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(12) **United States Design Patent**
Fu

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(54) **MULTI-FUNCTIONAL PLIER**
(71) Applicant: **Yingxiang Fu, Yangjiang (CN)**
(72) Inventor: **Yingxiang Fu, Yangjiang (CN)**
(**) Term: **15 Years**

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D941,107 S * 1/2022 Zhong D8/55
D941,655 S * 1/2022 Peng D8/105
D949,656 S * 4/2022 Shen D8/55
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(Continued)

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(51) **LOC (14) Cl.** **08-05**
(52) **U.S. Cl.**
USPC **D8/52**
(58) **Field of Classification Search**
USPC D8/4, 5, 21, 26, 51-58, 92, 93, 105;
D19/69, 72; D21/532; D22/149, 150;
D24/146, 148, 149
CPC B25B 7/16; B25B 7/02; B25B 7/14; B25B
7/22; H02G 1/1209
See application file for complete search history.

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Primary Examiner — David G Muller
Assistant Examiner — Christina Gabrielle Cosden

(57) **CLAIM**

The ornamental design for a multi-functional plier, as shown and described.

DESCRIPTION

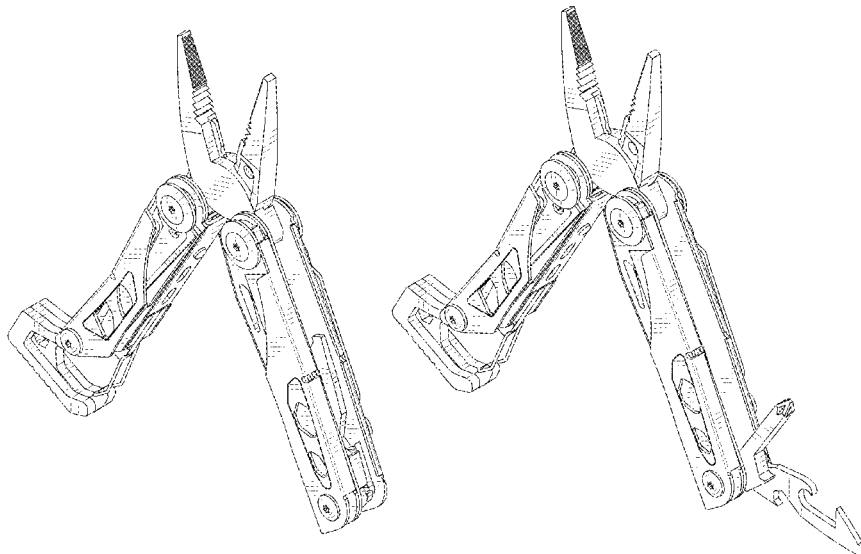
FIG. 1 is a front, right side, top perspective view of a multi-functional plier showing my new design; FIG. 2 is a front elevational view thereof; FIG. 3 is a rear elevational view thereof; FIG. 4 is a left side elevational view thereof; FIG. 5 is a right side elevational view thereof; FIG. 6 is a top plan view thereof; FIG. 7 is a bottom plan view thereof; and FIG. 8 is a front, right side, top perspective view of the multi-functional plier showing some of the additional tools thereof in a deployed position; and, FIG. 9 is a front, right side, top perspective view of the multi-functional plier showing the multi-functional plier in a totally collapsed state. The broken lines depict portions of the multi-functional plier that form no part of the claimed design.

