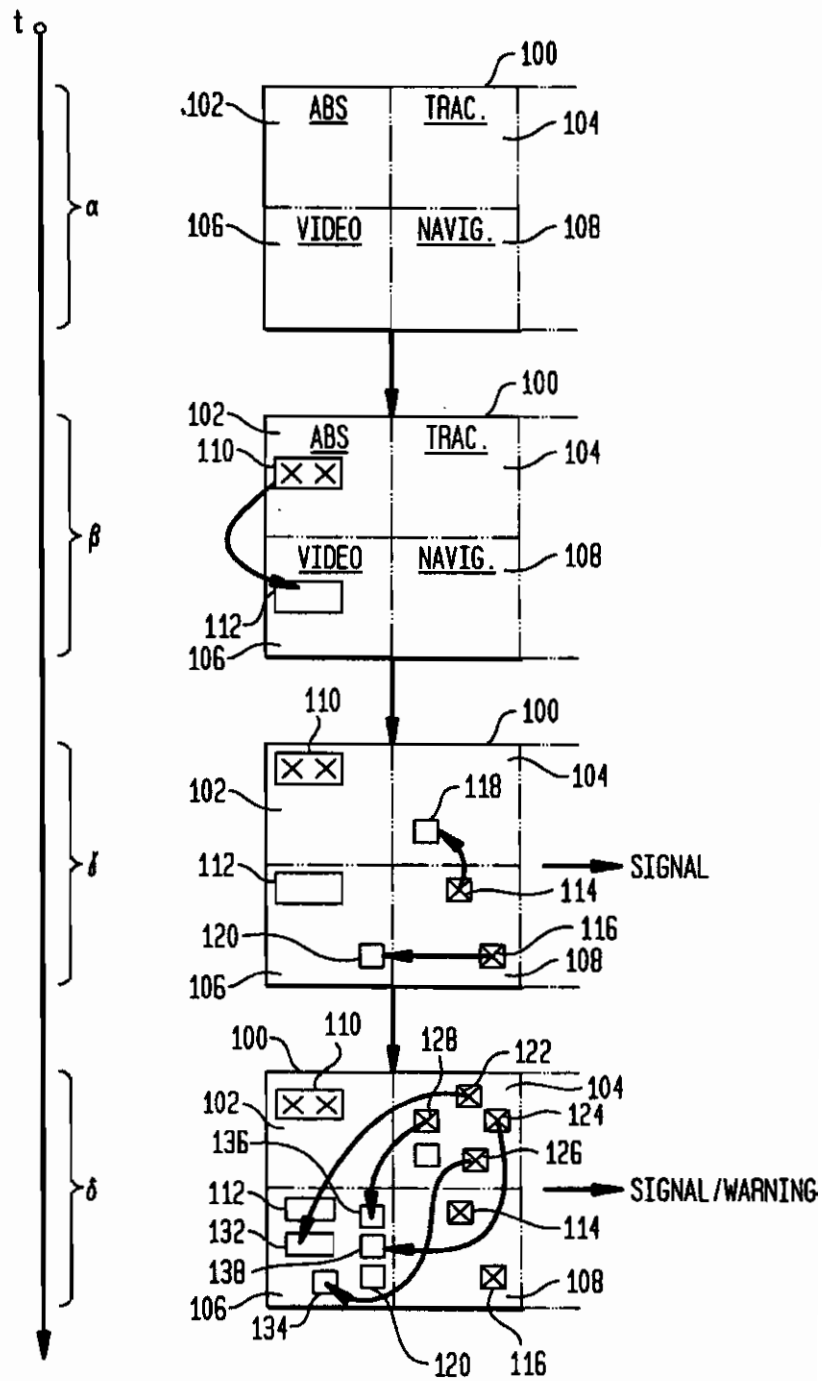
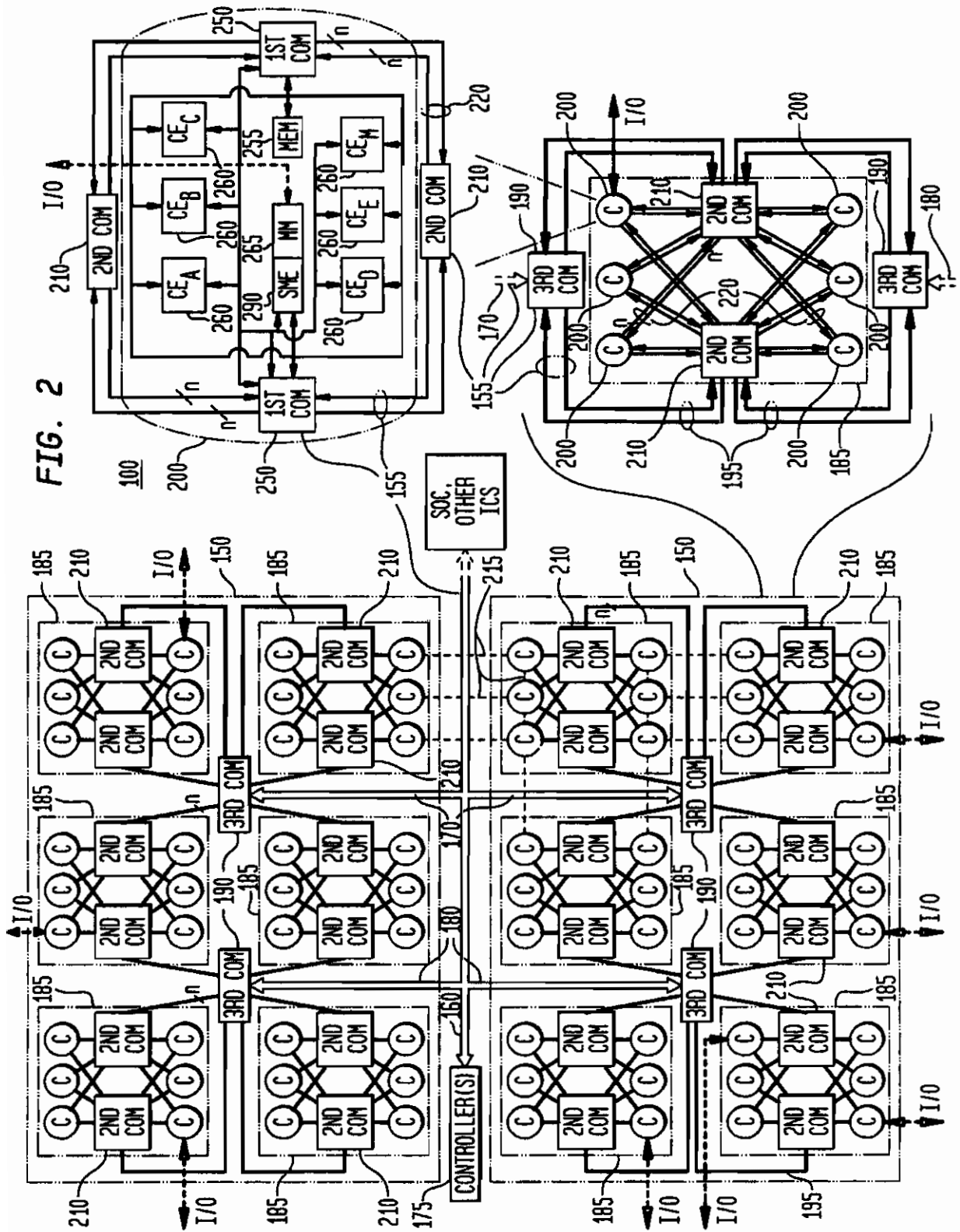


