The I/O entity:

the medium the transducer electronics the device

Basic types:

Interrupt-driven
polling
I/O controller (e.g. DMA)
I/O processor

Disk storage:

- 1. track, cylinder, aerial density
- 2. Rotation, seek
- 3. disk block
- 4. I/O processor mechanism: e.g., elevator
- 5. Disk arrays -- RAID levels, performance vs. redundancy

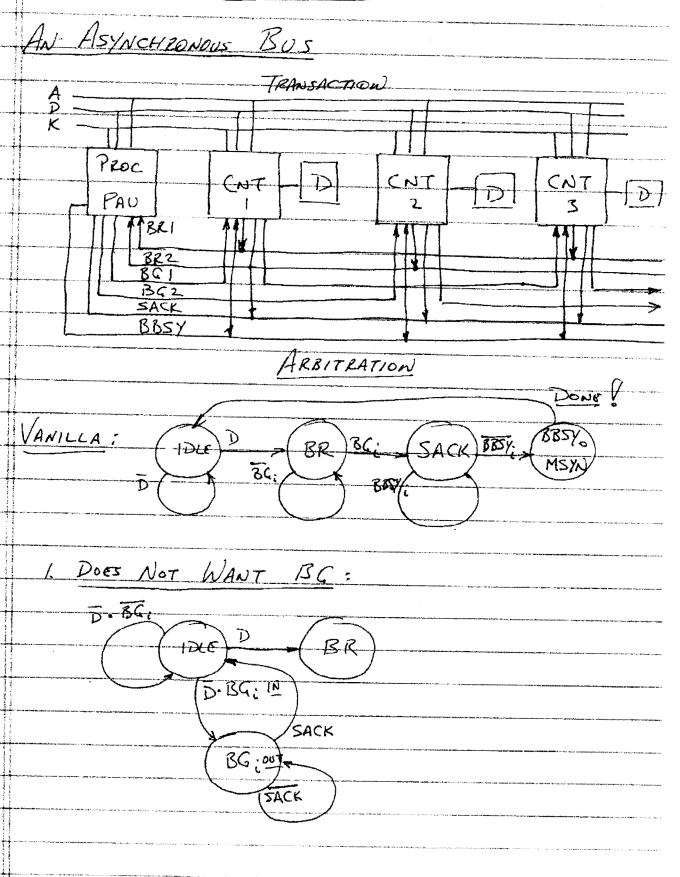
Buses:

- 1. Signals: A, D, C
- 2. Separate A,D lines vs. Multiplexed A,D lines
- 3. Pending bus vs. Split-transaction bus
- 4. Asynch vs. Synch
- 5. Arbitration: Centralized vs. Distributed

