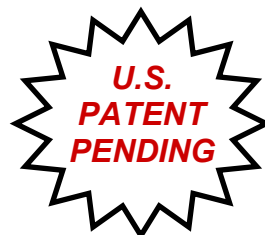
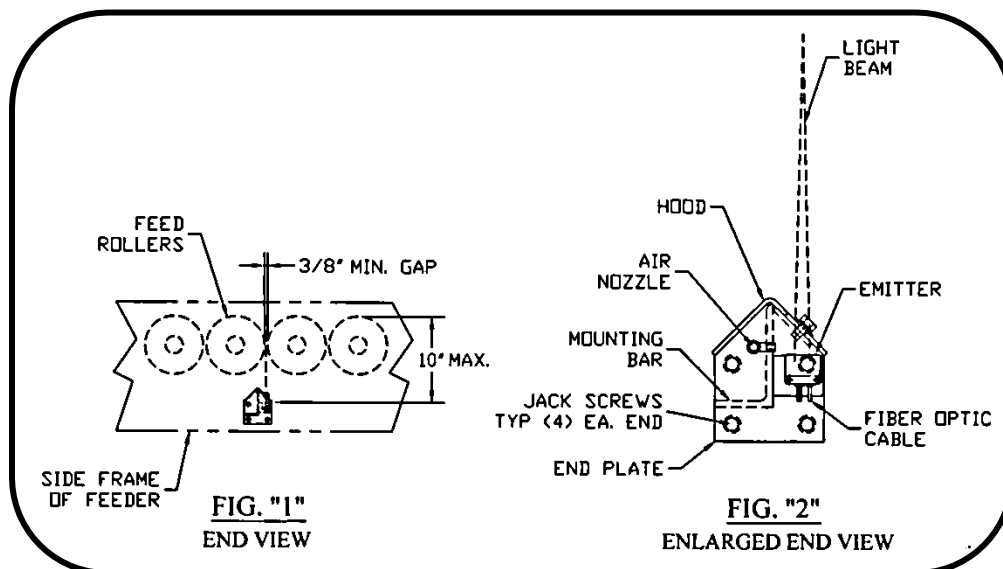


# COTTON MACHINE WORKS, LLC.

## MODEL MWDS MODULE WRAP DETECTION SYSTEM



The Module Wrap Detection System is designed to detect any unremoved colored plastic from the bottom of cotton modules. Emitters are mounted across the feeder bed beneath and between rollers, see Fig. 1. A light beam is directed upward through the gap between the feed rollers. As colored plastic wrap is detected, horn is sounded, a flashing strobe light is illuminated, and the PLC activates normally open and normally closed contacts for customer's desired use.

### FEATURES:

- *Fits between frames on any roller bed feeder*
- *Emitters are rugged construction, programmable, and simple to train up to 6 colors*
- *Hood sheds cotton and trash*
- *Air nozzles keep lenses clean*
  - *System includes:*
    - *(1) Enclosure with 6" Touch Screen, pre-programmed PLC, 24 VDC power supply, horn, strobe, terminals strips, push buttons, switches, and remote relays*
    - *Pneumatic valves with High capacity filter, lubricator and shut off valves*
    - *100 feet of air line*
    - *100 feet fiber optic cable*
    - *7-9 Emitters with amplifiers (Depends on bed width)*
    - *(1) Mounting bar with removable hood*
    - *Ships preassembled and tested*

**MODEL MWDS (MODULE WRAP DETECTION SYSTEM)  
MFG BY COTTON MACHINE WORKS, LLC.  
DESIGNED BY CTC DESIGN, INC.**

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