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(12) **United States Design Patent**
Perless et al.

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(54) **VERTICAL AXIS HELICAL WIND TURBINE**

(56) **References Cited**

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U.S. PATENT DOCUMENTS

D511,495 S * 11/2005 Okubo et al. D13/115
7,344,353 B2 * 3/2008 Naskali et al. 415/4.2
D610,542 S * 2/2010 Raisanen et al. D13/115
D621,352 S * 8/2010 Snow D13/115
7,976,267 B2 * 7/2011 Burrell, IV 415/4.2
D654,433 S * 2/2012 Huang et al. D13/115
D671,070 S * 11/2012 Joutsiniemi D13/115
2004/0061337 A1* 4/2004 Becker 290/44

(**) Term: **14 Years**

FOREIGN PATENT DOCUMENTS

(21) Appl. No.: **29/506,912**

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(22) Filed: **Oct. 21, 2014**

* cited by examiner

(51) **LOC (10) Cl.** **13-01**

Primary Examiner — Derrick Holland

(52) **U.S. Cl.** **D13/115**

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USPC **D13/115**

(57) **CLAIM**

(58) **Field of Classification Search**

The ornamental design for a vertical axis helical wind turbine,
as shown and described.

CPC F03D 1/06; F03D 1/0608; F03D 1/0625;
F03D 1/0633; F03D 1/0641; F03D 3/02;
F03D 3/005; F03D 3/061; F03D 3/0409;
F03D 7/0224; F03D 7/04; F03D 7/06; B63H
1/06

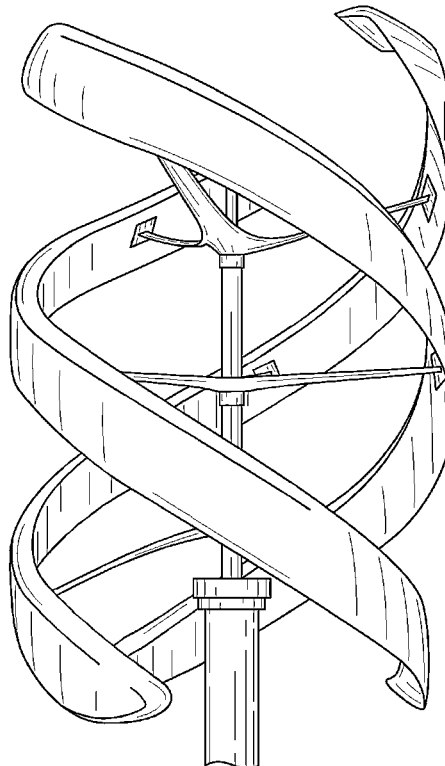
DESCRIPTION

USPC D13/115, 101, 199; D15/1, 199;
290/54, 55; 415/4.2, 41, 907; 416/23,
416/24, 31, 37, 38, 51, 132 B, 132 R, 142,
416/143, 151, 176, 183, 196 A, 197 A

FIG. 1 is a front view of our vertical axis helical wind turbine;
FIG. 2 is a left view;
FIG. 3 is a back view;
FIG. 4 is a right view;
FIG. 5 is a top view; and,
FIG. 6 is a bottom view.

See application file for complete search history.

