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# (12) United States Design Patent

Mori

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(54) **SPIKE PIN FOR AUTOMOBILE TIRE**

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(**) Term: **15 Years**

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(30) **Foreign Application Priority Data**

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(51) **LOC (11) Cl.** ..... **12-15**

(52) **U.S. Cl.**
USPC ..... **D12/608**; D12/604

(58) **Field of Classification Search**
USPC ..... D12/604–608, 501, 544, 579
CPC ... B60C 27/08; B60C 27/086; B60C 27/0223; B60C 11/1675; B60C 11/14
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS


| | | | | | |
|---|---|---|---|---|---|
| D584,979 | S | * | 1/2009 | Pirhonen | D12/608 |
| D608,233 | S | * | 1/2010 | Pirhonen | D12/608 |
| D609,127 | S | * | 2/2010 | Pirhonen | D12/608 |
| D706,709 | S | * | 6/2014 | Matsumoto | D12/608 |
| D708,567 | S | * | 7/2014 | Matsumoto | D12/608 |
| D774,449 | S | * | 12/2016 | Matsumoto | D12/608 |
| D775,585 | S | * | 1/2017 | Matsumoto | D12/608 |
| D775,586 | S | * | 1/2017 | Matsumoto | D12/608 |
| D776,047 | S | * | 1/2017 | Matsumoto | D12/608 |
| D776,048 | S | * | 1/2017 | Matsumoto | D12/608 |
| D776,049 | S | * | 1/2017 | Matsumoto | D12/608 |
| D777,097 | S | * | 1/2017 | Matsumoto | D12/608 |
| D790,448 | S | * | 6/2017 | Yoon | D12/605 |
| D790,449 | S | * | 6/2017 | Yoon | D12/605 |
| D792,841 | S | * | 7/2017 | Yoon | D12/605 |
| D800,053 | S | * | 10/2017 | Yoon | D12/604 |
| 2013/0000807 | A1 | * | 1/2013 | Pons | B60C 11/1643 152/210 |

* cited by examiner


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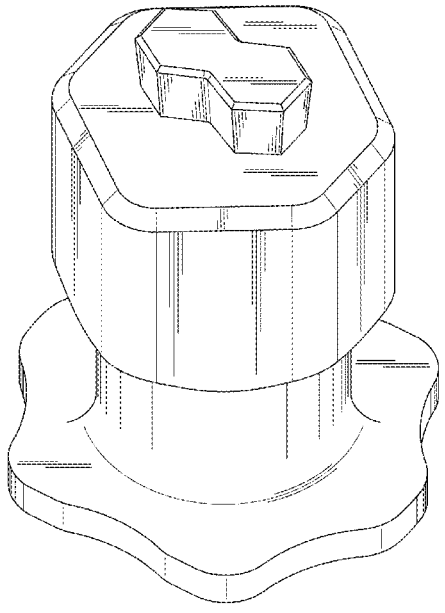
(57) **CLAIM**

The ornamental design for a spike pin for automobile tire, as shown and described.

