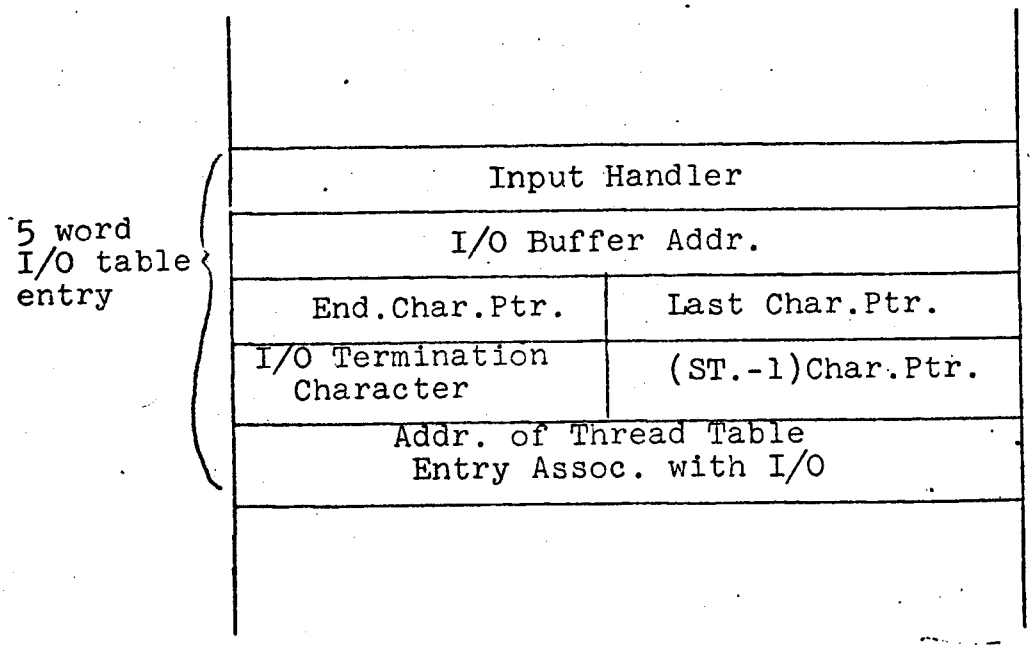
516-25
CC
5/16/69

I/O Table

The I/O table has one entry (consisting of 5 words) for each node on the I/O ring. Each entry contains the complete status of any I/O currently in progress at that node. This allows the I/O to proceed at its own pace under interrupt control. Each time a node interrupts, indicating that it needs service, the interrupt handler looks up that node's entry in the I/O table and transfers thru the first word of that entry to the specific I/O interrupt handler servicing that node (it could also be servicing other nodes with similar I/O devices attached). The specific I/O handler then uses the rest of the I/O table entry as status of the I/O transaction at that node.



I/O Table Pointers

.IØSRT - Ptr. to 1st Word of 1st Entry

.IØEND - Ptr. to Last Word of Last Entry