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(12) **United States Design Patent** (10) **Patent No.:** **US D971,897 S**
Scarpelli (45) **Date of Patent:** **** Dec. 6, 2022**

(54) **RADIO-FREQUENCY ANTENNA**
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(**) Term: **15 Years**
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(52) **U.S. Cl.**
USPC **D14/230**
(58) **Field of Classification Search**
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D13/108, 184; D21/332, 329, 333;
D12/42, 32, 400
CPC ... H04W 88/06; H04W 88/085; H04W 84/02;
H01Q 1/2291; H01Q 1/24; H01Q 1/241;
H01Q 1/247; H01Q 1/248; H01Q 1/38;
H01Q 1/007
See application file for complete search history.

D756,336 S * 5/2016 Podduturi D14/230
D783,082 S * 4/2017 Sallard D16/335
D840,984 S * 2/2019 Howard D14/230
D858,491 S * 9/2019 Howard D14/230
D900,793 S * 11/2020 Howard D14/230
D924,040 S * 7/2021 Brown D8/349
2013/0321240 A1* 12/2013 O'Shea H01Q 21/28
343/893
2016/0372829 A1* 12/2016 Andre H01Q 1/38

FOREIGN PATENT DOCUMENTS

CN 304651438 * 5/2018
CN 305342537 * 9/2019
CN 305836448 * 6/2020
CN 305869007 * 6/2020
CN 305912868 * 7/2020
CN 306579471 * 6/2021
CN 307369912 * 5/2022

* cited by examiner

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(57) **CLAIM**

The ornamental design of a radio-frequency antenna, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of the radio-frequency antenna;
FIG. 2 is a front view thereof;
FIG. 3 is a back view thereof;
FIG. 4 is a left side view thereof;
FIG. 5 is a right side view thereof;
FIG. 6 is a top view thereof; and,
FIG. 7 is a bottom view thereof.

1 Claim, 4 Drawing Sheets

(56) **References Cited**
U.S. PATENT DOCUMENTS
D289,277 S * 4/1987 Horberg D12/160
D366,487 S * 1/1996 Jones D14/230
D416,830 S * 11/1999 McKay D12/114
6,667,718 B2 * 12/2003 Back H01Q 9/0407
343/846
D496,887 S * 10/2004 Carlson D12/159
D724,650 S * 3/2015 Tirindelli D16/335

