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Tohoda et al.

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(54) **SOLAR BATTERY CELL**

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

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(52) **U.S. Cl.**
USPC **D13/102**

(58) **Field of Classification Search**
USPC D13/102, 101, 103, 107, 108, 110, 199;
126/569; 136/206, 243, 244, 245, 251,
136/252; 320/101; 323/906
CPC H01L 31/00; H01L 31/04; H01L 31/024;
H01L 31/042; H01L 31/046; H01L 31/0203;
H01L 21/00

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

3,957,537	A *	5/1976	Baskett et al.	136/251
4,542,258	A *	9/1985	Francis et al.	136/256
D555,083	S *	11/2007	Sharma et al.	D13/102
7,388,146	B2 *	6/2008	Fraas et al.	136/246
D652,375	S *	1/2012	Kannou et al.	D13/102
D658,119	S *	4/2012	Bamberg et al.	D13/102
D670,239	S *	11/2012	Kannou et al.	D13/102
D690,261	S *	9/2013	Wu et al.	D13/102
8,981,210	B2 *	3/2015	Karakida	136/256
2007/0261731	A1 *	11/2007	Abe et al.	136/244

OTHER PUBLICATIONS

Japanese Office Action dated Aug. 19, 2014, issued in corresponding Japanese Application No. 2014-002412. (2 pages).

* cited by examiner

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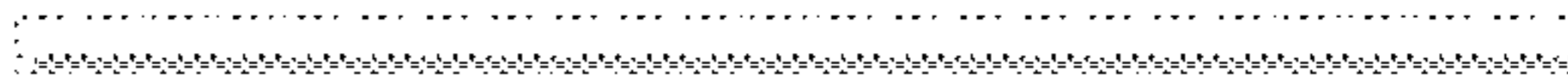
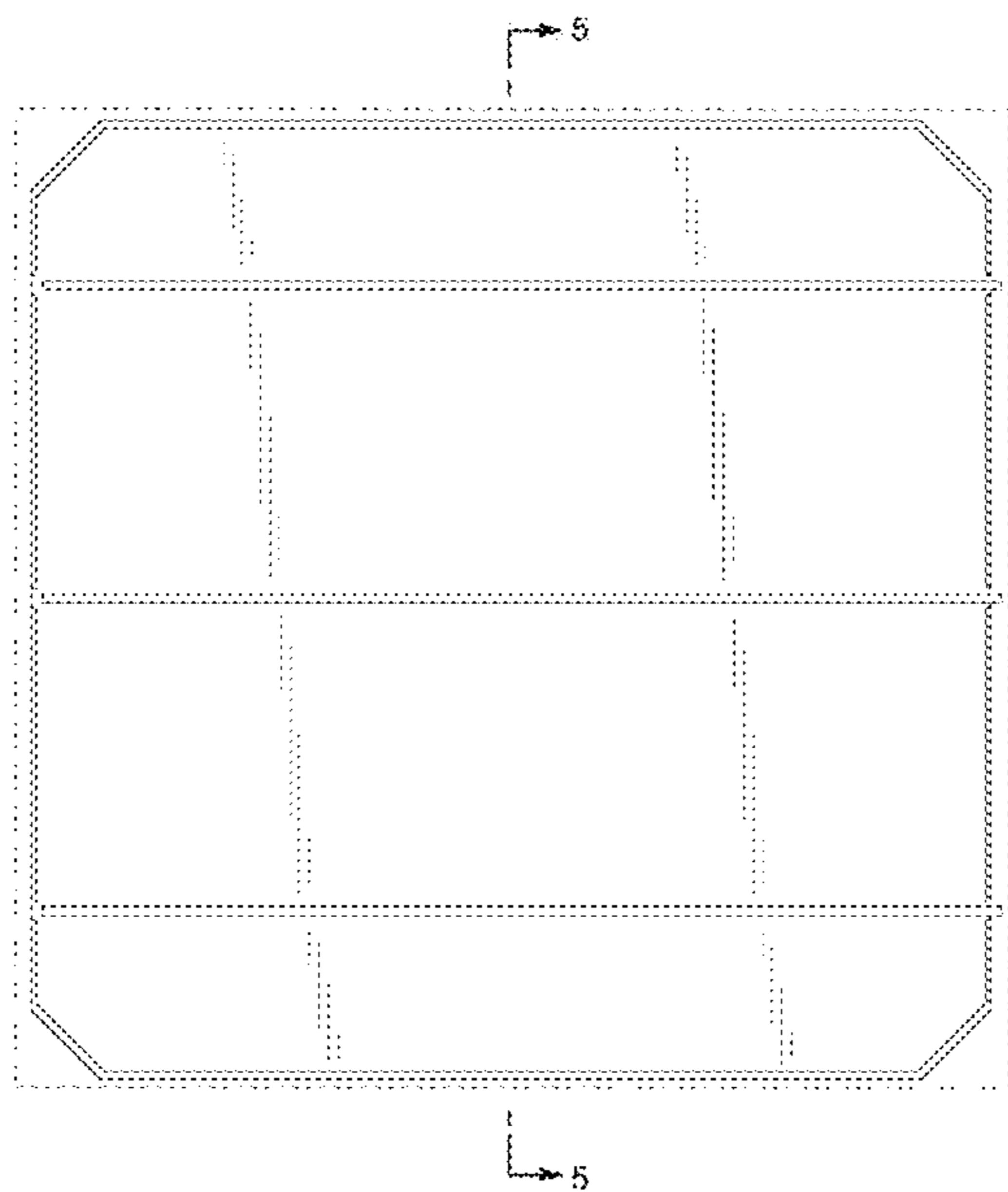
(57) **CLAIM**

An ornamental design for a solar battery cell, as shown and described.

