

IIT MADRAS Technology Transfer Office TTO - IPM Cell



Industrial Consultancy & Sponsored Research (IC&SR)

Indian Institute of Technology Madras

# A 3D DEVICE FOR MULTIPLE COLORIMETRIC DETECTIONS **IITM Technology Available for Licensing**



## **CONTACT US**

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# A 3D DEVICE FOR MULTIPLE COLORIMETRIC DETECTIONS **IITM Technology Available for Licensing**

Intellectual Property (Design)

Indian Institute of Technology Madras

IITM IDF Ref. 2195; Design No: 345721-001 (Granted); Class- 10-04

### Design

- Moreover, a three top view of middle component is shown hereinbelow.
- Fig.1 illustrates the top view of the top paper layer (internal structure). A representation of 8 detection zone is shown in the figure. By changing the radius of the ring tracks, the number of the detection zones can be altered.



Figure-1

### Additional Images

Fig.2 illustrates the top view of the internal structure of the advance design for time delay application.



#### FIGURE -2

• Fig.3 illustrates the top view of the advance design (internal structure) for time delay application. Here 1 & 2 represent two different lengths secondary tracks. The length of 1 is more than the length of 2 so that the liquid will take more time to reach in the reaction zone via no 1 secondary track.



#### FIGURE -3

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