

Fig. 1A

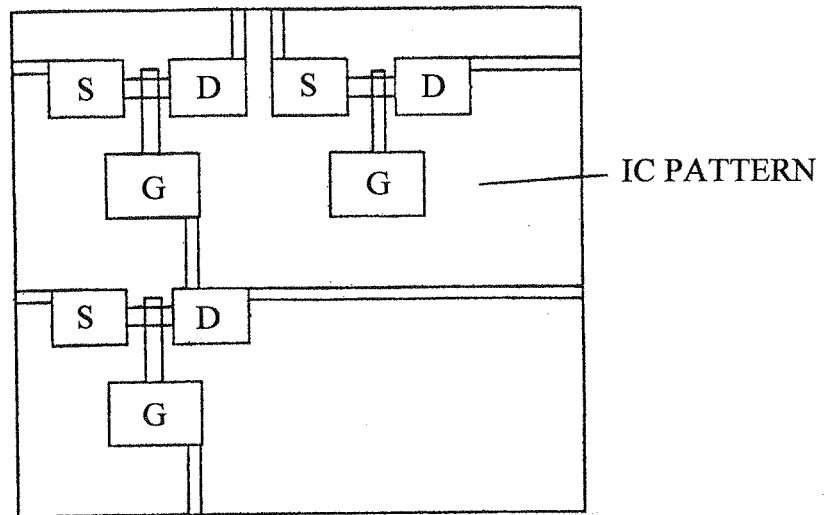
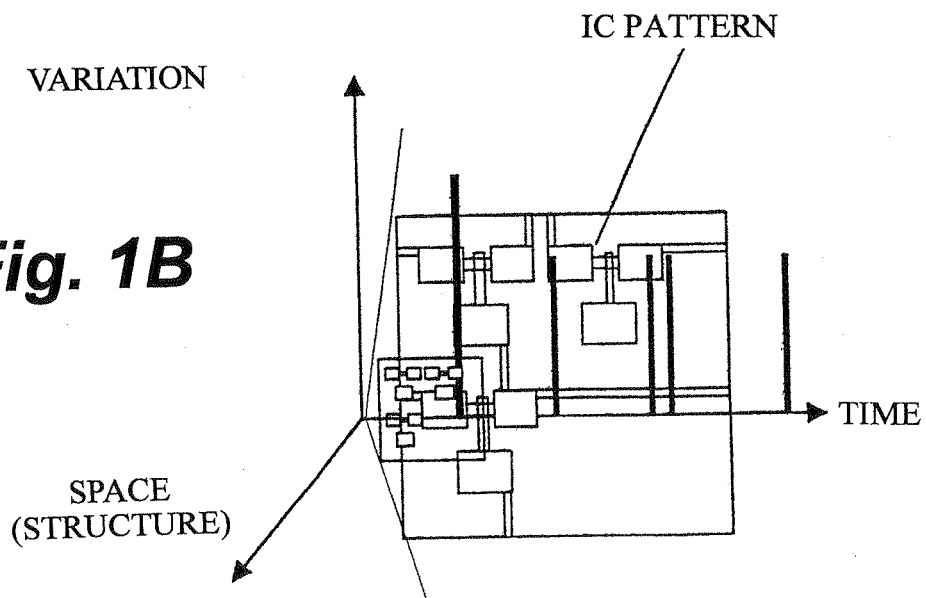


Fig. 1B



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Fig. 2A

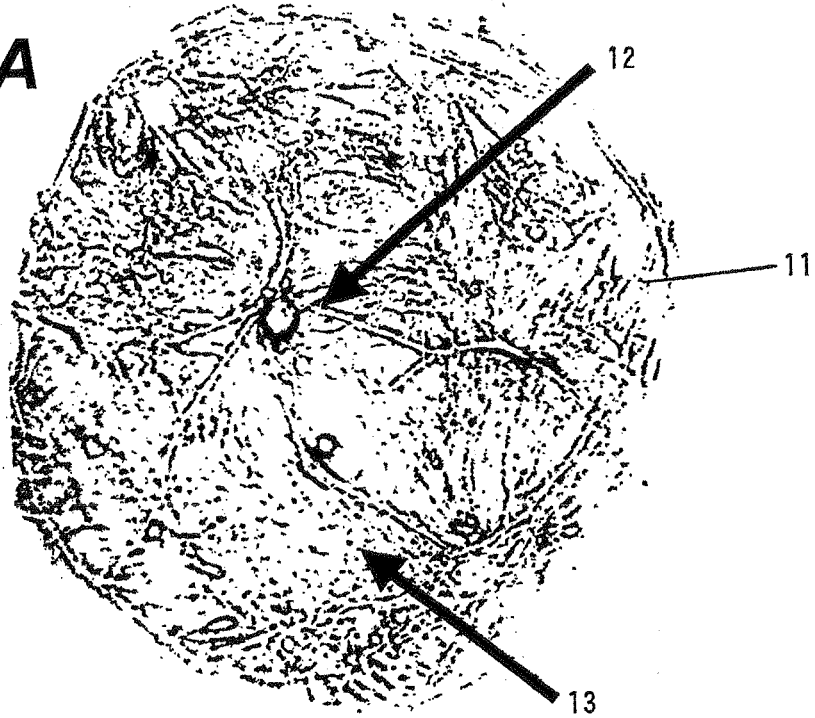


Fig. 2B

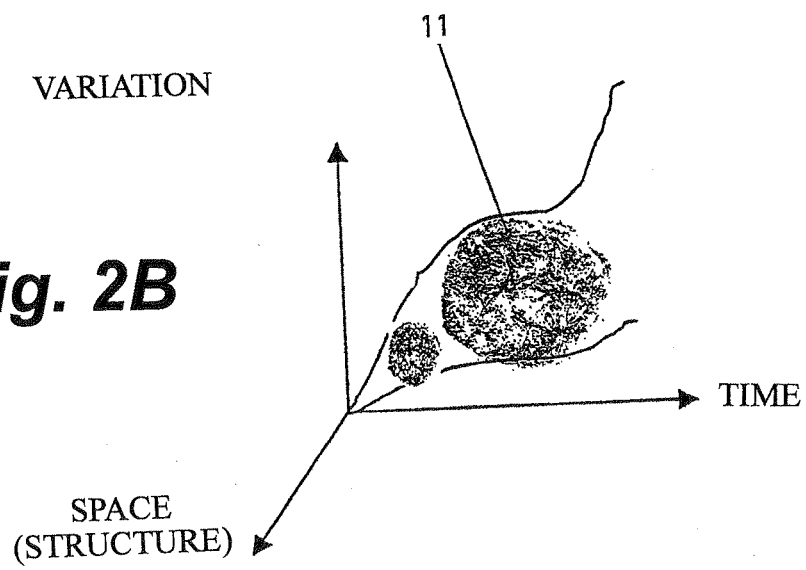


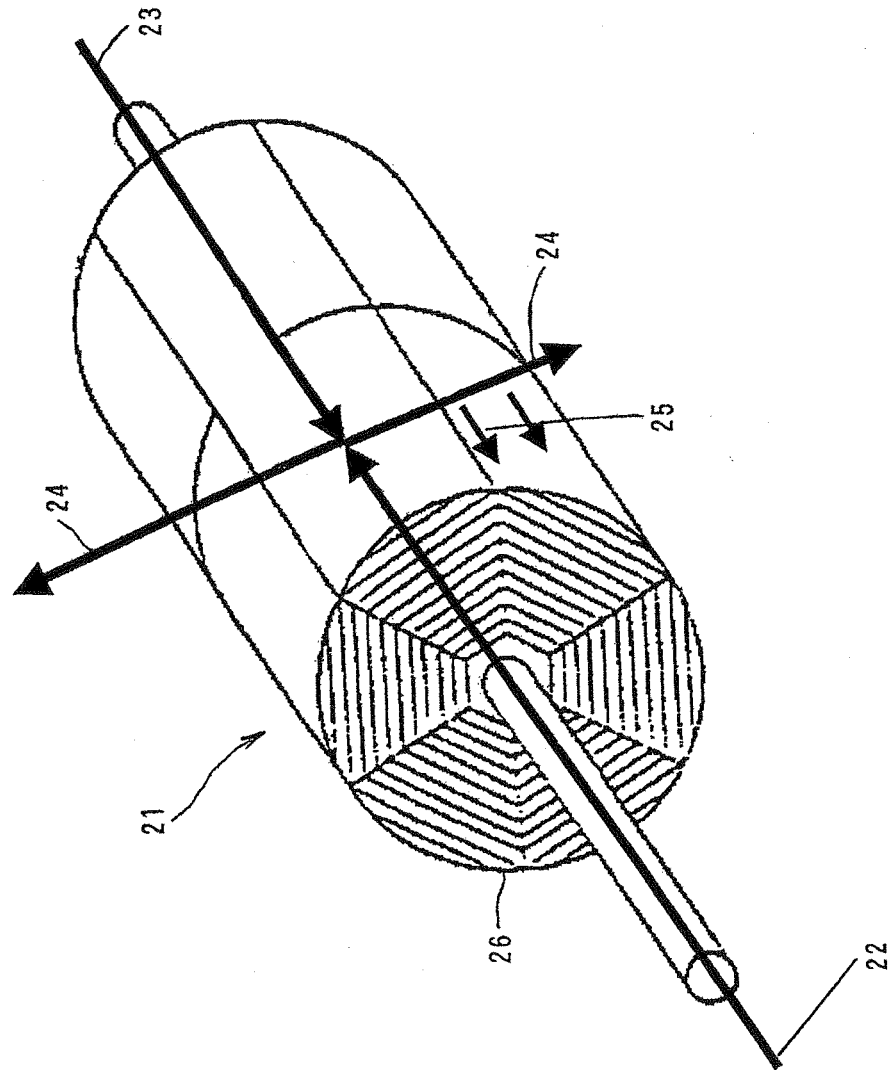
Fig. 3

Fig. 4

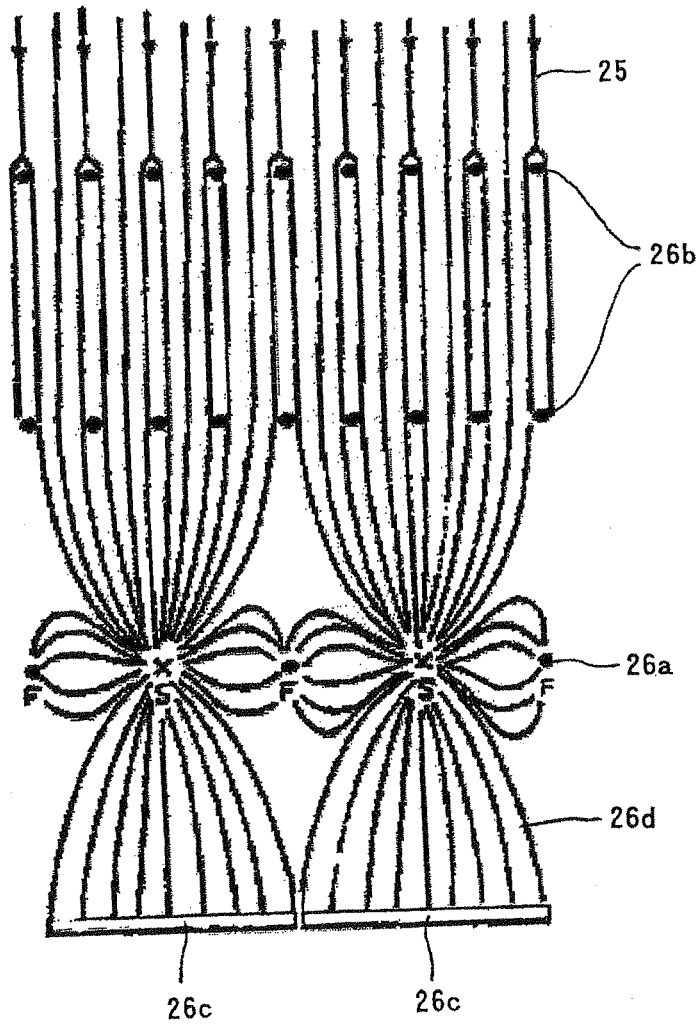
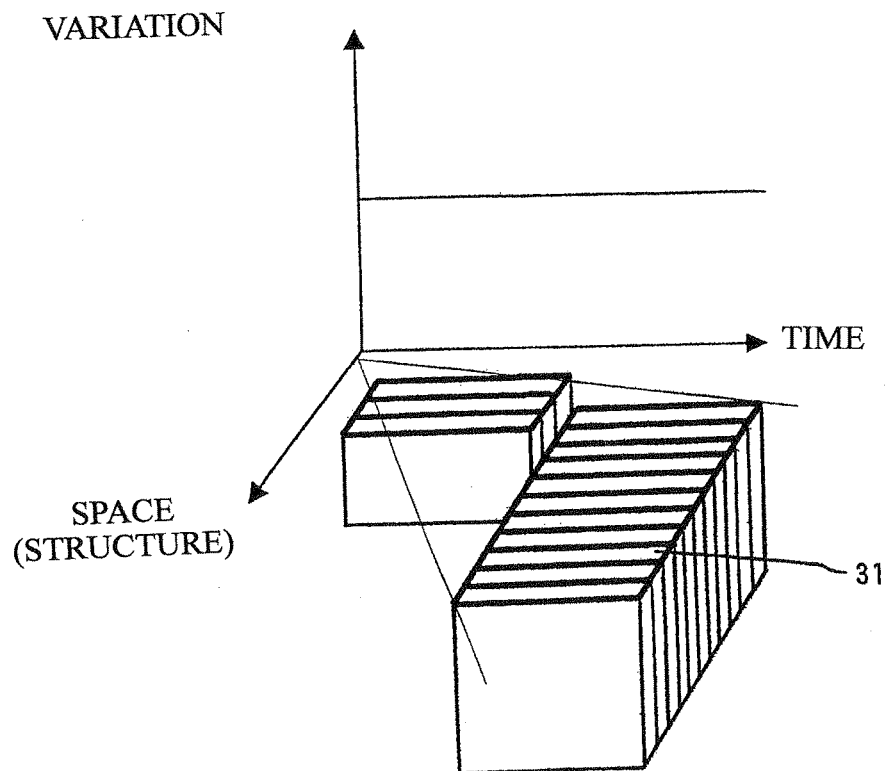


