

From: Nickol aus Leggett [REDACTED]
Sent: Monday, August 08, 2011 9:49 AM
To: ai_a_implementation
Subject: Congressionally-Directed Reports - to Janet Gongola, Associate Solicitor

To Janet Gongola, Associate Solicitor, Office of the Solicitor

Comments from Nickol aus E. Leggett, independent inventor, on Congressionally-Directed Studies and Reports (America Invents Act)

My background

I am an individual independent inventor holding three U.S. Patents. My latest patent is a wireless bus for computers and other digital devices (U.S. Patent # 6,771,935). I am also a certified electronics technician (ISCET and INARTE) and an Extra Class amateur radio operator (call sign N3NL). I have a Master of Arts degree in Political Science from the Johns Hopkins University (June 1970). In addition, I am a professional technical writer.

My experience in amateur radio and electronics enabled me to invent a wireless bus for computers and other digital machines (U.S. Patent # 6,771,935). In addition, I have worked on other technical advances such as defining a "lighthouse protocol" for enhancing radio communications in the microwave frequency bands. I am also the inventor of a microwave-based insect killing system for greenhouse incoming air flows (not patented).

Proposed Public Participation in the Congressionally-Mandated Study of the Implementation of the America Invents Act

Many independent inventors and small organizations are concerned about the possible impacts of the America Invents Act (AIA) on the operations of the USPTO and its resulting impacts on invention and the economy.

This concern can be accommodated by including mechanisms for enabling American citizens to participate directly in the USPTO study of how the AIA is being implemented and its impacts on invention and small business.

The following mechanisms should be set up as part of this Congressionally-mandated study:

1. Study committees that have memberships representing a wide range of American citizens (The current Patent Public Advisory Committee (PPAC) is restricted to corporate leaders.)
2. A set of requests and comment periods for specific comments from the public related to the America Invents Act and its impacts on inventors and small business
3. A web site sponsored by the USPTO where the public can discuss the AIA and its ongoing impacts on invention and patents.

This Congressionally-mandated study has a four-year period which allows ample time to accommodate robust participation and input from the American public as a whole.

Respectfully submitted,

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August 8, 2011

Appendix A Additional Background

Some of my document references are listed below:

United States Patent 6,771,935, Wireless Bus August 3, 2004
United States Patent 3,280,929 Ground-Effect Machine October 25, 1966
United States Patent 3,280,930 Ground-Effect Vehicle October 25, 1966

"Demonstration and Development of Amateur Radio Applications of Natural Vacuum Electronics"; Nikolaus E. Leggett, N3NL - 22nd AMSAT Space Symposium and Annual Meeting October 8-10, 2004 in Arlington, Virginia

"A 'Lighthouse' Protocol for Random Microwave Contacts", Nikolaus E. Leggett, N3NL, QEX The Experimenter's Exchange - Technical Notes July/August 2004 - American Radio Relay League, Newington, CT.

I am an author, with my wife Judith F. Leggett, of numerous peer-reviewed papers on controlled-environment agriculture. Judith is an agricultural expert. We presented these papers at space engineering conferences.

I have submitted over 200 regulatory documents in rule making dockets at the Federal Communications Commission. These documents of mine are accessible online on the Internet at the FCC Electronic Comment Filing System (ECFS). In addition, I have filed regulatory comments at the EPA, FAA, and the TSA. These comments are accessible on the Regulations.gov website.