Abstract

The name ‘RaTTy’ comes from the word ‘Rat’ which means ‘Mouse’ and the reason that it has been named as RaTTy is, the proposed technology is an enhancement of existing optical mouse and pen technology. RaTTy is an accurate combination of optical mouse and pen as the mouse structure has been reshaped and then a pen mechanism has been added up to make it similar to a ‘Mouse cum Pen’.

RaTTy is a very cost effective and affordable product. It is a complete package of software and hardware. The software that comes with RaTTy provides user interface and other controlling functionality. The software also provides a tutorial feature that makes technical study very easy. It can bring a revolution in the optical mouse market.

References

1. Avago Technologies “Optical Mice & How They Work”
4. The Livescribe Platform (commercial whitepaper)

**Index Terms**

Computer Science  
Information Sciences

**Keywords**

The main keywords are; RaTTy, RCS, Up-Down mechanism (UDM), finger and thumb button, scrolling hat, etc.