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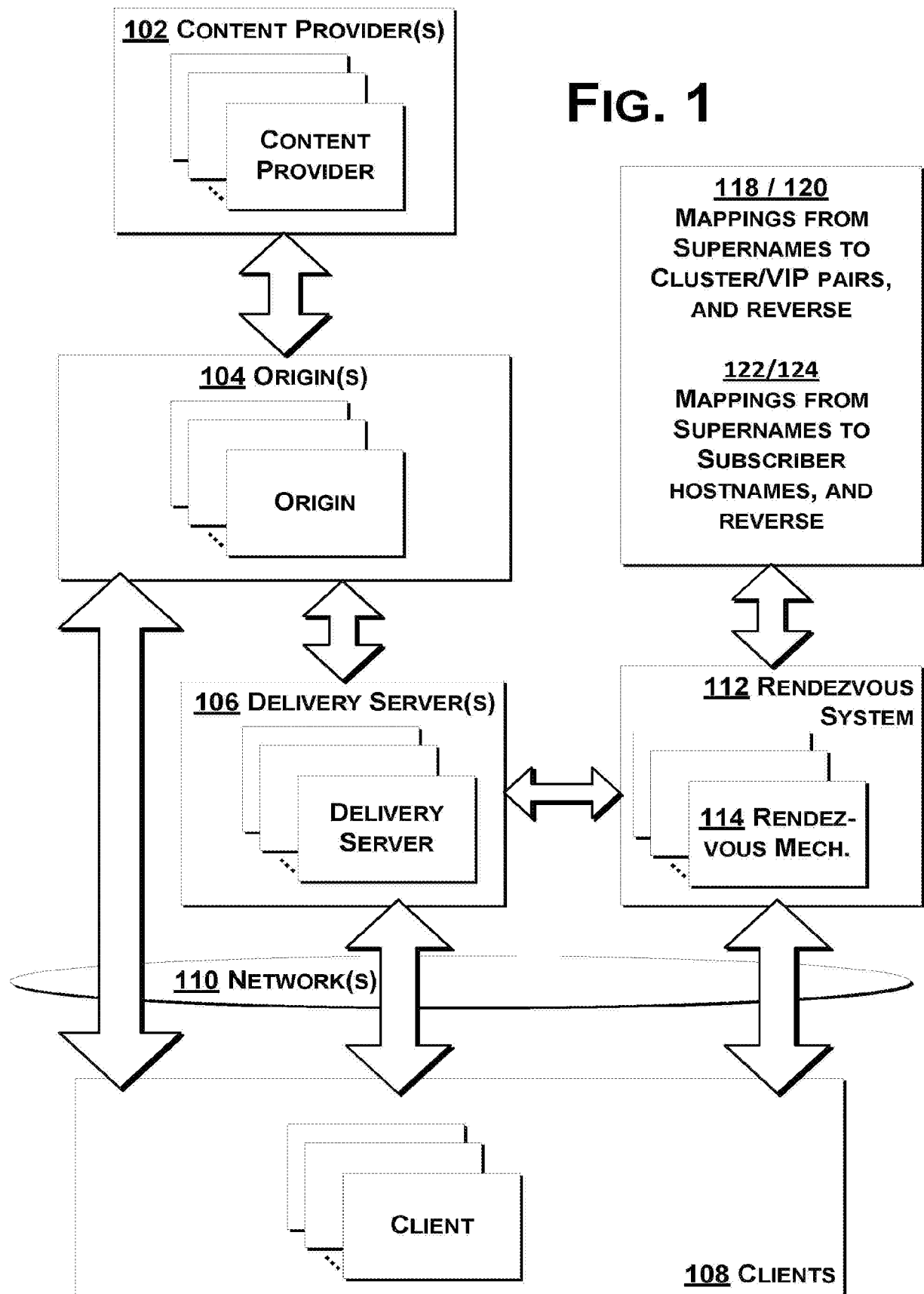
