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The recipient - International Preliminary Examining Authority
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"Federal Institute of industrial property" of the Federal
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On the basis of: Form PCT/IPEA/408 (January 2015) sent 09 June
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**The answer
on the written message of International Preliminary
Examining Authorities (Rule 66)**

Hereby, I, Khoroshev Alexey Fedorovich, in accordance with the relevant provisions of the Patent Cooperation Treaty (PCT) to the International application with number: PCT/RU2014/000292,

on the Written message of the International Preliminary Examining Authorities (Rule 66) (Form PCT/IPEA/408 (January 2015) sent 09 June 2015 (09.06.2015)) (hereafter - "Message from 09.06.2015 IPEA"), EXPLAIN:

As it follows from the actual circumstances of the case, in the Message of IPEA from 09.06.2015 "Section V Reasoned statement under Rule 66.2(a)(ii) regarding novelty, inventive level and industrial applicability; references and explanations supporting such statement" as to the merits of the explanation states that "From D1 [DE 3527192 A1] (column 2, line 56 — column 5 line 61) a device is known, being a vehicle and allowing to implement an operating technique of a vehicle, which the outer contour of the projection of the vehicle on a horizontal bearing area has circle shape, with the possibility of rotational motion of the vehicle in the plane of the bearing area the circle with the possibility to move the vehicle during the mechanical contact forming a circular outer perimeter of the vehicle with other objects "

However, as DE 3527192 A1, "having circle shape" "outer contour of the projection of the vehicle on a horizontal plane of the bearing area" forms a rotating freely around the central part of the vehicle its another significant part - the guard ring 3 in the form of a tire (specifically column 2 line 60), in the result "rotational movement of the vehicle", i.e. the central part with its surrounding protective ring 3, "in the plane of the bearing area inside the circle", which has the form of "the external contour of the projection of this vehicle on a horizontal plane of the bearing area", is generally impossible in any " mechanical contact forming a circular outer perimeter of the vehicle with other objects", i.e., in the state of the touch contact " the outer contour projection of which forms a circle shape" with the surface of another or several other bodies, even short-term and emergency - type of kick, etc., when one central part - and the other part of the vehicle - around protective ring 3 - can shift in relative - one part relative to another - movement when around the guard ring 3 can be rotated around the Central part, but all in all, - entirely as a single body - is known from DE A1 3527192, the vehicle " "in mechanical contact forming a circular outer perimeter of the vehicle with other objects" cannot be rotated - to make the "rotational motion" -