Fig. 5



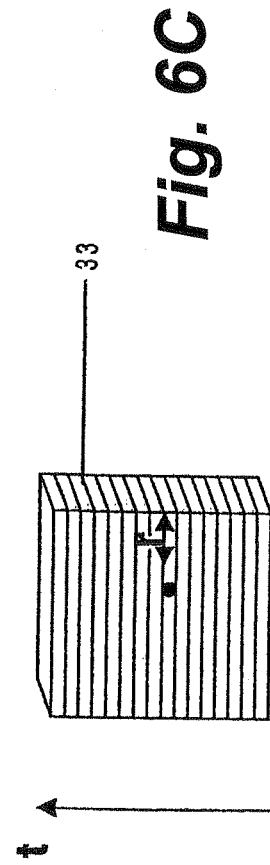
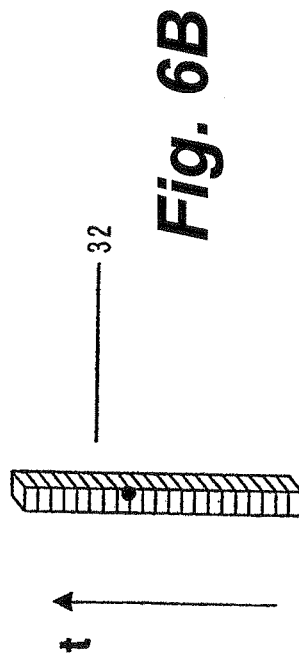
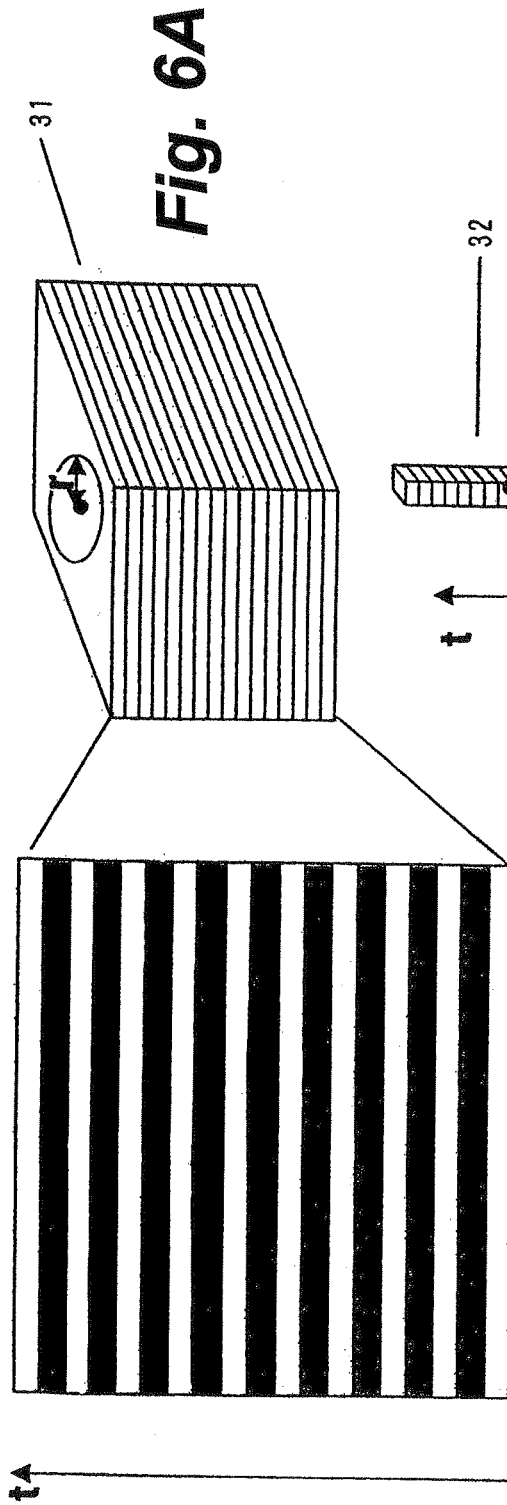


Fig. 7

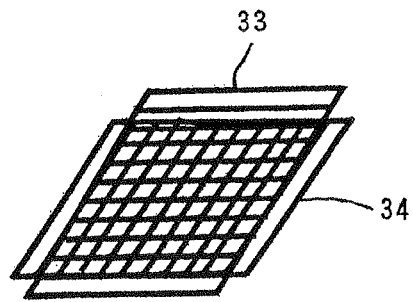


Fig. 8A



Fig. 8B

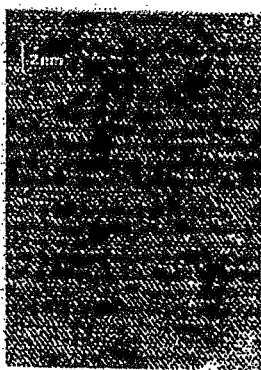


Fig. 8C

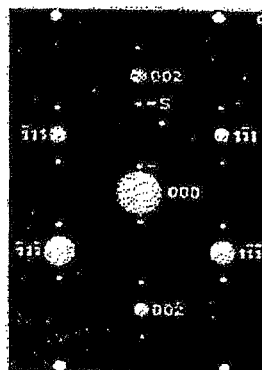
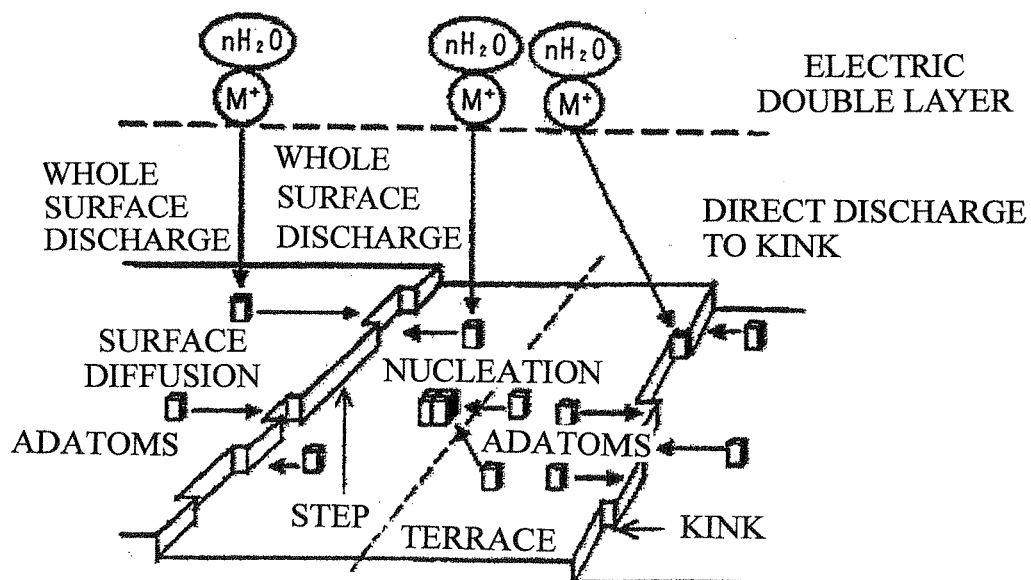


Fig. 9



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Fig. 10C

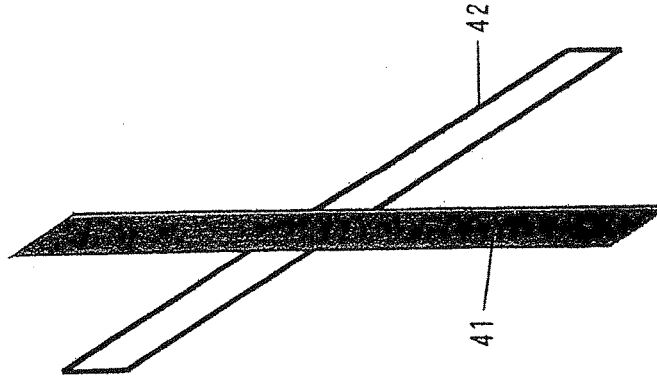


Fig. 10B

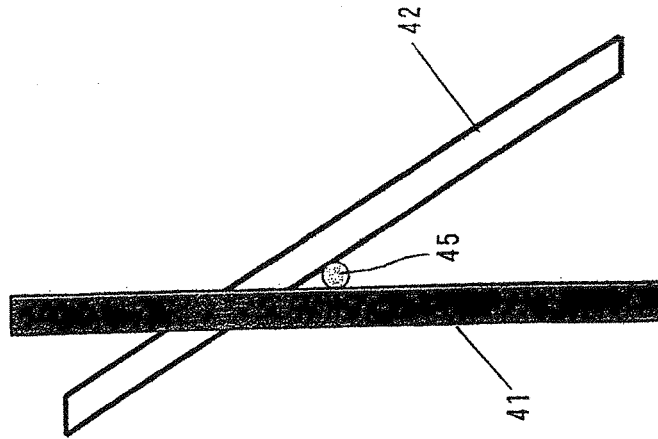
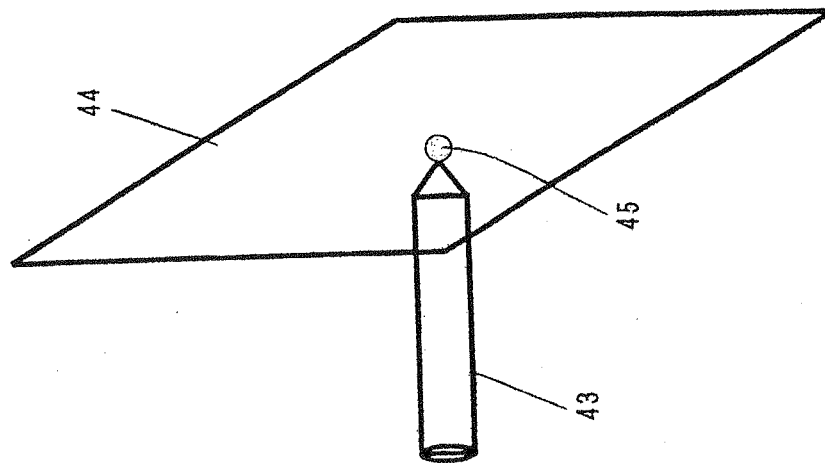


