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U.S. Patent No. 11,993,047 entitled “Tire Cold Retreading Method” issued May 28, 2024 to Bridgestone Europe NV/SA of Zaventem, Belgium. Invented by Luca Lelio of Roma, Italy; Jeroen Lust of Zaventem, Belgium and Bram Vincent also of Zaventem, Belgium. Abstract: A method for the cold retreading of a tire comprising the following steps: a removal step, wherein the tread is removed from the tire, exposing an equatorial surface of a casing of the tire; a deposition step, during which a cushion and a pre-cured tread strip provided with a tread pattern are deposited around the equatorial surface of the casing; and a curing step, wherein the cushion arranged between the casing and the pre-cured tread strip is cured. The cushion is manufactured with a compound comprising at least one conductive material in a quantity ranging from 5% to 20% by weight, having a specific surface area which is greater than or equal to 300 m²/g, and chosen among graphite and graphene. The curing step comprises a connection step, wherein said cushion is connected to a heat/power source.

U.S. Patent No. 11,993,046 entitled “Tire Cold Retreading Method” issued May 28, 2024 to Bridgestone Europe NV/SA of Zaventem, Belgium. Invented by Luca Lelio of Roma, Italy; Jeroen Lust of Zaventem, Belgium and Bram Vincent also of Zaventem, Belgium. Abstract: A method for the cold retreading of a tire comprising the following steps: a removal step, during which the tread is removed from the tire in order to expose an equatorial surface of a casing of the tire; a deposition step, during which a cushion and a pre-cured tread strip provided with a tread pattern are deposited around the equatorial surface of the casing; and a curing step, wherein the cushion arranged between the casing and the pre-cured tread strip is cured. The cushion is manufactured with a compound comprising 1 to 30 phr of at least one conductive material having a specific surface area which is greater than or equal to 300 m²/g and is chosen among graphite and graphene. The curing step comprises a connection step, wherein said cushion is connected to a heat/power source.

U.S. Patent No. 11,997,108 entitled “Systems and Methods for Providing Consensus Sourced Verification” issued May 28, 2024 to Professional Credentials Exchange, LLC of Tampa, Florida. Invented by Anthony Begando also of Tampa, Florida and Matthew M. Sylvestre of Norfolk, Massachusetts. Abstract: A host system and method are disclosed for conducting verified credential transactions and in certain embodiments generating

Consensus Scores for facilitating the same. Via a first user interface, credentials are received from seller devices, wherein the credentials are stored with component data being mapped into various searchable data fields. Via a second user interface, queries are received from buyer devices wherein each query comprises specified values for one or more of the searchable data fields. The system determines which stored credentials match the specified values from the query, resolves each matching credential against a template identifying required data fields, cryptographically hashes the respective component data for each matching credential and more particularly for the required data fields thereof, determines any matching credentials having equivalent hash structures, and generates, substantially in real time with respect to the query, a message to the buyer comprising the matching credentials having equivalent hash structures.

U.S. Patent No. 11,993,898 entitled "Self-propelled Construction Machine or Mining Machine" issued May 28, 2024 of Wirtgen GmbH of Windhagen, Germany. Invented by Holger Thieme of Vettelschoss, Germany and Winfried von Schönebeck of Kalenborn, Germany. Abstract: In a self-propelled construction machine or mining machine, in particular milling machine for working a ground surface, including a machine frame, a working device for working the ground surface, which is supported on the machine frame, wherein the working device is at least partially enclosed by a housing, at least one movable side plate, which closes the housing on at least one of the two sides of the working device, wherein the movable side plate rests on the ground surface in floating position during the working operation, it is provided that a clearing scraper is arranged in front of the at least one movable side plate as seen in the direction of travel, wherein the clearing scraper comprises at least one clearing edge for penetrating ground material lying on the ground surface in front of the movable side plate, and clears the ground material for the movable side plate so that the movable side plate may rest on the ground surface.