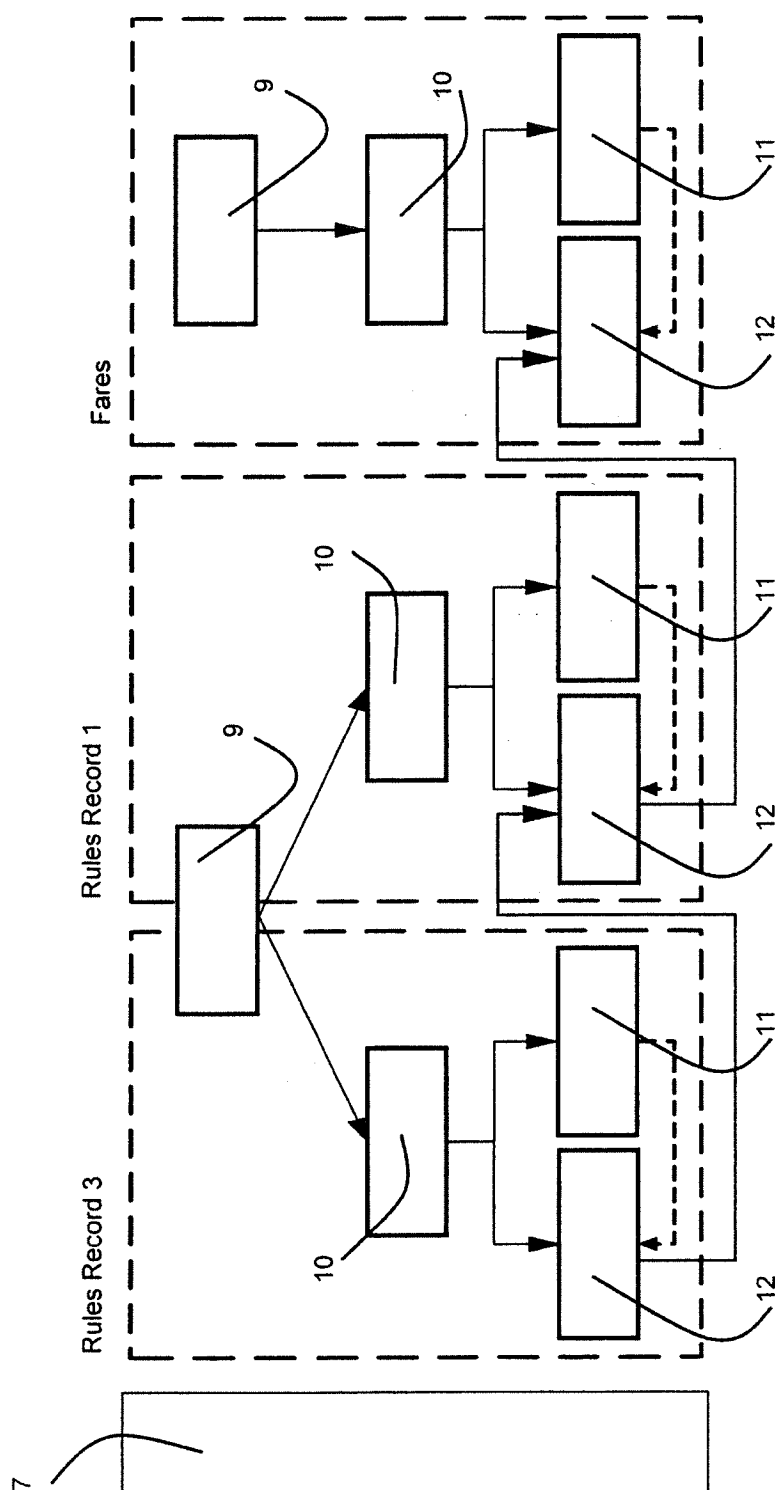


**FIG. 5**

| Product A             |               |       |        |        |        |                      |  |
|-----------------------|---------------|-------|--------|--------|--------|----------------------|--|
| Number of Data        | Configuration |       |        |        |        | Number of Executions |  |
|                       | Name          | Job 9 | Job 10 | Job 11 | Job 12 |                      |  |
| From 0 to 9,999       | Config 1      | 1     | 1      | 1      | 1      | 10                   |  |
| From 10,000 to 9,999  | Config 2      | 1     | 2      | 3      | 3      | 10                   |  |
| From 100,000 to indef | Config 3      | 1     | 4      | 4      | 5      | 10                   |  |

**FIG. 6a**

| Product A |          |           |                |                    |        |        |        |
|-----------|----------|-----------|----------------|--------------------|--------|--------|--------|
| Config    | Type     | Execution | Number of Data | Time spent (in ms) |        |        |        |
| Config 2  | Standard | 1         | 10,000         | Job 9              | Job 10 | Job 11 | Job 12 |
|           |          |           | 900            | 1350               | 1900   | 2000   |        |
|           |          | 2         | 85,000         | 1500               | 2700   | 3250   | 3500   |
|           |          |           | ...            | ...                | ...    | ...    | ...    |

