United States Patent [19]						
Umezawa et al.						
[54]	VIDEO 7	releh	PHONE EQUIPMENT			
[75]	Inventors	Kuri Nish	hi Umezawa, Tokyo; Hiroyuki yama, Yokohama; Takanori iyama, Mitaka; Kiyoshi Ishida, hama; Iwao Ishinabe, Koganei, all pan			
[73]	Assignee:	Hita	chi, Ltd., Japan			
[21]	Appl. No	.: 139, 7	700			
[22]	Filed:	Oct.	22, 1993			
[30]	[30] Foreign Application Priority Data					
Oct.	23, 1992	[JP]	Japan 4-286467			
[52]	U.S. Cl.	Search				
[56]	[56] References Cited					
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Patent Number:

5,491,507

Date of Patent: [45]

Feb. 13, 1996

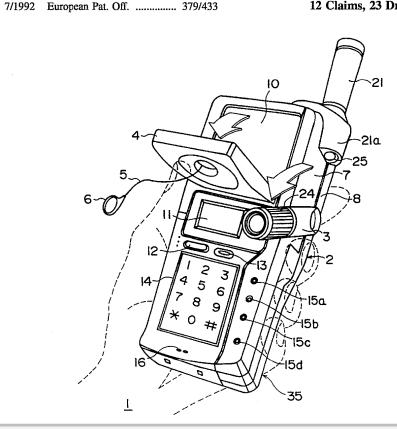
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Primary Examiner—Wing F. Chan Attorney, Agent, or Firm-Evenson, McKeown, Edwards &

[57] **ABSTRACT**

A handy type video telephone equipment which permits a user to transmit and receive pictures and speech with a casing held in one hand. A speaker is arranged at the upper end part of the front of the casing which is thin and vertically long, while a microphone is arranged at the lower end part thereof. A display panel and a control panel are interposed between the speaker and the microphone. A camera is mounted on the casing so as to be capable of altering its angle. The speaker is detachably mounted, and it is usable as an earphone when detached. The user's movements are not hampered during the transmission and reception, and the equipment can assume various communication or service attitudes conforming to the contents of information for the communications.

12 Claims, 23 Drawing Sheets





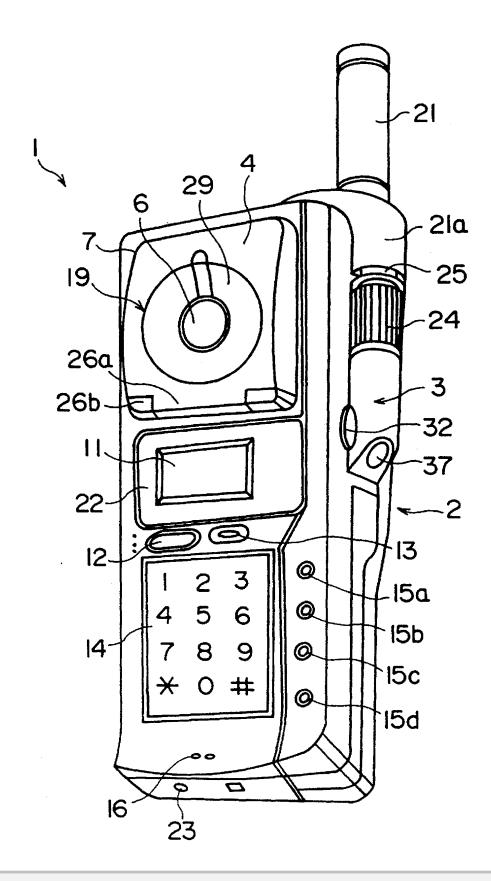
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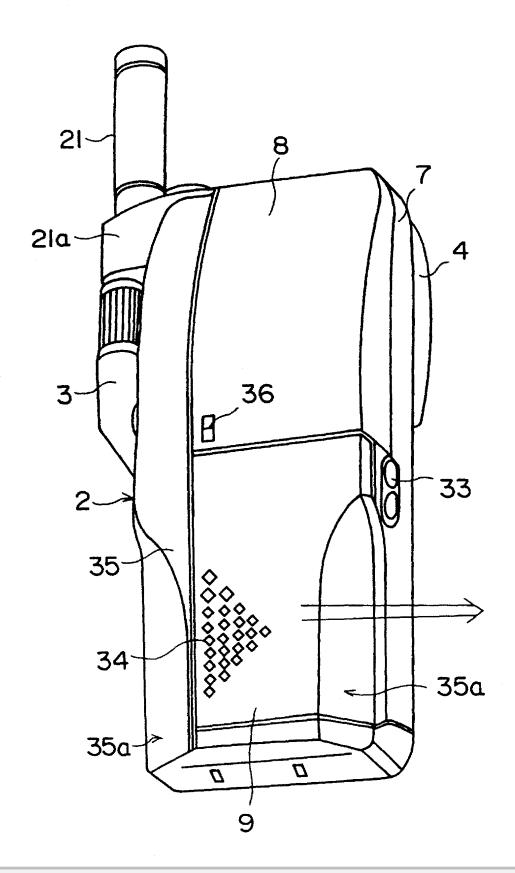
FIG.I



