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Reiter et al.

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(54) **CHAINRING**
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(*) Notice: Subject to any disclaimer, the term of this
patent is extended or adjusted under 35
U.S.C. 154(b) by 373 days.

This patent is subject to a terminal dis-
claimer.

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(65) **Prior Publication Data**

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(51) **Int. Cl.**
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F16H 7/06 (2006.01)
B62M 9/10 (2006.01)

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(52) **U.S. Cl.**
CPC **F16H 55/303** (2013.01); **B62M 9/105**
(2013.01); **F16H 55/30** (2013.01); **Y10T**
74/2165 (2015.01)

(57) **ABSTRACT**

(58) **Field of Classification Search**
CPC F16H 55/30; F16H 7/06; F16H 57/0006;
F16H 55/303; B62M 9/105
USPC 474/156, 152
See application file for complete search history.

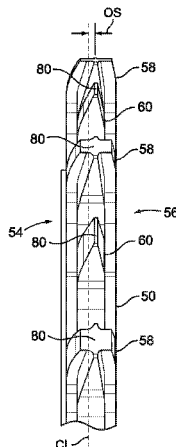
A solitary chainring of a bicycle front crankset for engaging a drive chain, including a plurality of teeth formed about a periphery of the chainring, the plurality of teeth consisting of an even number. The plurality of teeth includes a first group of teeth and a second group of teeth arranged alternately between the first group of teeth. The first group of teeth and the second group of teeth are equal in number. Each of the first and second group of teeth include an outboard side and an inboard side opposite the outboard side and each tooth of the first group of teeth includes at least a first protrusion on the outboard side thereof and each tooth of the second group of teeth are free of the first protrusions on the outboard side and the inboard side.

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26 Claims, 9 Drawing Sheets



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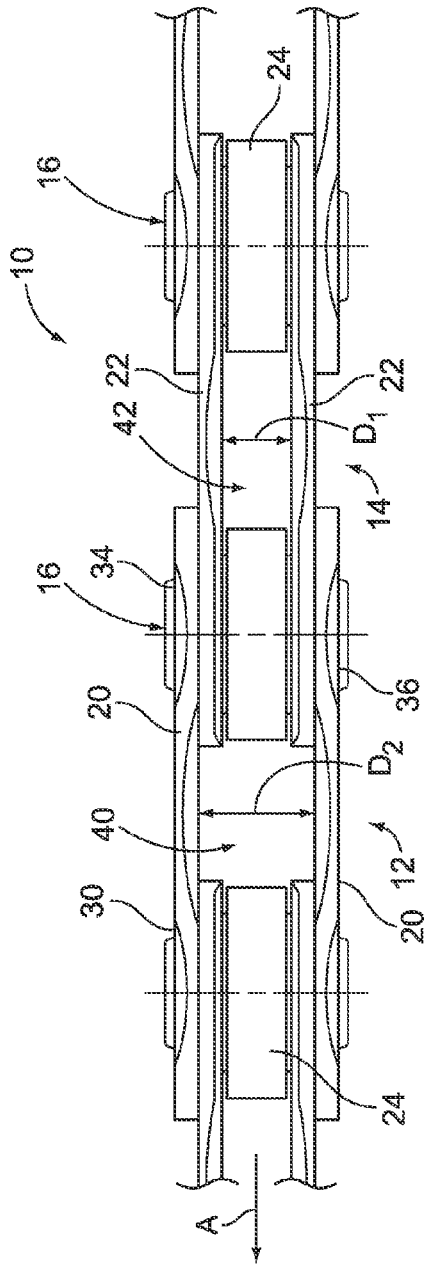


