



## OPTICAL TAPE DUPLICATOR

### ABSTRACT

An optical tape duplicator is disclosed for making multiple copies of recorded optical tape by continuous contact recording. An information-bearing endless master tape is brought into intimate contact with an optical tape and passed through a recording zone exposed to a beam of radiant energy for recording information stored by the master tape into the optical tape. The master tape contains transmissive and non-transmissive portions that represent the information stored by the master tape. The optical tape contains a recording surface that is sensitive to the radiant beam of energy. The beam of radiant energy passes through the transmissive portions of the master tape while making contact with the optical tape in the recording zone, causing information stored by the master tape to be recorded in the recording surface of the optical tape as indicia where the recording surface was exposed to the beam of radiant energy.