Fig. 10A



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Fig. 11

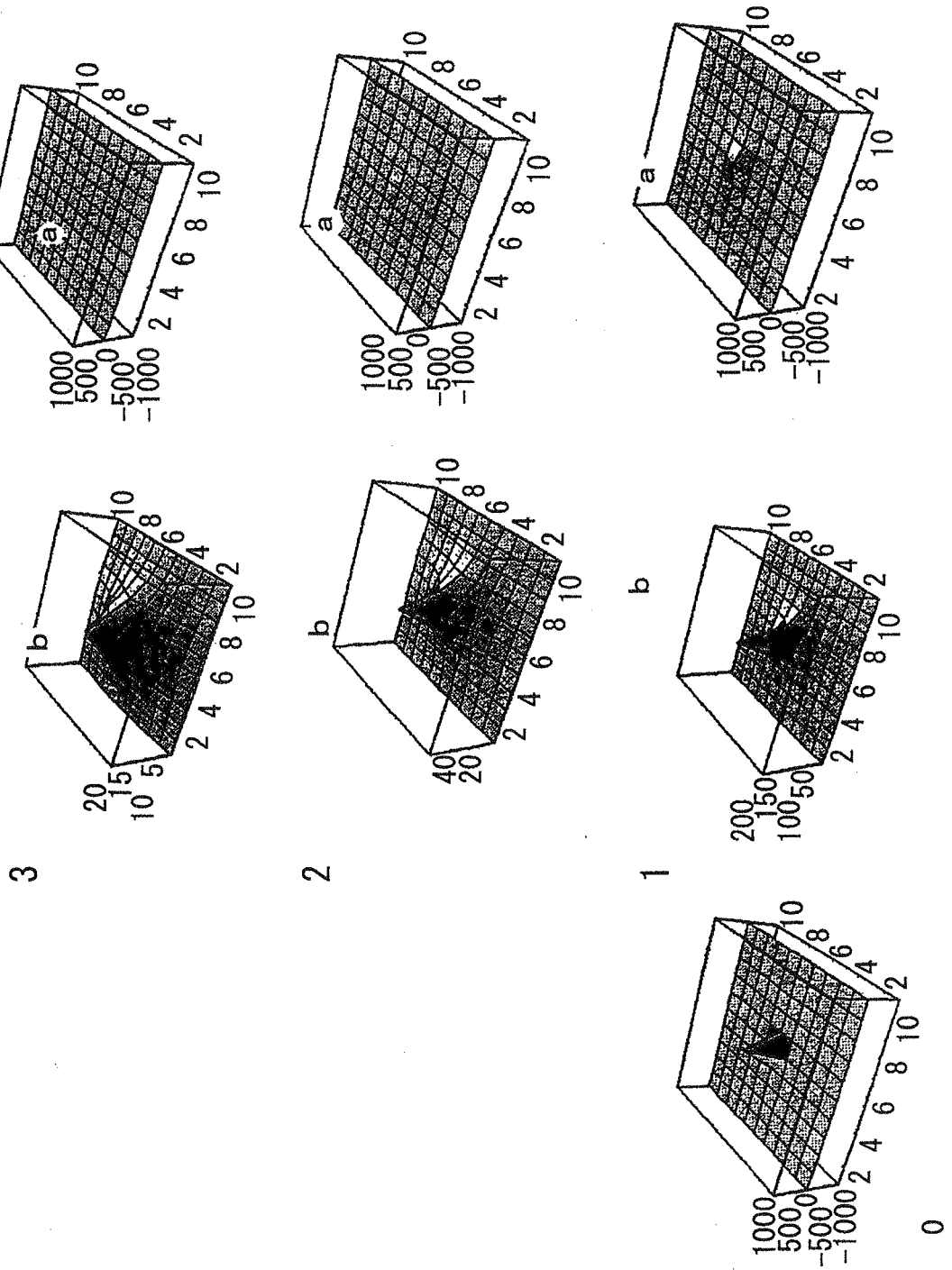


Fig. 12

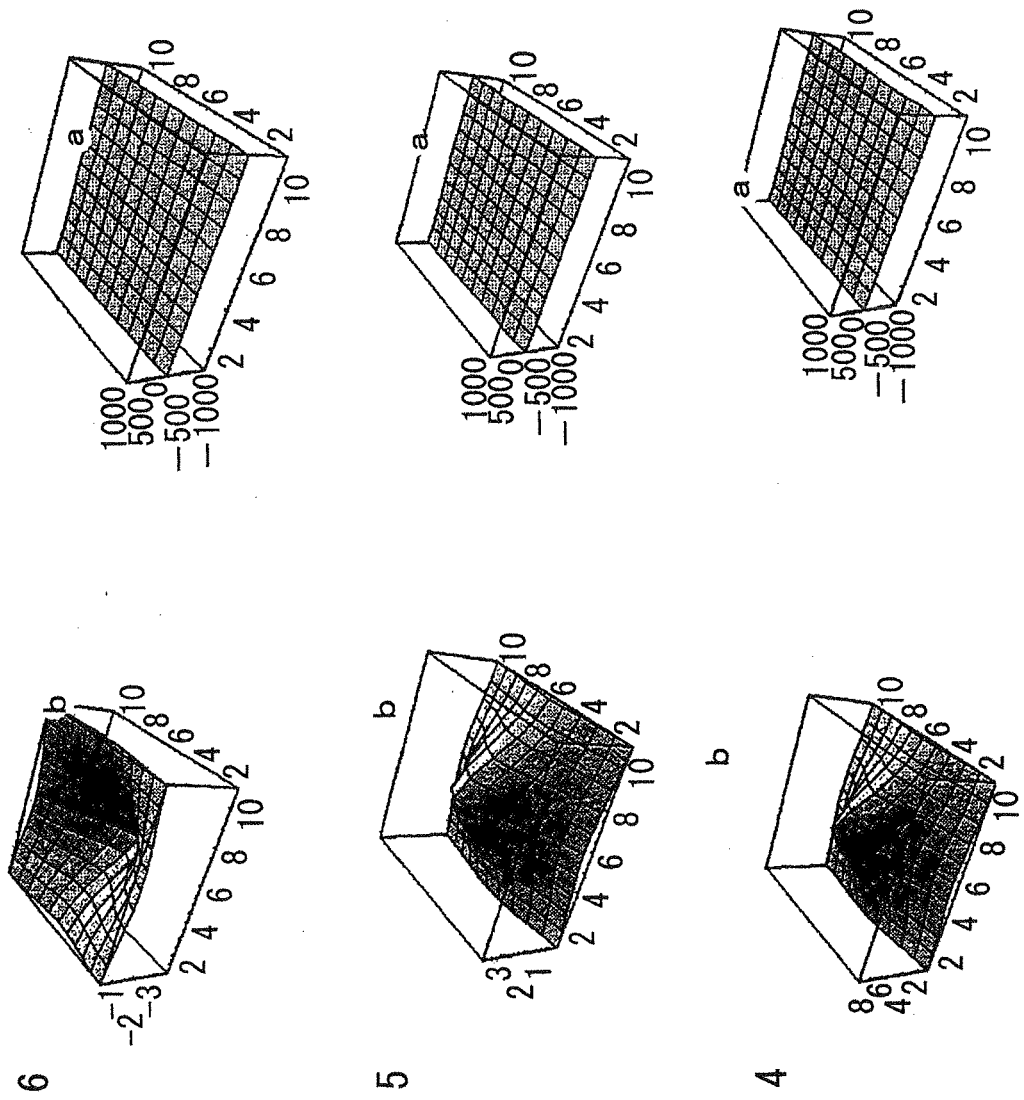


Fig. 13

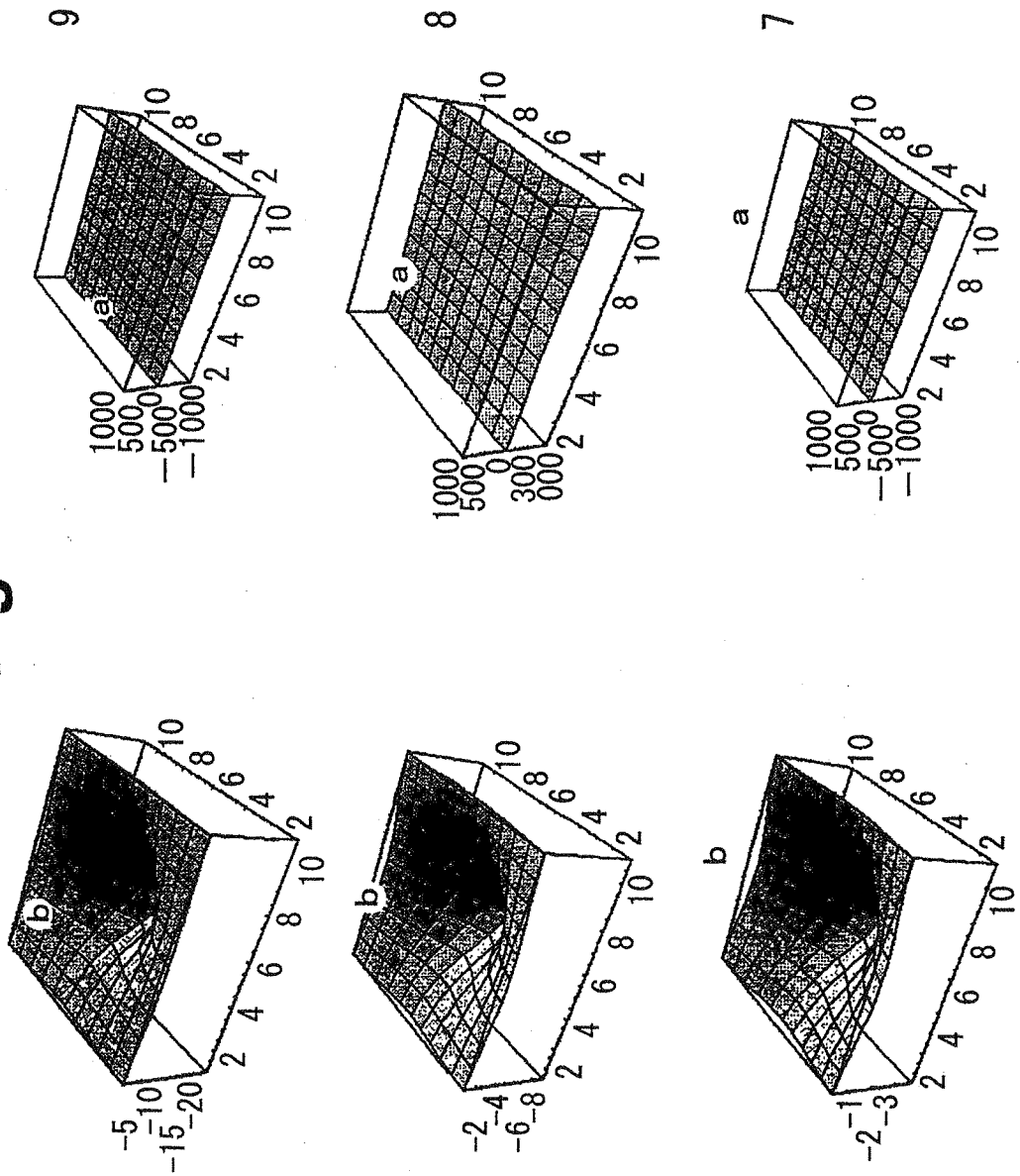


Fig. 14

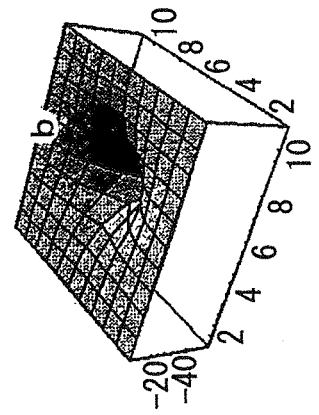
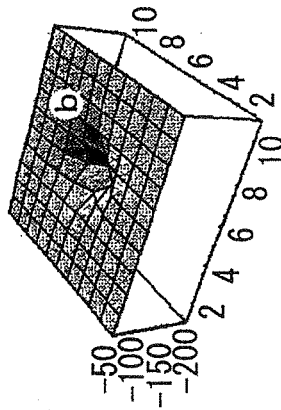
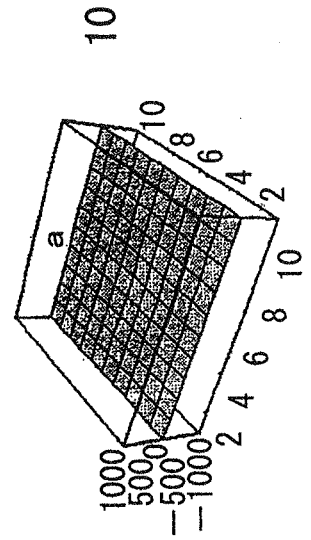
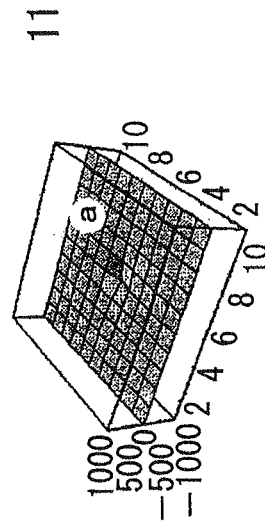
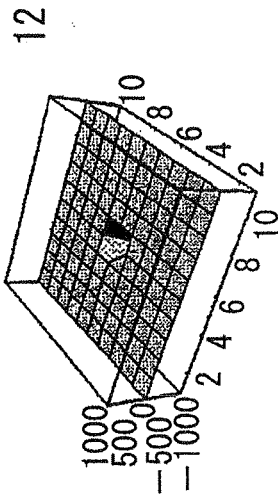