**FIG. 6b**

| Number of Data        | Configuration |       |        |        |        |        |        | Number of Executions |
|-----------------------|---------------|-------|--------|--------|--------|--------|--------|----------------------|
|                       | Name          | Job 9 | Job 10 | Job 11 | Job 12 | Job 11 | Job 12 |                      |
| From 0 to 9,999       | Config 1      | 1     | 1      | 1      | 1      | 1      | 1      | 10                   |
| From 10,000 to 99,999 | Config 2      | 1     | 2      | 3      | 3      | 3      | 3      | 11                   |
| From 100,000 to indef | Config 3      | 1     | 4      | 4      | 4      | 5      | 5      | 10                   |

**FIG. 6c**

| <b>Product A</b> |          |           |                |                    |        |        |
|------------------|----------|-----------|----------------|--------------------|--------|--------|
| Config           | Type     | Execution | Number of Data | Time spent (in ms) |        |        |
| Config 2         | Standard | 1         | 10,000         | Job 9              | Job 10 | Job 11 |
|                  |          | 2         | 85,000         | 900                | 1350   | 1900   |
|                  |          | ...       | ...            | 1500               | 2700   | 3250   |
|                  |          | 11        | 50,000         | 1200               | 2000   | 2500   |
|                  |          |           |                |                    |        | 2700   |

**FIG. 6d**

| Number of Data        | Configuration |       |        |        |        |  | Number of Executions |
|-----------------------|---------------|-------|--------|--------|--------|--|----------------------|
|                       | Name          | Job 9 | Job 10 | Job 11 | Job 12 |  |                      |
| From 0 to 9,999       | Config 1      | 1     | 1      | 1      | 1      |  | 10                   |
| From 10,000 to 99,999 | Config 2      | 1     | 2      | 3      | 3      |  | 11                   |
|                       | Config 4      | 1     | 2      | 4      | 5      |  | 1                    |
| From 100,000 to indef | Config 3      | 1     | 4      | 4      | 5      |  | 10                   |

**FIG. 6e**

| <b>Product A</b> |             |           |                |                    |        |        |
|------------------|-------------|-----------|----------------|--------------------|--------|--------|
| Config           | Type        | Execution | Number of Data | Time spent (in ms) |        |        |
| Config 2         | Standard    | 1         | 10,000         | Job 9              | Job 10 | Job 11 |
|                  |             | 2         | 85,000         | 900                | 1350   | 1900   |
|                  |             | ...       | ...            | 1500               | 2700   | 3250   |
|                  |             | 11        | 50,000         | 1200               | 2000   | 2500   |
| Config 4         | Exceptional | 1         | 50,000         | 2000               | 5000   | 3000   |
|                  |             |           |                |                    |        | 3100   |

**FIG. 6f**

| Number of Data        | Configuration |       |        |        |        | Number of Executions |
|-----------------------|---------------|-------|--------|--------|--------|----------------------|
|                       | Name          | Job 9 | Job 10 | Job 11 | Job 12 |                      |
| From 0 to 9,999       | Config 1      | 1     | 1      | 1      | 1      | 10                   |
| From 10,000 to 99,999 | Config 2      | 1     | 2      | 3      | 3      | 11                   |
|                       | Config 4      | 1     | 2      | 4      | 5      | 2                    |
| From 100,000 to indef | Config 3      | 1     | 4      | 4      | 5      | 10                   |

**FIG. 6g**

| Product A |             |           |                |                    |      |      |      |      |      |      |      |
|-----------|-------------|-----------|----------------|--------------------|------|------|------|------|------|------|------|
| Config    | Type        | Execution | Number of Data | Time spent (in ms) |      |      |      |      |      |      |      |
| Config 2  | Standard    | 1         | 10,000         | 900                | 1350 | 1900 | 2000 | 2000 | 2000 | 2000 | 2000 |
|           |             | 2         | 85,000         | 1500               | 2700 | 3250 | 3500 | 3500 | 3500 | 3500 | 3500 |
|           |             | ...       | ...            | ...                | ...  | ...  | ...  | ...  | ...  | ...  | ...  |
|           |             | 11        | 50,000         | 1200               | 2000 | 2500 | 2700 | 2700 | 2700 | 2700 | 2700 |
| Config 4  | Exceptional | 1         | 50,000         | 2000               | 5000 | 3000 | 3100 | 3100 | 3100 | 3100 | 3100 |
|           |             | 2         | 45,000         | 1950               | 4900 | 2900 | 3000 | 3000 | 3000 | 3000 | 3000 |

**FIG. 6h**

| Number of Data        | Configuration |       |        |        |        | Number of Executions |
|-----------------------|---------------|-------|--------|--------|--------|----------------------|
|                       | Name          | Job 9 | Job 10 | Job 11 | Job 12 |                      |
| From 0 to 9,999       | Config 1      | 1     | 1      | 1      | 1      | 10                   |
| From 10,000 to 99,999 | Config 2      | 1     | 2      | 3      | 3      | 11                   |
|                       | Config 5      | 1     | 2      | 4      | 4      | 1                    |
|                       | Config 4      | 1     | 2      | 4      | 5      | 2                    |
| From 100,000 to indef | Config 3      | 1     | 4      | 4      | 5      | 10                   |

**FIG. 6i**