1 Claim, 9 Drawing Sheets

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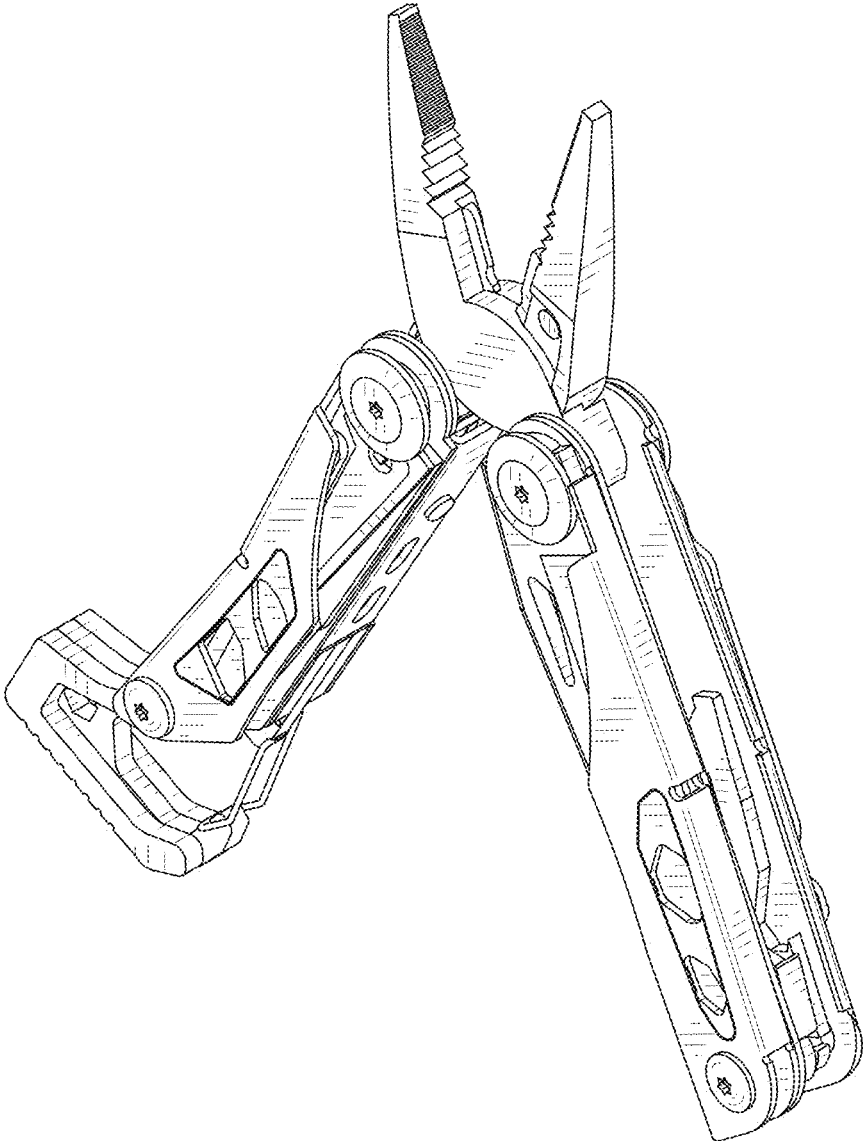