Fig. 15

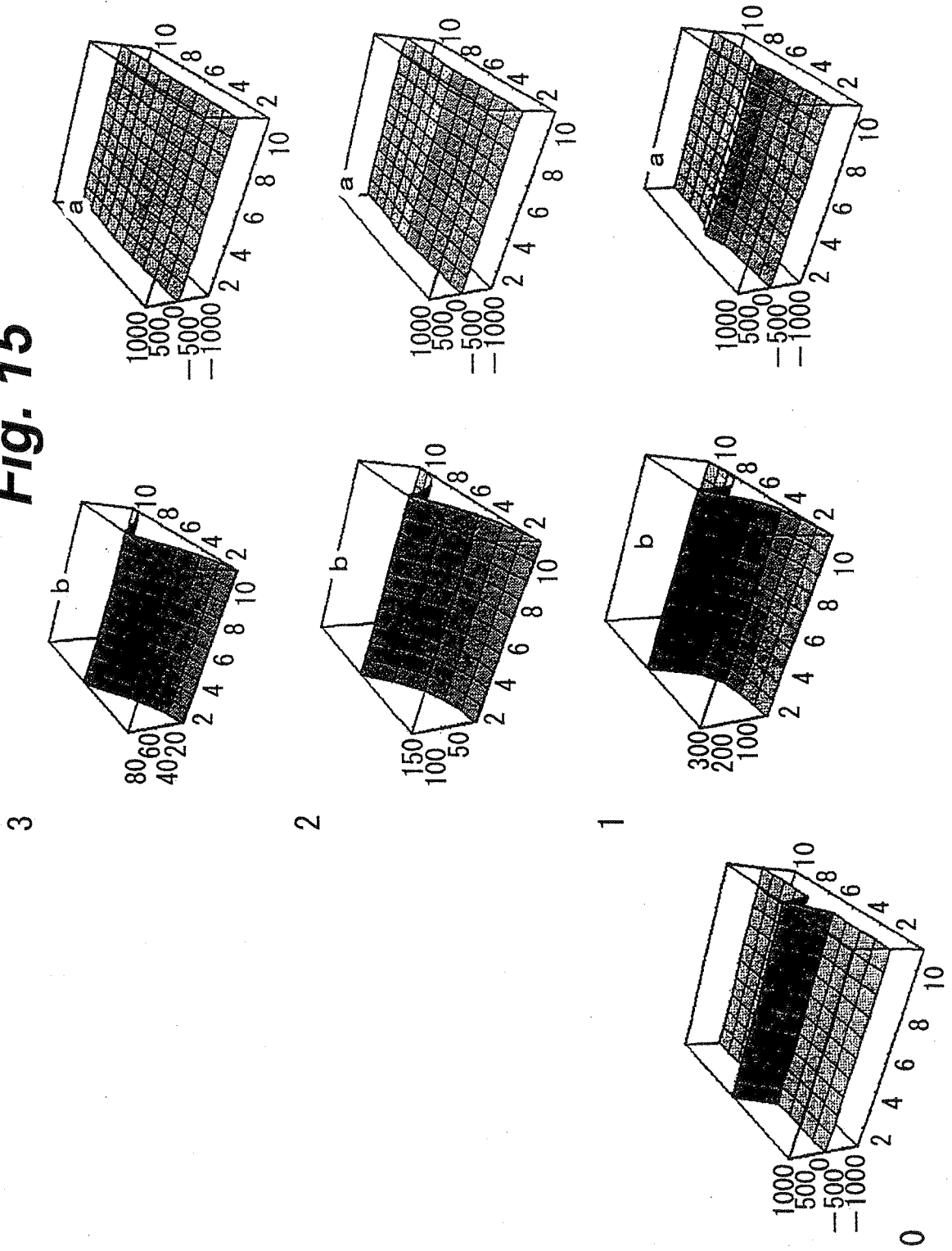


Fig. 16

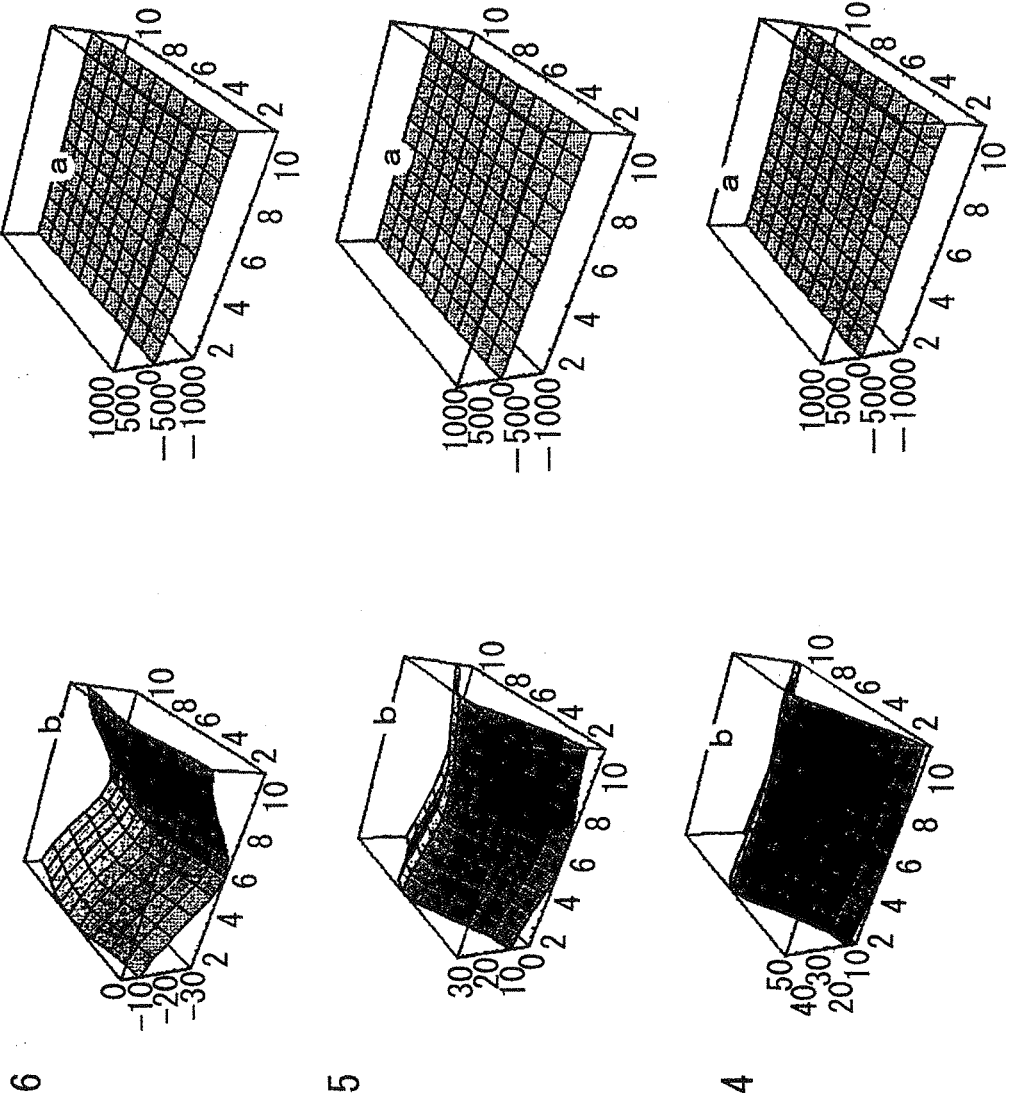


Fig. 17

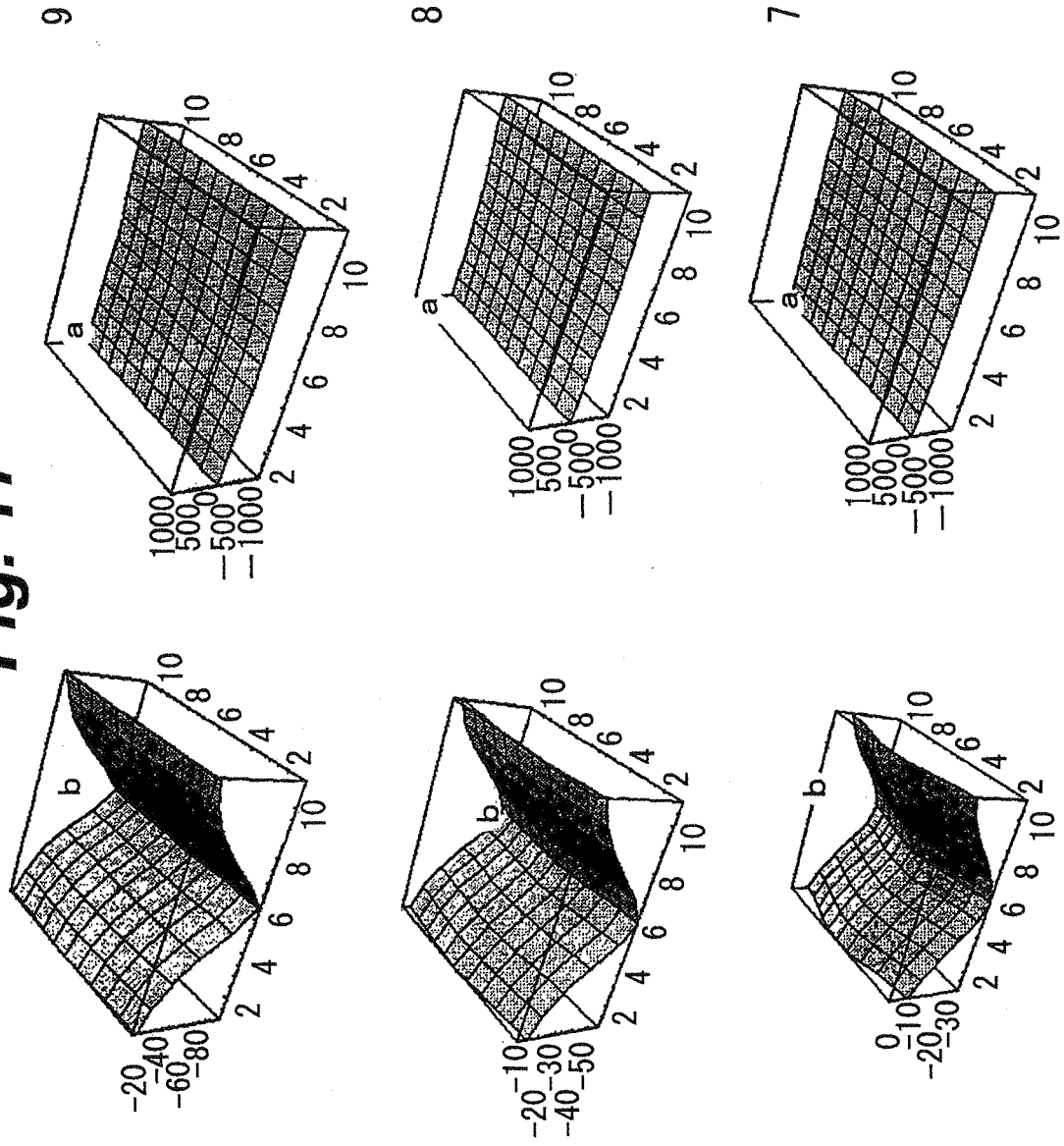


Fig. 18

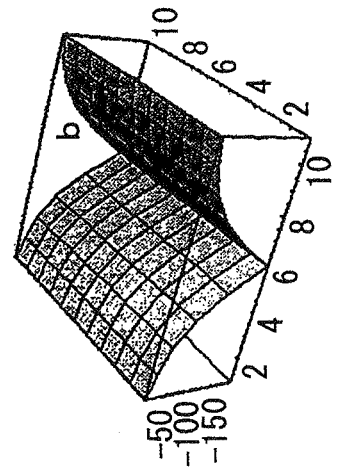
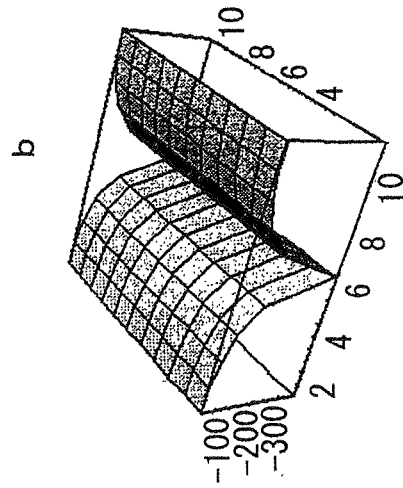
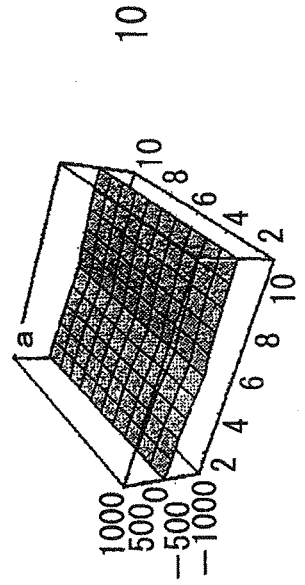
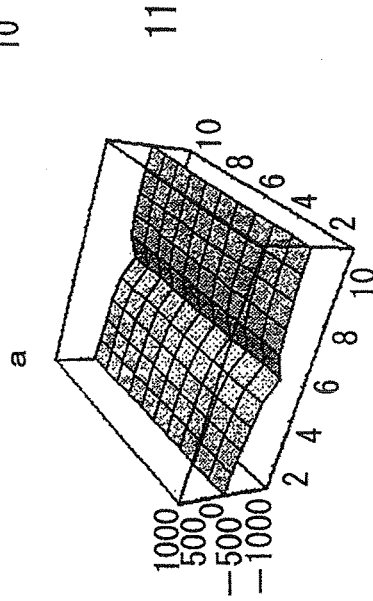
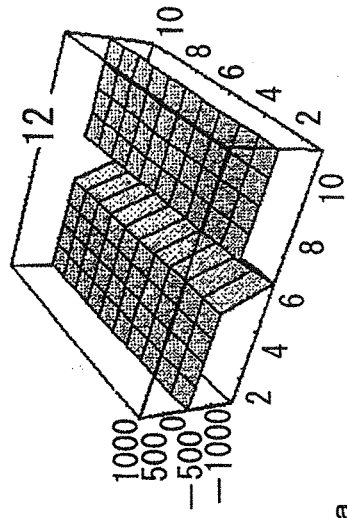
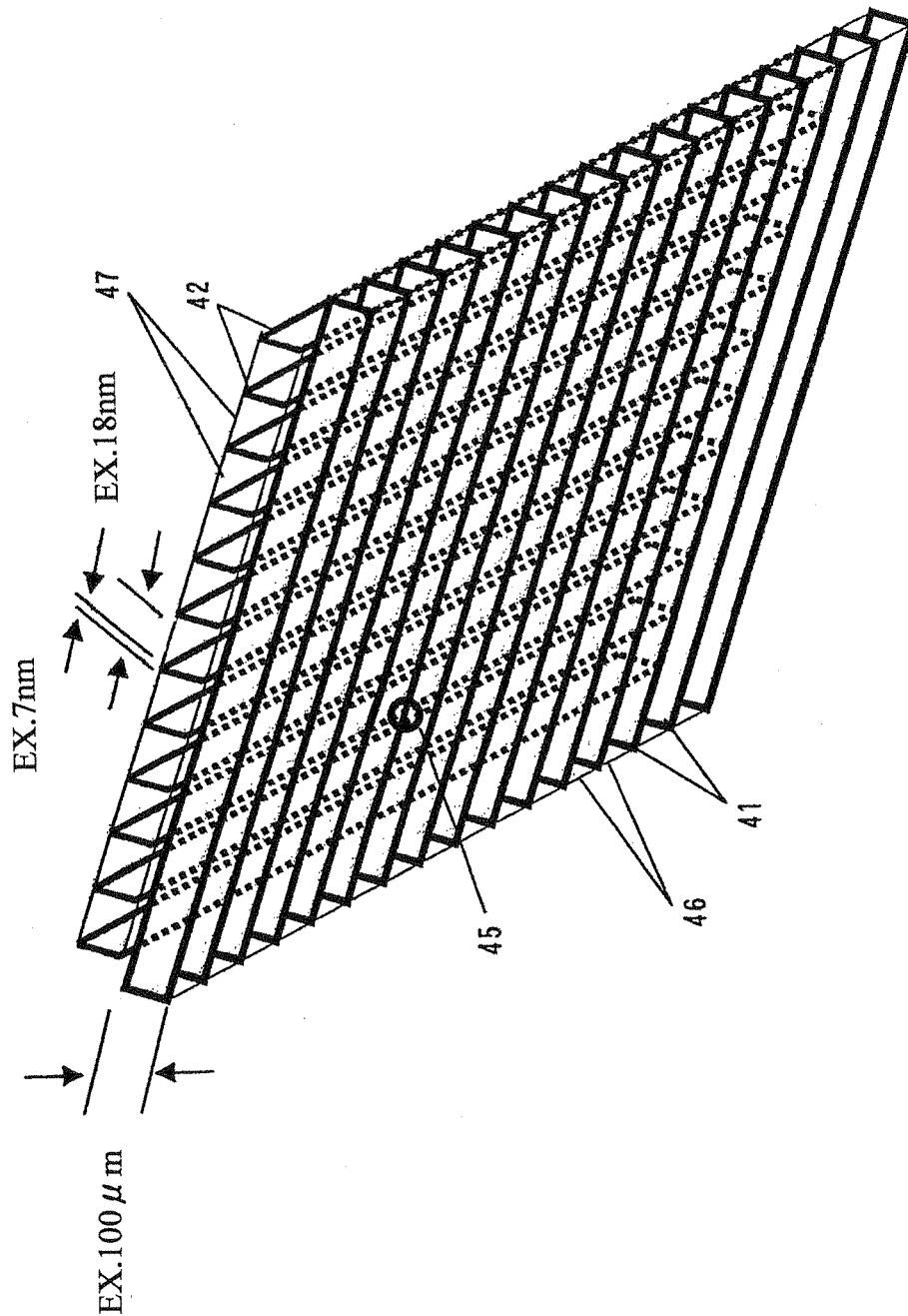