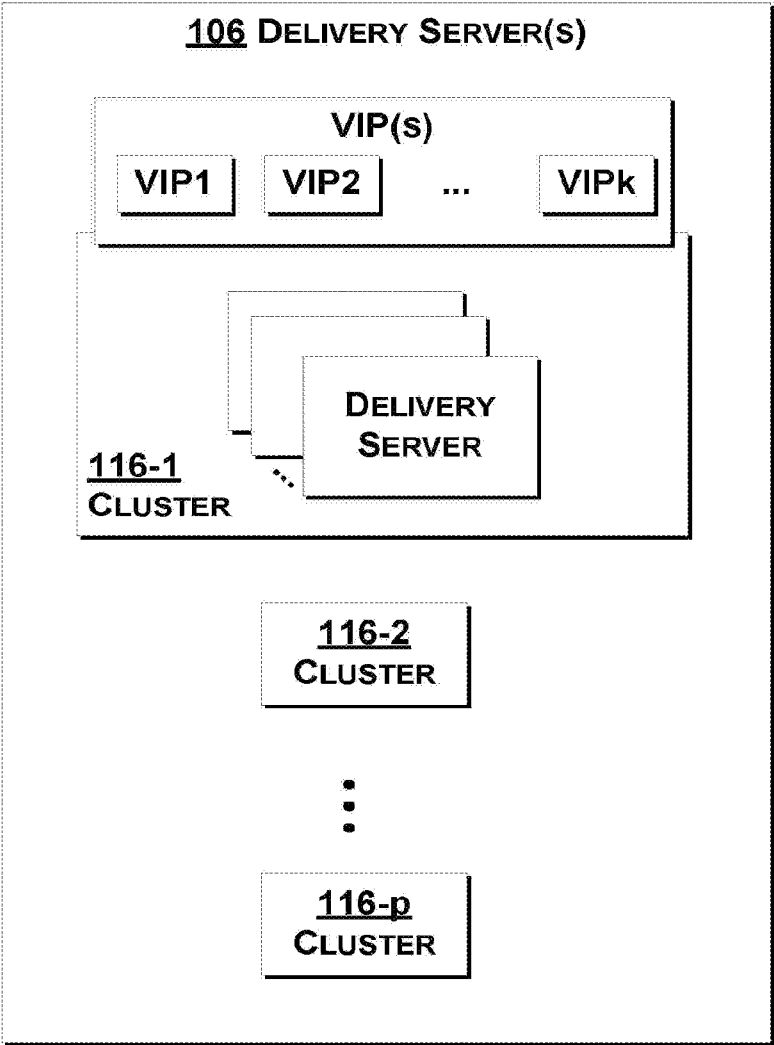
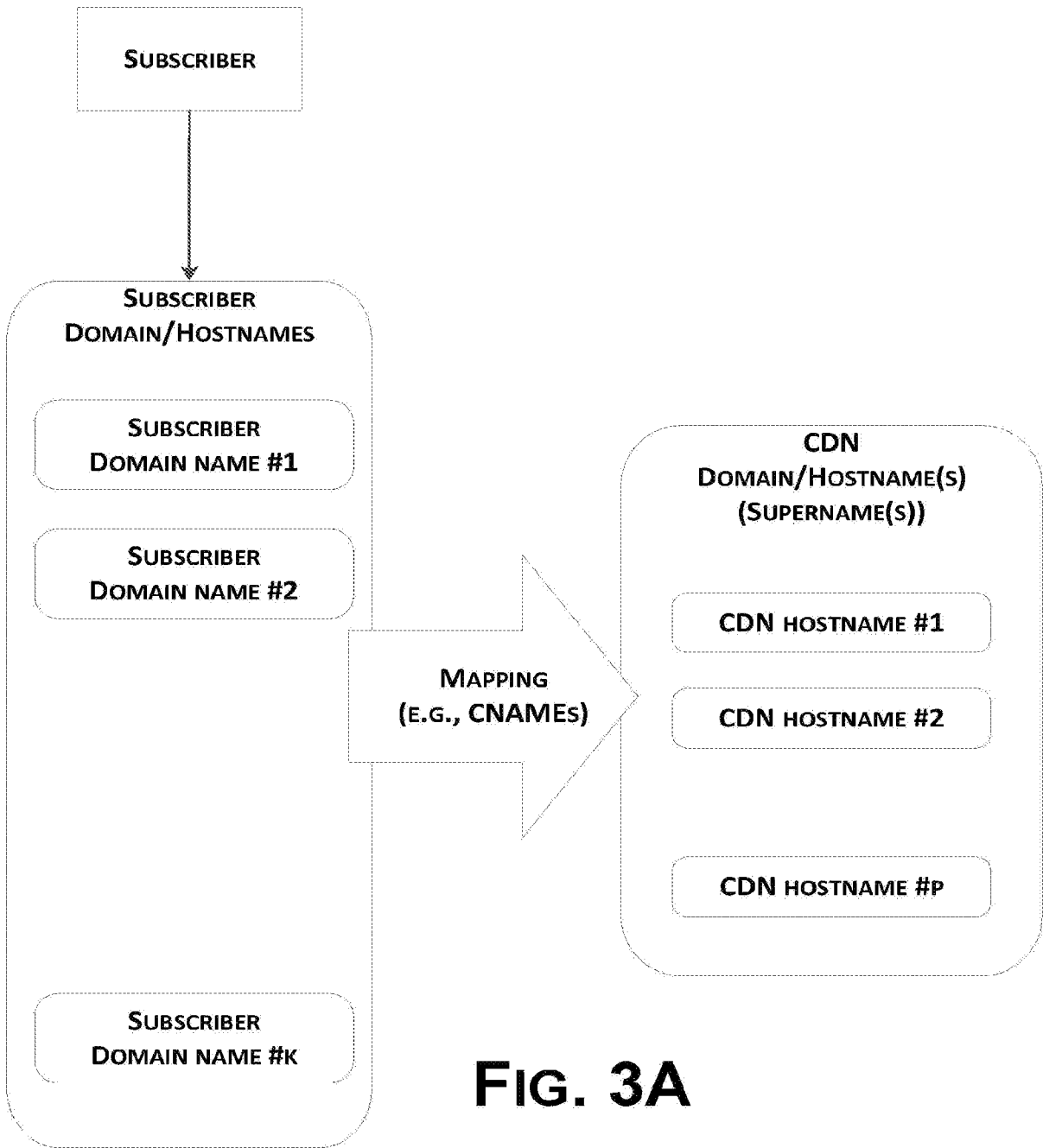
**FIG. 1**

