

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. 11,369,972](#) entitled “Processing System” issued June 28, 2022 to Kleemann GmbH of Goppingen, Germany. Invented by Wolfgang Schmid of Rechberghausen, Germany; Christian Weller of Esslingen, Germany and Otto Blessing of Bartholoma, Germany. **Abstract:** The invention relates to a processing system, more particularly a stone crusher, with a filling unit (20), which can be filled with material to be crushed, wherein behind the filling unit (20) in the conveying direction or in the filling unit (20), a screening unit (30) is arranged, wherein the screening unit (30) can be vibrated by means of a vibration generator (38), wherein above the screening unit (30) a part of the supplied material is fed to a connected process unit, more particularly a crushing unit (40), and another part is separated out in the screening unit (30), and wherein the separated-out part of the material is fed by means of an adjustable flap of a conveying unit (70) in a bypass position optionally bypassing the connected process unit, more particularly the crushing unit (40), to a conveying device, more particularly a crusher discharge conveyor (60), or in a conveying position is conveyed out of the machine working area by means of a conveying device (50). To reliably and simply prevent the adjustable flap from becoming blocked by screen material, the invention proposes that the flap is attached to the screening unit (30) in such a way that the vibration generator (38) excites it together with the screening unit (30).

[U.S. Patent No. 11,372,494](#) entitled “Microstructured Phase Interfacial Device” issued June 28, 2022 to BVW Holding AG of Cham, China. Invented by Lukas Bluecher of Eurasberg, Germany and Michael Milbocker of Holliston, Massachusetts. **Abstract:** The present disclosure relates to gripping surfaces and devices comprising the same, wherein the gripping surface comprises a shape tunable surface microstructure, wherein the height, width and spatial periodicity of the microstructures corresponds to an integer multiple of Schallamach wave amplitudes and wavelengths of a target surface, wherein the device microstructures and induced Schallamach waves are entrained by applying strain to the device.

[U.S. Patent No. D965,251](#) entitled “Percussive Massage Device” issued June 28, 2022. Invented by Hyper Ice, Inc. of Irvine, California. Invented by Robert Marton of Yorba Linda, California and Anthony Katz of Laguna Niguel, California. Claim: The ornamental design for a “percussive massage device,” as shown and described.

[U.S. Patent No. D956,257](#) entitled “Percussive Massage Device” issued June 28, 2022. Invented by Hyper Ice, Inc. of Irvine, California. Invented by Robert Marton of Yorba Linda, California and Anthony Katz of Laguna Niguel, California. **Claim:** The ornamental design for a “percussive massage device,” as shown and described.

[U.S. Patent No. D956,258](#) entitled “Percussive Massage Device” issued June 28, 2022. Invented by Hyper Ice, Inc. of Irvine, California. Invented by Robert Marton of Yorba Linda, California and Anthony Katz of Laguna Niguel, California. **Claim:** The ornamental design for a “percussive massage device,” as shown and described.

[U.S. Patent No. D956,252](#) entitled “Percussive Massage Device” issued June 28, 2022. Invented by Hyper Ice, Inc. of Irvine, California. Invented by Robert Marton of Yorba Linda, California and Anthony Katz of Laguna Niguel, California. **Claim:** The ornamental design for a “percussive massage device,” as shown and described.

[U.S. Patent No. D956,253](#) entitled “Percussive Massage Device” issued June 28, 2022. Invented by Hyper Ice, Inc. of Irvine, California. Invented by Robert Marton of Yorba Linda, California and Anthony Katz of Laguna Niguel, California. **Claim:** The ornamental design for a “percussive massage device,” as shown and described.

[U.S. Patent No. D956,254](#) entitled “Percussive Massage Device” issued June 28, 2022. Invented by Hyper Ice, Inc. of Irvine, California. Invented by Robert Marton of Yorba Linda, California and Anthony Katz of Laguna Niguel, California. **Claim:** The ornamental design for a “percussive massage device,” as shown and described.

[U.S. Patent No. D956,255](#) entitled “Percussive Massage Device” issued June 28, 2022. Invented by Hyper Ice, Inc. of Irvine, California. Invented by Robert Marton of Yorba Linda, California and Anthony Katz of Laguna Niguel, California. **Claim:** The ornamental design for a “percussive massage device,” as shown and described.

[U.S. Patent No. D956,256](#) entitled “Percussive Massage Device” issued June 28, 2022. Invented by Hyper Ice, Inc. of Irvine, California. Invented by Robert Marton of Yorba Linda, California and Anthony Katz of Laguna Niguel, California. **Claim:** The ornamental design for a “percussive massage device,” as shown and described.