Fig. 19



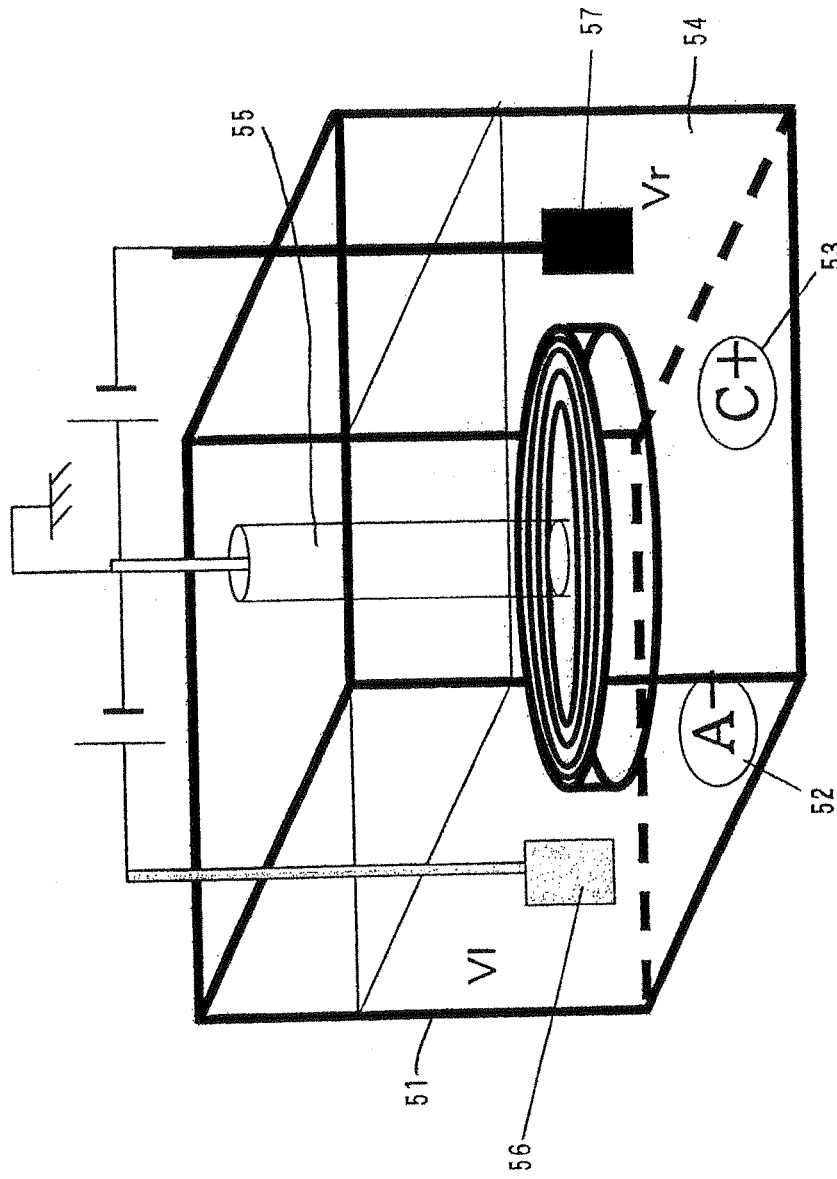


Fig. 20A

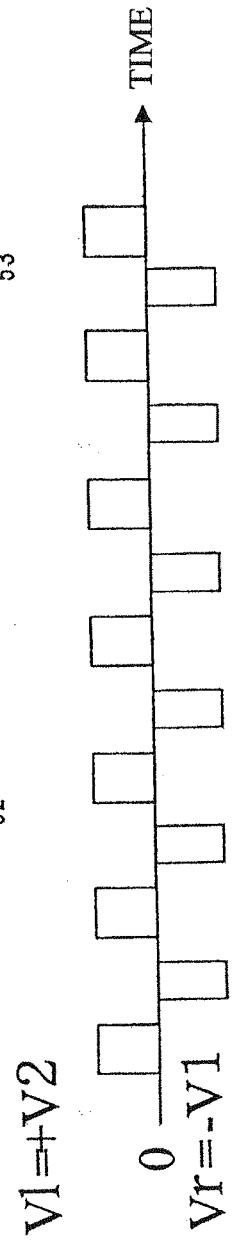


Fig. 20B

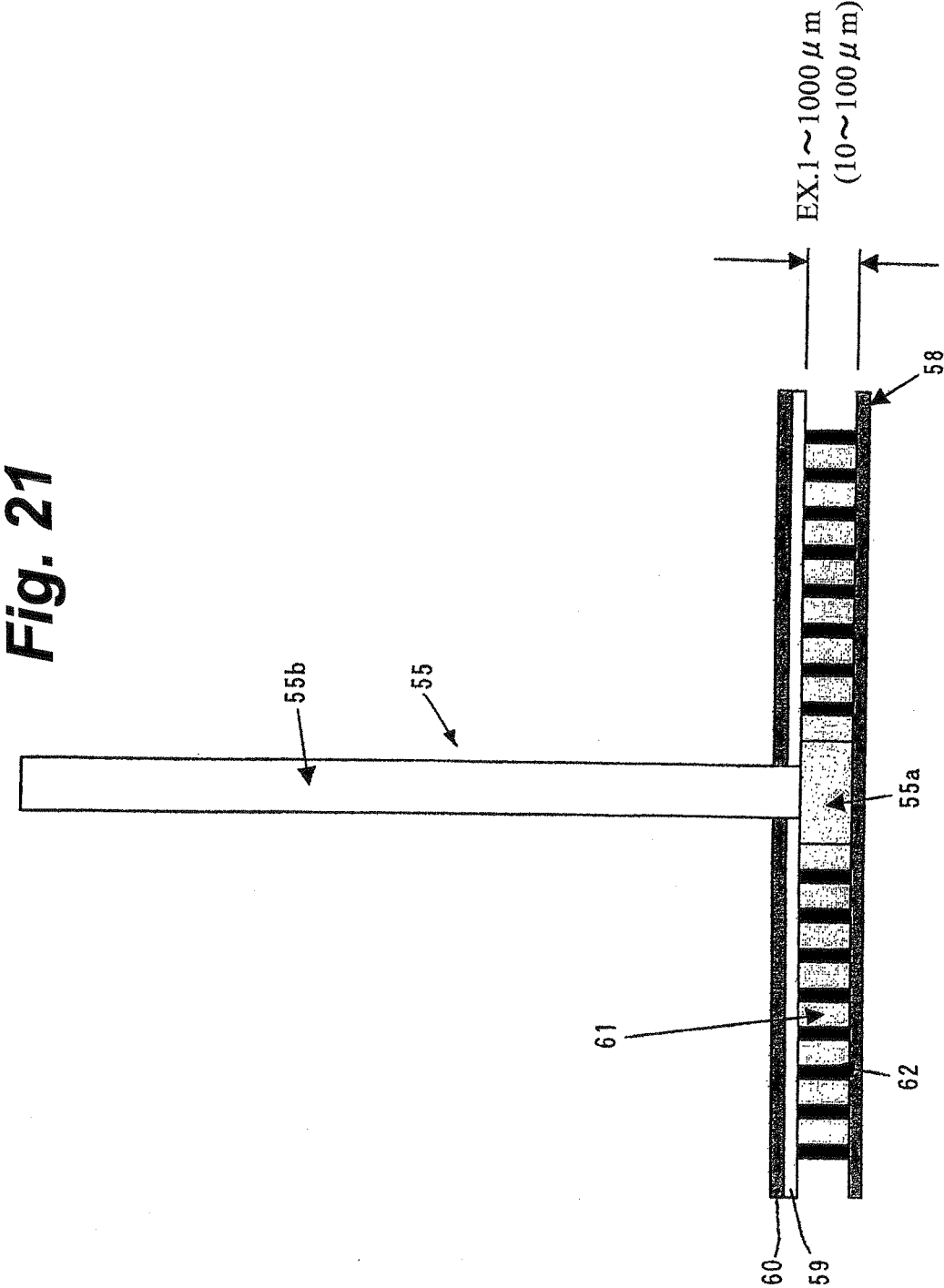


Fig. 22

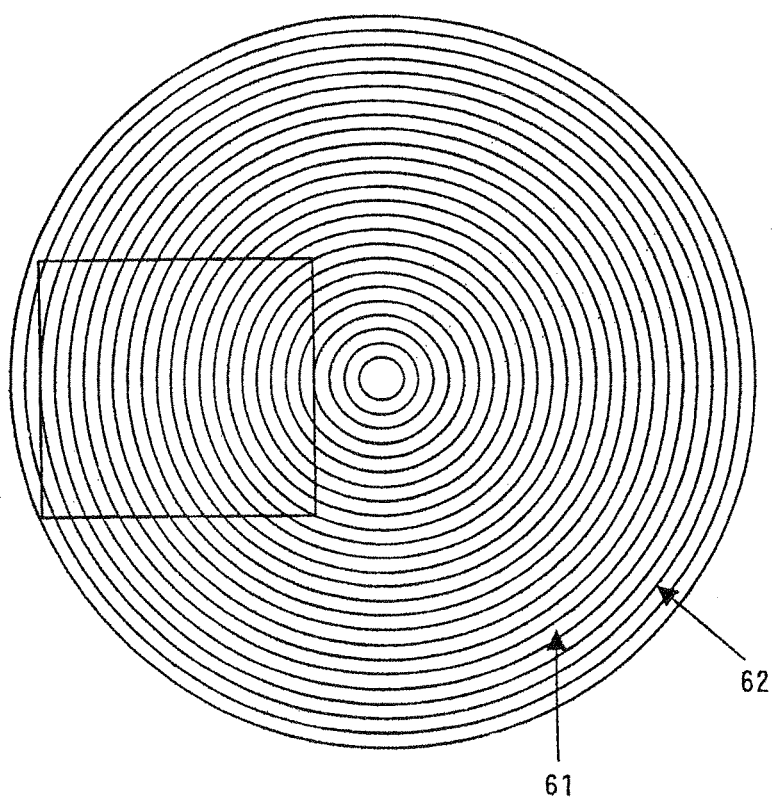


Fig. 23A

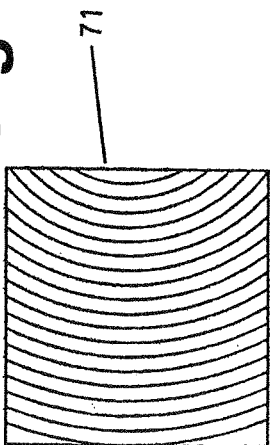


Fig. 23B

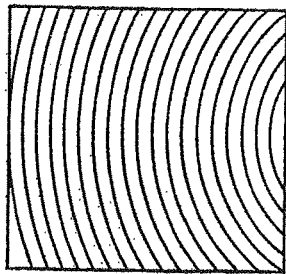
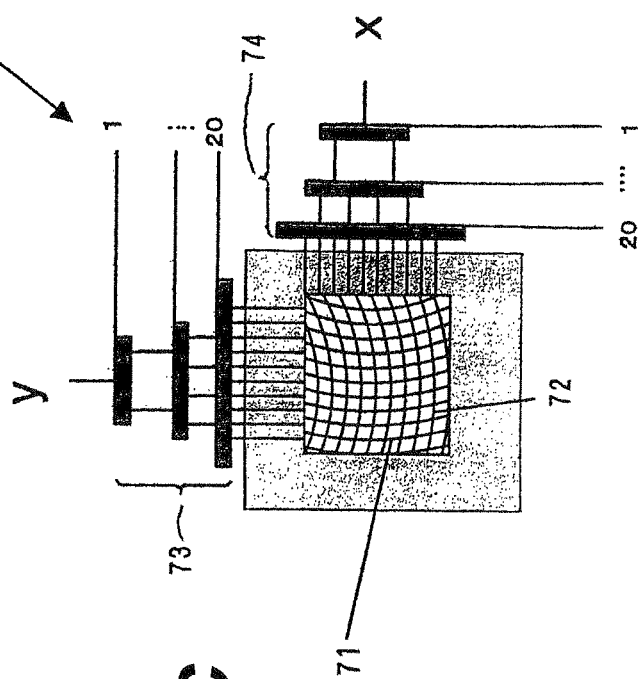


Fig. 23C



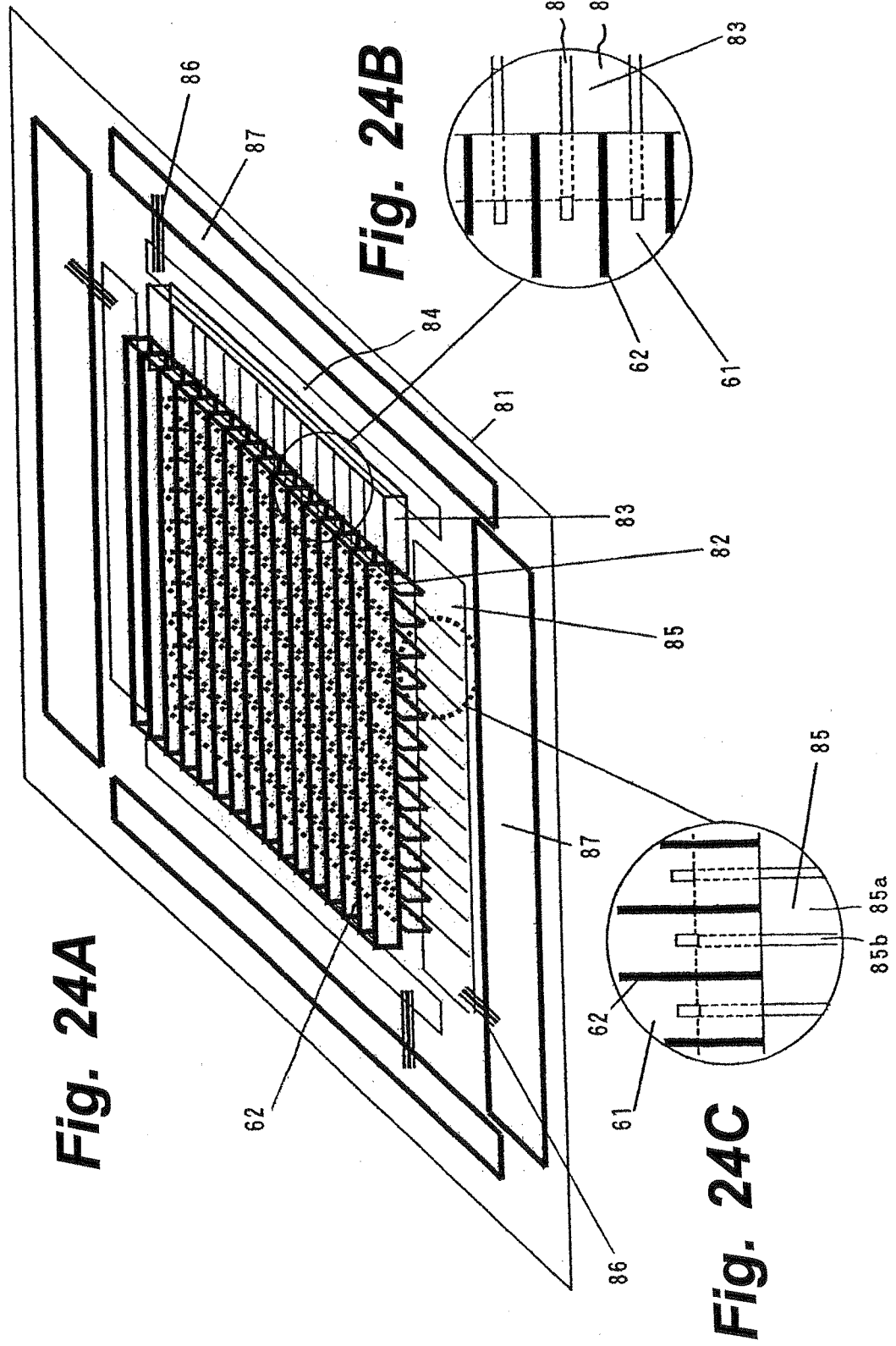


Fig. 25

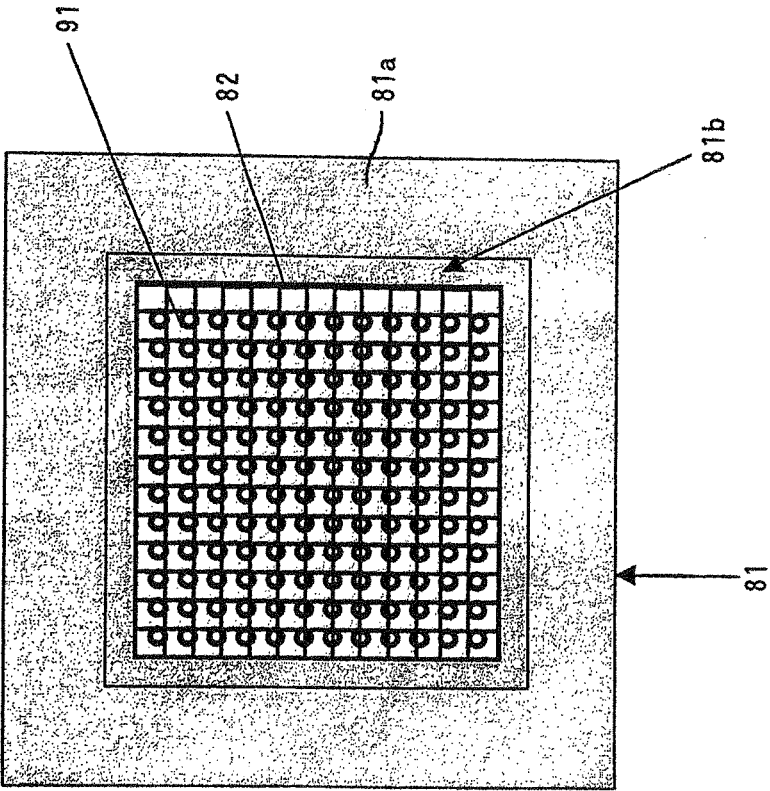
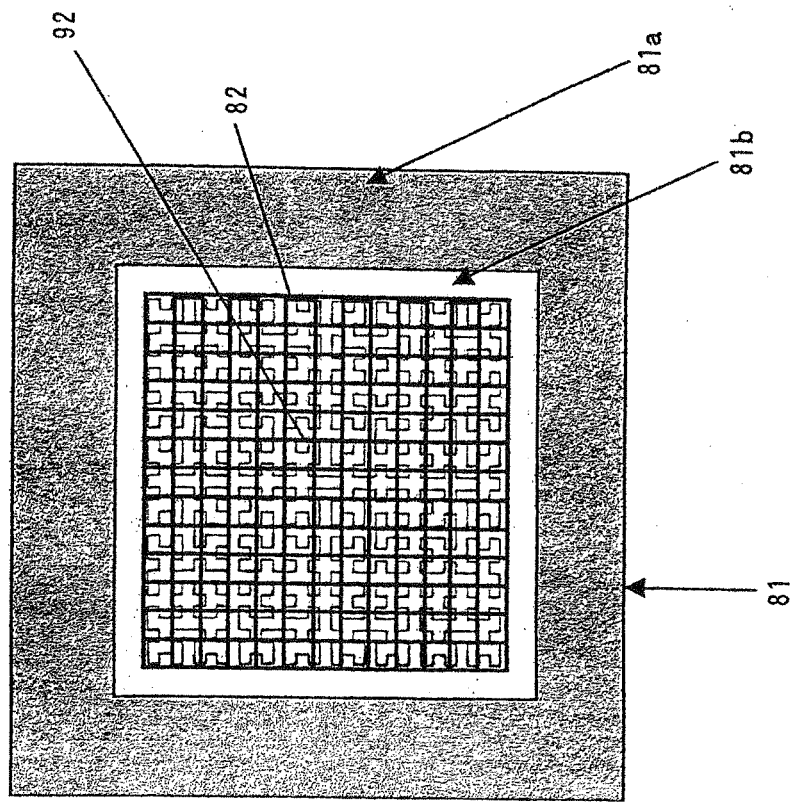