1 Claim, 5 Drawing Sheets



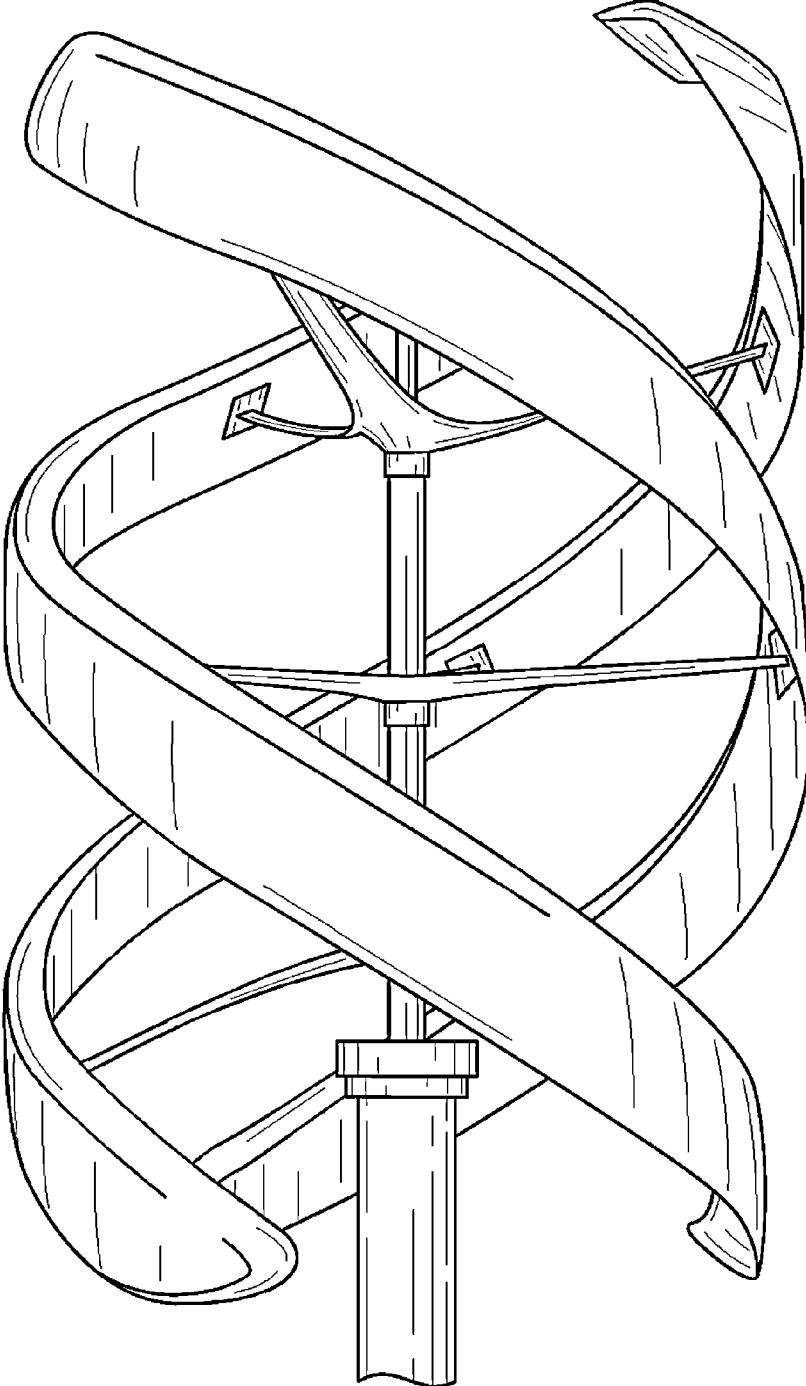


FIG. 1