	I/O NOTES (SHT,)
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THE STATE OF THE S	- INSTRUCTIONS: MEMORY-MARIED SPECIAL
nacia a Grand gran indicanalis, deligar yi baye age	- SYNCH / ASYNCH
entrement to specific the state of the specific transfer and speci	* BUSES
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TOTAL TO SECURE AND A SECURE AS A PARTIES.	- WIRES: DATA, ADDRESS, CONTROL
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The second secon	· CENTRAL: PAU
The state of the s	- DISTRIBUTED: "DINNER TABLE"
The second secon	· ASYNCH SYNCH SHARON
and the second s	ASYNCH - HANDSHAKING (SLOW) NO CLOWN
	NO COCK
	EVERYTHING EXPLICIT
	SYNCH - MOST IMPLISIT (FAST) FAST 1-5
en e	· PENDING / SILIT-TRANSACTION
on one of the second	PIPELINO VS TAGGED
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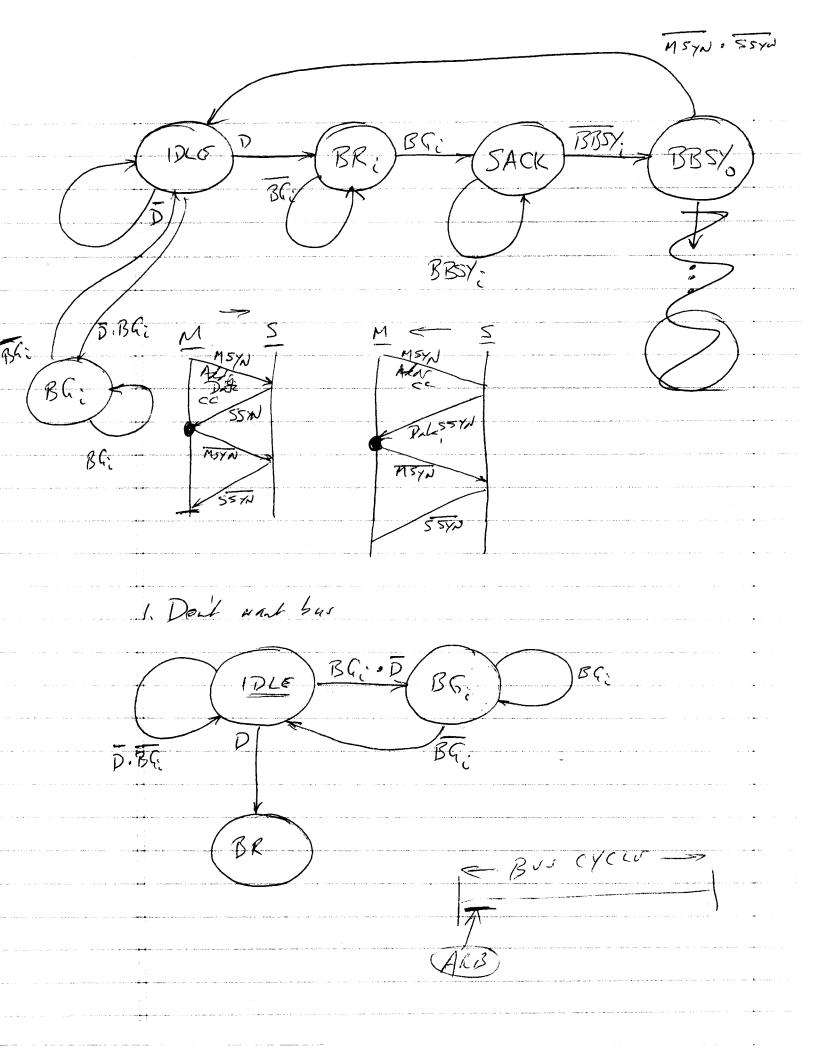
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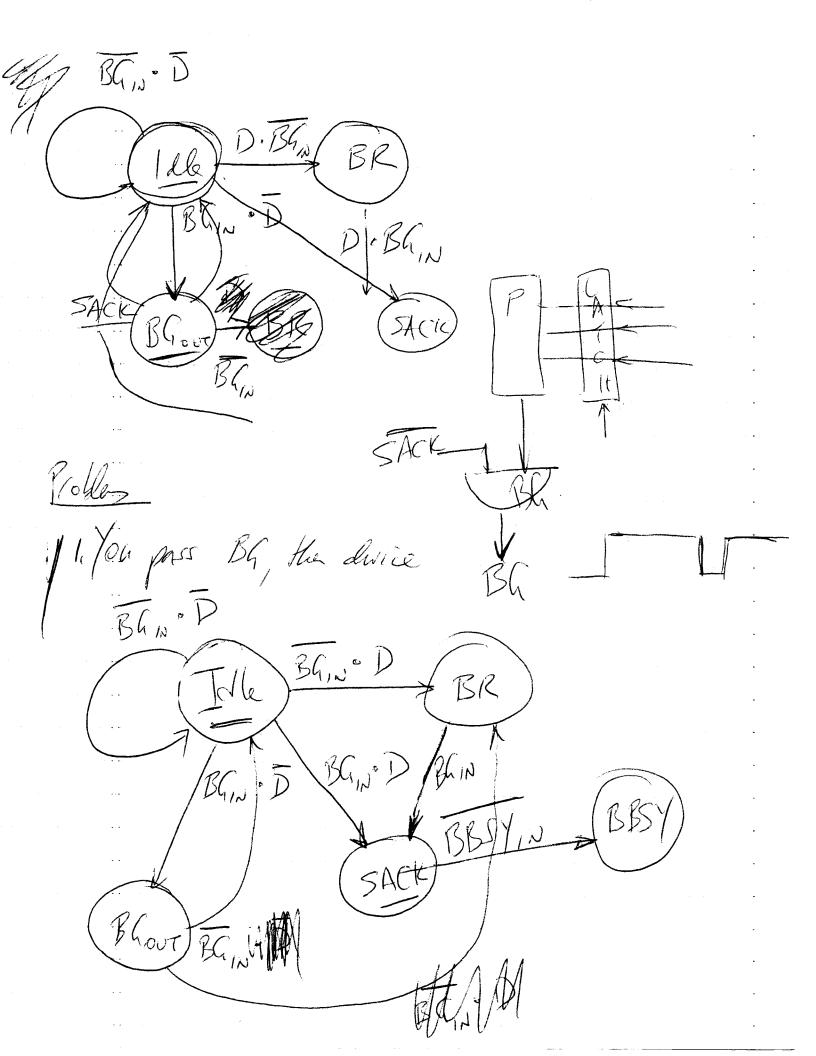
I/O NOTES (SHT. 2)