FIG. 1

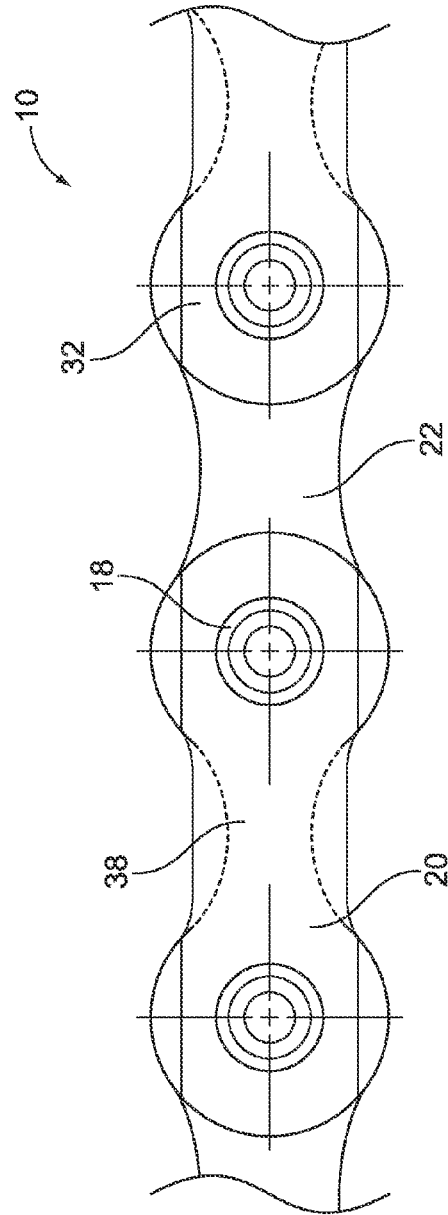


FIG. 2

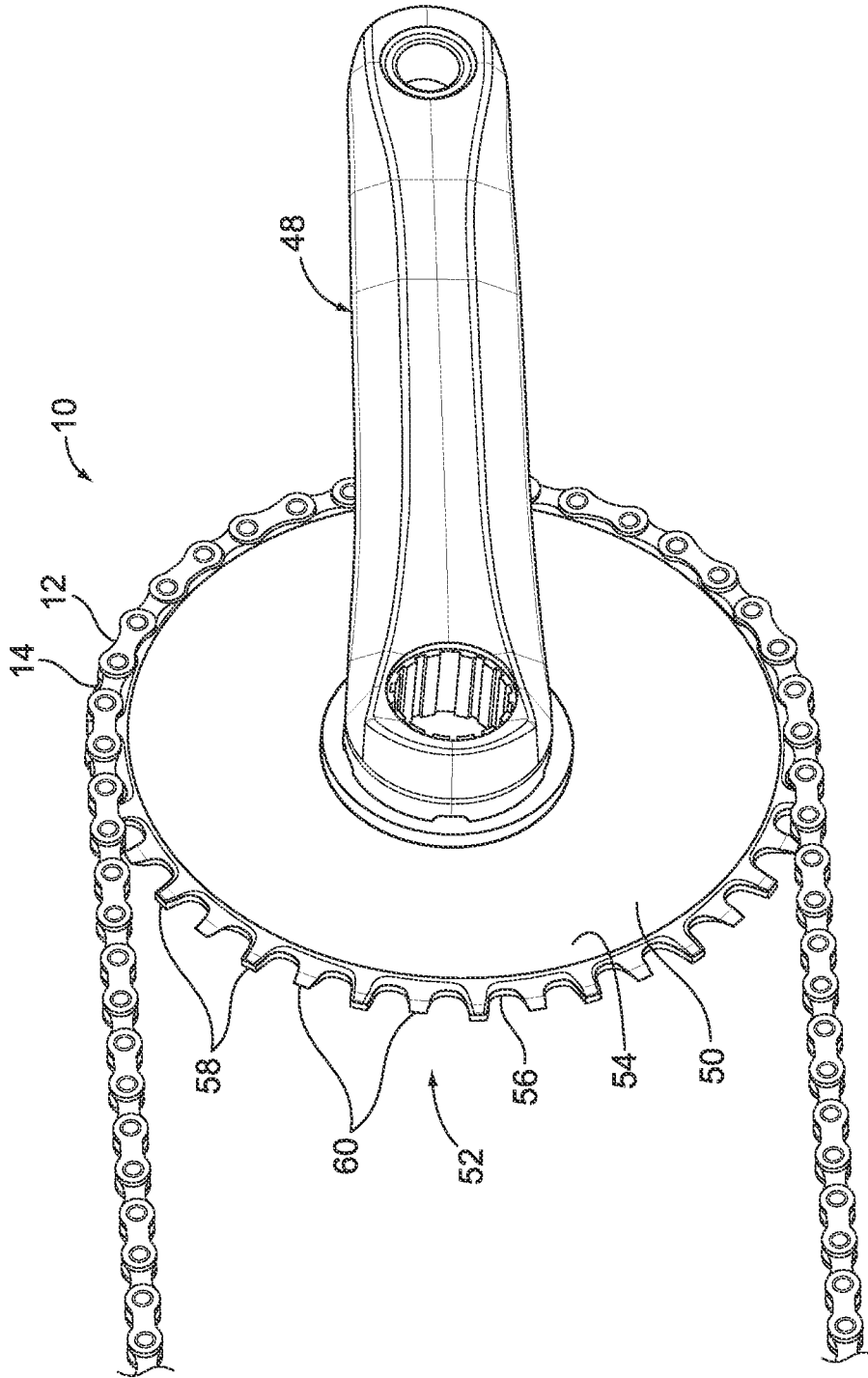


FIG. 3