Fig. 26



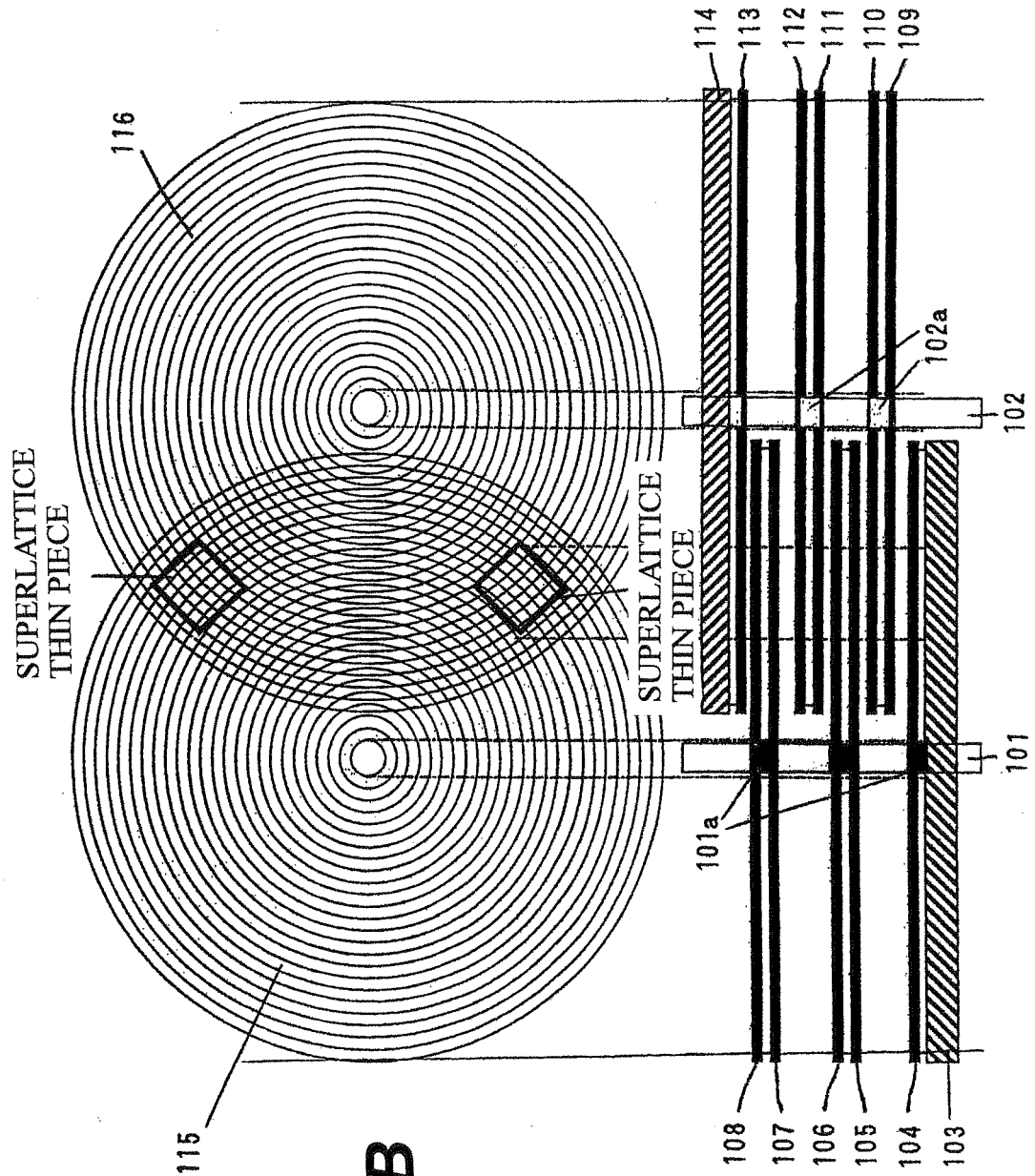


Fig. 27B

Fig. 27A

Fig. 29A

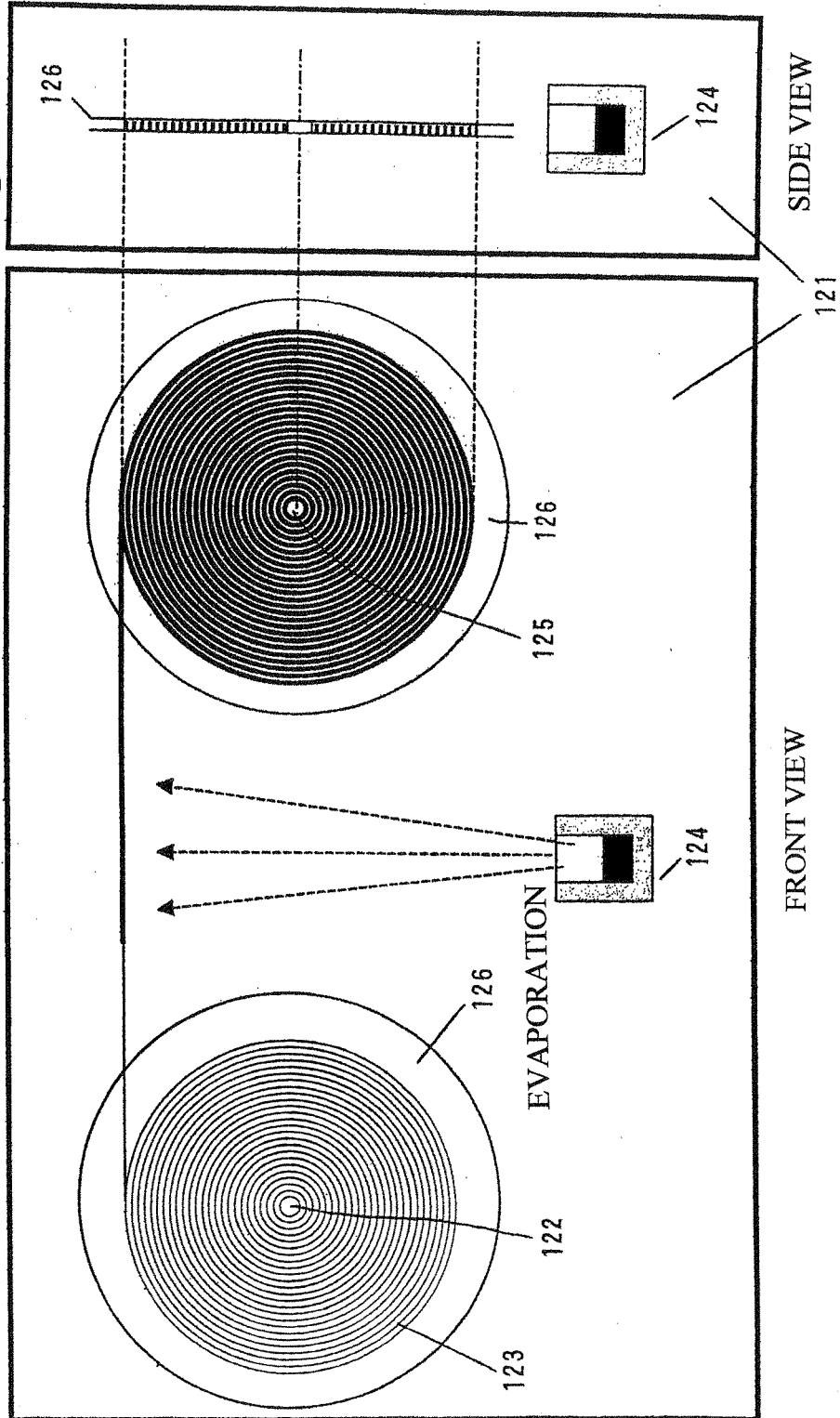


Fig. 29B

Fig. 30A

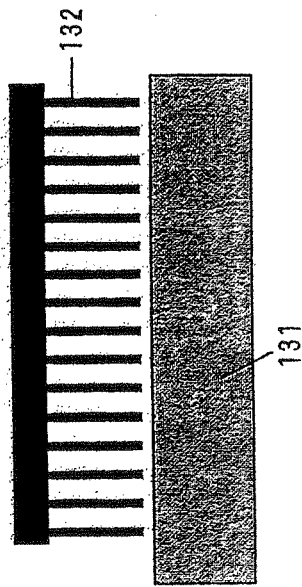


Fig. 30B

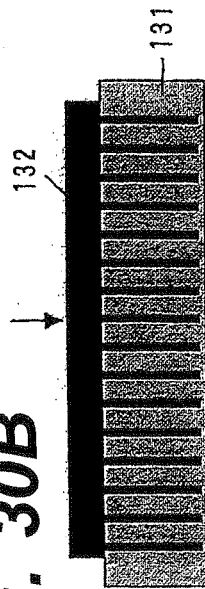


Fig. 30C

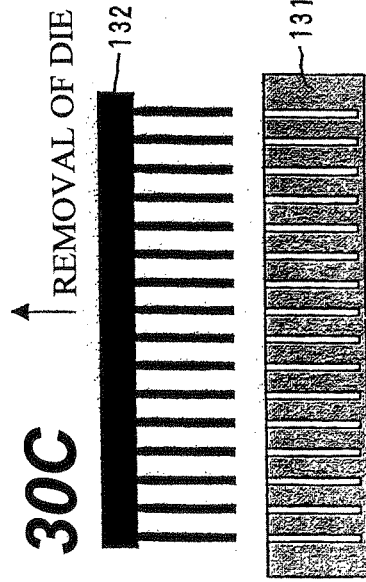


Fig. 30F

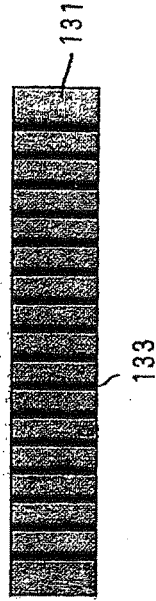


Fig. 30E

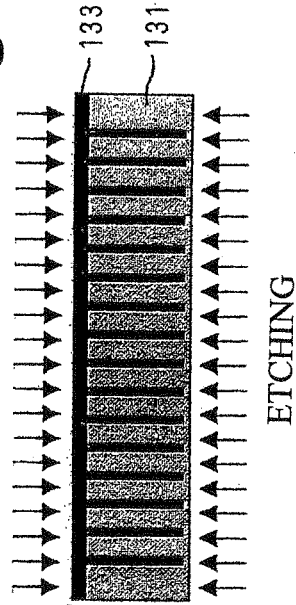


Fig. 30D

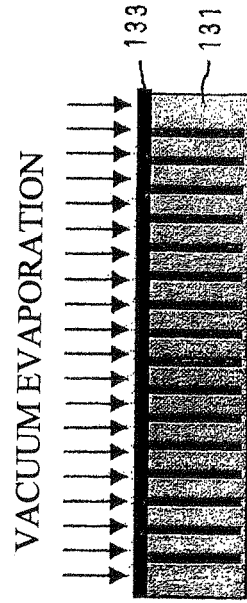


Fig. 31

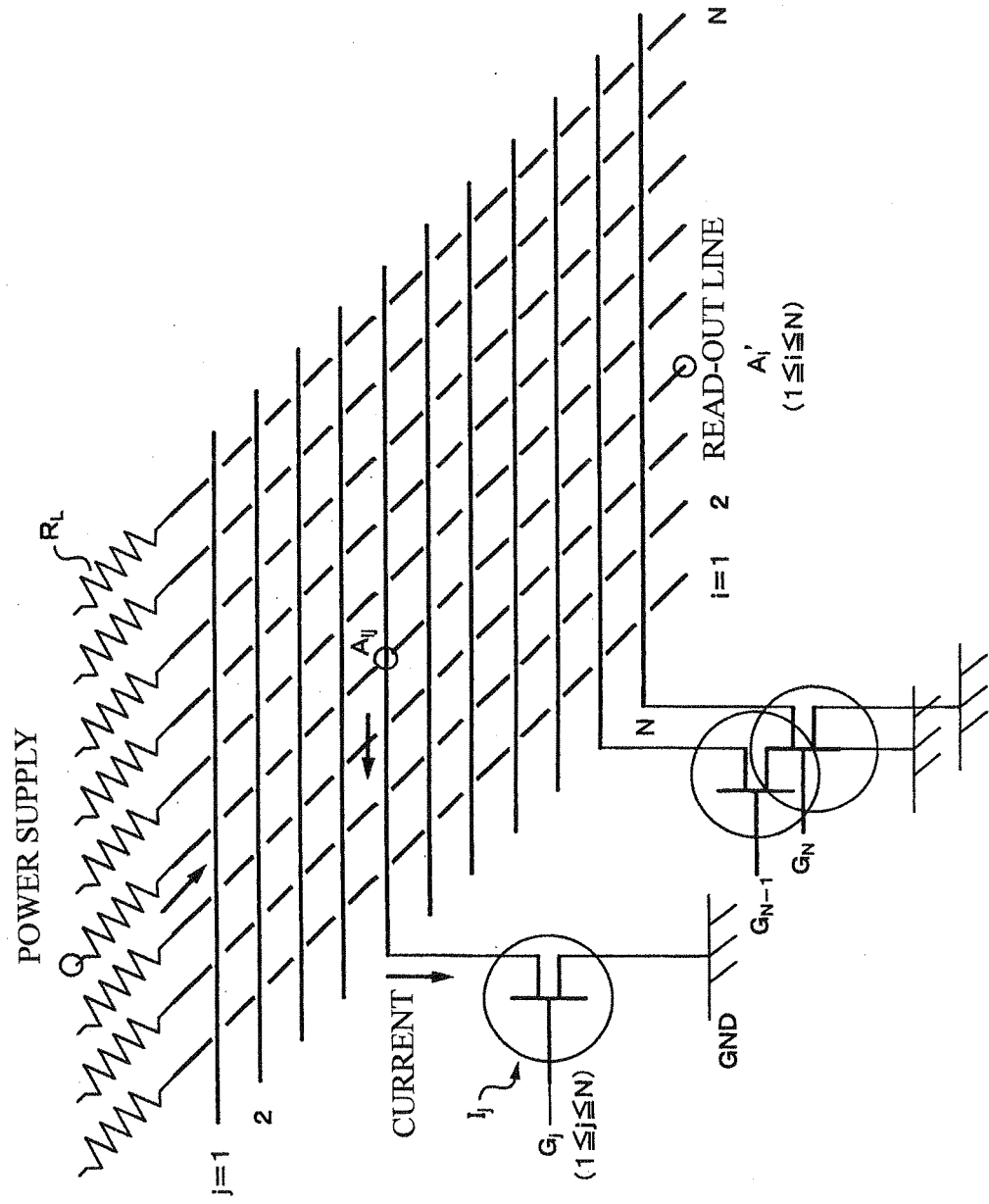


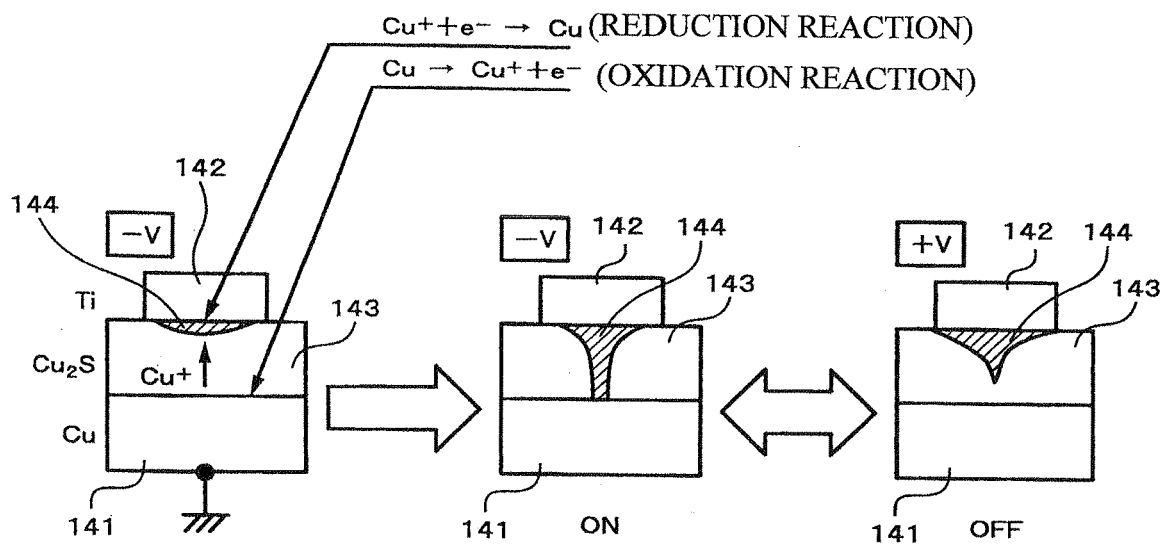
Fig. 32A**Fig. 32B****Fig. 32C**

Fig. 33A

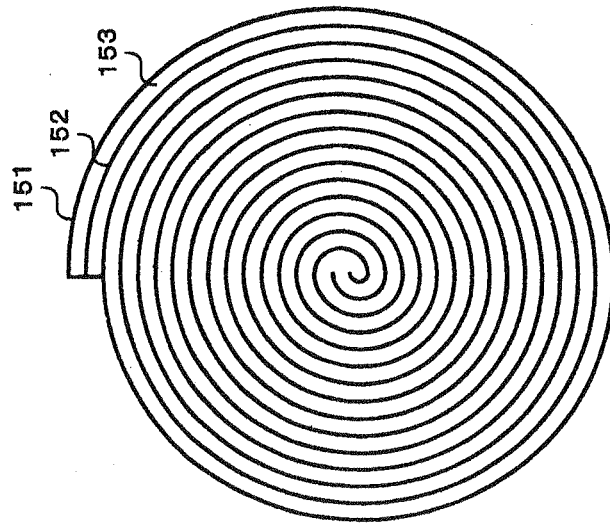


Fig. 33B

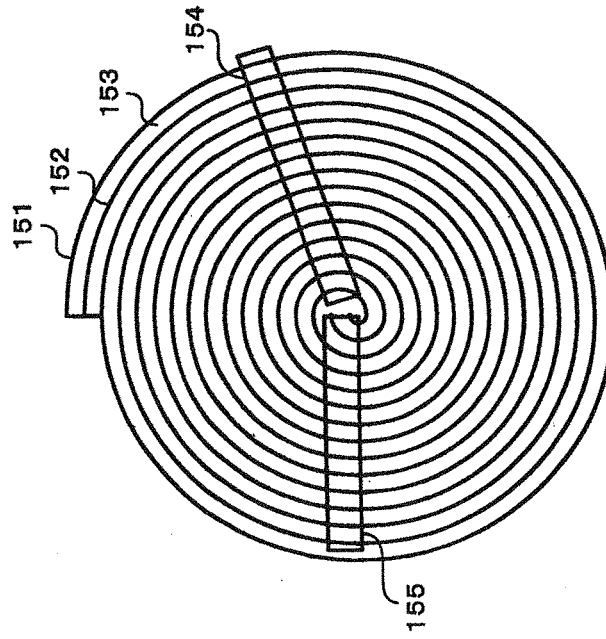


Fig. 33C

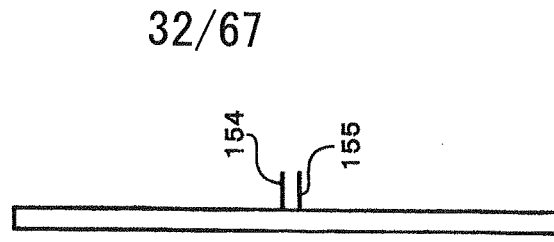
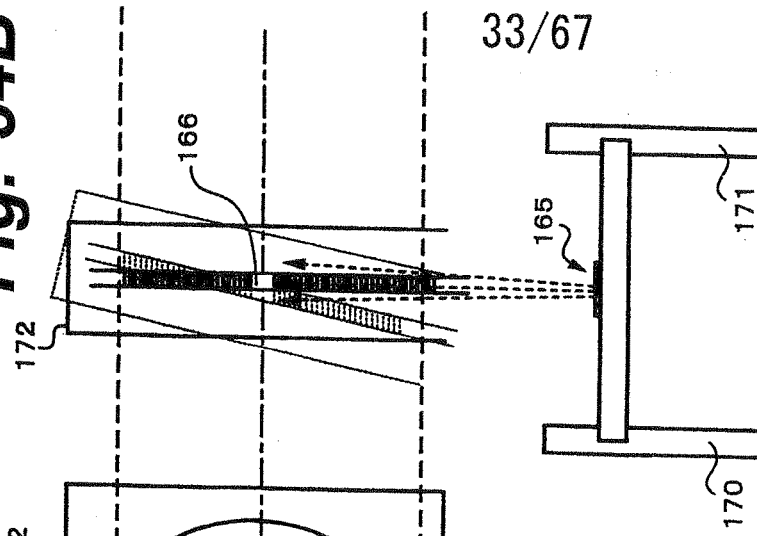