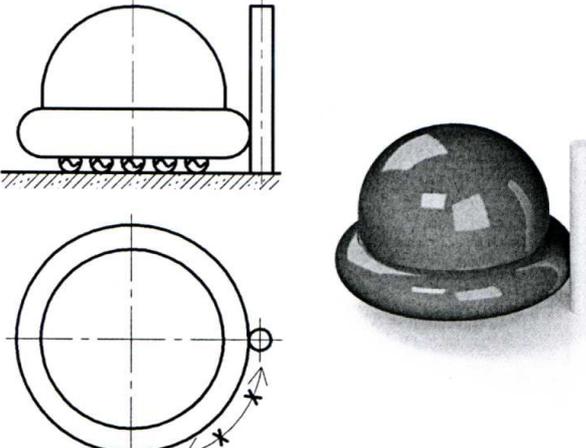
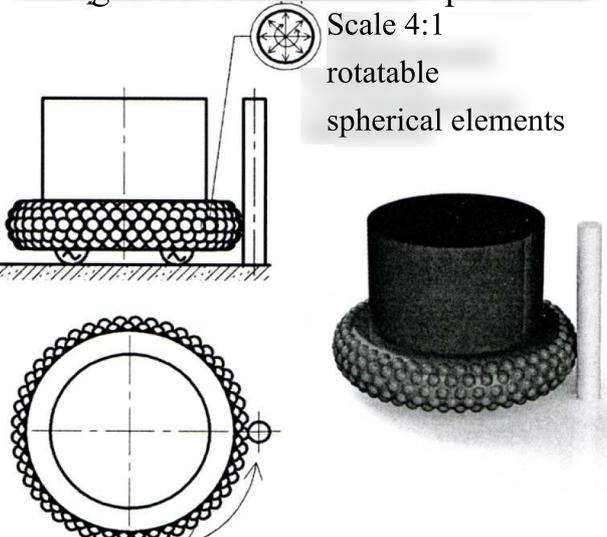
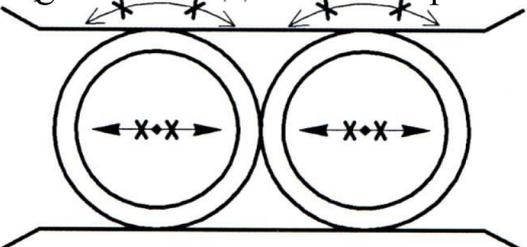
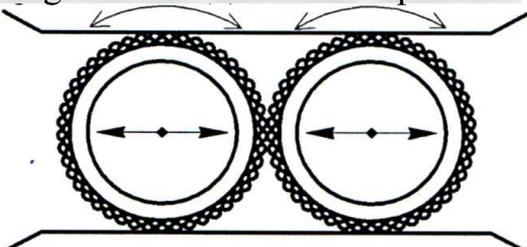
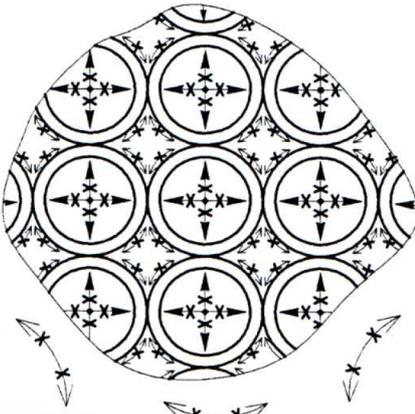
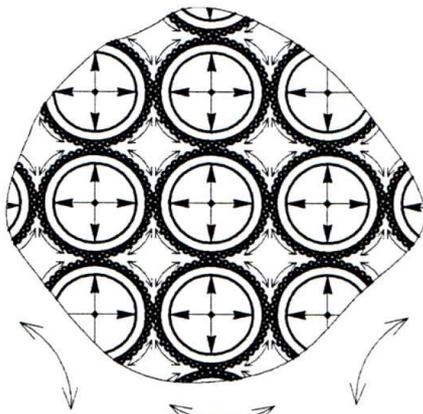
inside the circle formed by the "outer contours of the projection of the vehicle on a horizontal plane of bearing area" because this requires that at mechanical contact, place of which lies "at the periphery of the vehicle, and the outer contour projection of which forms a circle shape" and mating surface of at least one other body, the corresponding section "having the shape of a circle" "outer contour of the projection of the vehicle on a horizontal plane of the bearing area", WOULD be the possibility of displacement of the contact surfaces "on the periphery of the vehicle, the external contour of the projection which forms the shape of a circle" at the place of contact, which cannot BE KNOWN from DE 3527192 A1, in which the protective ring 3, the periphery of which forms the "periphery of the vehicle, and the outer contour projection of which forms a the shape of a circle", is characterized in the form of a tire (specifically column 2 line 60), assuming, therefore, full commitment, in particular, on the contrary, to avoid, for example, spin - the possibility of displacement of the contact surfaces in contact, of which, of course, what certainly can't be any knowledge of any of the above opportunities provided for displacement of the corresponding surface in mechanical contact at the site of contact, and, of course, especially for a vehicle is known from DE A1 3527192 A1, it is absolutely impossible

