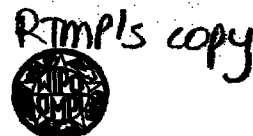


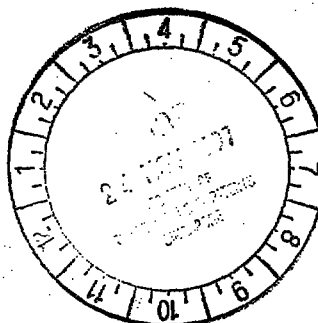
PCT

WORLD INTELLECTUAL PROPERTY ORGANIZATION
International Bureau

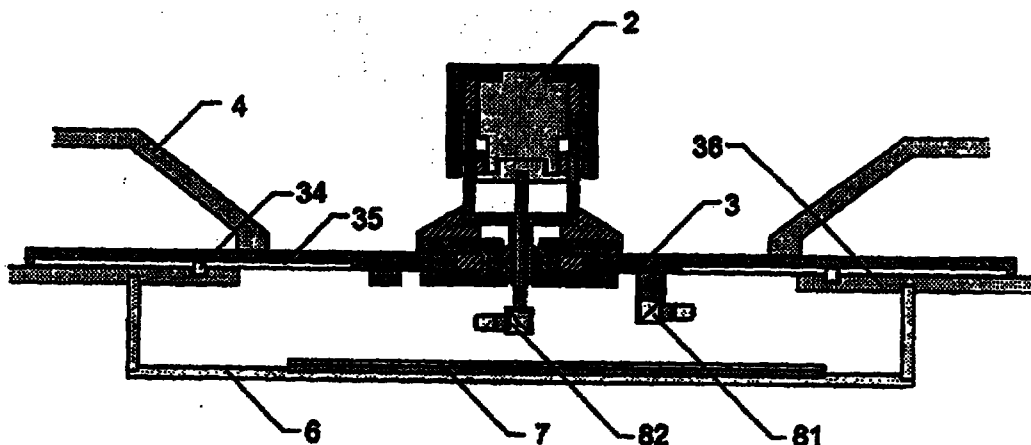


INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification ⁶: G06K 11/08, 11/18, G06F 3/033	A1	(11) International Publication Number: WO 96/31836 (43) International Publication Date: 10 October 1996 (10.10.96)
(21) International Application Number: PCT/NO96/00077 (22) International Filing Date: 3 April 1996 (03.04.96) (30) Priority Data: 951274 3 April 1995 (03.04.95) NO (71)(72) Applicant and Inventor: PEDERSEN, Steinar [NO/NO]; Kalkfjellet 21, N-1370 Asker (NO).	(81) Designated States: CN, JP, KR, SG, US, European patent (AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE). Published <i>With international search report. Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.</i>	



(54) Title: CURSOR CONTROL DEVICE FOR 2-D AND 3-D APPLICATIONS



(57) Abstract

A device for remote positioning and control of graphic representations of objects (e.g. cursors) projected on a computer screen or in a "virtual space", and for control of physical objects e.g. in robotics; comprising a finger- or hand-grippable member (2) resiliently mounted on a plate support (3) functioning as control elements, and means for determining the spatial orientation of the control elements relative to reference planes, utilising laser beams and addressable sensor arrays (7); and further means for translating said position information to electronic signals indicative thereof, said signals being provided to an object control means.