

Re: OT: Why welfare doesn't work!

Source: <http://sci.tech-archive.net/Archive/sci.electronics.design/2008-09/msg02206.html>

- *From:* "Michael A. Terrell" <mike.terrell@xxxxxxxxxxxxxx>
 - *Date:* Sun, 14 Sep 2008 13:21:38 -0400
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bill.sloman@xxxxxxxx wrote:

On Sep 13, 11:41 pm, "Michael A. Terrell" <mike.terr...@xxxxxxxxxxxxxx> wrote:

bill.slo...@xxxxxxxx wrote:

If you and Jim think that reporting peple to the FBI is a joke, you do need to have your "sense of humour" adjusted.

I have never reported anyone to the FBI, Bill. Are you off your meds, again?

That was Jim, and you seem to be willing to endorse that particularly hare-brained aberration.

Your search skills aren't up to much, and you do seem to share Jim's enthusiasm for ignoring reality whenever he finds that the real world isn't behaving the way he'd like it to

Then post links to all those messages you claim exist. OTOH, why aren't all these people jumping in and sticking up for you, right now?

Why should they bother? You are coming across as a fantasising nitwit, and I'm encouraging you to continue to make it clear what a prat you really are – which isn't an entirely charitable way to behave.

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US employers can't be all that smart – if we are to believe your claims about your employability, they hired you repeatedly, and your own internet persona is not wildly attractive.

What you see is a reflection of what you dish out, and I have not been able to work since I ended up on this group. Also, I didn't have an internet connection when i was hired at my last job. Once again, keep your lies s straight.

"Lies"? Find a statement of mine that conflicts with a fact for which you can find objective confirmation.

He's mentioned his designs for Motorola several times on this user group, and it struck me at the time that they were the only Motorola parts that I'd ended up detesting – many years before I learned about the common factor behind these rare exceptions to the general rule.

He mentioned things from the 'Model T' era of IC design. His recent designs are all NDA. That means you haven't done anything in so long that you had no marketable skills.

Why should a statement that refers to what I was doing in the Model T era of circuit design suggest to you that I hadn't done anything since then? You need to study elementary logic.

The solution to our problem turned out to be a proper coaxial connector on the high voltage connection to the cathode. It took a long while before production engineering could be persuaded to swallow the extra expense of a 30kV rated coaxial plug and socket, and it ended up being justified on the grounds that it simplified assembly and maintenance. The elimination of the catastrophic currents in the ground connections was a (not unexpected) bonus but not one that engineering could have guaranteed in advance.

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You should try working with 10A 30 KV shielded HV cables, and the connectors at a transmitter site.

Where do you think our 30kV-rated connector came from? There are more TV stations around than electron microscopes, and we always bought off the shelf components when we could.

So you used armored cable with a three foot bending radius?

Meanwhile we'd had to engineer the computer control system to survive on the electron microscopes that production engineering had stuck us with – which was easy enough, if not all that cheap. Process control and local area network hardware has to be engineered that way to survive the ground surges from nearby lightning strikes.

A lot easier than protecting a transmitter under a 1749 foot tower.

Probably not. The frame of the tower would serve as a half-arsed Faraday cage. A modern mast of that height might use resin bonded composites, but that would be a bit too 21st century for you. You'd see more frequent lightning strikes than an industrial plant, but a transmitter within the footprint of the tower wouldn't see much that much current circulating through its ground connections.

The multi-phase stroboscopic electron beam tester took longer to develop than it should have done, for reasons that were entirely due to management decisions, and was eventually canned, but only after the first prototype was doing pretty much exactly what we'd claimed that it would. The problem was that the idiot manager who had written the original requirement specification – the one that I'd thought that I was sending up by writing a practicable but impractical design

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specification based on Gigabit Logic's hideously expensive GaAs logic
– had been lying about the potential market, and when he finally bailed out and the real marketing guys got to talk to his claimed potential customers, there weren't quite enough potential buyers left to carry us into full production.

Very frustrating.

Shit happens. Turn the fans off, first.

So you want to emphasise that you haven't got a clue? For a start, it did both heating and cooling (as I've already pointed out dimbo).

Gee, Bill that's what the Peltier devices were developed to do. You act like it was the hardest design job since the beginning of time to adjust the temperature.

The trick was to engineer the control loop so it that stayed dead-beat (maximally fast settling) when either heating or cooling. Don't feel too bad about not being able to appreciate that this was necessary and desirable – Flaxer published a paper in 2003 that I was able to pillory because he'd missed this subtle but important point.

"Comment on ?Implementing of a precision fast thermoelectric cooler using a personal computer parallel port connection and ADN8830 controller?" Review of Scientific Instruments volume 75 pages 788–9 (March 2004).

<snip>

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Bill Sloman, Nijmegen

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<http://improve-usenet.org/index.html>

aioe.org, Goggle Groups, and Web TV users must request to be white

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listed, or I will not see your messages.

If you have broadband, your ISP may have a NNTP news server included in your account: <http://www.usenettools.net/ISP.htm>

There are two kinds of people on this earth:

The crazy, and the insane.

The first sign of insanity is denying that you're crazy.

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