

TIRE**BACKGROUND OF THE INVENTION****Field of the Invention**

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The present invention relates to a tire, and more particularly to a shock lessening and puncture preventing tire, which is used wherein an automobile, a bicycle and/or various kinds of vehicles for transporting.

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Description of the Prior Art

In the prior art, tire has been manufactured in a tubeless type, so there have been drawbacks of deforming the exterior of rim flange portion of a tire on the non-pavement road for its uneven
15 surface, with causing apprehension of leaking the air inside tire or deteriorating shock lessening function.

SUMMARY OF THE INVENTION

20 The present invention relates to an improved tire; it prevents leaking the air inside tire wherein and the puncture, in case of treading on something sharp into tread part with increasing the shock lessening ability and removing the shock toward rim flange portion at tread part of a tire, by installing in
25 succession perforations transversely in lateral side at tread portion of a tire.

BRIEF DESCRIPTION OF THE DRAWINGS

FIG. 1 is a longitudinal sectional view of a tire in accordance with an embodiment of the present invention.

FIG. 2 is a perspective view of the present invention.

5 FIG. 3 is a cross sectional view of throughout hole with strengthening tube installed into.

FIG. 4 is a cross sectional view of throughout hole with elastic body installed into.

10 DETAILED DESCRIPTION OF THE PREFERRED EMBODIMENTS

The most desirable objects, features and advantages of the present invention will be more clearly understood from the following detailed description enclosed drawings. First, as far
15 as the identical elements, the same figure number is to be given to them, though they are appeared on another drawings.

As shown in FIGS. 1-4, the present invention is structure that throughout holes(1) are transversely put in lateral side, in
20 a regular interval at the tread part of a tire.

Installed strengthening tube(2) on the surface of throughout hole(1), it is clear to prevent deformation of the outer appearance of a tire. In another way, fitting up elastic body(3) made of highly elastic material, so there would be no dirt into
25 the throughout hole(1).

Accordingly, when the tire in rotation under wheeling the
throughout hole(1) constructed wherein, supporting body(4)
between the throughout holes built, the deformation of tire
would be prevented, increasing the shock lessening ability,
5 thus it is possible to secure the air inside tire from leaking
out through rim flange part, which is pointed as a weak point
of existing tubeless tire, and/or prevent puncture against keen
material for creating space between throughout holes(1).

10 In addition, the strengthening tube(2) installed on the
throughout holes(1) keep the entire tire in shape supporting
without deforming the shape of a tire even under weighty
vehicles and elastic body(3) filled inside prevents the dirt
from fitting into the through holes(1).

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As described above, the present invention has regular interval
throughout holes(1) in the tread part of a tire, so there is
no apprehension of puncture with highly shock lessening effect.
So no air inside tire leaks out due the shock is not forwarded
20 toward the rim flange portion.



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WHAT IS CLAIMED IS ;

1. A tire of an automobile, a bicycle and/or various kinds of vehicles for transporting, which has throughout holes(1) transversely penetrated in lateral side, in regular interval
5 at the tread part of a tire.
2. As recited in claim 1, wherein said tire which has strengthening tube(2) on the throughout holes(1) of a tire.
- 10 3. As recited in claim 1, wherein said tire which has elastic body(3) made of high quality elastic material installed inside the throughout holes(1).