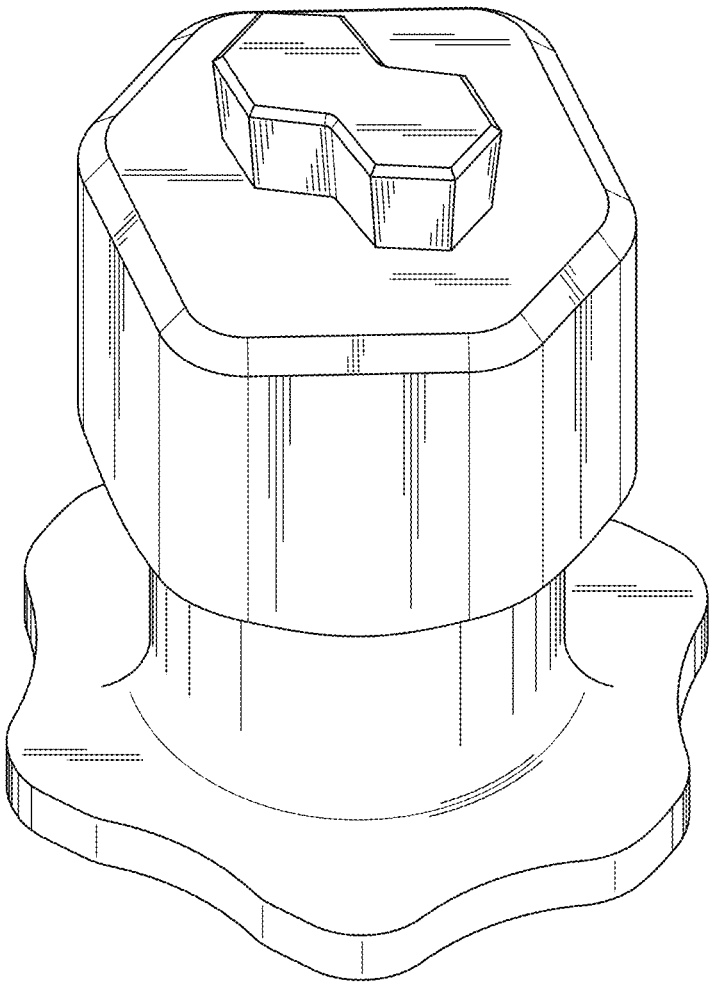
**DESCRIPTION**

FIG. **1** is a perspective view of a spike pin for an automobile tire showing my new design;
FIG. **2** is a front view thereof;
FIG. **3** is a right side view thereof;
FIG. **4** is a top view thereof;
FIG. **5** is a bottom view thereof;
FIG. **6** is a cross sectional view taken along lines **6-6** shown in FIG. **2**; and,
FIG. **7** is a cross sectional view taken along lines **7-7** shown in FIG. **3**.
A rear view appears to be identical to the front view and is omitted. A left side view appears to be identical to the right side view and is omitted. The thin lines shown in the views are for clarifying the shape of the three-dimensional surface.