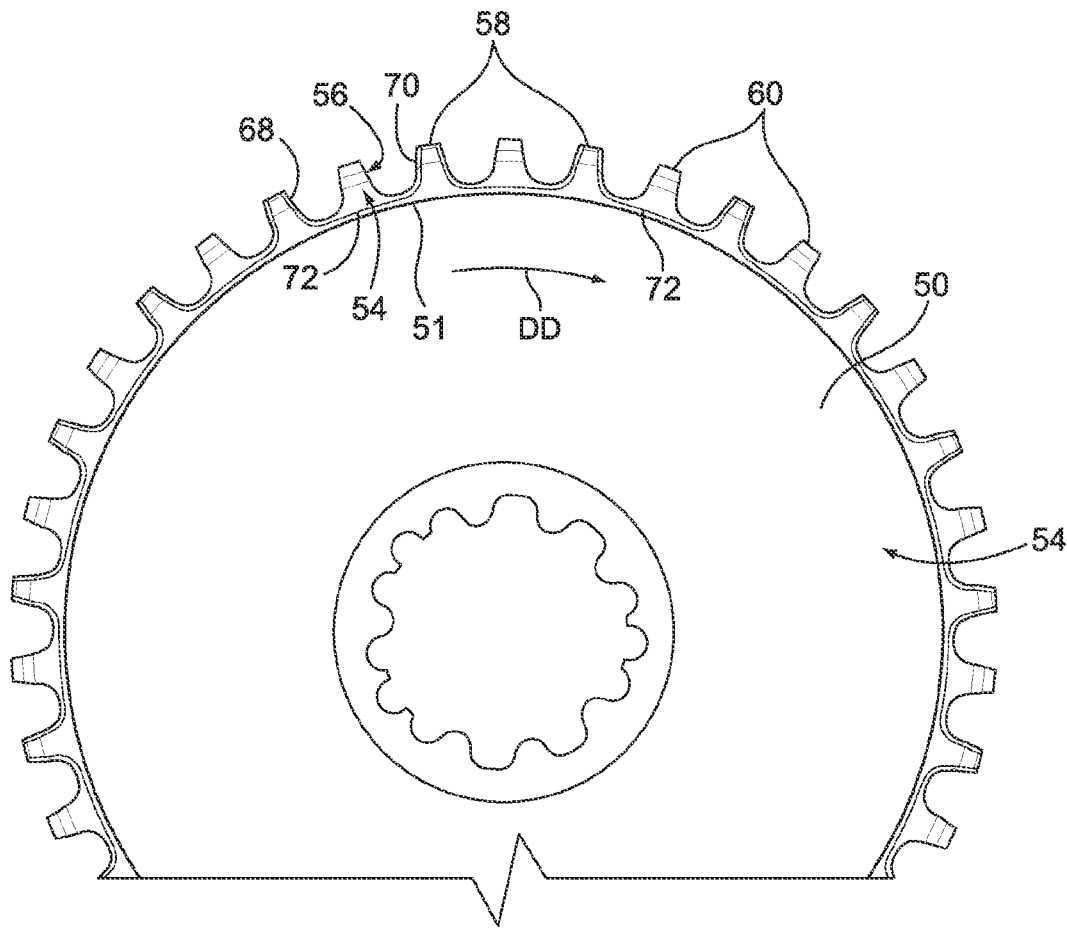


FIG. 4

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