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(12) **United States Design Patent** (10) **Patent No.:** **US D980,200 S**  
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(54) **ANTENNA FOR WIRELESS TAG**  
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D803,199 S \* 11/2017 Manivannan ..... D14/230  
D814,447 S \* 4/2018 Forster ..... D14/230  
D816,642 S \* 5/2018 Pars Benli ..... D14/230  
D819,608 S \* 6/2018 Manivannan ..... D14/230  
D823,838 S \* 7/2018 Gosalia ..... D14/230  
D860,175 S \* 9/2019 Man ..... D14/230  
D874,447 S \* 2/2020 Howard ..... D14/230  
D911,318 S \* 2/2021 Atojoko ..... D14/230  
D929,975 S \* 9/2021 Abdul Rahman ..... D14/230  
11,296,412 B1 \* 4/2022 He ..... H01Q 9/285

(Continued)

**FOREIGN PATENT DOCUMENTS**

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

CN 307244276 \* 4/2022  
CN 307532176 \* 9/2022

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(Continued)

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**OTHER PUBLICATIONS**

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Int. Reg. Pub. Date: **Dec. 10, 2021**

Yarongtech, "AZ 9662 860~960MHZ Alien . . ." available at Amazon.com, date first available Aug. 30, 2016, site visited Oct. 18, 2022, available at URL: <https://a.co/d/1wt86Wz> (Year: 2016).\*

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(30) **Foreign Application Priority Data**

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(51) **LOC (14) Cl.** ..... **14-03**

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(52) **U.S. Cl.**  
USPC ..... **D14/230**

(57) **CLAIM**

(58) **Field of Classification Search**

USPC ..... D14/230, 231-240, 435, 436-439;  
D20/11, 22, 23; D10/104.2, 206.9,  
D10/106.91  
CPC ..... A47C 3/004; H05K 9/00  
See application file for complete search history.

The ornamental design for antenna for wireless tag, as shown and described.

**DESCRIPTION**

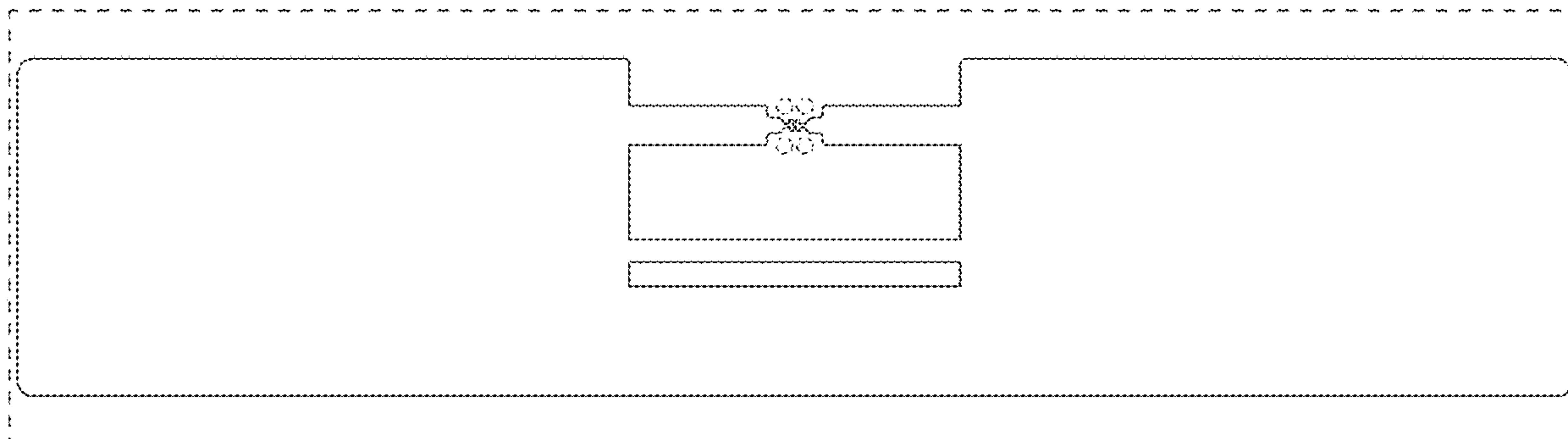
(56) **References Cited**

**U.S. PATENT DOCUMENTS**

9,070,966 B2 \* 6/2015 Ng ..... H01Q 9/285  
D800,099 S \* 10/2017 Lai ..... D14/230

1. Antenna for wireless tag  
**1.0 : Front**  
The portion illustrated with solid lines is the portion for which design registration is sought; the dashed lines shown in the drawing represent portions of the antenna for wireless tag that form no part of the claimed design; a back view is omitted because it is a mirror image of the front view.

**1 Claim, 1 Drawing Sheet**



(56)

**References Cited**

U.S. PATENT DOCUMENTS

D956,730 S \* 7/2022 Shimada ..... D14/230  
D962,210 S \* 8/2022 Shimada ..... D14/230  
2010/0302013 A1\* 12/2010 Kato ..... G06K 19/07767  
235/492  
2012/0229348 A1\* 9/2012 Chiang ..... H01Q 1/2266  
343/702

FOREIGN PATENT DOCUMENTS

CN 307569934 \* 9/2022  
JP D1716627 \* 6/2022  
KR 301183276.0000 \* 9/2022  
WO D218153-001 \* 6/2022

OTHER PUBLICATIONS

Alien, "RFID Tag White Wet Inlay Squiggle . . ." available at rfmobistore.com, date published Nov. 17, 2017, site visited Oct. 18, 2022, available at URL: [https://rfmobistore.com/products/alien-squiggle-rfid-white-wet-inlay-aln-9840-higgs-ec?gclid=EAIalQobChMzNjanqrq-glVBYjlCh0mZQvQEAQYBiABEgID5PD\\_BwE](https://rfmobistore.com/products/alien-squiggle-rfid-white-wet-inlay-aln-9840-higgs-ec?gclid=EAIalQobChMzNjanqrq-glVBYjlCh0mZQvQEAQYBiABEgID5PD_BwE) (Year: 2017).\*

\* cited by examiner