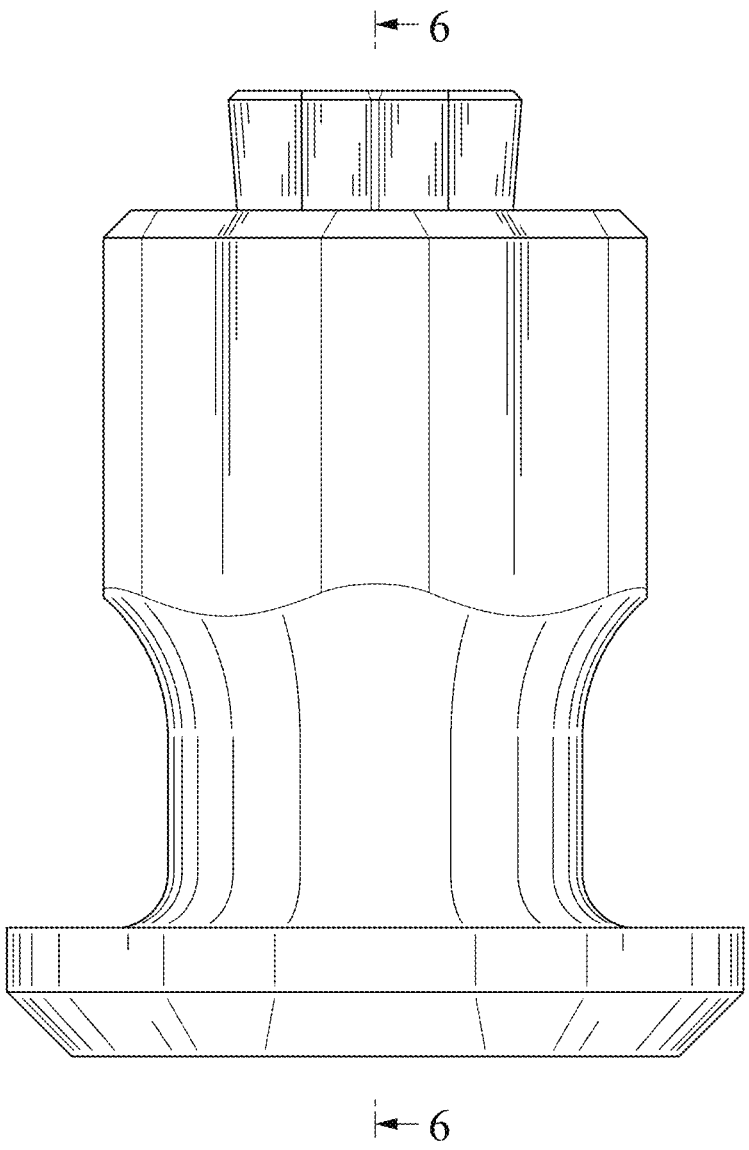
**1 Claim, 7 Drawing Sheets**



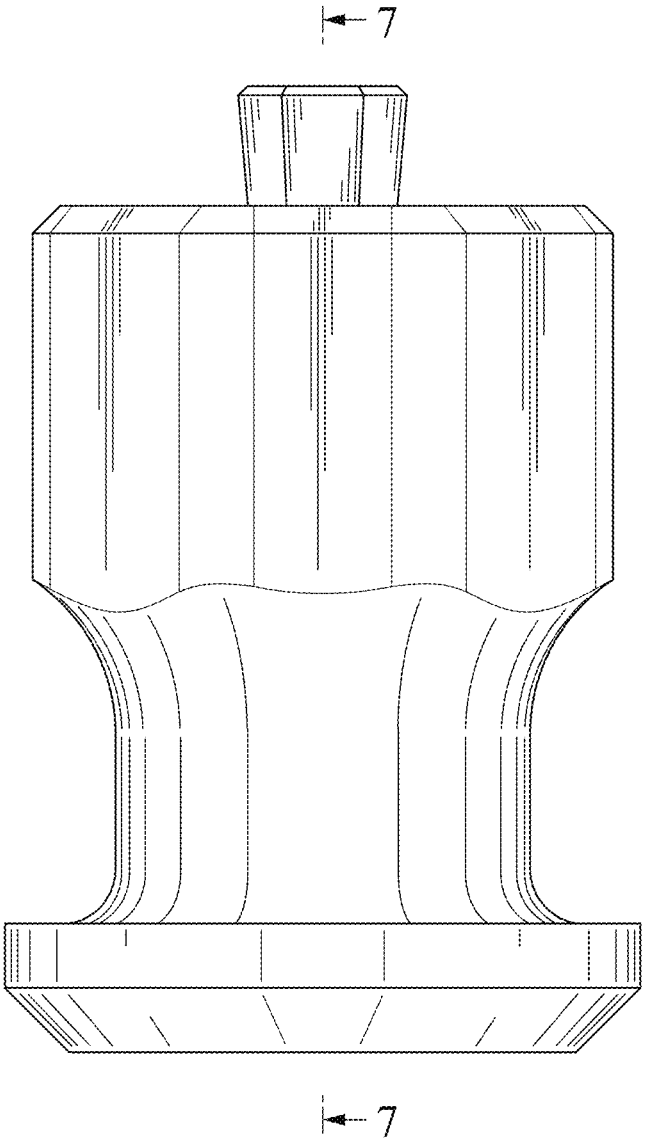
# FIG. 1



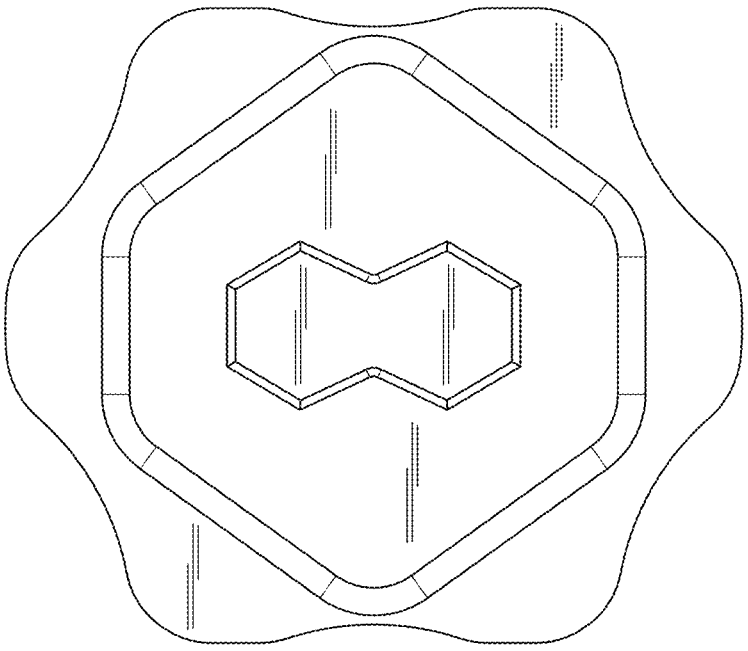