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FIG. 2

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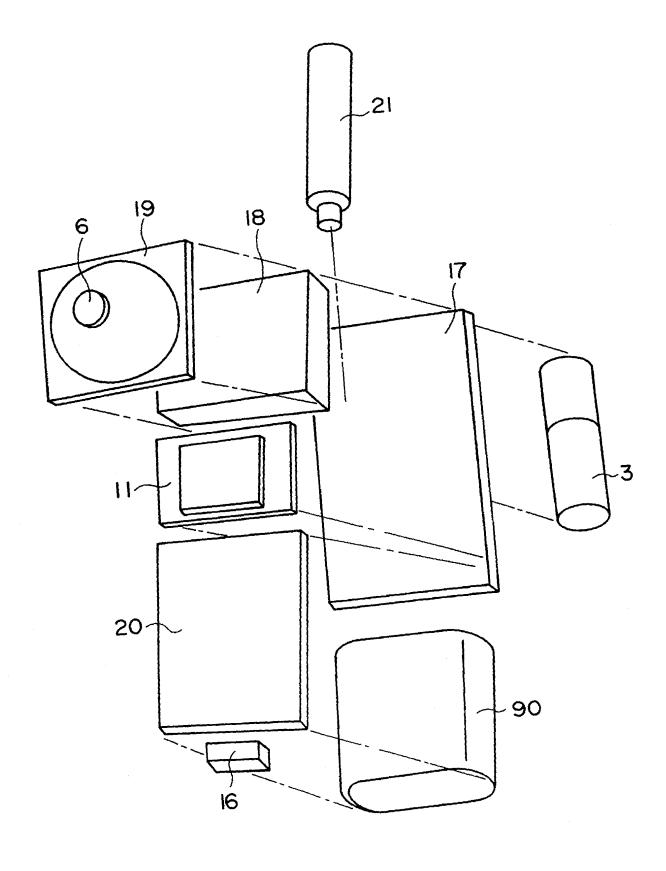




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FIG.3

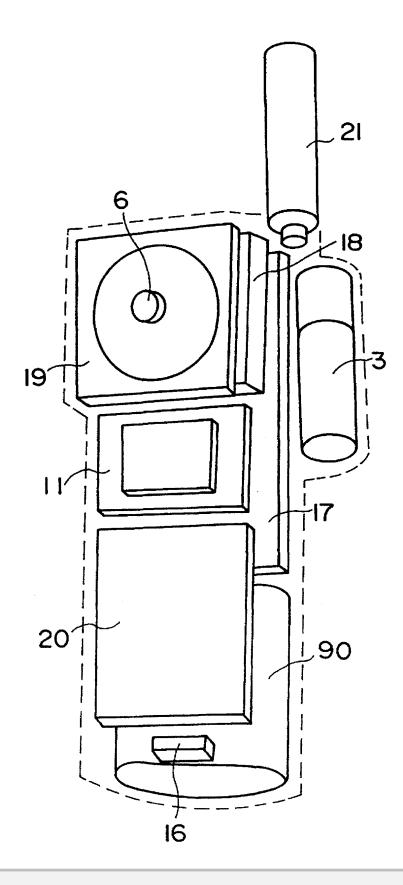




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FIG.4

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