cal plotters, processing nts with a ng environreises and

by external y financial grammetry pported as a challenge th tasks to lems.

dents are letry. The ents is an this paper, e General orking on Low Cost Digital Photogrammetric System for Education and Training

Shunji Murai Institute of Industrial Science University of Tokyo 7-22 Roppongi, Minatoku Tokyo, Japan Fax 81-3-479-2762

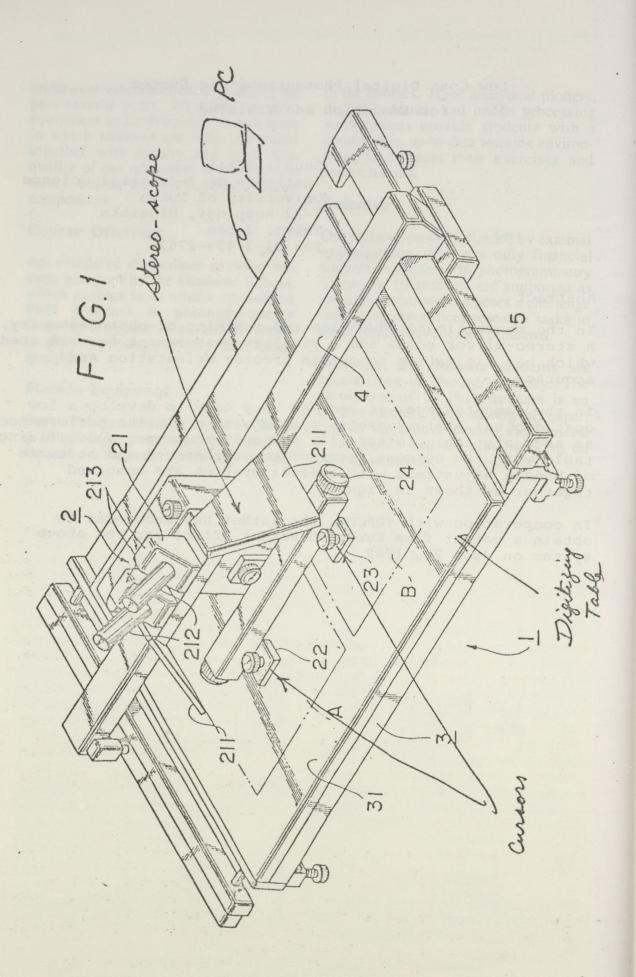
Abstract

In the conventional education and training of photogrammetry, a stereo-mirror scope and a parallax measurement bar are used, which has limitation to obtain precise orientation and accuracy.

In the computer age, it becomes very easy to develop a low cost digital photogrammetry system with a similar performance as an analytical plotter if a personal computer, a digitizing table with two cursors attached to stereoscope and software of bundle adjustment with selfcalibration are combined together as shown in Figure.

In cooperation with TOPCON, the author has succeeded to obtain a patent from European Patent Office for the above system on June 27, 1989.

46



Teo

Photresp Soci disc mapp impo howe ques stud prof

to e argumentech discontinuous the

respis a terrat l far surv lega diff give

* 77