FIG. 2





**FIG. 3A**

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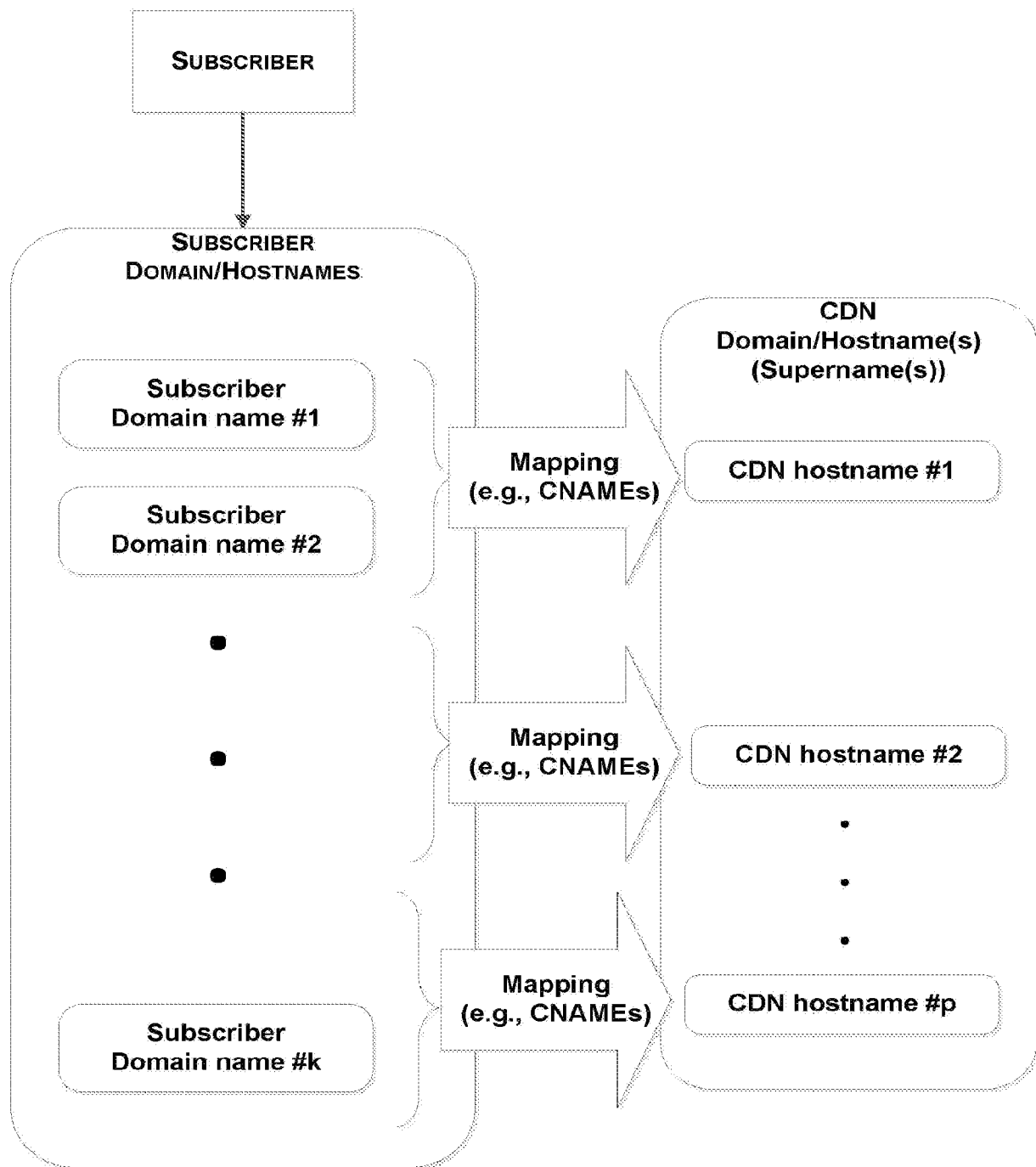


