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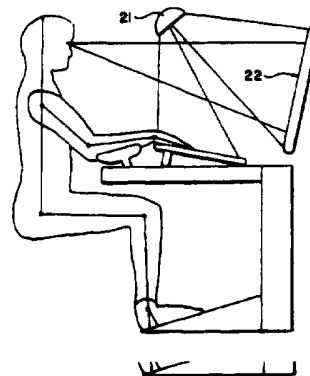
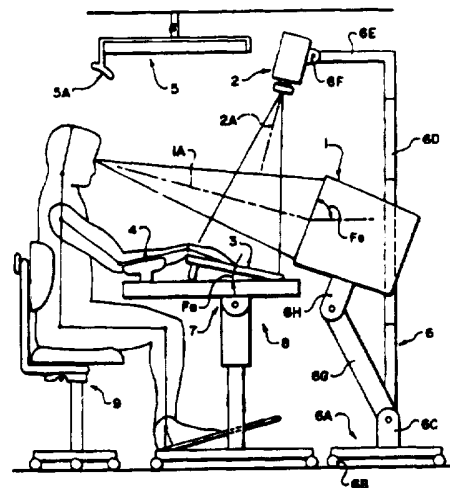
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(54) Title: MANUAL WORK STATION WITH INDIRECT OBSERVATION

(57) Abstract

A work station at which an operator can perform manual tasks using the hands is modified by the addition of an indirect viewing system which includes an image generating system looking downwardly onto a work surface at which the hands of the operator are placed and the screen placed behind the work surface and viewed by the operator looking above the work surface. The work surface is preferably tilted to provide a negative tilt away from the operator at an angle of the order of 7°. The screen is preferably positioned so that it is at or slightly below horizontal from the eyes of the operator. The image generating system is preferably a television camera which cooperates with a monitor, both of which are mounted on a stand movable to the work station and adjustable relative thereto.



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INTERNATIONAL SEARCH REPORT

International Application No
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A. CLASSIFICATION OF SUBJECT MATTER
IPC 6 A47B21/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 6 A47B G06F H04N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US,A,4 922 060 (MCJUNKIN) 1 May 1990 see the whole document ---	1,3-5, 8-10
A	US,A,5 120 117 (WILLIAMS) 9 June 1992 see column 1, line 25 - column 3, line 45 ---	1
A	DE,A,39 33 349 (KRENZ) 11 April 1991 * abstract *	1
A	DE,B,19 46 114 (PELZ) 10 December 1970 see figure 2 -----	1

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☒ Patent family members are listed in annex.

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INTERNATIONAL SEARCH REPORT

Information on patent family members

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US-A-4922060	01-05-90	WO-A- 9101523	07-02-91
US-A-5120117	09-06-92	NONE	
DE-A-3933349	11-04-91	NONE	
DE-B-1946114	10-12-70	NONE	