DESCRIPTION

FIG. 1 is a front elevational view of a solar battery cell, showing our new design;
FIG. 2 is a right side elevational view thereof;
FIG. 3 is a left side elevational view thereof;
FIG. 4 is a top plan view thereof, the bottom plan view being identical thereto; and,
FIG. 5 is a cross-sectional view thereof, taken along line 5-5 of FIG. 1.
The broken lines shown represent unclaimed subject matter and form no part of the claimed design.

1 Claim, 2 Drawing Sheets



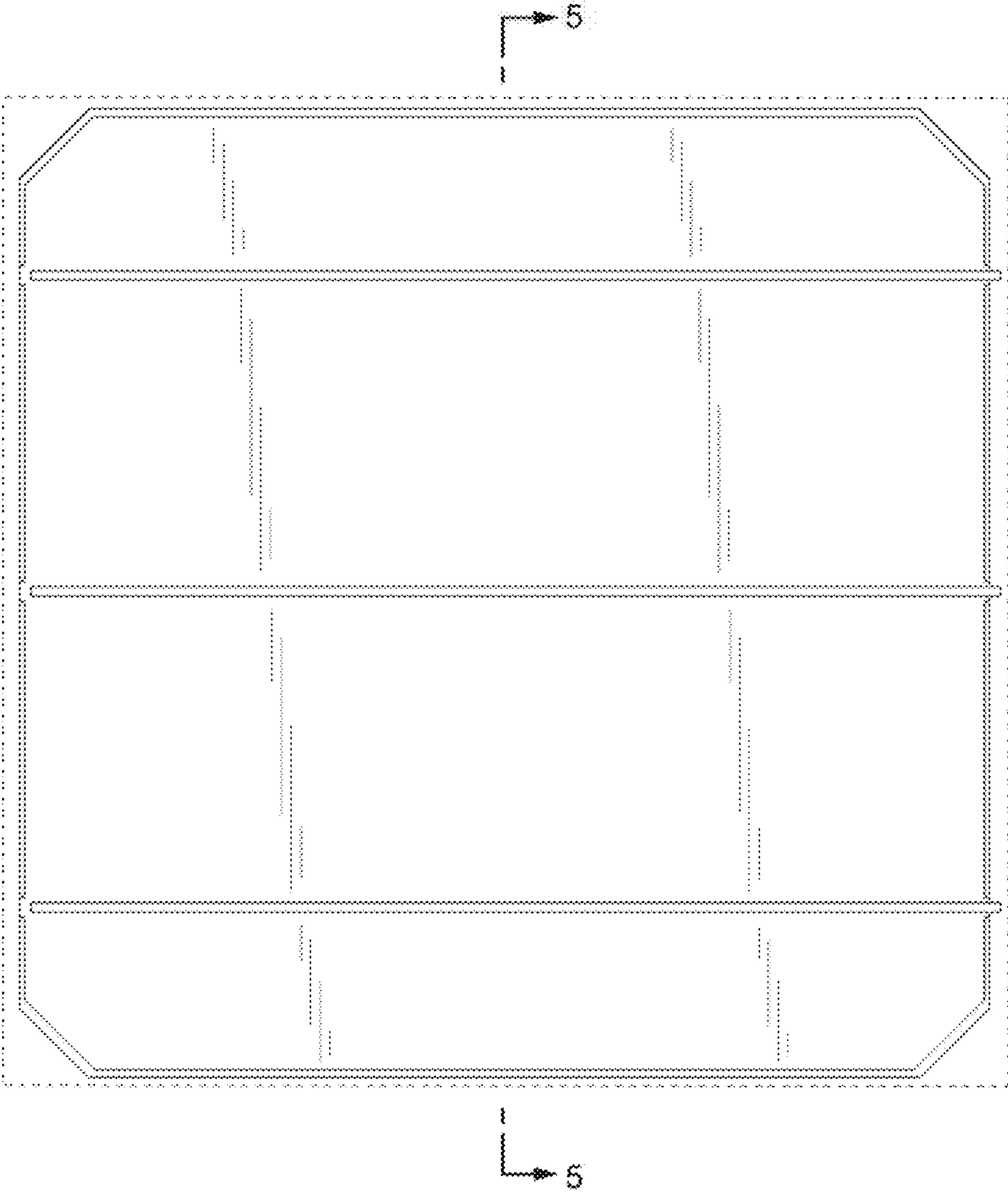


Fig. 1



Fig. 2



Fig. 3

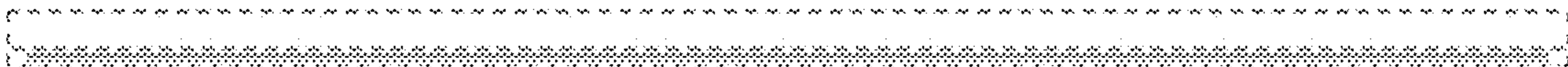


Fig. 4

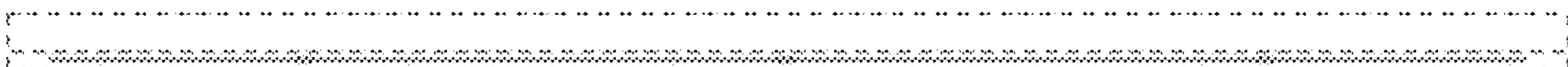


Fig. 5