FIG. 1





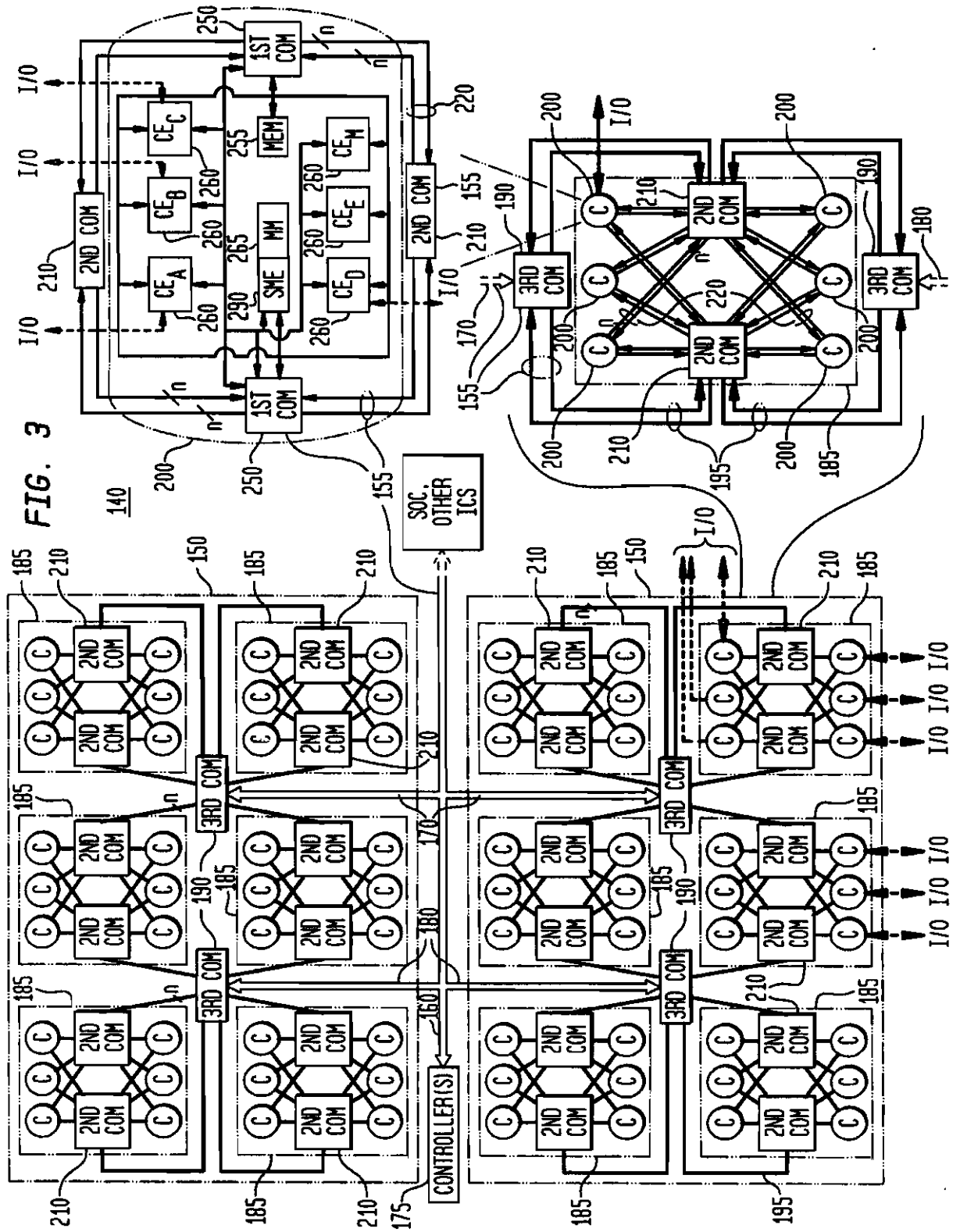


FIG. 4

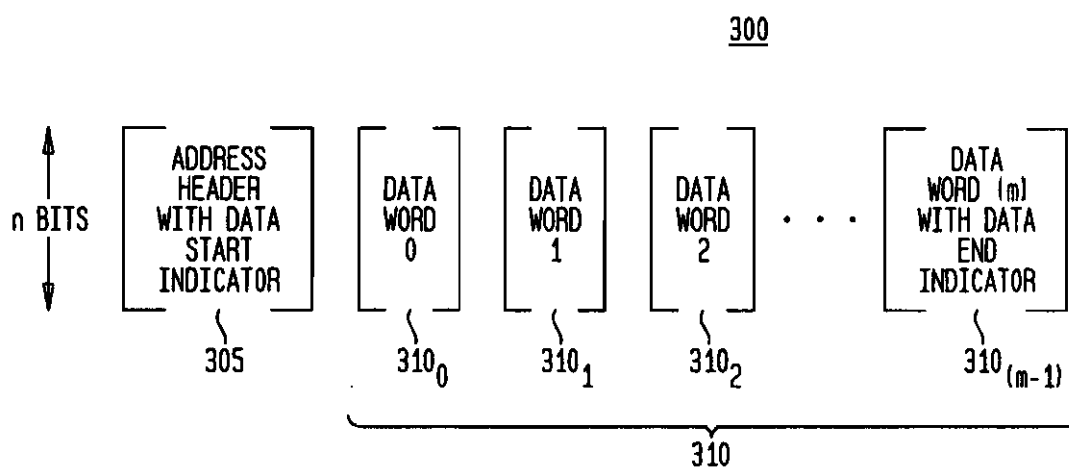


FIG. 5

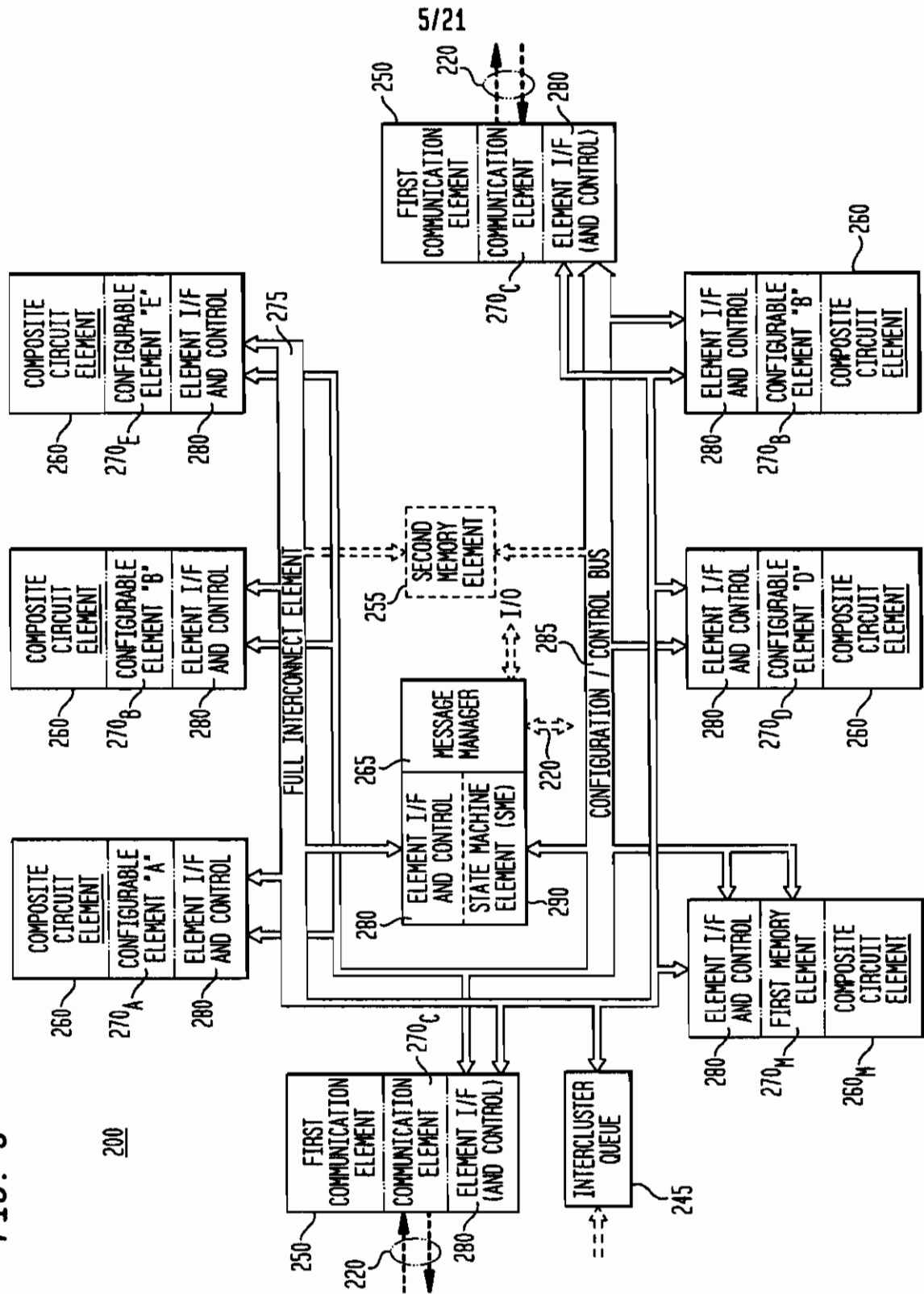


