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[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. 11,587,375](#) entitled “Wireless Communication Devices” issued February 21, 2023 to Webfleet Solutions B.V. of Amsterdam, Netherlands. Invented by Gianfranco Santoro, Henrik Schiller, Alexander Schmidt, Christian Meissner, Thomas Hagenau, André Pomsel, René Liebscher all of Amsterdam, Netherlands. Abstract: A method of operating a wireless communication device installed in a vehicle to transmit data indicative of trips made by the vehicle to a remote device. An ignition state of the vehicle is determined, wherein said ignition state includes at least an ignition ‘on’ state. A time window is defined based on a time at which the vehicle is determined to be in the ignition ‘on’ state, and a type is assigned to a trip to be made by the vehicle, wherein the trip is of a first type when input data indicative of an input by a user on an input device operatively connected to the wireless communication device is received in the defined time window, and is otherwise of a second type. A message is generated, at least for trips of the first type, indicating the type assigned to the trip, and is wirelessly transmitted to the remote device.

[U.S. Patent No. 11,583,864](#) entitled “Crusher Assembly for a Jaw Crusher” issued February 21, 2023 to Kleemann GmbH of Göppingen, Germany. Invented by Otto Blessing of Bartholomä, Germany; Benjamin Kazmeier of Owen, Germany; Jochen Meier of Hülben, Germany and Christian Weller of Esslingen, Germany. Abstract: A crusher assembly for a jaw crusher having a swing jaw and a crusher jaw having teeth formed on the breaking sides thereof, the crusher jaw comprising end faces at the opposite ends thereof, wherein a clamping piece having a clamping surface acts on the one end face (35) and the other end face (35) is supported on a clamping piece, wherein the clamping piece and the clamping element are interchangeably connected to the swing jaw, wherein the swing jaw comprises a head part having a pivot bearing on the end region thereof facing away from the clamping piece, and wherein the crusher jaw at least partially covers the region of the swing jaw in front of the pivot bearing.

[U.S. Patent No. 11,585,050](#) entitled “Paver Having Elevation Profile Monitoring Equipment and Methods for Operation Thereof” issued February 21, 2023 to Wirtgen



GmbH of Windhagen, Germany. Invented by Jens Brieskorn of Bonn, Germany; Lothar Schwalbach of Asbach, Germany; Stefan Wagner of Bad Honnef, Germany; Bernd Walterscheid of Sankt Augustin OT Buisdorf, Germany; Gunnar Ramseger of Borod, Germany and Martin Dahm of Gieleroth, Germany. Abstract: A paver, in particular a slipform paver, has a machine frame supported by front and rear undercarriages and a paving device for the paving of material. The paver is provided with an apron monitoring device for generating elevation profile data or elevation profile signals describing the elevation profile of the material deposited in the apron of the paving device in a direction transverse to the working direction. A data or signal processing device receives the elevation profile data or signals. The apron monitoring device provides the data needed to allow the material to be spread more evenly across the working width of the paver during the feeding operation by means of a spreading device for spreading the material to be paved in a direction transverse to the working direction and/or to allow the spreading device to be controlled for improved spreading of the material after the paver has been fed.

[U.S. Patent No. D979,086](#) entitled "Percussive Massage Device" issued February 21, 2023 to Hyper Ice, Inc. of Irvine, California. Invented by Robert Marton of Yorba Linda, California; Anthony Katz of Laguna Niguel, California; Pascal Olivier Ruelle of Antibes, France and Eli A. Guerron of Redwood City, California. Claims: The ornamental design for a percussive massage device, as shown and described.