FIG.1

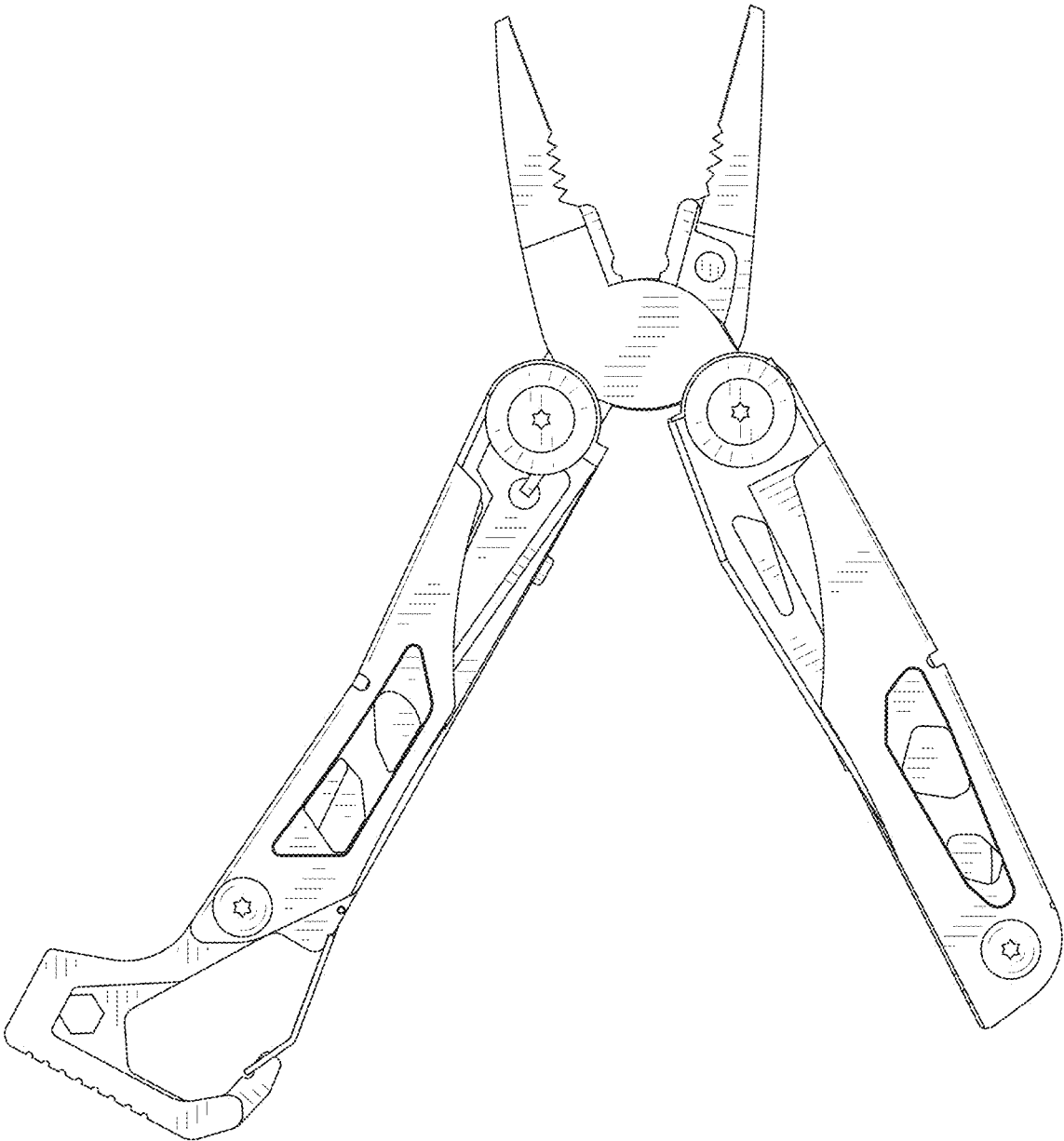


FIG.2

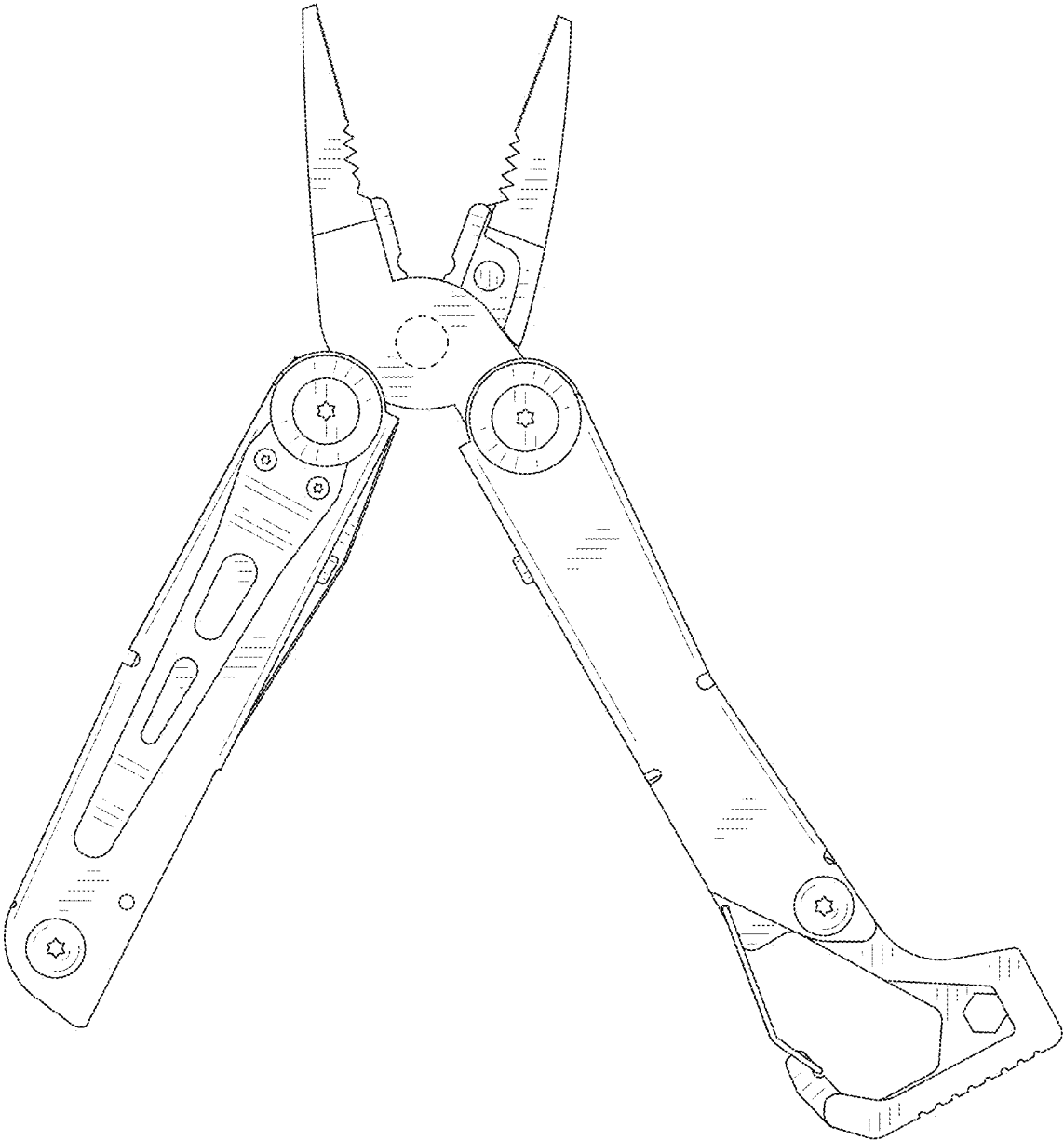


FIG.3

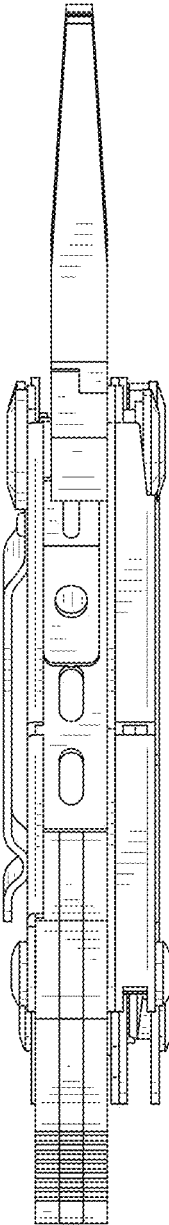