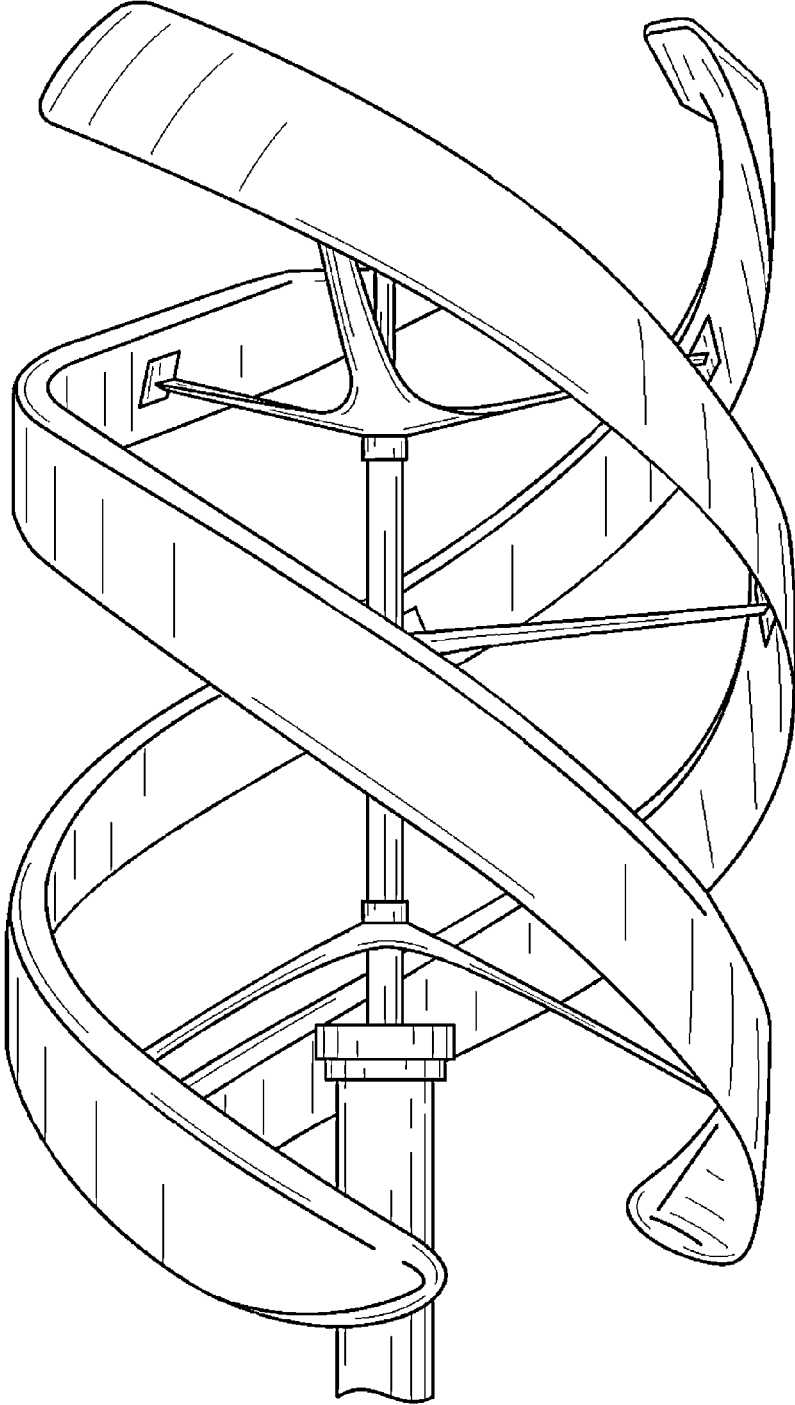


FIG. 2

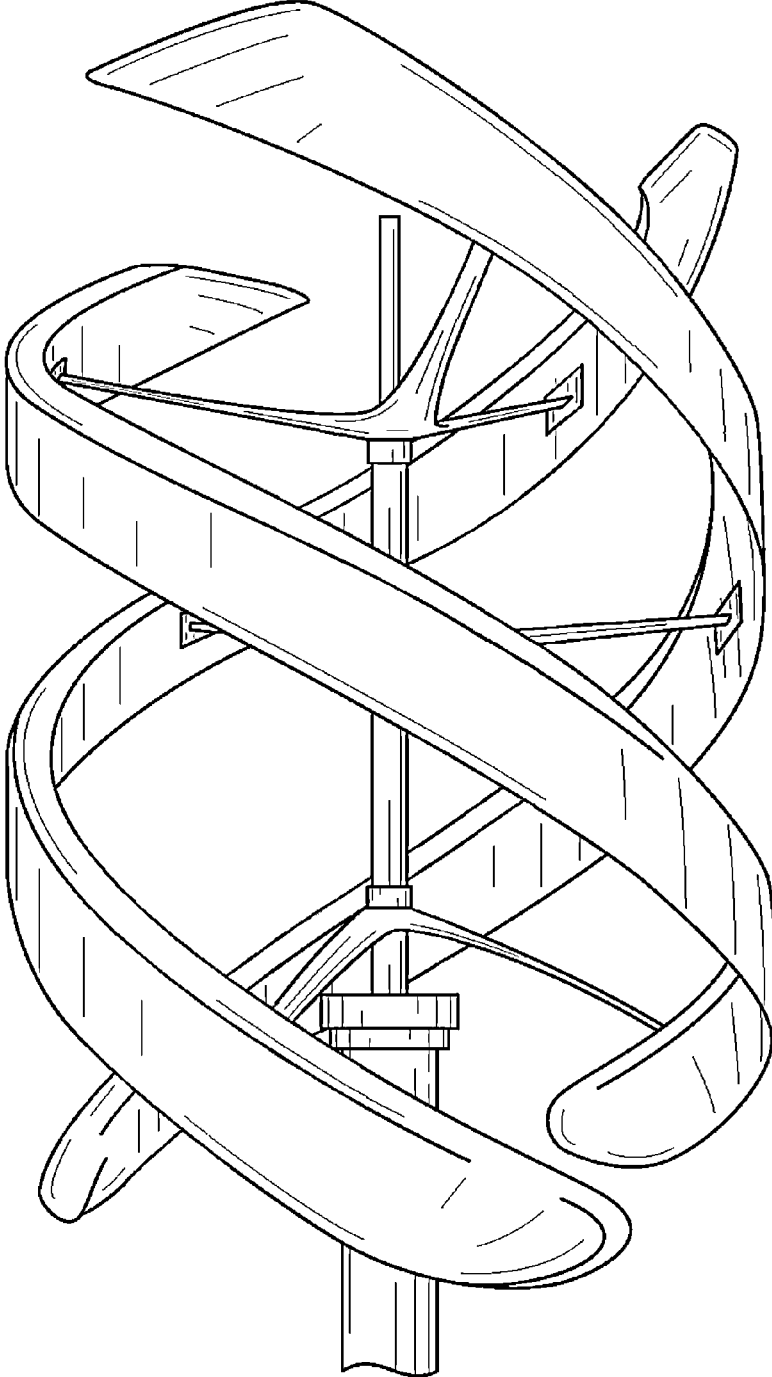