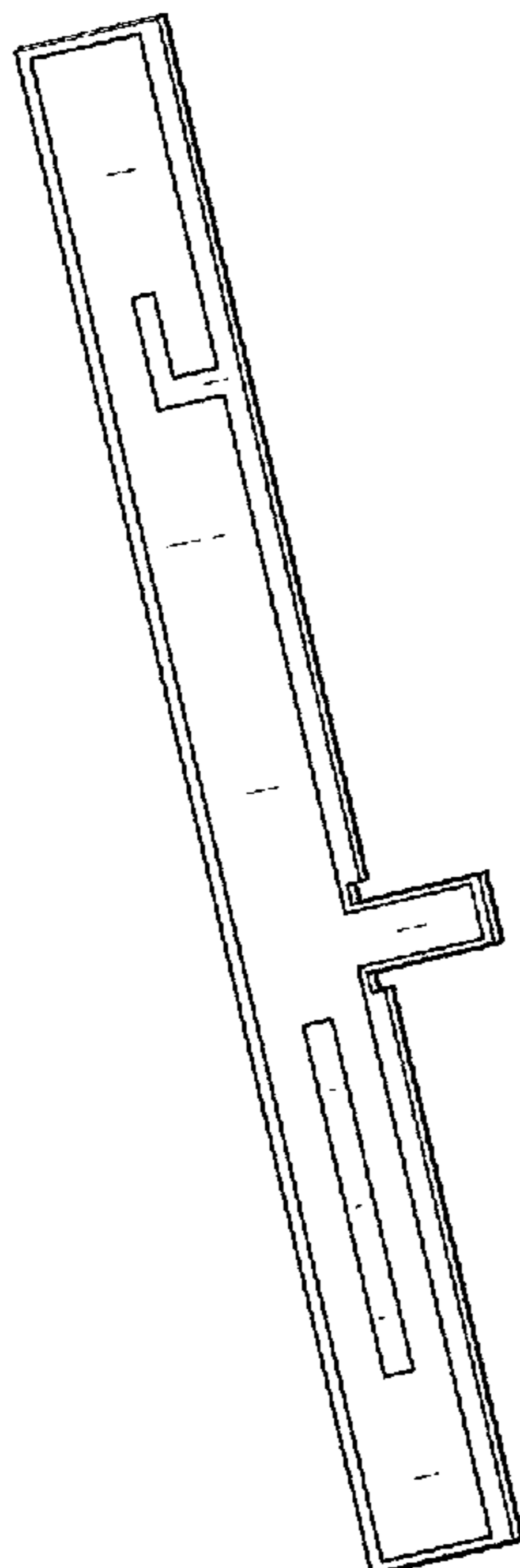


FIG. 1

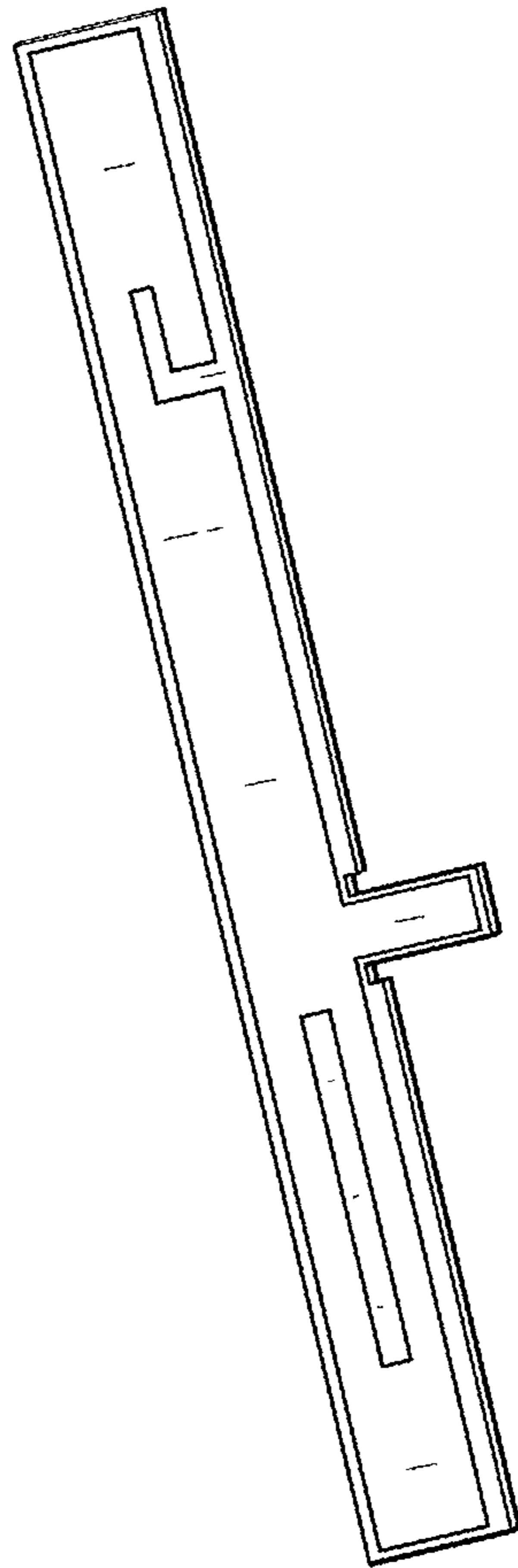


FIG. 2

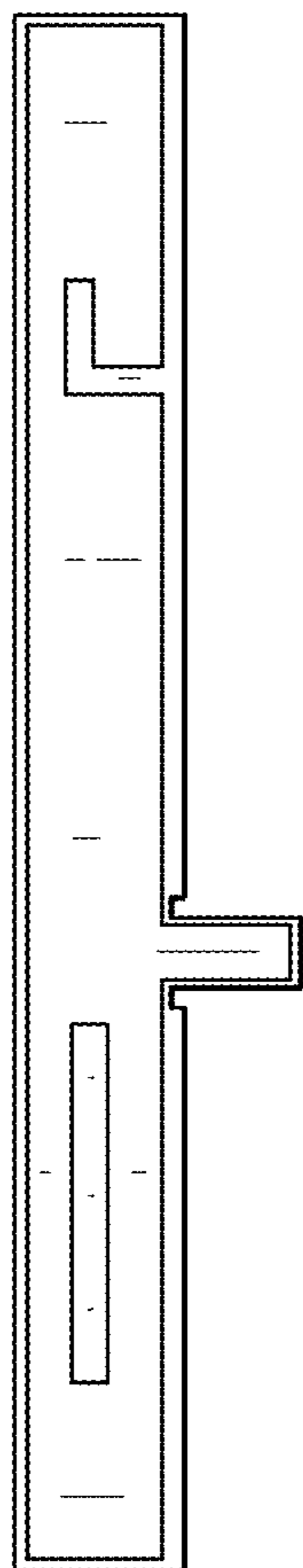


FIG. 3

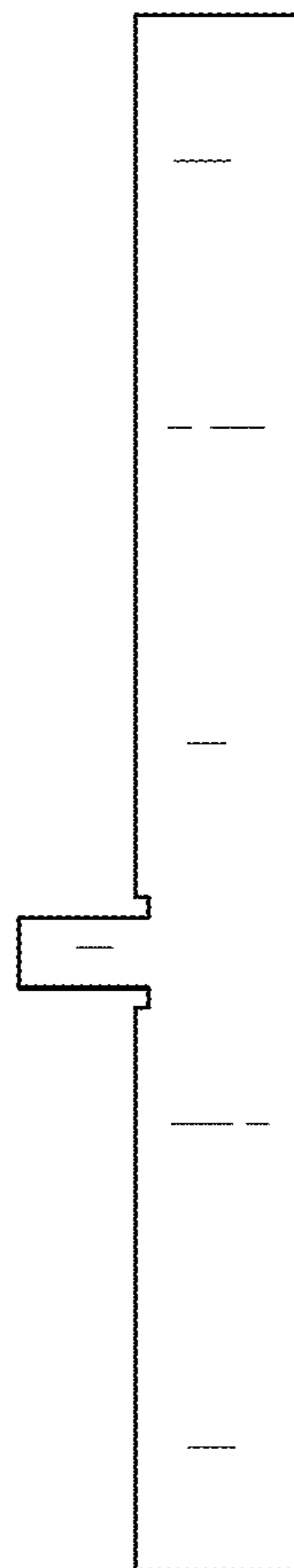


FIG. 4



FIG. 5



FIG. 6



FIG. 7