FIG.4

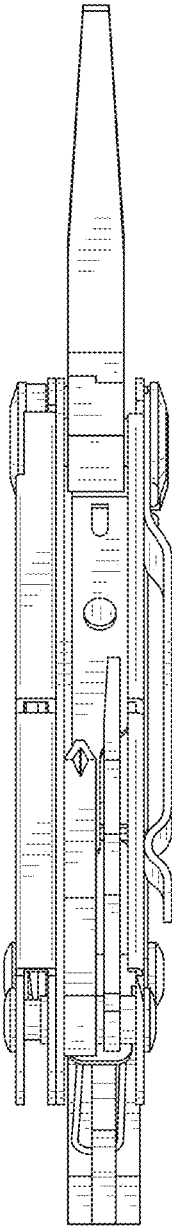


FIG.5

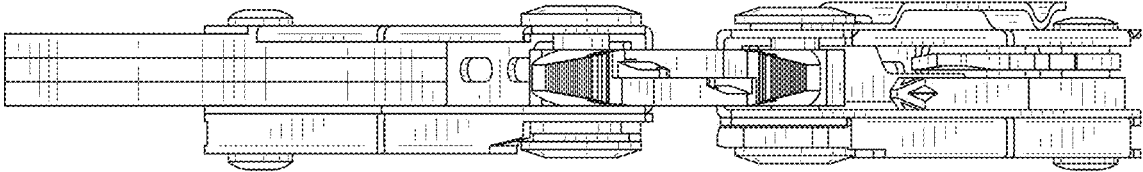


FIG.6