FIG. 3

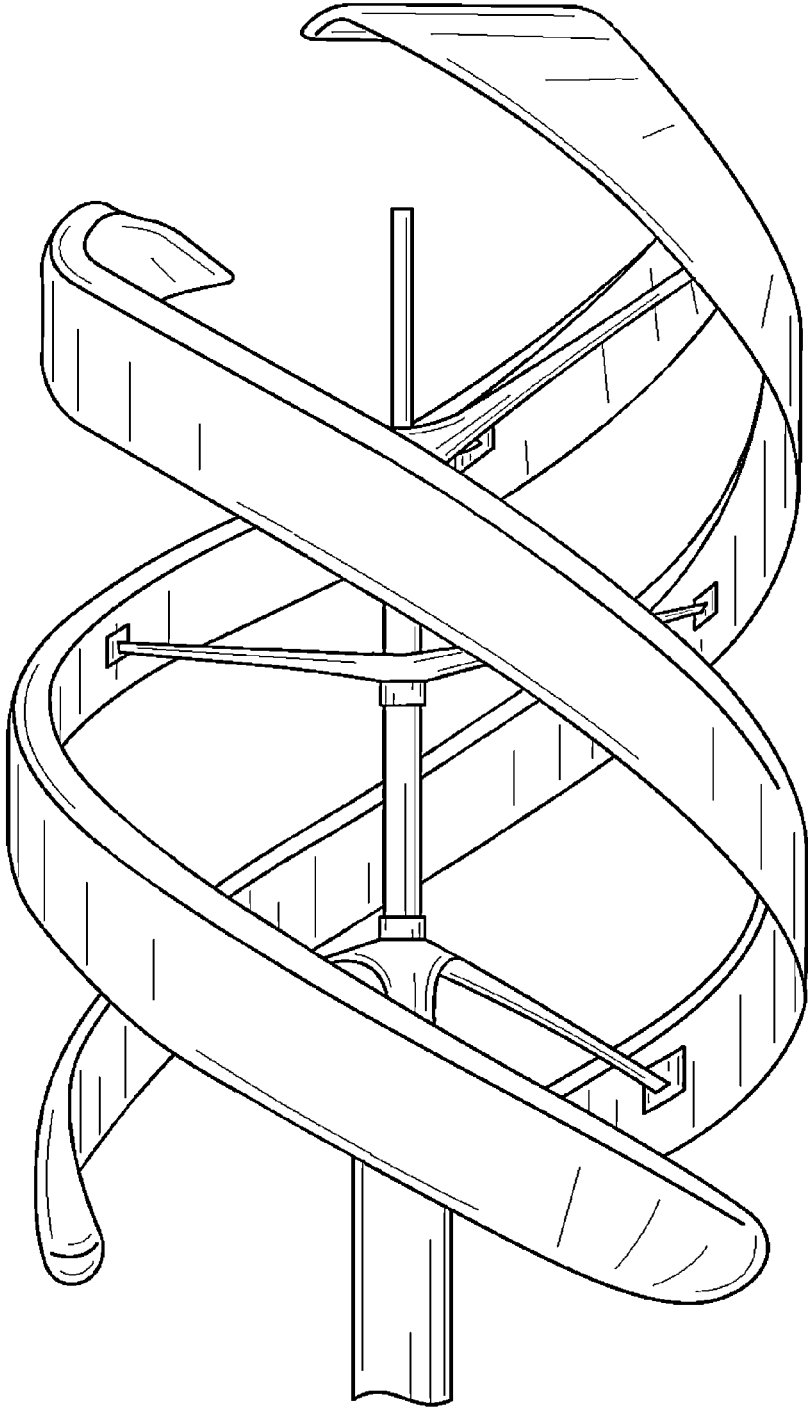


FIG. 4