FIG. 6

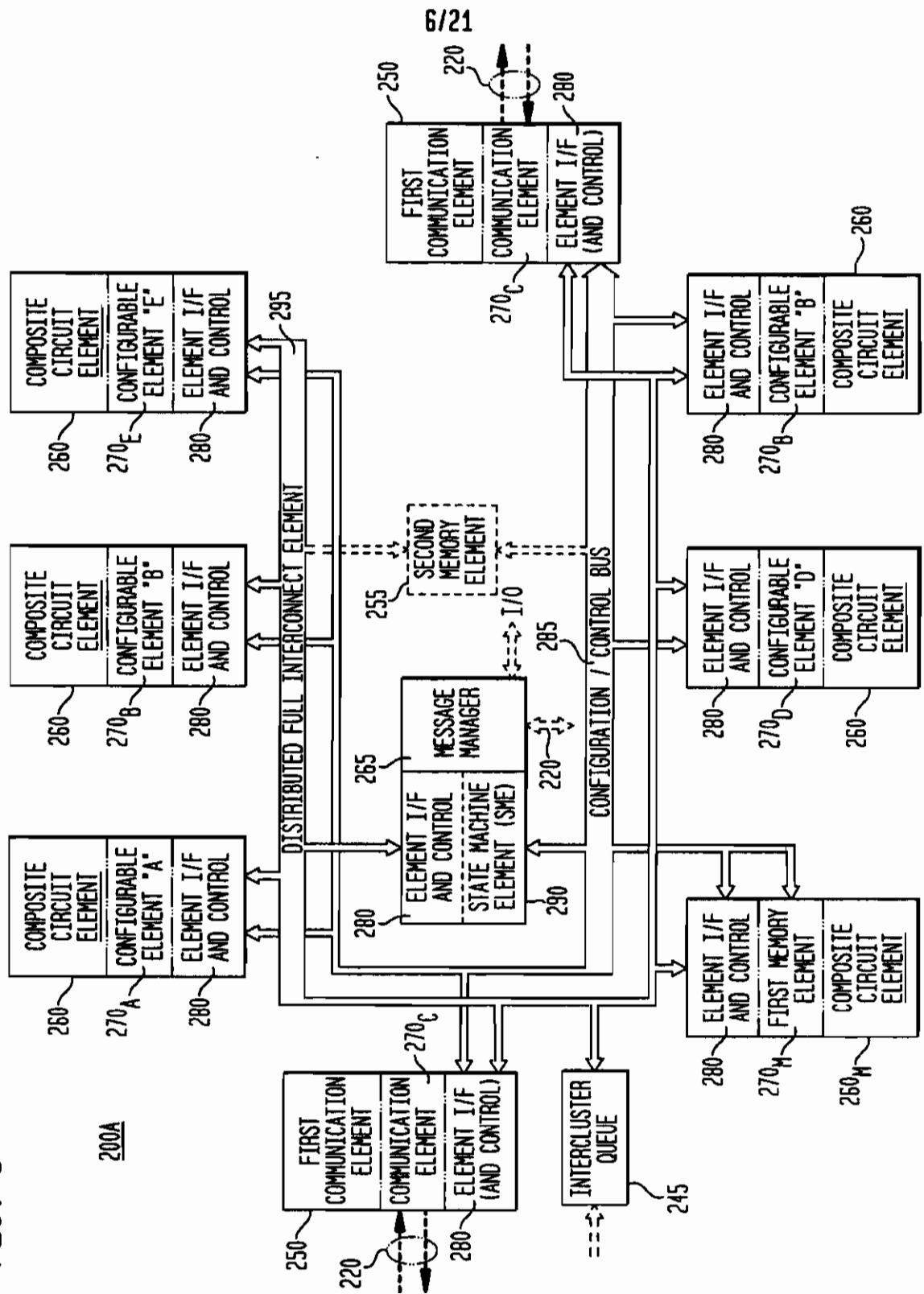
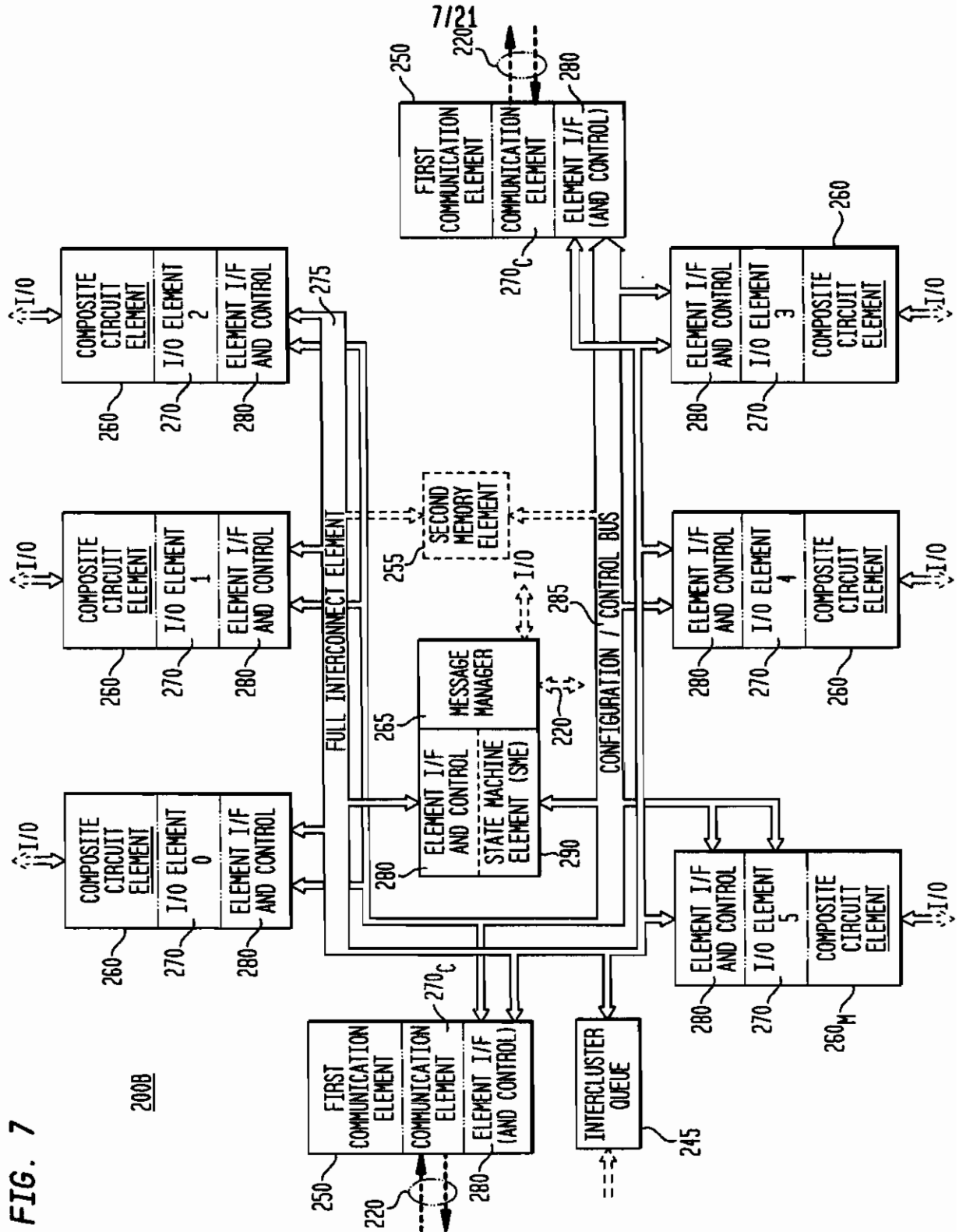
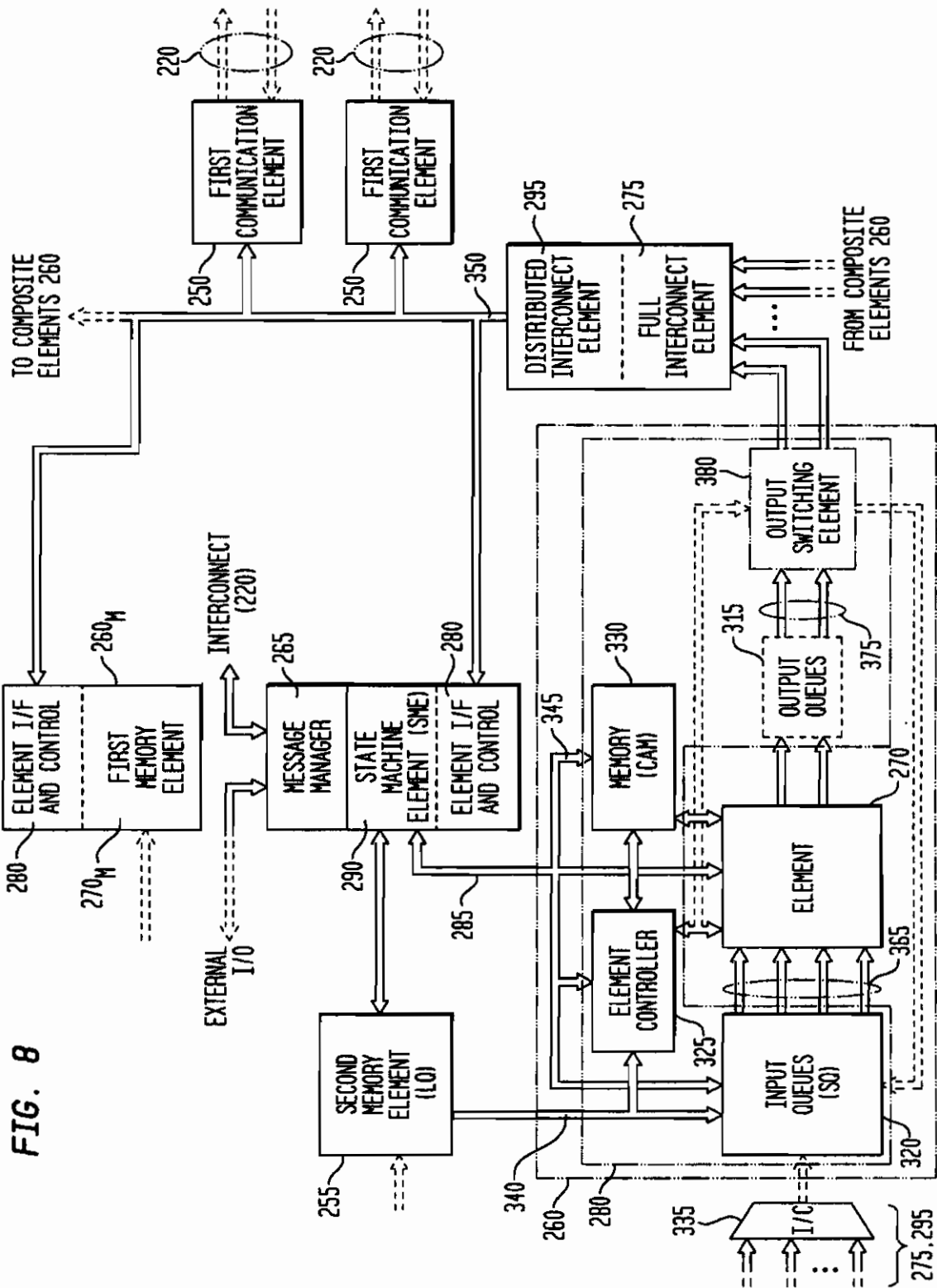


