



US00D815597S

(12) **United States Design Patent** (10) **Patent No.:** **US D815,597 S**
Cawthorne (45) **Date of Patent:** **** Apr. 17, 2018**

(54) **HYDROELECTRIC TURBINE**
(71) Applicant: **Openhydro IP Limited**, Dublin (IE)
(72) Inventor: **Simon Cawthorne**, Carlingford (IE)
(73) Assignee: **Openhydro IP Limited**, Dublin (IE)
(**) Term: **14 Years**
(21) Appl. No.: **29/525,487**
(22) Filed: **Apr. 30, 2015**
(30) **Foreign Application Priority Data**
Oct. 30, 2014 (EM) 002568220-0001
Oct. 30, 2014 (EM) 002568220-0002
Oct. 30, 2014 (EM) 002568220-0003
Oct. 30, 2014 (EM) 002568220-0004
Oct. 30, 2014 (EM) 002568220-0005
(51) **LOC (11) Cl.** **13-01**
(52) **U.S. Cl.**
USPC **D13/112**
(58) **Field of Classification Search**
USPC D13/101, 110, 112-118, 122, 123, 162,
D13/184, 199; D12/214, 306; D21/542;
310/10, 40 MM, 40 R, 42, 51, 52, 58, 64,
310/71, 80, 83, 85, 88, 89, 91, 109, 236,
310/239, 254; 318/244-5; 322/16, 29;
29/596-598
CPC Y02E 10/28; Y02E 10/223; F03B 17/061;
F03B 13/10; Y02P 70/525
See application file for complete search history.

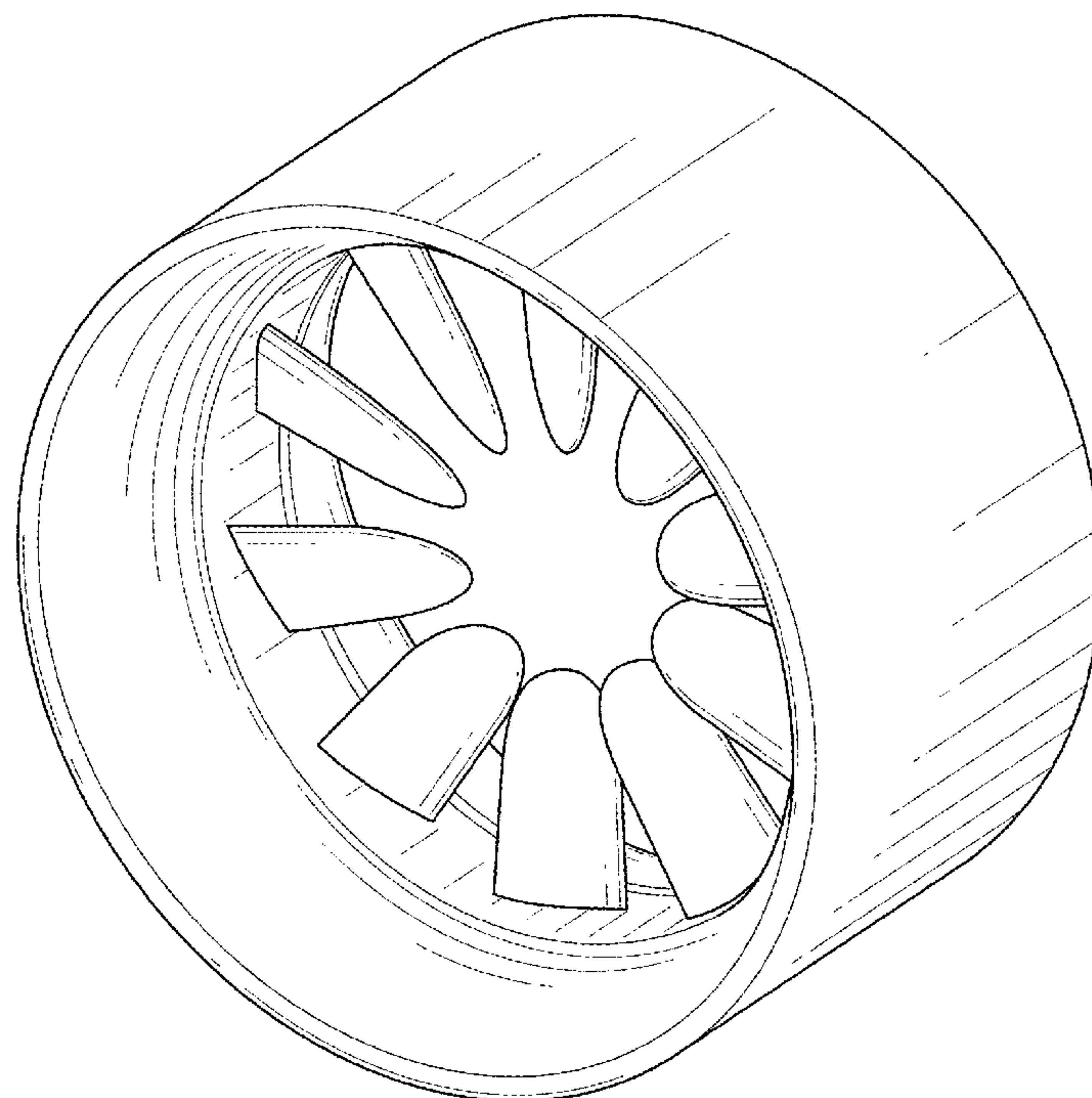
(56) **References Cited**
U.S. PATENT DOCUMENTS
3,433,024 A * 3/1969 Diamond B63B 35/4413
405/196
D240,810 S * 8/1976 Meyerhoff et al. D12/214
4,744,698 A * 5/1988 Dallimer B63C 11/36
405/195.1
4,843,249 A * 6/1989 Bussiere F03B 13/183
290/42
6,168,373 B1 * 1/2001 Vauthier F03B 13/10
415/221
D543,495 S * 5/2007 Williams D12/345
D710,303 S * 8/2014 Liao D13/115
D715,737 S * 10/2014 Cooper D13/115
8,864,439 B2 * 10/2014 Williams F03B 13/10
415/3.1
9,234,492 B2 * 1/2016 Dunne E02D 15/08