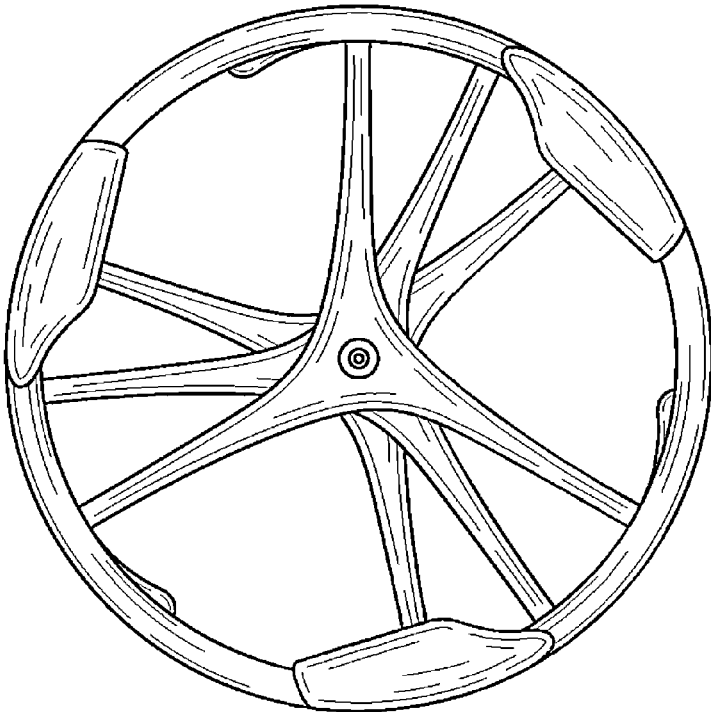


FIG. 5

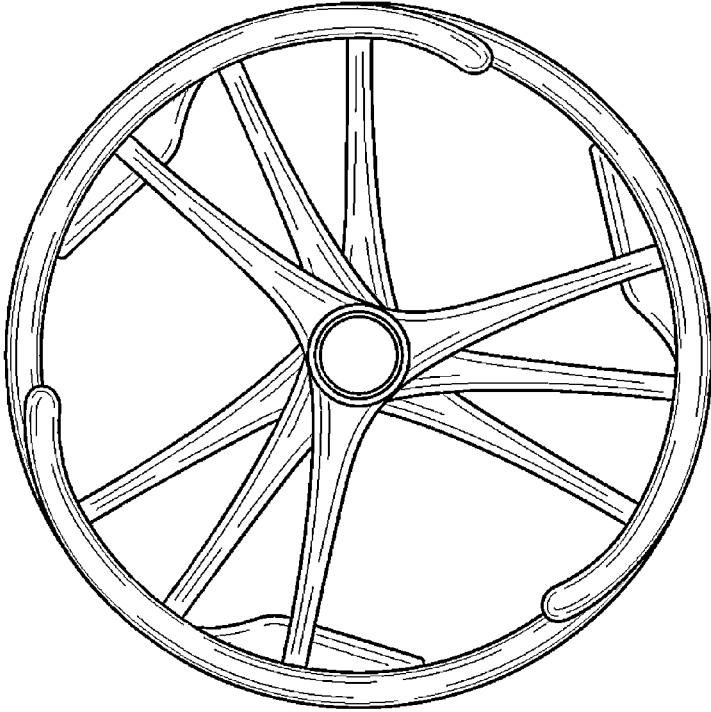


FIG. 6