FIG. 7





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FIG. 9

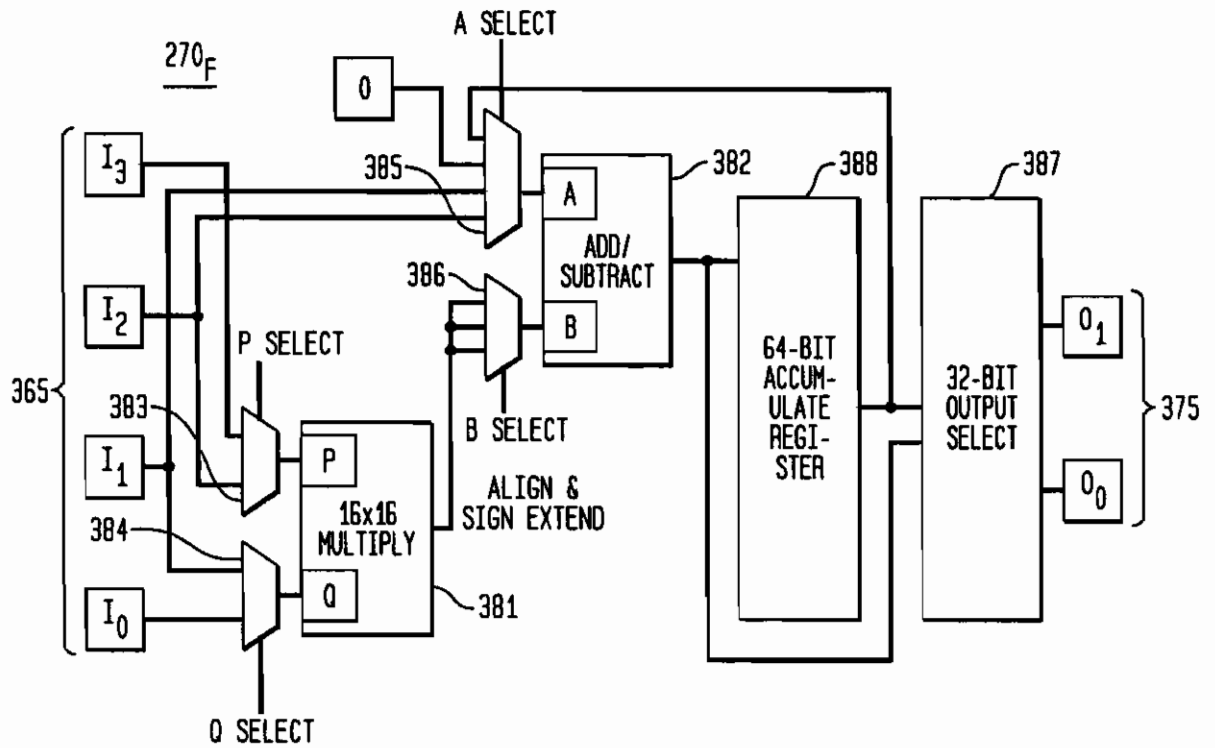


FIG. 10

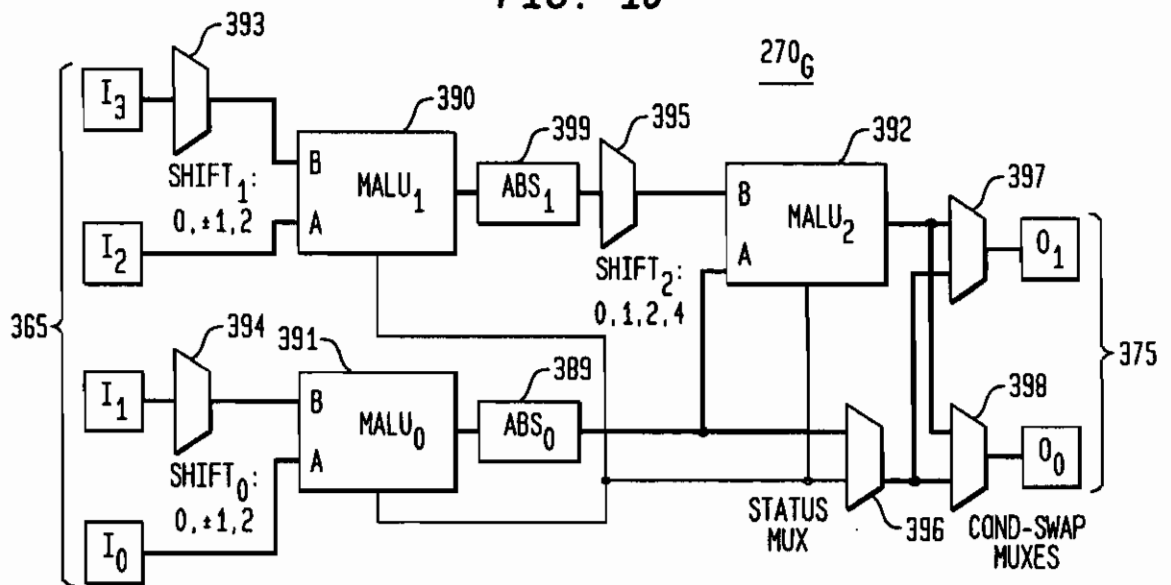


FIG. 11

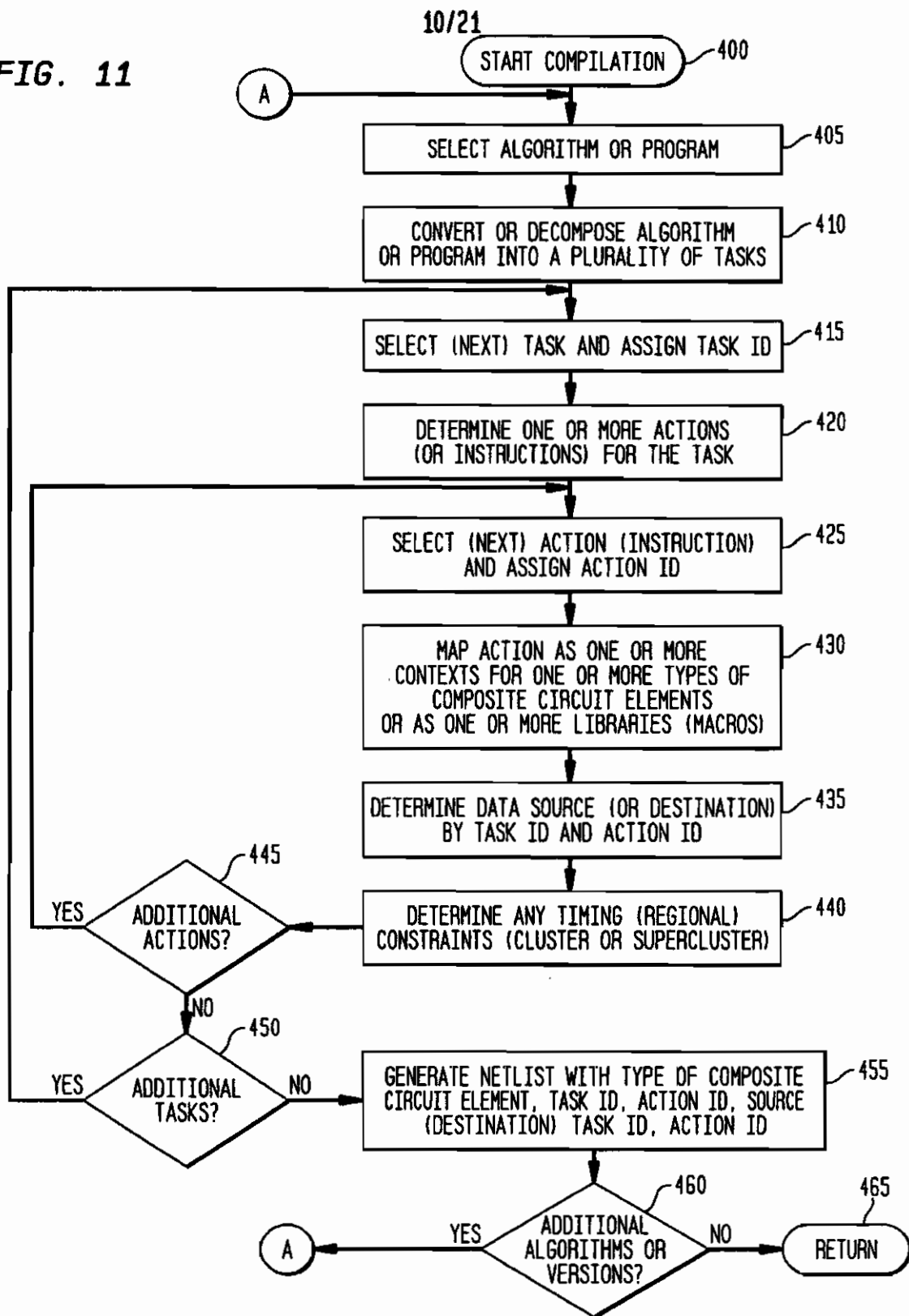
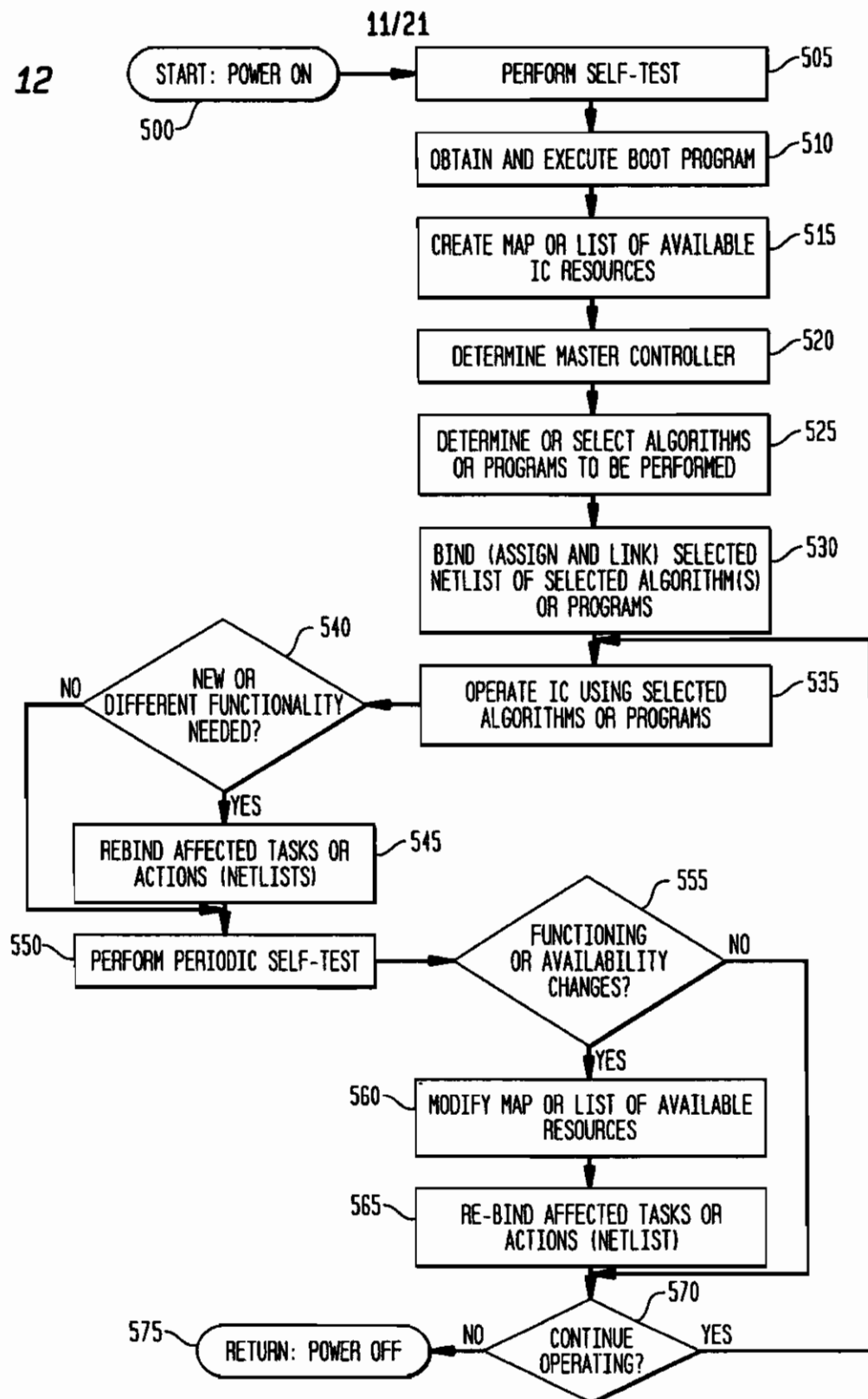


