

## 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 14 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. 11,129,531](#) entitled “Ophthalmic Machine for Acquiring Fluorescence Images of the Retina and Related Method of use” issued September 28, 2021 to CenterVue S.P.A. of Padua, Italy. Invented by Andrei Plaian of Noventa Padovana, Italy; Irene Mogentale of Due Carrare, Italy; Frederico Manzan of San Pietro di Feletto, Italy and Marco D’Aguanno of Padua, Italy. Abstract: An ophthalmic machine is provided for obtaining and diagnosing fluorescence images of the retina. An excitation light having first wavelengths (e.g., between 430 nm and 490 nm) is scanned onto the retina. Light emitted by the retina, when illuminated thereby, is filtered to block light of the first wavelengths and to pass light of second (higher) wavelengths. A second filter selects a component of the passed light having second (e.g., green) wavelengths, and a third filter selects a component of the passed light having third (e.g., red) wavelengths. First and second detection means receive light transmitted by the first and second filters, respectively, and provide detection signals indicative thereof. The detection signals are processed to provide one or more images of the retina, said images of the retina comprising at least a color fluorescence image of the retina.

[U.S. Patent No. 11,131,426](#) entitled “Mannequin Display and Staging Apparatus” issued September 28, 2021 to Donald Fisher of Brentwood, Tennessee. Also invented by Donald Fisher. Abstract: Briefly, the present disclosure relates, in one embodiment, to a mannequin display and staging apparatus for mounting a mannequin to a door. The mannequin display and staging apparatus may include a base panel. At least one door hook may be connected to the base panel. The at least one door hook may be configured to receive a top portion of the door. At least one mannequin hook may be connected to the base panel. The at least one mannequin hook may be configured to receive an attachment portion of the mannequin. A passageway may be defined in the base panel. A rest may include a mounting projection. The mounting projection may be received in the passageway of the base panel.

[U.S. Patent No. D931,953](#) entitled “Training Apparatus” issued September 28, 2021 to MoveStrong Functional Fitness Equipment, LLC of Charleston, South Carolina. Invented

by Jared Kuka also from Charleston, South Carolina. Claim: What is claimed is the ornamental design for a training apparatus, as shown and described.

[U.S. Patent No. D931,945](#) entitled “Mark Making Revolver” issued September 28, 2021 to Marshall Plummer of Nashville, Tennessee. Also invented by Marshall, Plummer. Claim: What is claimed is the ornamental design for a mark making revolver, as shown and described.

[U.S. Patent No. D931,946](#) entitled “Mark Making Rocker” issued September 28, 2021 to Marshall Plummer of Nashville, Tennessee. Also invented by Marshall, Plummer. Claim: What is claimed is the ornamental design for a mark making rocker, as shown and described.

[U.S. Patent No. 11,131,188](#) entitled “Pick Having a Supporting Element with a Centering Extension” issued September 28, 2021 to Betek GmbH & Co. KG; Wirtgen GmbH of Windhagen, Germany. Invented by Ulrich Kraemer of Wolfach, Germany and Heiko Friederichs of Aichhalden, Germany. Abstract: The present invention relates to an improved process for the production of benzaldehyde with 40-50% selectivity comprising by catalytic liquid phase air oxidation of toluene. The process involves providing a continuous flow of air in the presence of a catalyst such as salts of Fe, Co, Mo and Ni, and preferably a co-catalyst such as salts of manganese or copper, a promoter which may also be a bromine source, and a carboxylic acid solvent selected from the group consisting of acetic, propionic, benzoic acids ranging between 0.05 to 0.3 wt. times with respect to toluene, at a temperature ranging between 60-130.degree. C. and pressures in the range of 1-10 bars for a period of 0.5-1.5 hours to obtain benzaldehyde (40-50%) along with other by-products.