Fig. 34B



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Fig. 34A

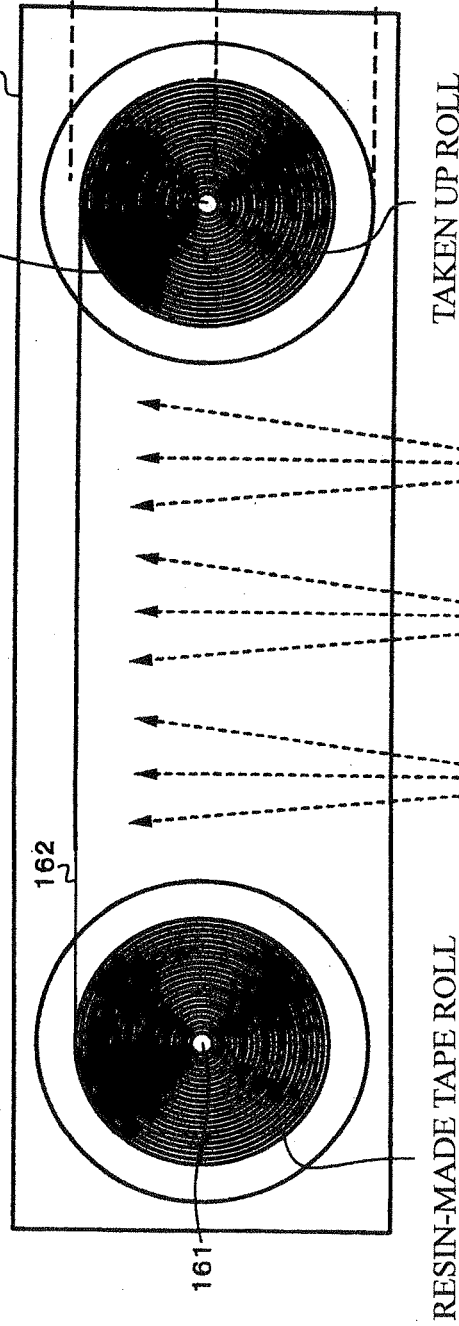


Fig. 34C

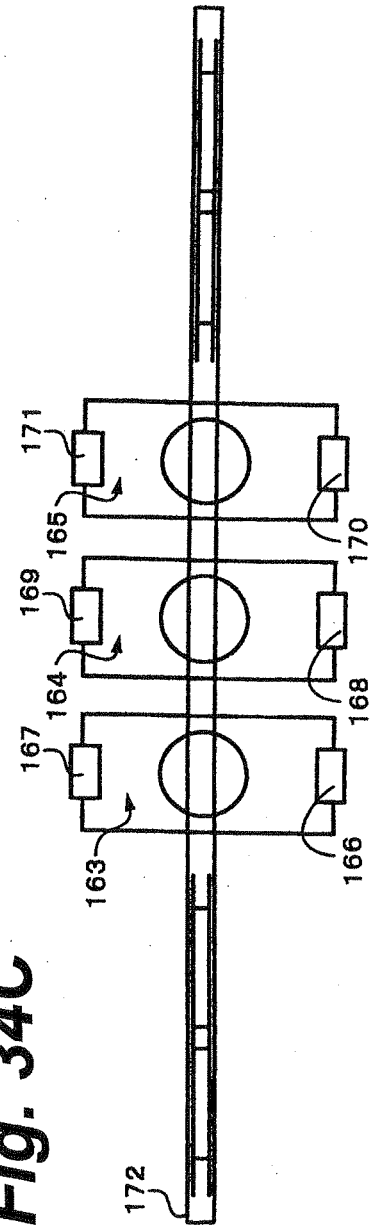


Fig. 35A

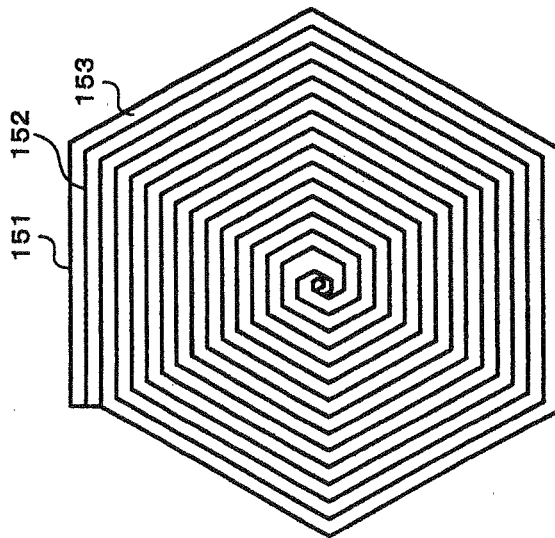


Fig. 35B

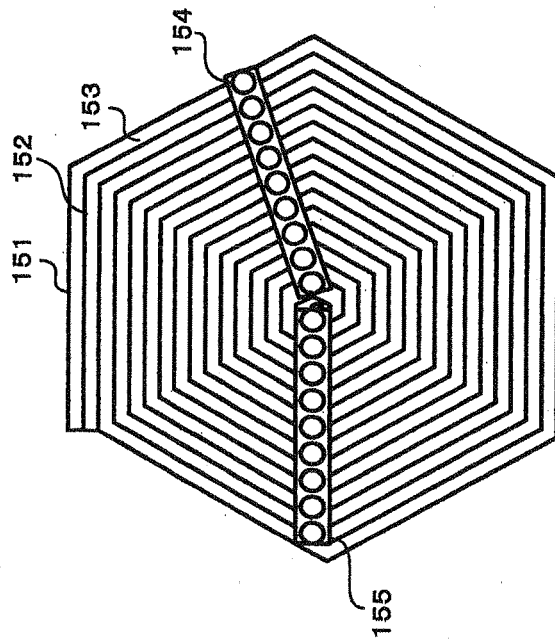


Fig. 35C

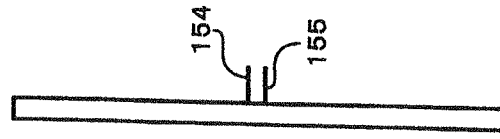