FIG. 3B

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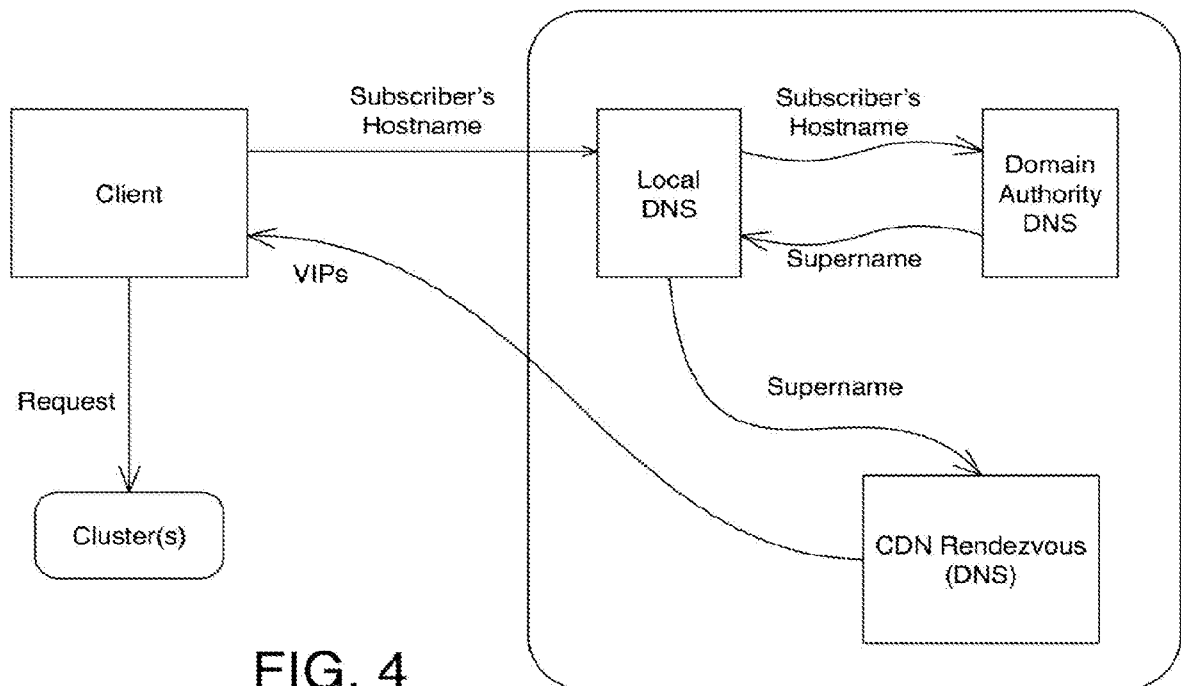


