

TTO - IPM Cell



Industrial Consultancy & Sponsored Research (IC&SR)

AUTOMATIC DISPENSER FOR HAND SANITIZER IITM Technology Available for Licensing

Intellectual Property (Design)

IITM IDF Ref. 2071;

Design No: 331509-001 (Granted);

Class- 23-06

Technology/IP Category/ Market

Automatic dispenser hand Design: sanitizer;

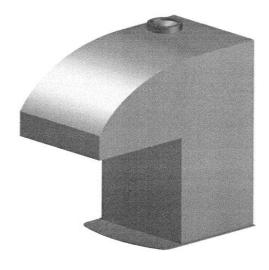
Industry: Healthcare, Hand Sanitation device;

Applications: Hand sanitizer;

Market: The global hand sanitizer dispenser market is projected to grow at a CAGR of 13.7% during the forecast period (2024-2033).

Design

Present Design describes the aesthetic view of automatic dispenser for hand sanitizer. (Refer Fig.1) Said sanitizer dispenser is a mechanical based cam-actuated machine that delivers metered quantities of sanitizer upon the sensing of presence human palm. Further, different shape & configuration of automatic dispenser is illustrated hereinbelow.



PERSPECTIVE VIEW

Images

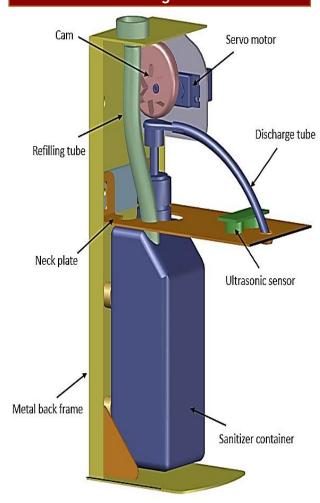


Fig.1

TRL (Technology Readiness Level)

TRL-3/4, Proof of Concept ready, tested & validated in lab:

Research Lab

Prof. Chakravarthy Balaji, Dept of Mechanical Engineering,

Prof. Asokan T,

Dept. of Engineering Design,

CONTACT US

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IIT MADRAS Technology Transfer Office Indian Institute of Technology Madras TTO - IPM Cell



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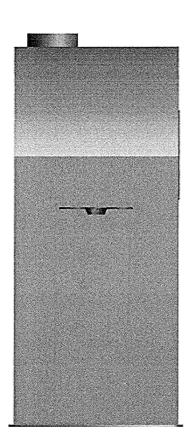
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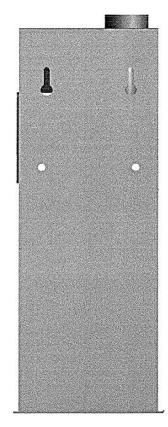
Class- 23-06

Design

 Moreover, front view, top view, left side view, right side view and back side view & bottom view of the automatic dispenser are shown herein.

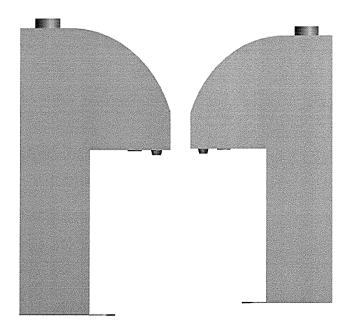


FRONT VIEW

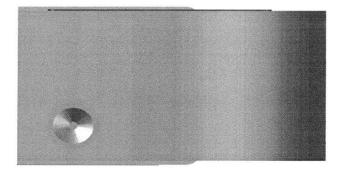


BACK VIEW

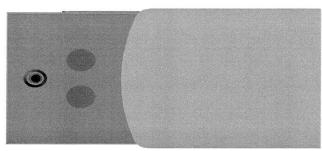
Additional Images



RIGHT VIEW



TOP VIEW



BOTTOM VIEW

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