FIG. 12



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FIG. 13

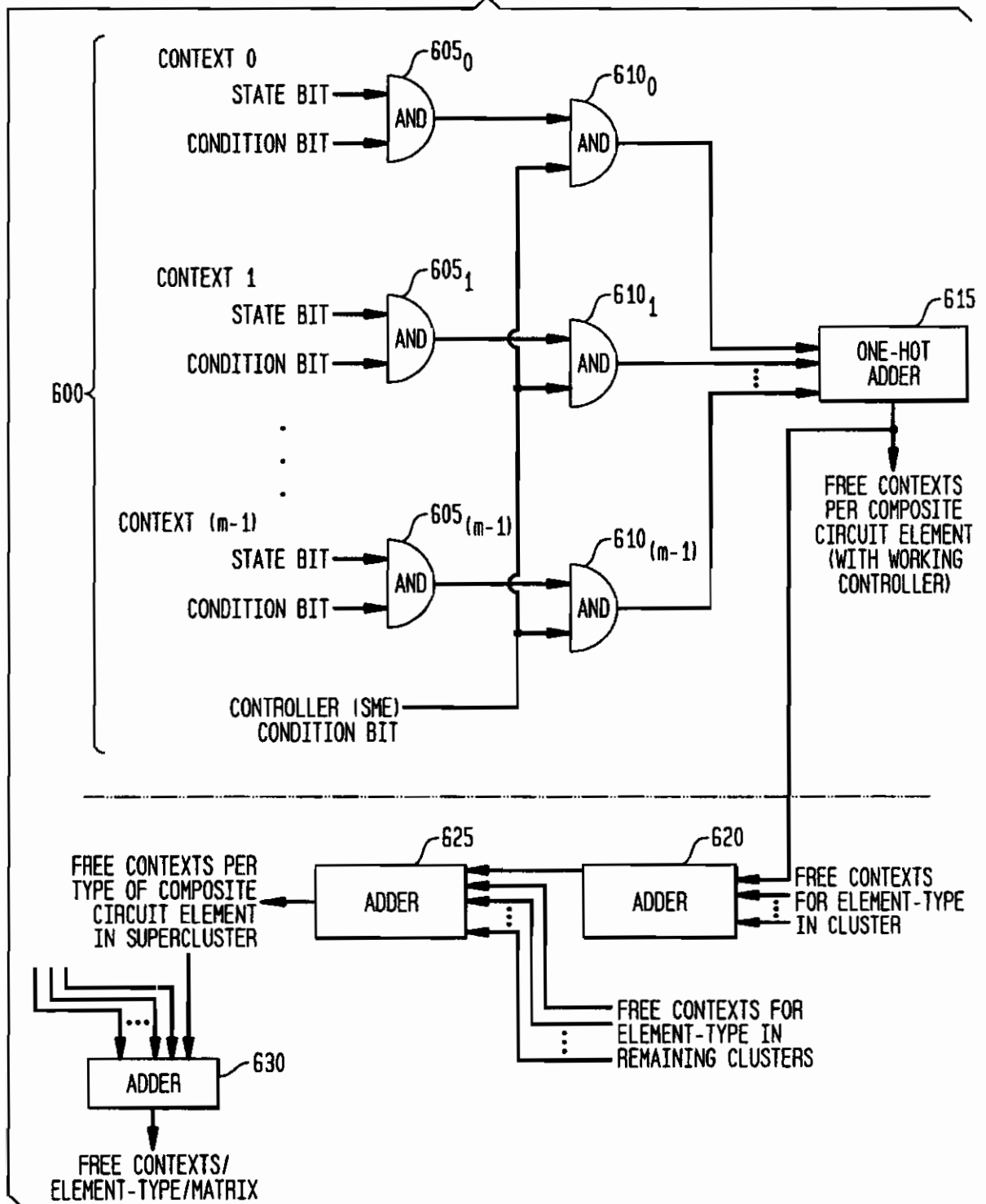


FIG. 14A

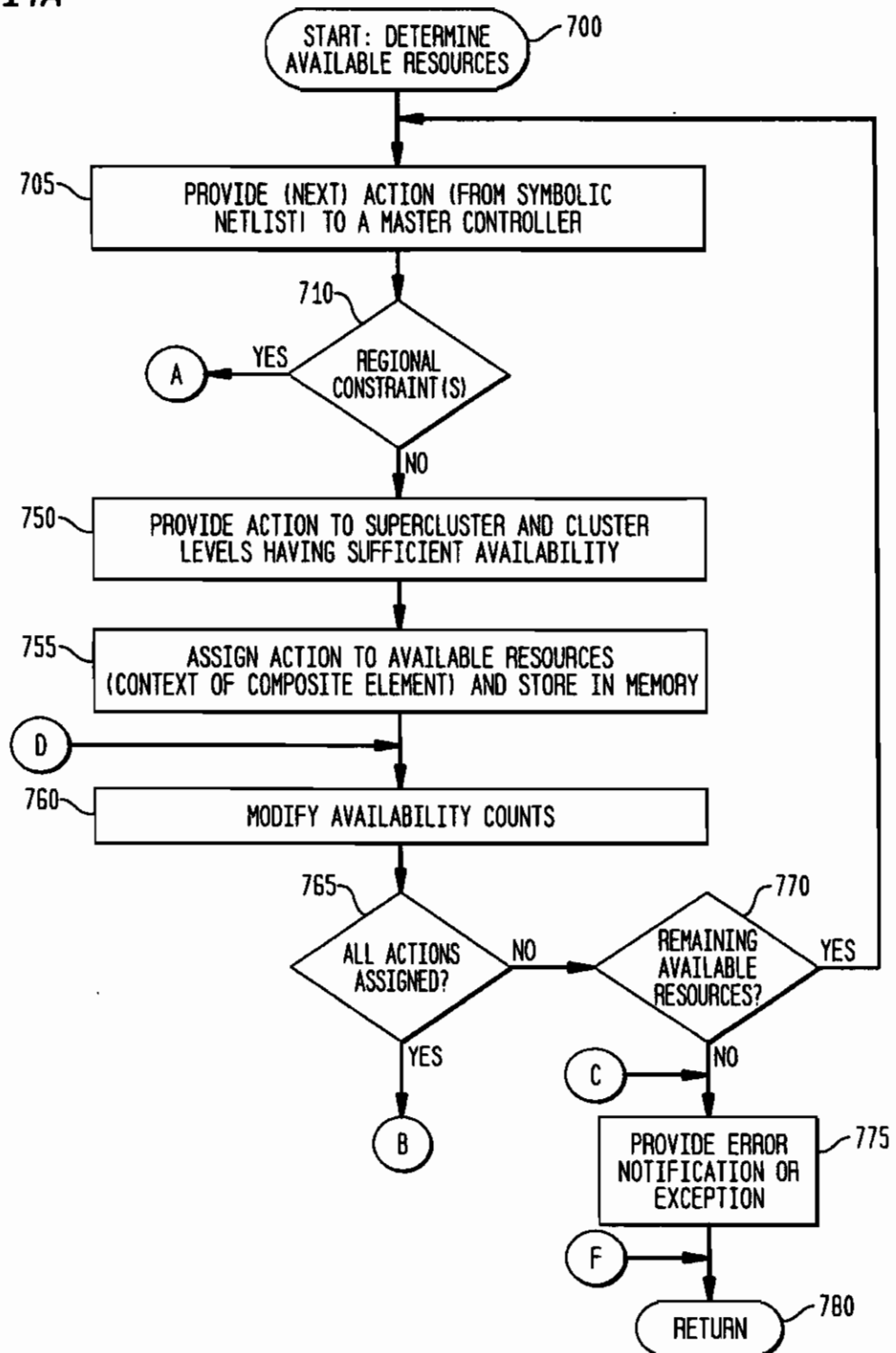


FIG. 14B

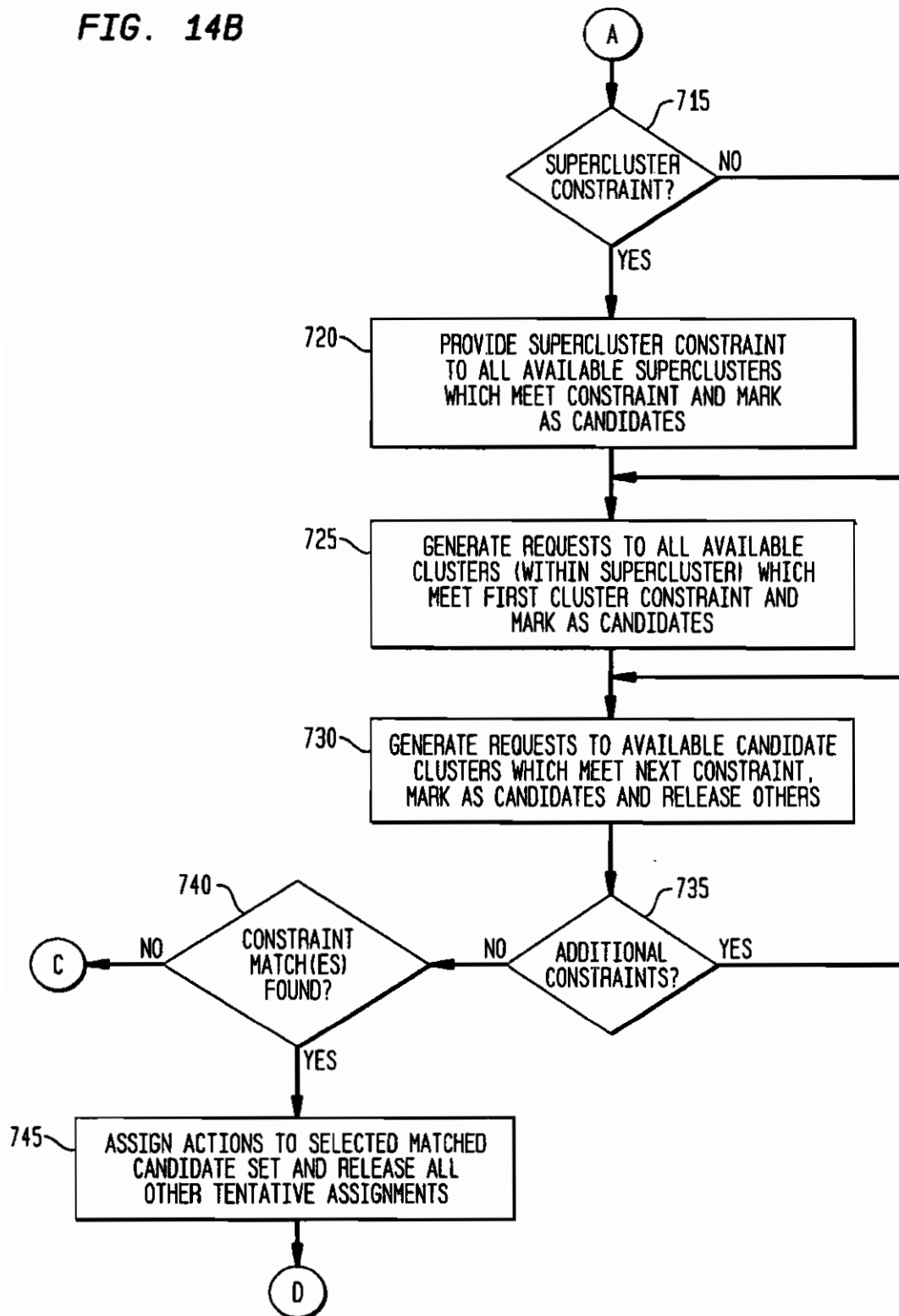


FIG. 14C

```
graph TD
    B((B)) --> 800[800 SELECT ACTION (CONTEXT OF COMPOSITE CIRCUIT ELEMENT) AND DETERMINE ITS SOURCE (DESTINATION) TASK AND ACTION IDENTIFIERS]
    800 --> 805[805 CLUSTER CONTROLLER EXAMINES MEMORIES FOR CORRESPONDING SOURCE (DESTINATION) TASK AND ACTION IDENTIFIERS]
    805 --> 810{810 CORRESPONDING SOURCE (DESTINATION) TASK AND ACTION IDENTIFIERS LOCATED WITHIN CLUSTER?}
    810 -- YES --> 815[815 ESTABLISH ROUTING BETWEEN DATA SOURCE AND DATA DESTINATION]
    815 --> 820{820 ADDITIONAL ACTIONS?}
    820 -- YES --> B
    820 -- NO --> 850[850 SET OR ENABLE RUN STATUS FOR SELECTED TASK]
    850 --> 855{855 ADDITIONAL TASKS?}