FIG. 4

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**FIG. 5A**118

| <b>SUPERNAME ID</b> | <b>&lt;CLUSTER,VIP&gt; PAIRS</b>                         |
|---------------------|----------------------------------------------------------|
| <b>SUPERNAME 1</b>  | <b>SET OF &lt;CLUSTER, VIP&gt; PAIRS FOR SUPERNAME 1</b> |
| <b>...</b>          | <b>...</b>                                               |
| <b>SUPERNAME K</b>  | <b>SET OF &lt;CLUSTER, VIP&gt; PAIRS FOR SUPERNAME K</b> |

**FIG. 5B**120

| <b>&lt;CLUSTER,VIP&gt; PAIR</b> | <b>SUPERNAME IDs</b> |
|---------------------------------|----------------------|
| <b>&lt;C1,VIP1&gt;</b>          | <b>SUPERNAME IDs</b> |
| <b>&lt;C1,VIP2&gt;</b>          | <b>SUPERNAME IDs</b> |
| <b>...</b>                      | <b>...</b>           |
| <b>&lt;Ck, VIPj&gt;</b>         | <b>SUPERNAME IDs</b> |

FIG. 5C

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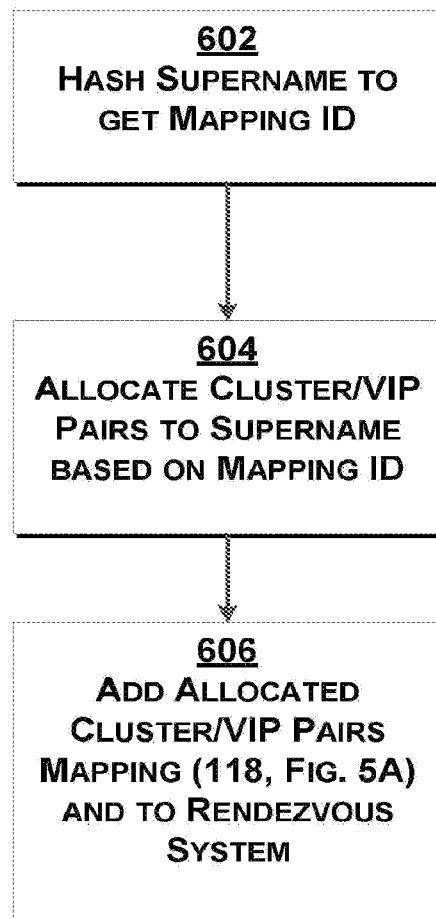
| SUPERNAME ID | SUBSCRIBER HOSTNAMES                        |
|--------------|---------------------------------------------|
| SUPERNAME 1  | SET OF SUBSCRIBER HOSTNAMES FOR SUPERNAME 1 |
| ...          | ...                                         |
| SUPERNAME K  | SET OF SUBSCRIBER HOSTNAMES FOR SUPERNAME K |

FIG. 5D

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| SUBSCRIBER HOSTNAME   | SUPERNAMES   |
|-----------------------|--------------|
| SUBSCRIBER HOSTNAME 1 | SUPERNAME #1 |
| SUBSCRIBER HOSTNAME 2 | SUPERNAME #  |
| ...                   | ...          |
| SUBSCRIBER HOSTNAME J | SUPERNAME X  |