"rotational motion of the vehicle in the plane of the bearing area inside the circle in driving with the possibility of movement in contact on the periphery of the vehicle, the external contour of the projection which forms the shape of a circle"; a fundamental and substantial in contrast to the characterizing part stated in the protection it is claimed to be an International application with number: PCT/RU2014/000292, the invention "Universal vehicle device," execution characteristics of circular shape the periphery of the vehicle ("outer contour of the projection of the vehicle on a horizontal plane of the bearing area is circular") with reference to the possibility of realizing a specific function, characterized by a common concept: "with the possibility of rotational motion of the vehicle in the plane of the bearing area inside the circle by driving", the real nature of which is clear and fully supported by the disclosure contained in this formula of the symptom in the description of the characteristic a continuation of the expression that "constructively providing for the absorption of energy of external mechanical effects and the possibility of rotation of the vehicle around its imaginary vertical axis even in the presence of mechanical contact forming a circular outer perimeter with other items, including as a result of the use of entirely or partially forming the outside perimeter of the elements" (lines 11-17 sheet 7 descriptions),), i.e. the trait is characterized with not a round shape with the possibility of rotation, as in devices, in particular, are known from patents: DE 3527192 A1 (D1 in the Message from IPEA on 09.06.2015 and in a Reasoned statement in accordance with Rule 43 bis.1(a)(i) regarding novelty, inventive step and industrial applicability; references and explanations supporting such statement (Form PCT/ISA/237 (Count V) (July 2011) (hereinafter - "Message of ISA")), DE 3538275 A1 (D2 - in the Message of ISA), JP H07309268 A (D3 - in the Message of IPEA from 09.06.2015, and also - in the Message of ISA), JP H01132479 A (D4 - in the Message of IPEA from 09.06.2015, and also - in the Message of ISA), SU 11708685 A 1 (D5 - in the Message of IPEA from 09.06.2015), in the known from technical level manage, a prerequisite of which is the avoidance of contact of the vehicle with other items, what the basis of characteristic features proposed in the claimed invention the technical solution is not known and certainly not next to a specialist from the technical level driving,

which is a completely different technical concept: : the ability to move in the presence of contact with anything, including by driving (lines 4-15 (especially: rows 4-7) sheet 7 descriptions), for what necessary and sufficient is not just corresponding to the circular shape of vehicle, but not obvious inherent in this form, necessarily disclosed in the description clearly not known and not next to a specialist from the technical level technical feature of this corresponding periphery of this round the vehicle, the surface of which must also conform to disclosed in the description function: "with the possibility to move the vehicle during the mechanical contact forming a circular outer perimeter of the vehicle with other objects ", that also clearly is not obvious, is not known and not next to a specialist from the technical level, is fundamentally different from the technical level and things generally known earlier, and also explicitly known from DE A1 3527192 - in particular, that also illustrates the following **Comparison table**:

Technical Feature	DE A1 3527192	Current Invention
Ability to move in the presence of contact with anything, including by driving	Not disclosed	Disclosed
Technical feature of this corresponding periphery of this round the vehicle, the surface of which must also conform to disclosed in the description function	Not disclosed	Disclosed
Ability to move the vehicle during the mechanical contact forming a circular outer perimeter of the vehicle with other objects	Not disclosed	Disclosed
Technical feature fundamentally different from the technical level and things generally known earlier	Not disclosed	Disclosed
Technical feature explicitly known from DE A1 3527192	Disclosed	Disclosed

Comparison table

Patent DE 3527 192 A1	International application having number PTC/RU2014/000292
<p>Image № 1: Movement* is impossible</p> 	<p>Image № 2: Movement* is possible</p> <p style="text-align: right;">Scale 4:1 rotatable spherical elements</p> 
<p>Image № 3: Movement* is impossible</p> 	<p>Image № 4: Movement* is possible</p> 
<p>Image № 5: Movement* is impossible</p> 	<p>Image № 6: Movement* is possible</p> 
<p>* "rotational motion of the vehicle in the plane of the bearing area inside the circle (the contour of the external projection of the vehicle on a horizontal plane support surface) when operating with the possibility of movement of the vehicle during the mechanical contact forming a circular outer perimeter of the vehicle with other objects"</p>	

Thus, the essence of the above functions, together with other elements distinctive characteristics of the essential feature of the claimed invention, thus, can be considered as not violating unity of invention associated with the claimed invention so that they form a single general inventive idea, following from the prior art and the previously known method of operation of the vehicle, which is also the invention, the contribution of which in the prior art, corresponds to the contribution made by the claimed device, the characteristics of which are specified in independent point of the formula 1, as follows from the description specially designed for the implementation of this method of operation, the signs of which are indicated in paragraph 28 of the independent formula. While disclosed in the description of particular cases of the claimed invention provide grounds to specify an additional corresponding signs in the respective dependent from 2 to 27 claims.

Thus, from the given above, respectively, other things, clearly implies that the International application with number: PCT/RU2014/000469, the invention "Universal vehicle device", is new, relevant inventive step (non-obvious) and is industrially applicable.



Signature of applicant:

The applicant in the International application № PCT/RU2014/000469

Khoroshev Alexey Fedorovich

29 July 2015 (29.07.2015)