    855 -- YES --> B
    855 -- NO --> F((F))
    810 -- NO --> 825[825 ROUTE SOURCE (DESTINATION) OF SELECTED ACTION TO FIRST CLUSTER PERIPHERY AND GENERATE ROUTING REQUEST TO SUPERCLUSTER CONTROLLER]
    825 --> 830[830 SUPERCLUSTER CONTROLLER SENDS REQUEST TO ALL (OTHER) CLUSTERS TO QUERY FOR CORRESPONDING SOURCE (DESTINATION) TASK AND ACTION IDENTIFIERS]
    830 --> 835{835 CORRESPONDING SOURCE (DESTINATION) TASK AND ACTION IDENTIFIERS LOCATED WITHIN A CLUSTER OF (FIRST) SUPERCLUSTER}
    835 -- YES --> 840[840 SECOND CLUSTER HAVING CORRESPONDING SOURCE (DESTINATION) TASK AND ACTION IDENTIFIERS ROUTES TO ITS PERIPHERY AND TRANSMITS A CORRESPONDING MESSAGE TO SUPERCLUSTER CONTROLLER]
    840 --> 845[845 SUPERCLUSTER CONTROLLER CREATES A CORRESPONDING LINK (VIA INTERCONNECT) BETWEEN SOURCE AND DESTINATION CLUSTERS]
    845 --> H((H))
    835 -- NO --> G((G))
```