* cited by examiner
Primary Examiner — Derrick Holland
Assistant Examiner — Jennifer O King
(74) *Attorney, Agent, or Firm* — Servilla Whitney LLC

(57) **CLAIM**
The ornamental design for a hydroelectric turbine, substantially as shown and described.

DESCRIPTION
FIG. 1 is a perspective view of a hydroelectric turbine;
FIG. 2 is a front/back view thereof; and,
FIG. 3 is a side view thereof.

1 Claim, 2 Drawing Sheets



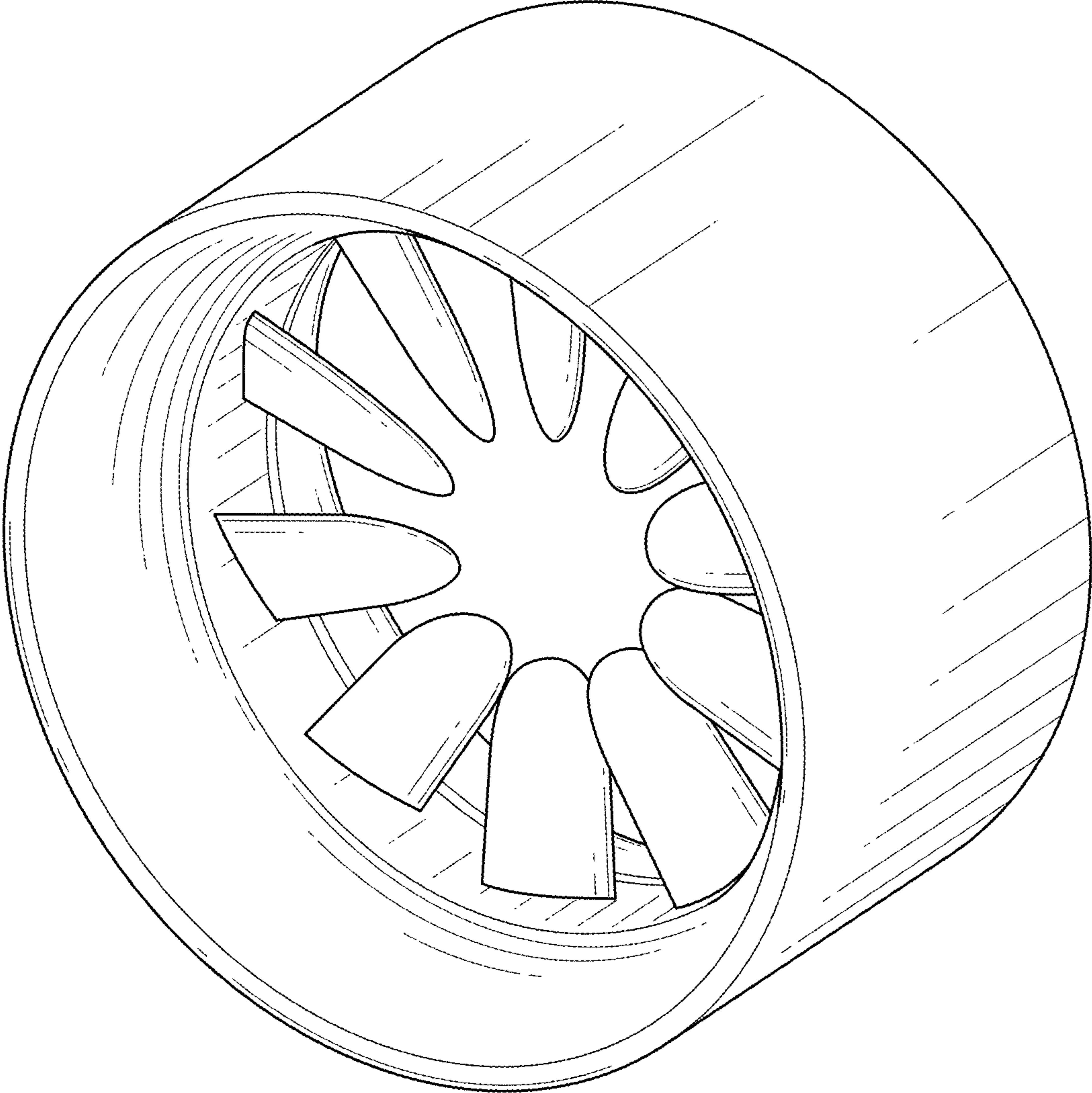


FIG. 1

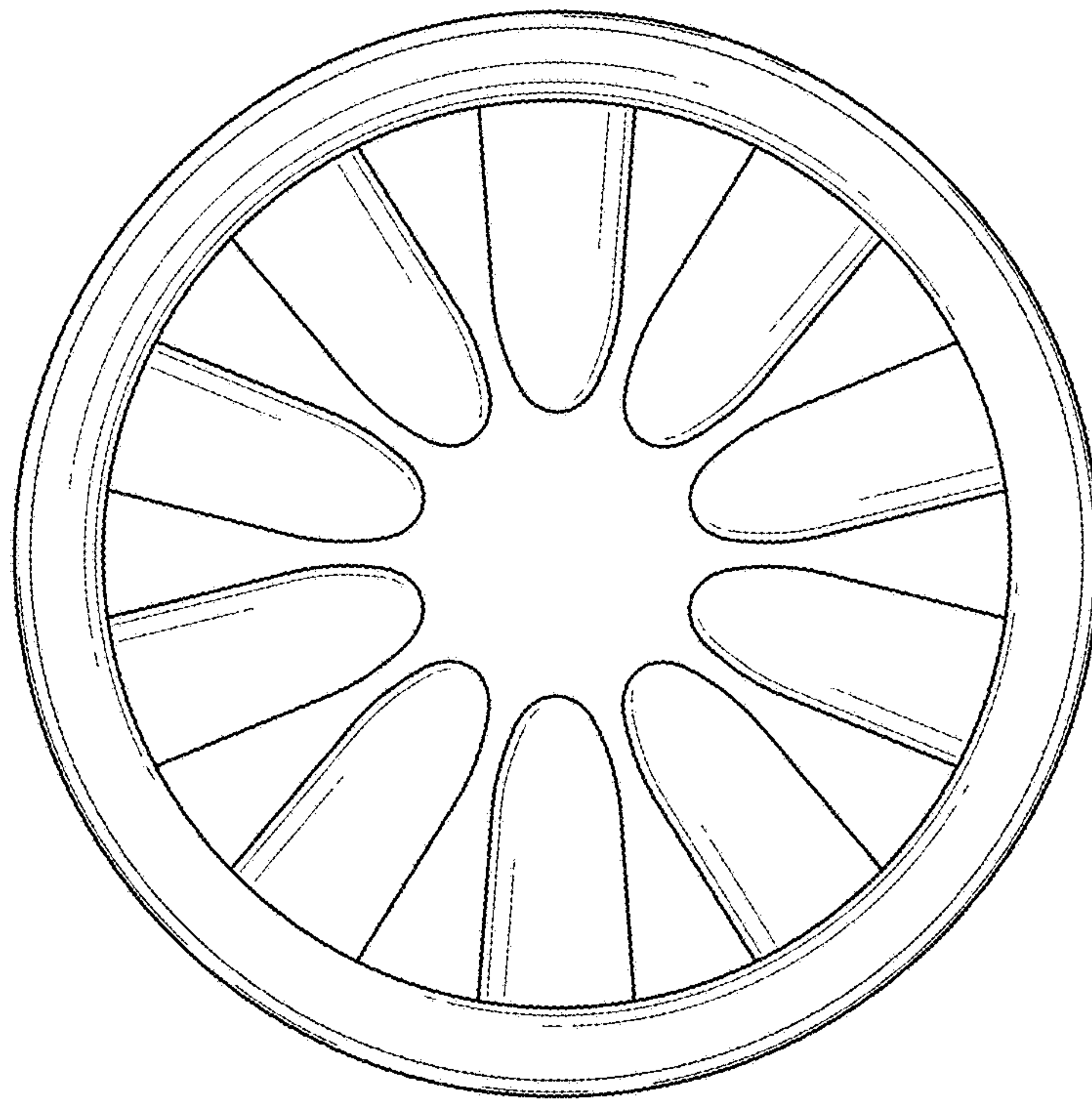


FIG. 2

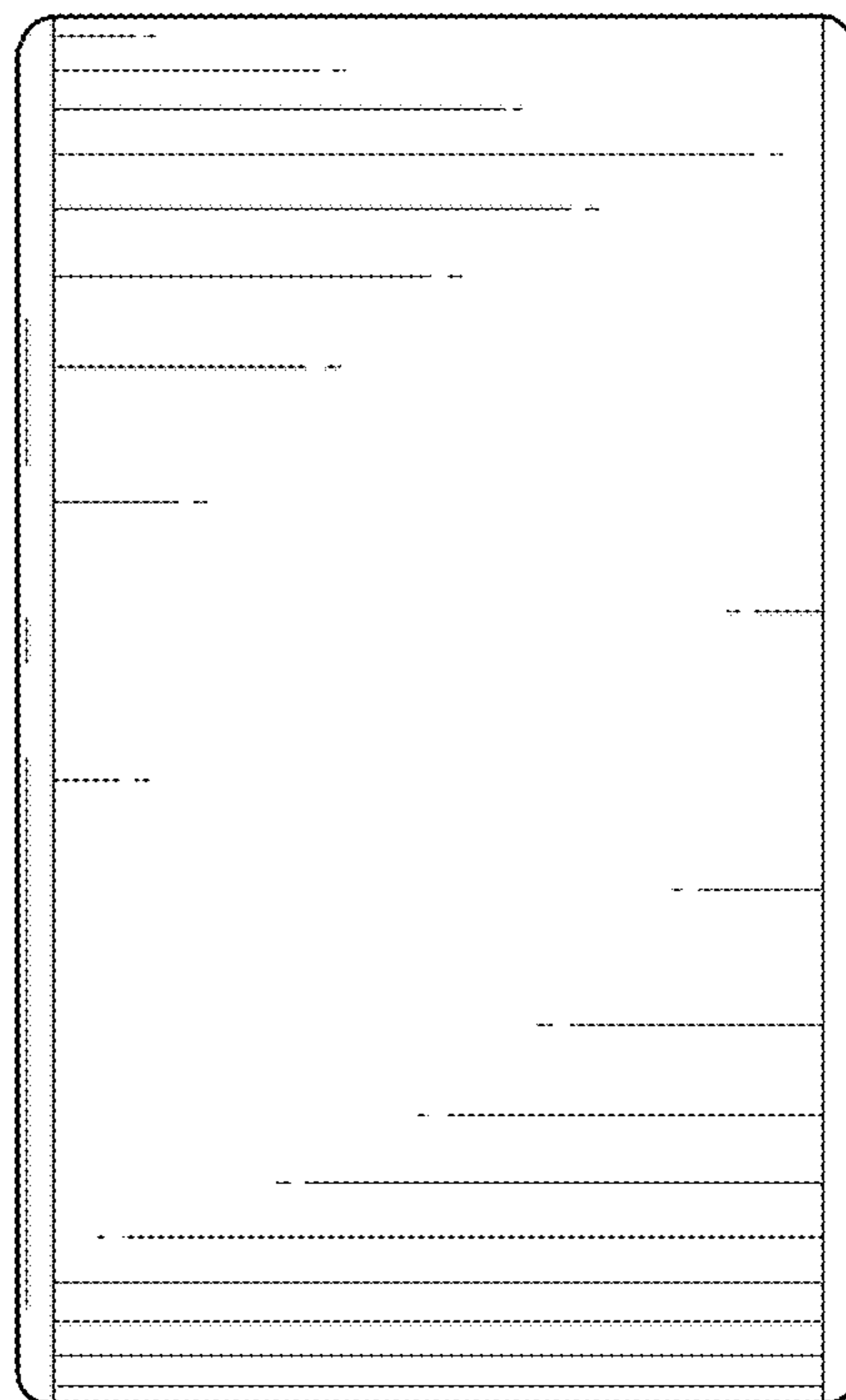


FIG. 3