

Recent Patents Granted to Whitaker Chalk Clients

Patent Attorney Stephen Mosher reports several representative U. S. Patents recently granted to clients of Whitaker Chalk.

No. **9,493,925** APPARATUS AND METHOD FOR STABILIZING A SLAB FOUNDATION

A vertical moisture barrier or membrane is installed in a narrow trench outside the perimeter of the grade beam of the slab foundation and to a depth of up to five feet below the surface. The membrane, installed during construction of the slab foundation prevents changes in the moisture content of the soil upon which the slab foundation is constructed, thereby reducing foundation damage and minimizing the need for future remedial measures.

No. **9,467,727** PORTABLE BROADCAST SYSTEM ACCOMMODATING MULTIPLE REMOTE USERS FOR DIGITAL AUDIO/VIDEO TRANSMISSION VIA WIRED OR WIRELESS IP OR 3G/4G NETWORKS

A system of a plurality of portable remote broadcast transmit units and a portable receiver/server unit coupled to a user command center such as a PC for receiving and coordinating program content transmitted from the plurality of remote transmit units in real time while maintaining the bandwidth of the originating content. Program content is forwarded via Internet or satellite link to recipients. The transmit units and receiver/server units are substantially identical except for the custom software devised to control their functionality.

No. **9,360,852** WIRELESS NETWORK MACHINE CONTROL FOR A HYDRAULIC SYSTEM

A network of wireless transceivers, attached to a hydraulic machine or carried by a remote operator and configured to provide three-axis control of programmed functions unique to the hydraulic machine by sensing machine parameters and sending control signals to actuators on the machine or machines. Operator gestures signal defined functions communicated to the actuators to implement control of the machine. Machines susceptible to such control may include farm implements, cable or pipeline installation machines, and construction machines for example.

No. **9,255,690** LUMINAIRE FOR INDOOR HORTICULTURE

A luminaire for a horticulture lamp includes secondary reflection surfaces positioned over cooling air ducts within the light emitting space so that all of the light output is reflected and dispersed toward the intended plants.

No. **9,233,516** CLOTHING WIPE

A clothing wipe includes an applicator having a novel odor-neutralizing formulation deposited on one layer of a finger mitt applicator. Odors on a person's clothing may be neutralized by rubbing the treated layer over the outer surface of the clothing.

No. **8,931,658** PORTABLE DRIP CONTAINMENT DEVICE APPARATUS AND METHOD

A tray formed of chemical resistant fabric has side walls supported by removable bolsters formed of resilient foam enclosed within sleeves of the chemically resistant fabric. The bolsters

attach to the outside of the tray walls with flaps that are secured with hook & release fasteners for ease of assembly, disassembly, and reuse of the portable containment tray.

Mr. Mosher can be reached at smosher@whitakerchalk.com or 817-878-0549 for consultation on the processes for obtaining a patent on an invention.