FIG. 14D

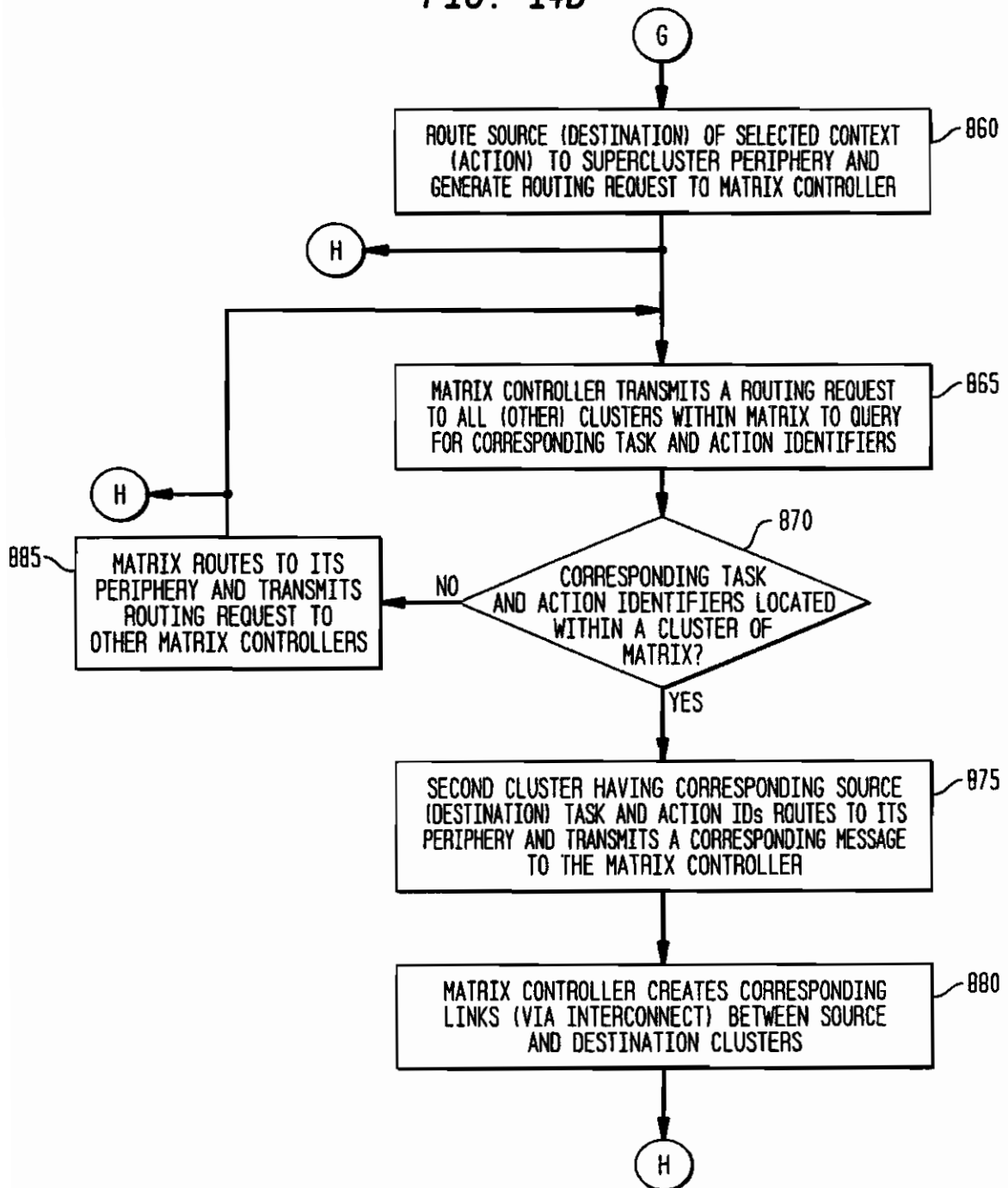


FIG. 15

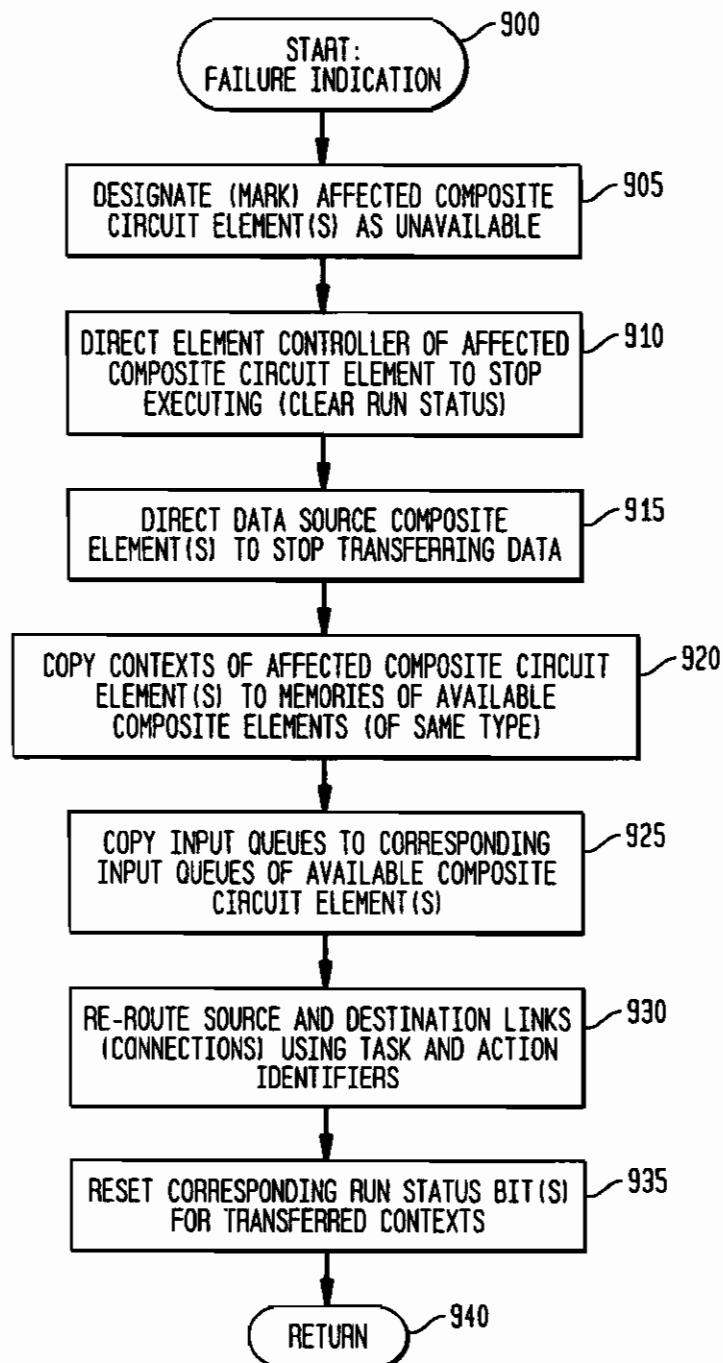


FIG. 16

1000