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**FIG. 6A**

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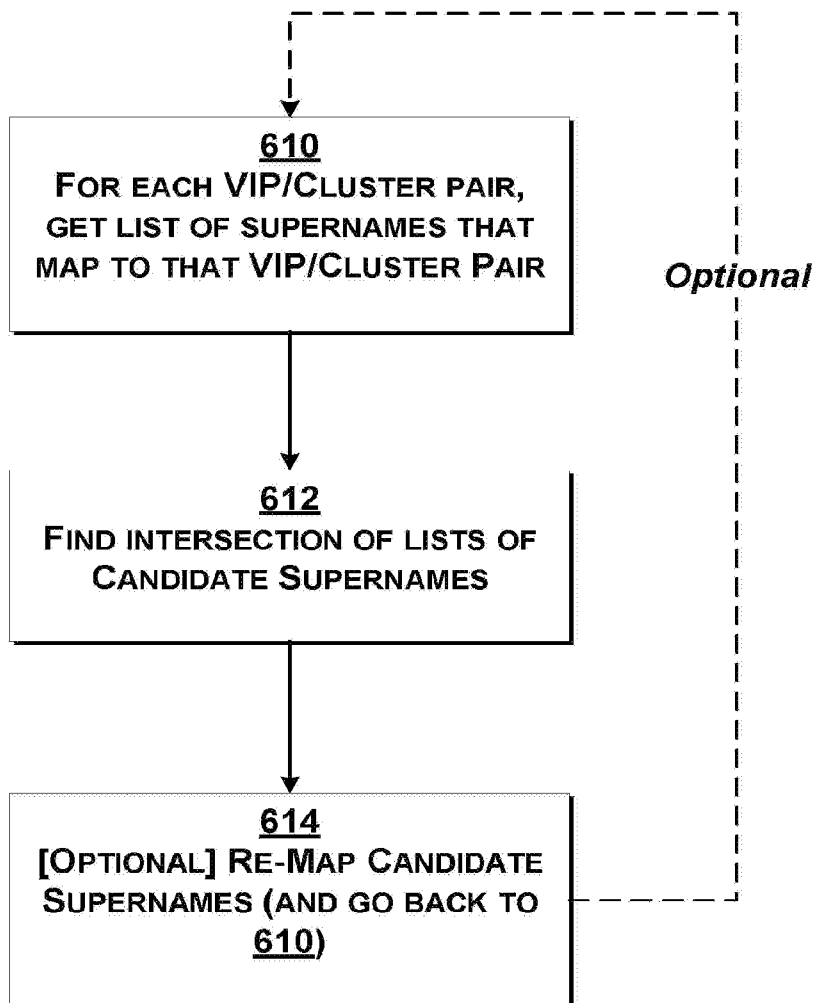
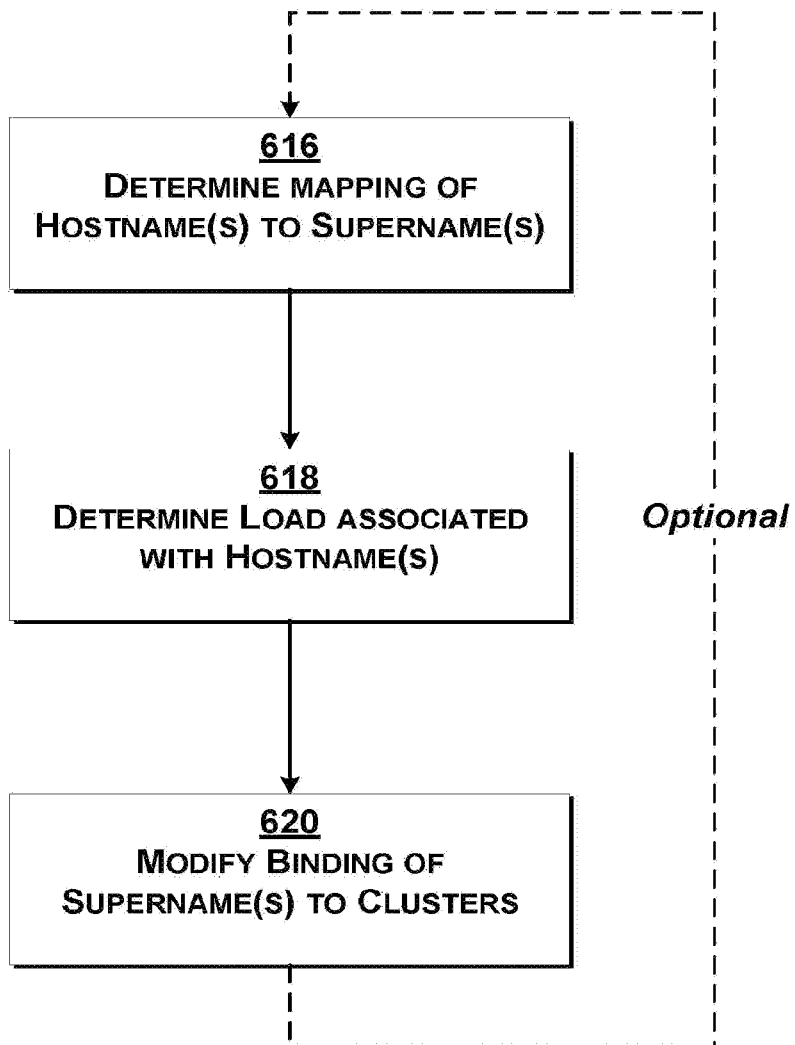