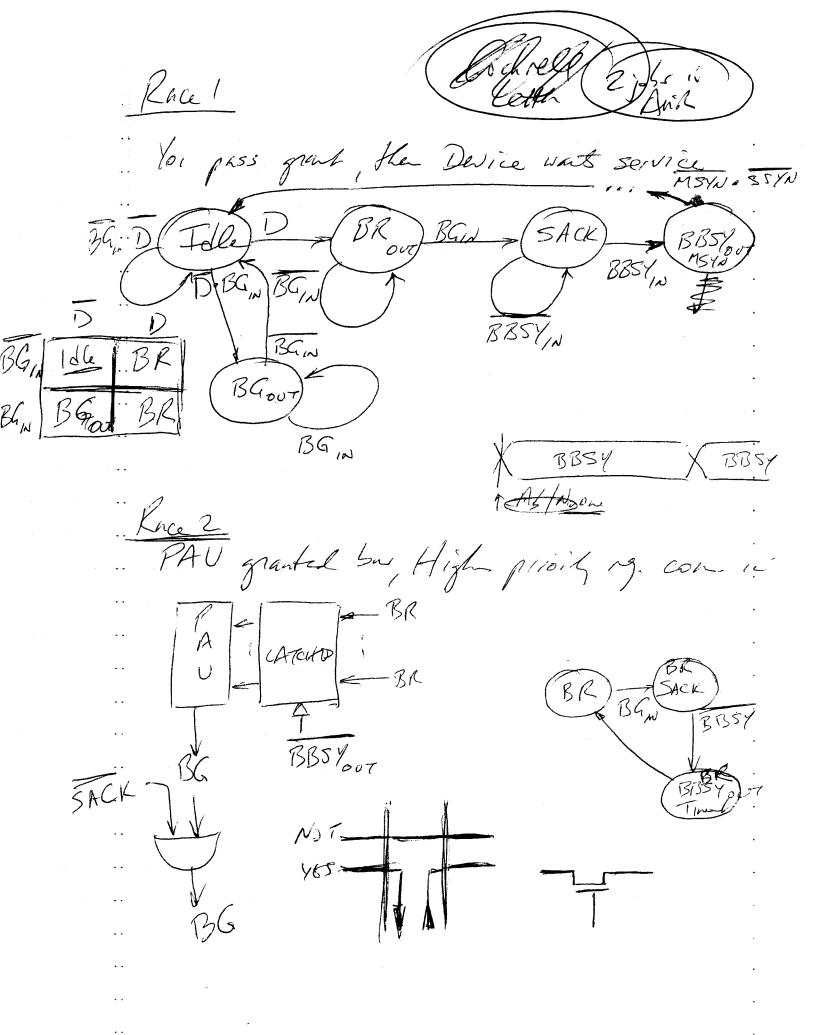


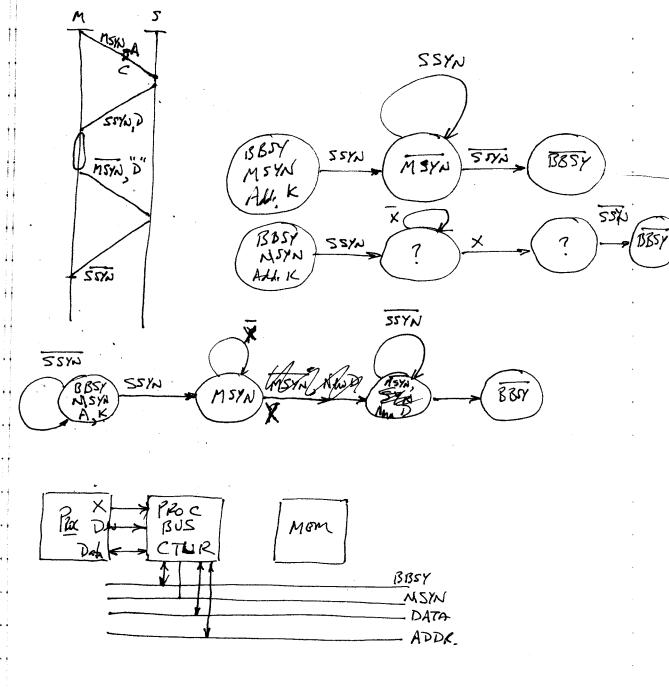
I/O NOTES (SHT 3)

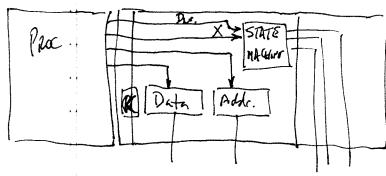
2. WHAT IF DEN WANTS BUS AFTER GRANT
A. AT CHIS PRIDAITY LOVER TOWER
6. AT HIGHER LEVER: PAU MUST NOT
ANSWER: ONCE PAU HAS GRAVED
TSBSY CAN NOT GRANT TO LATECOMER
BRI - BRI - PAU RC
BESY. LOGIC > BC
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SACK
8. WHAT IS "DONE"?
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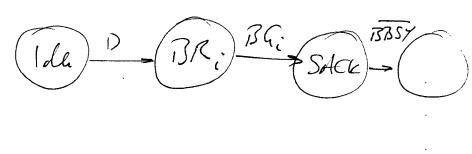


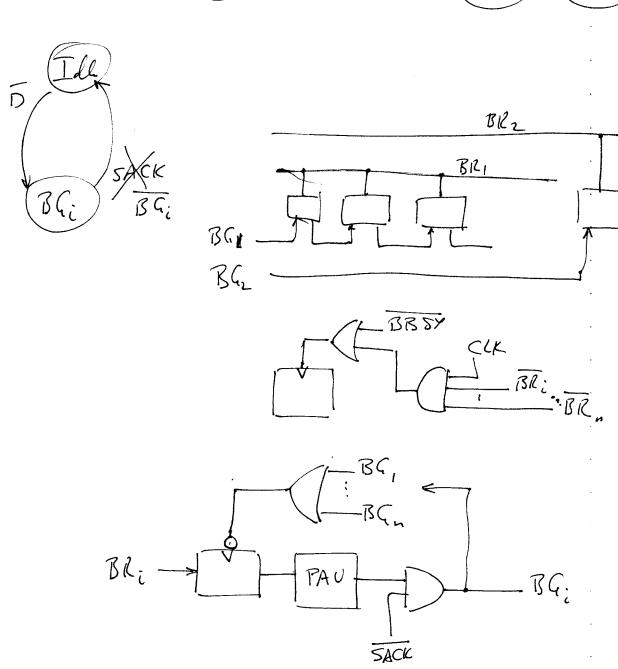












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