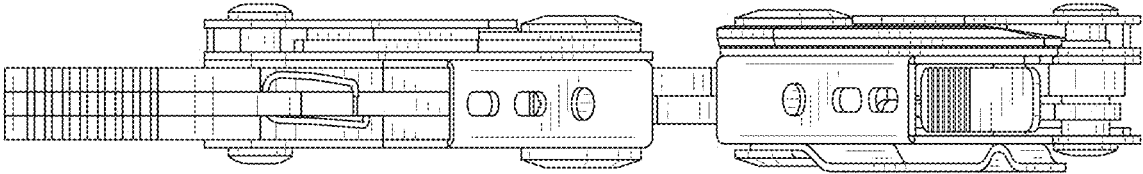


FIG.7

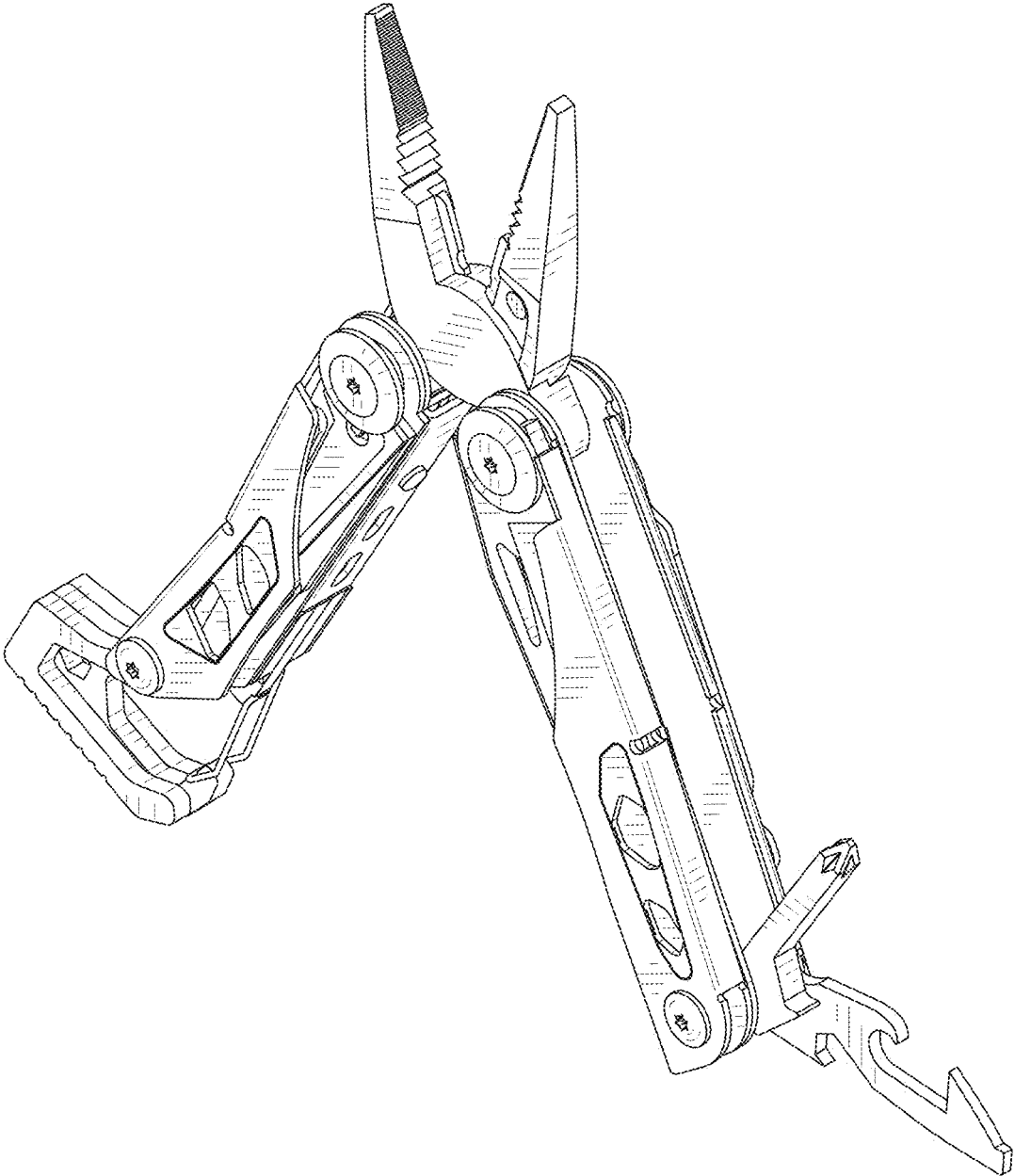


FIG.8

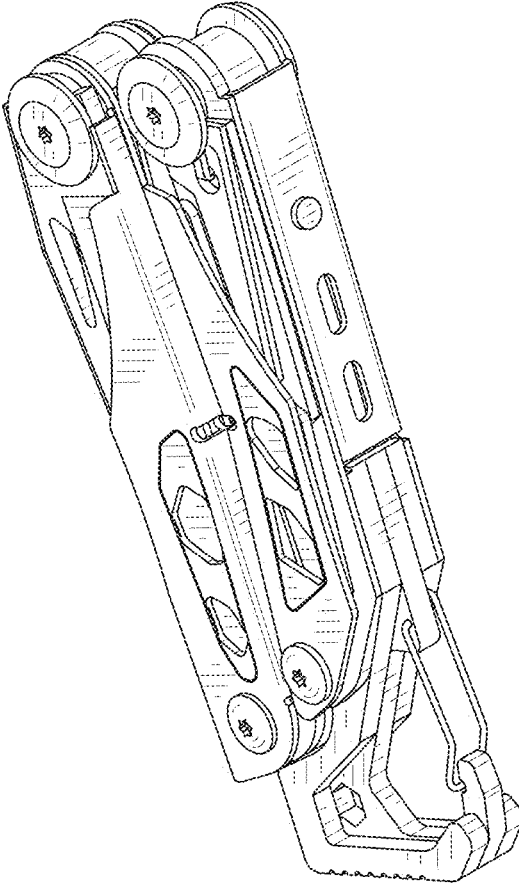


FIG.9