The state of the Art is changing rapidly. In fact I ran into him in New Mexico last month. Seems he had just gotten back from China where he had seen their latest computer. It was really fantastic, but they still have a problem with noise from the leads. I asked Art to clue me in on the latest devices coming out of research and these are the ones he told me about:

The Don't Gate
You don't get no output no matter what's at the inputs. It is believed that the don't gate was the breakthrough that made the LSI write only memory possible.

Noise Emitting Diode (NED)
When connected across a 1000 volt supply it makes a loud noise (once). The NED was discovered by Igor Pravaganda whom you'll recall worked many years trying to filter AC with electrolytics. He'll always be remembered as the father of the confetti generator.

Shiftless Register
Must be used with 3 speed forward clutch gate. Shifts at 15, 25, and 35 bits per second. Double clutching with logic 2's is not suggested.

Inoperational Amplifier (IN-OP AMP)
Linear cousin of the DON'T gate. Provides no output for any input at a slew rate of 0 volts per microsecond. Mil Spec. version available at 100 times the cost of OEM version.

J(UN)K Flip Flop
 Doesn't change state when clocked regardless of input states. Changes state only when cola machine down the hall makes change.

Excess 3 To Insufficient 4 Carry Forward Fudger
Used to enter Murphy factor and get the programmer off the hook.

Moss
Highly experimental material. Very rare at present since only source is from under grizzly bear toenails. Turns green when facing north while on wood substrate.

Fuzz Locked Loop
Great if you want to avoid radar speed traps.