

## Patent Protection & Registration

[Patents](#) grant property rights on new and useful inventions, allowing the patent holder to prevent others from using, making, or selling that invention without permission for a limited time. U.S. patents are permitted by the U.S. Constitution and are designed to promote scientific progress and invention. By allowing inventors to profit from licensing or selling their patent rights, inventors can recoup their research and development costs and benefit financially from their inventing efforts. There are three main types of patents utility, plant, and design. Utility and plant patents can last up to 20 years, while design patents can last up to 15 years. When a patent expires, the patented material enters the public domain, making it free to use by anyone without a license. U.S. patents are issued by the [United States Patent and Trademark Office \(USPTO\)](#).

[U.S. Patent No. 11,747,025](#) entitled “Apparatus and Process for Amateur HVAC Installation” issued September 5, 2023 to JOI Holding, LLC of Boaz, Kentucky. Invented by Jason Ingram also of Boaz, Kentucky. Abstract: Apparatuses, systems, and methods for providing non-expert installation of HVAC systems are provided. The HVAC system includes an indoor unit, an outdoor unit, a first pre-charged refrigerant line-set, a second pre-charged refrigerant line-set, and a line-set coupler, each containing pre-pressurized refrigerant securely positioned therein prior to engagement between two or more of the aforementioned elements. The first pre-charged refrigerant line-set is couplable between an indoor unit refrigerant port of the indoor unit and a first coupler end of the line-set coupler. The second pre-charged refrigerant line-set is couplable between an outdoor unit refrigerant pot of the outdoor unit and a second coupler end of the line-set coupler.

[U.S. Patent No. 11,746,988](#) entitled “Portable Electronics Interchangeable Light Cover” issued September 5, 2023 to Nicole McKee of Hannibal, Missouri. Also invented by Nicole McKee. Abstract: A colored light filtration apparatus for changing the light color emitted from the light source of cell phones is disclosed herein. The colored light filtration apparatus may include a head portion and a body portion. The head portion of the colored light filtration apparatus may change the light colors once applied over the light source. The body portion of the colored light filtration apparatus may be configured to stick to the cell phone or its case and position the head portion over the light source. The colored light filtration apparatus may be easy to apply and remove in order to create easy swapping of colors. The colored light filtration apparatus may be narrow enough in size to prevent disruption with surrounding cameras and cases of the cell phone.