- 1. INSTRUMENT FOR DRAWING IN SPHERICAL PERSPECTIVE Spherical perspective, Palermo, 1986
- 2. THE CONIC COMPASS

The conic compass: an instrument for drawing any kind of conic section through continuous movement, Roma, 1990

- 3. OPTICAL SYSTEM FOR ORTHOGONAL PHOTOGRAPHIC PROJECTION Orthogonal photographic projection, Cracovia, 1990
- 4. INSTRUMENT FOR AUTOMATIC SURVEY LFE The automatic survey LFE, Firenze, 1995