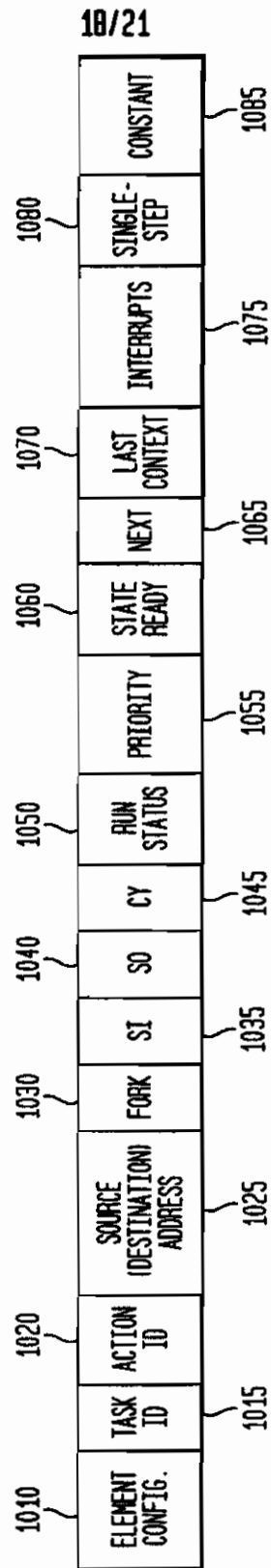


FIG. 17

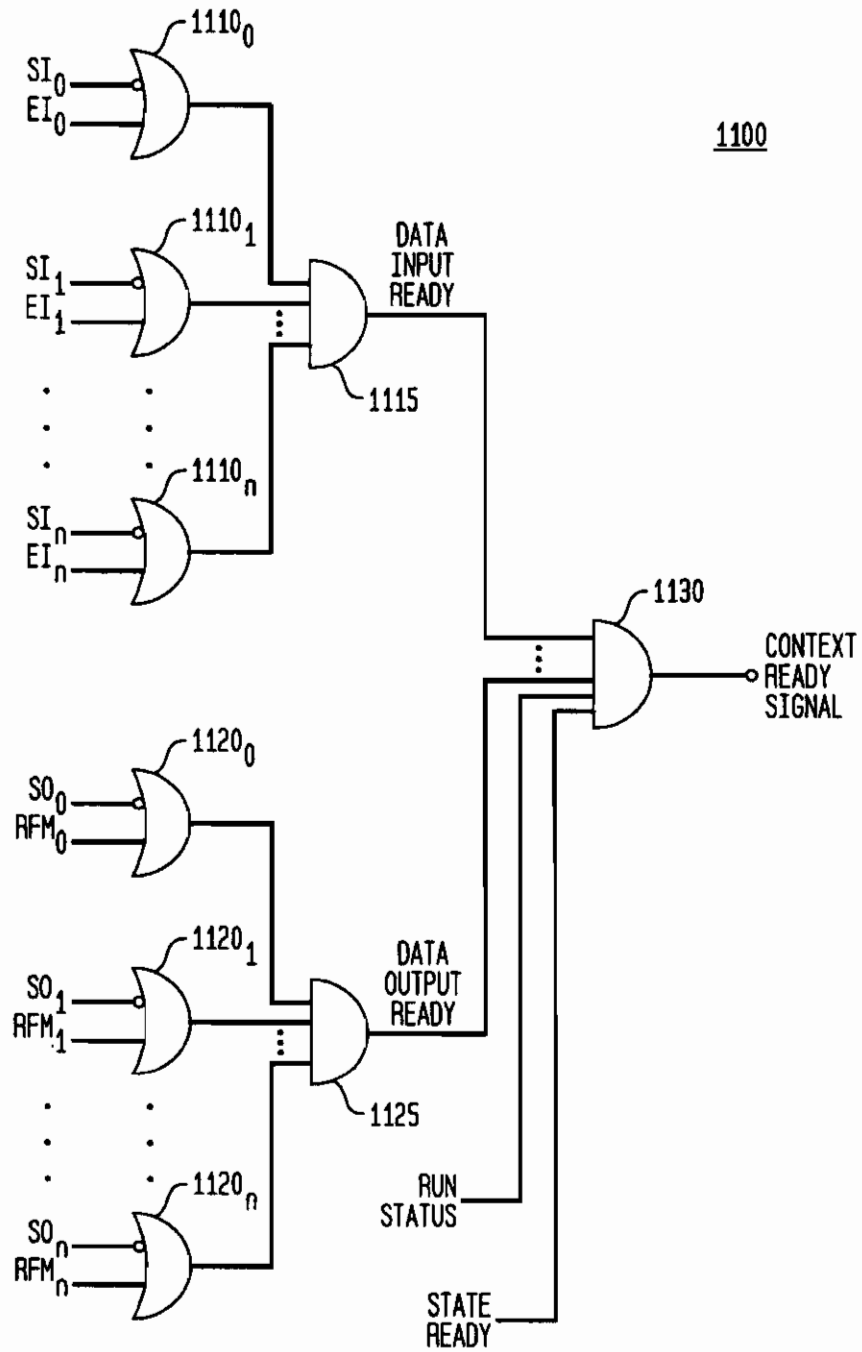


FIG. 18

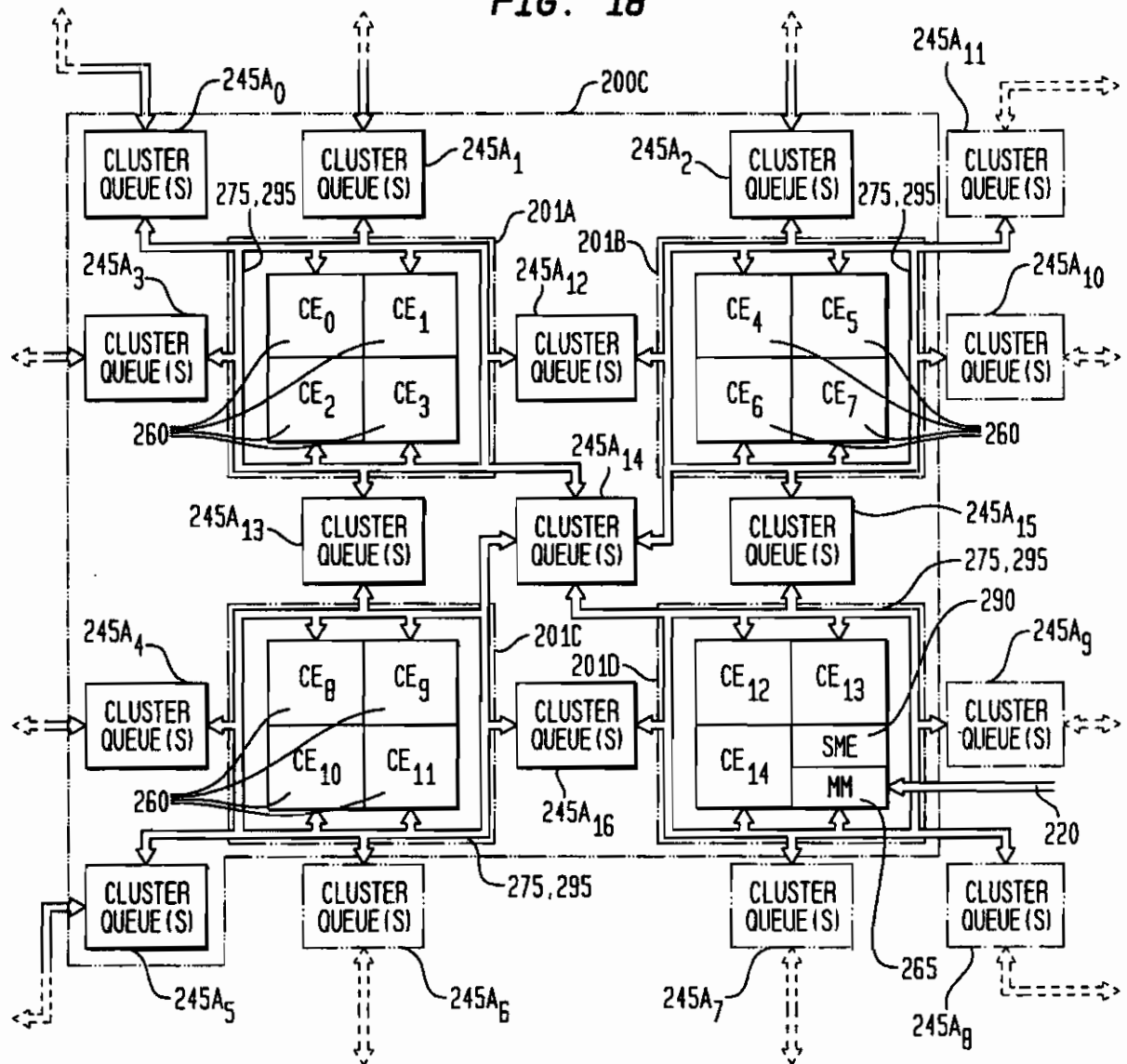


FIG. 19

185C