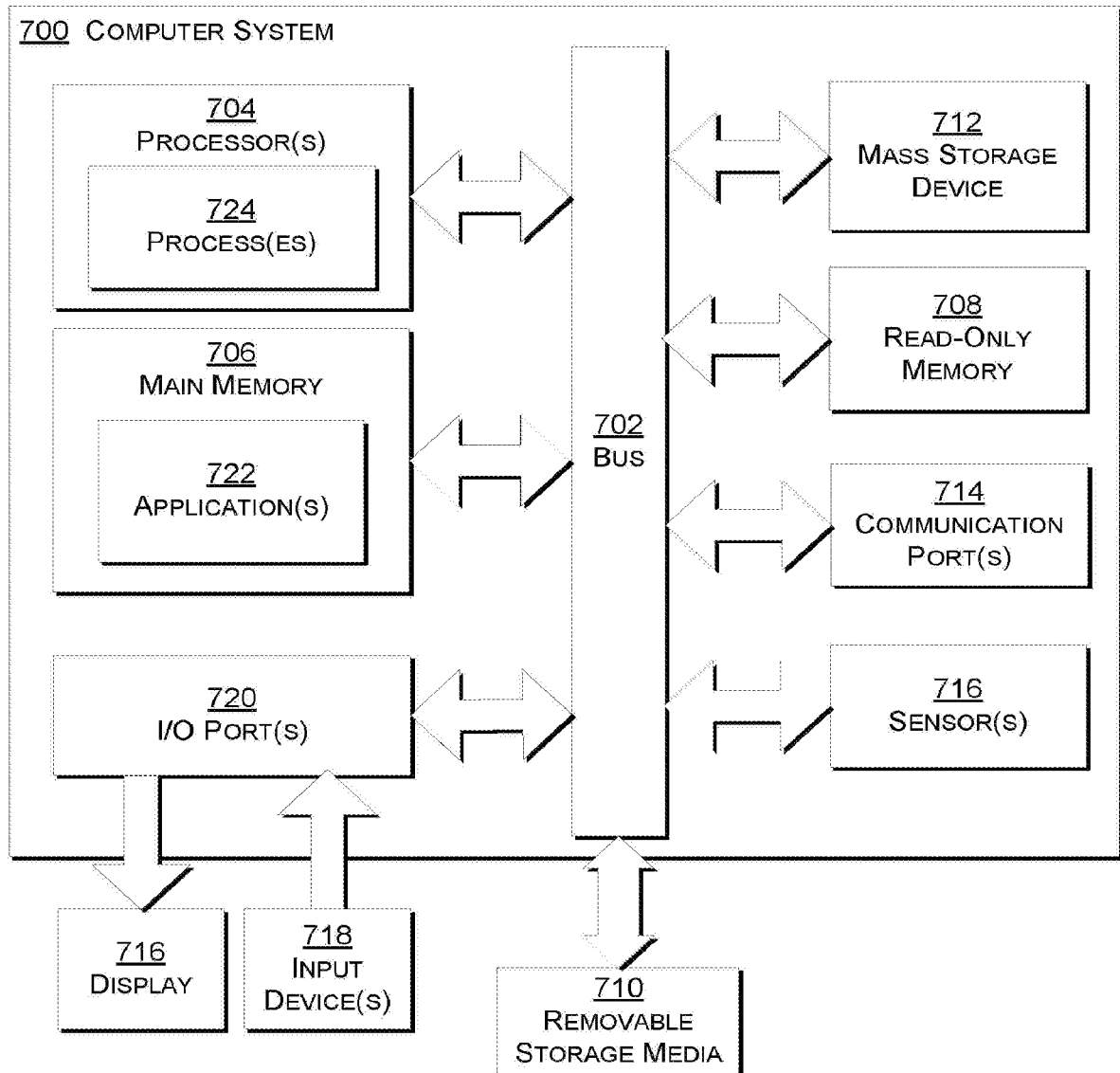


FIG. 6B

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**FIG. 6C**

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**FIG. 7**