# FIG. 2



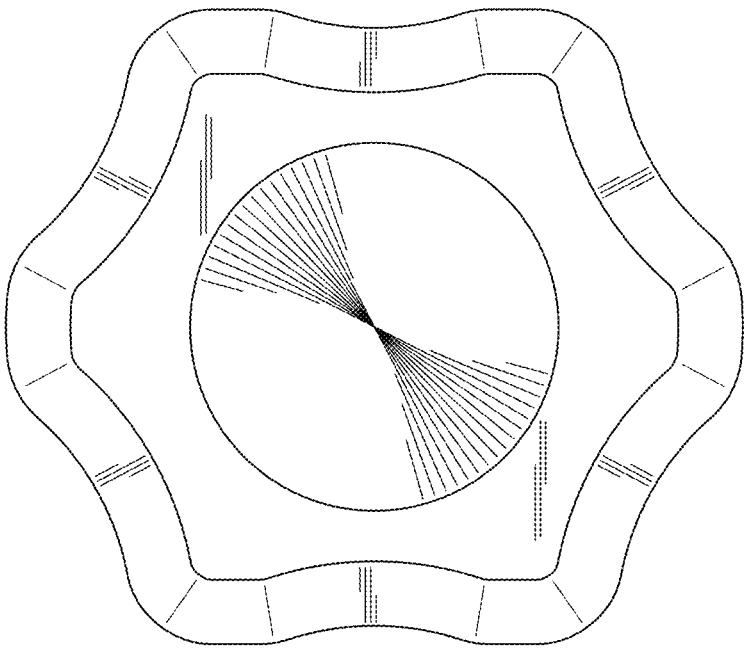
# FIG. 3



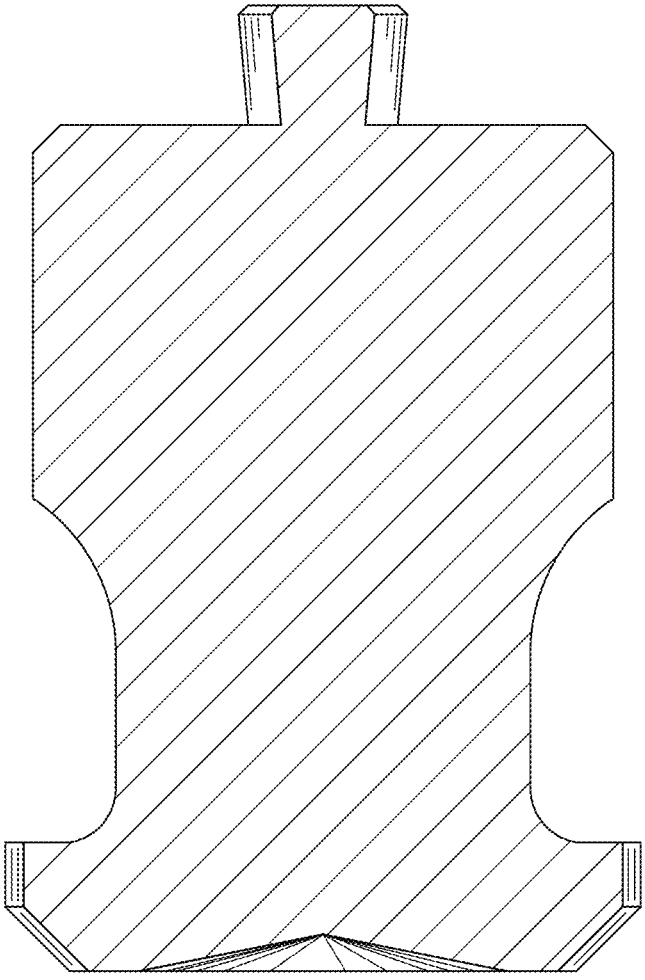
# FIG. 4



# FIG. 5



# FIG. 6



# FIG. 7