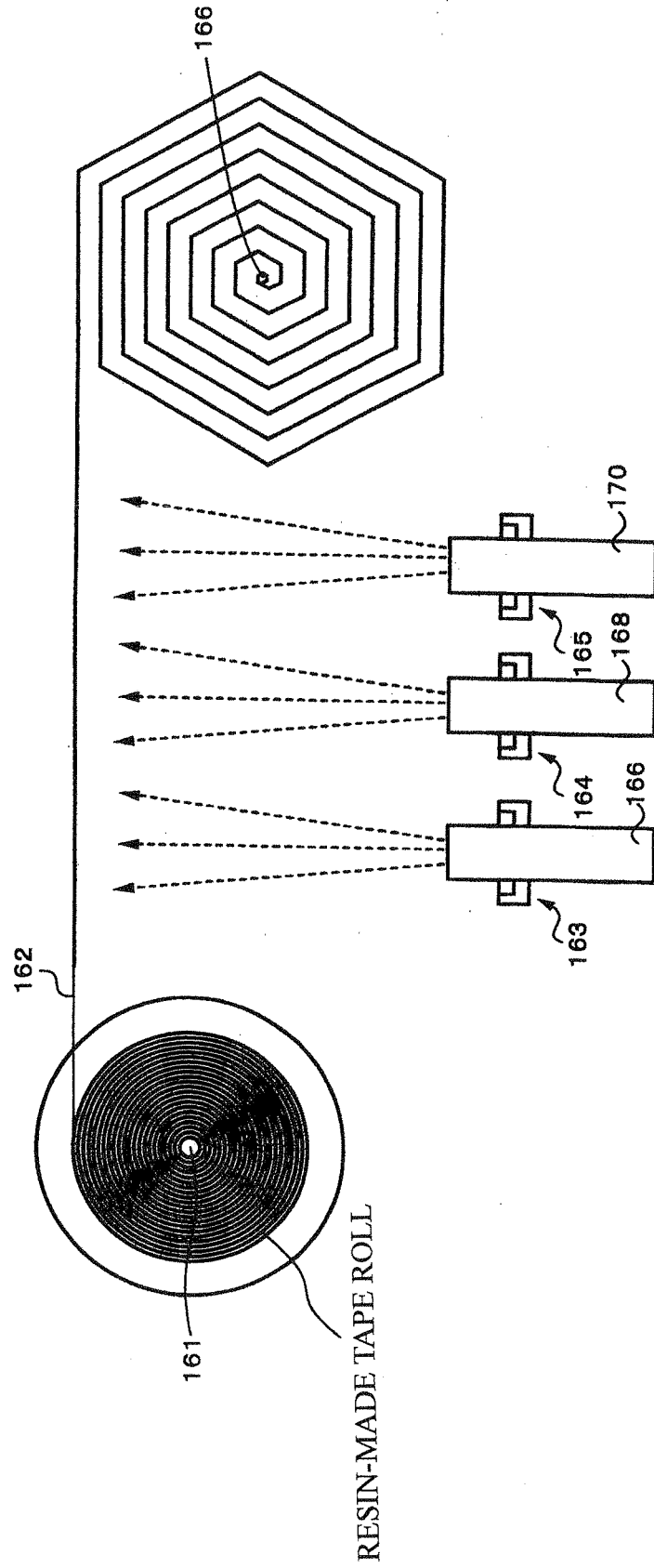
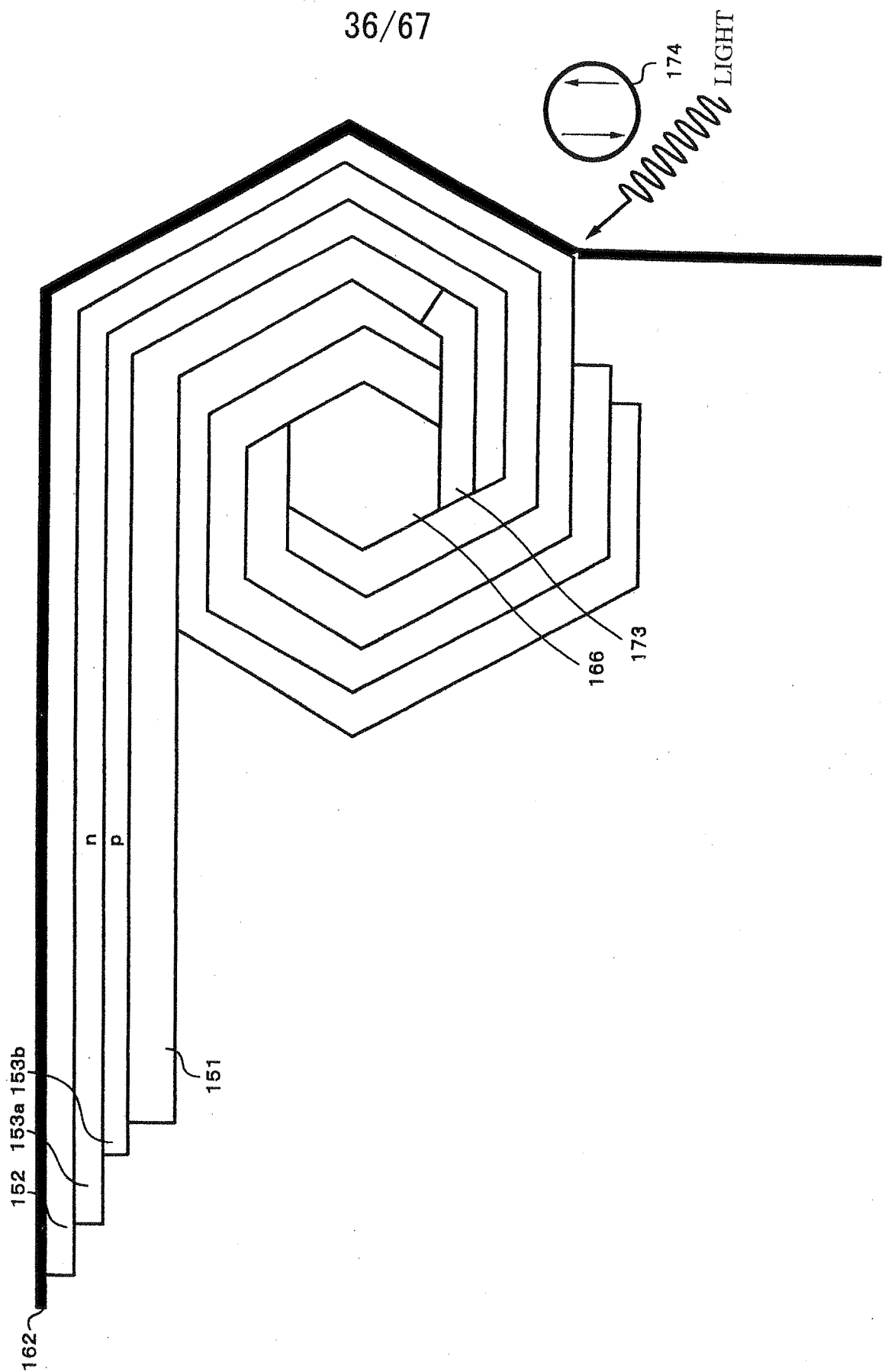
Fig. 36

Fig. 37



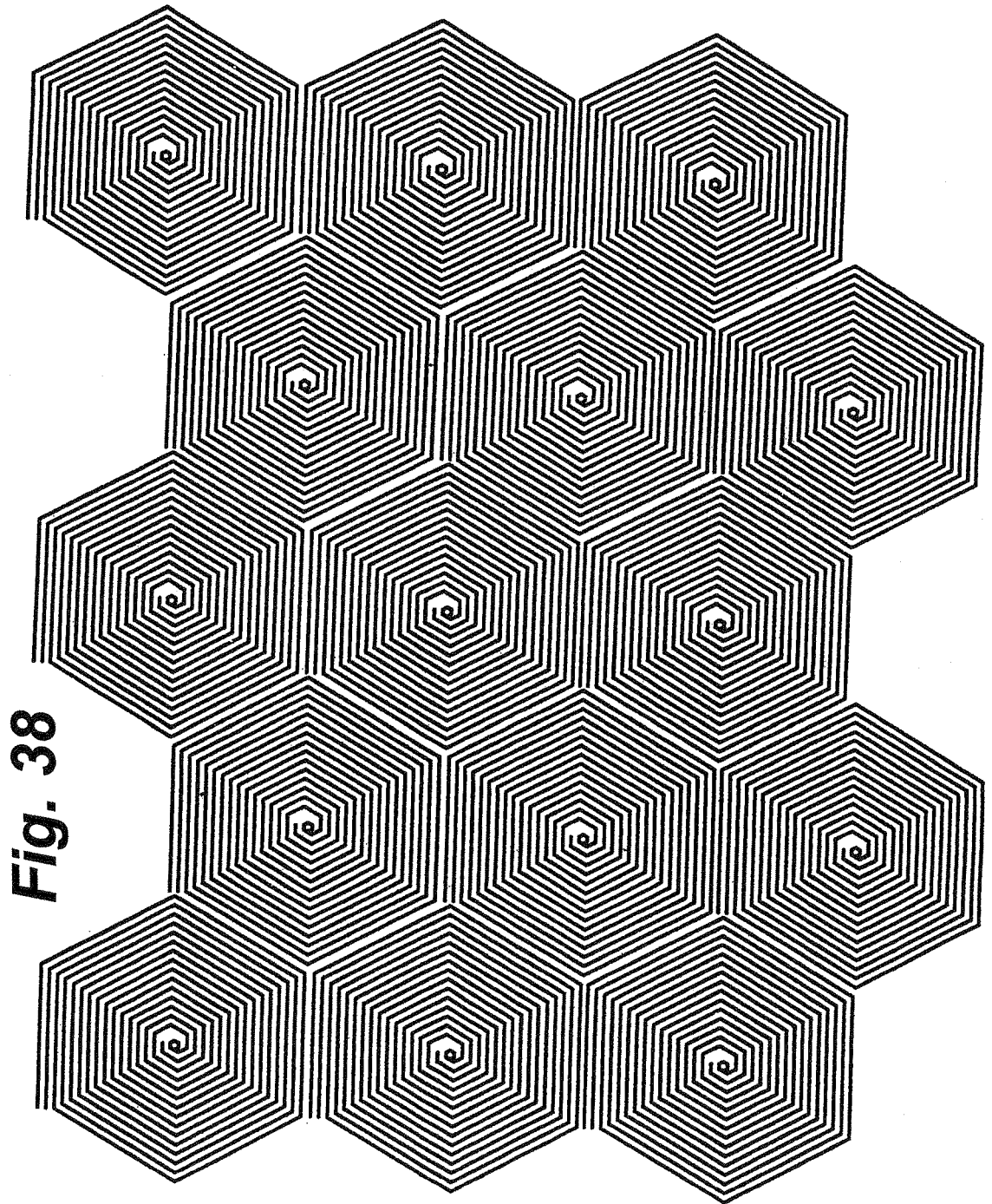


Fig. 38

Fig. 39

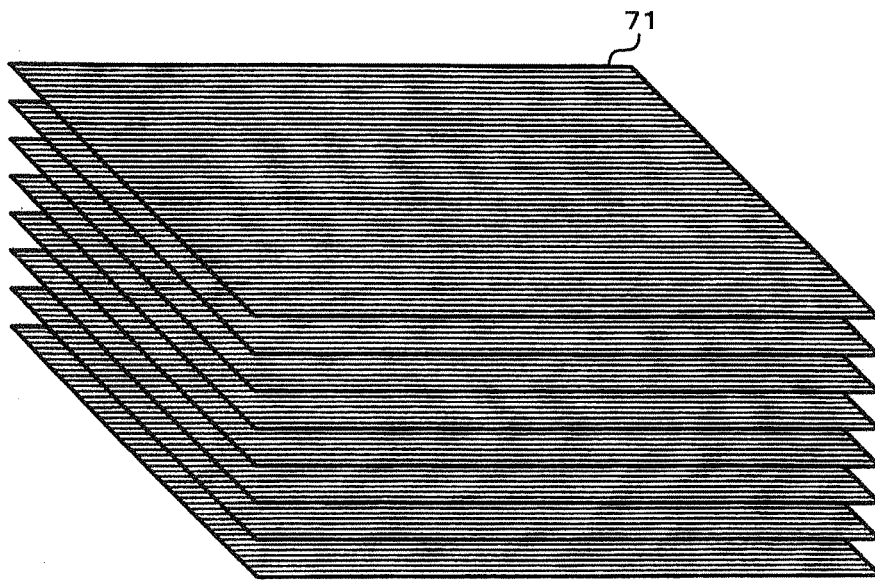


Fig. 40A

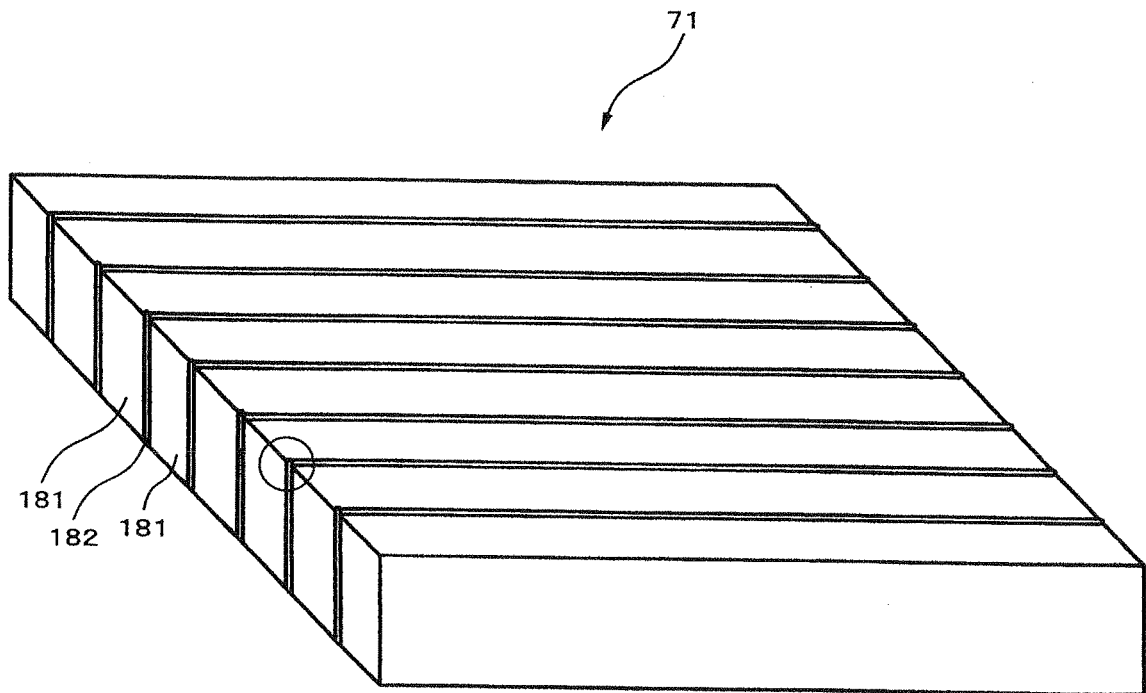


Fig. 40B

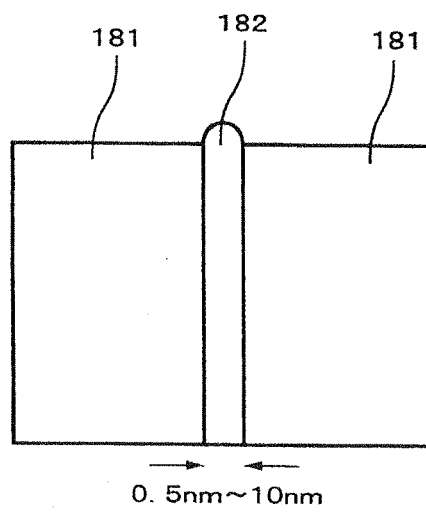


Fig. 41A

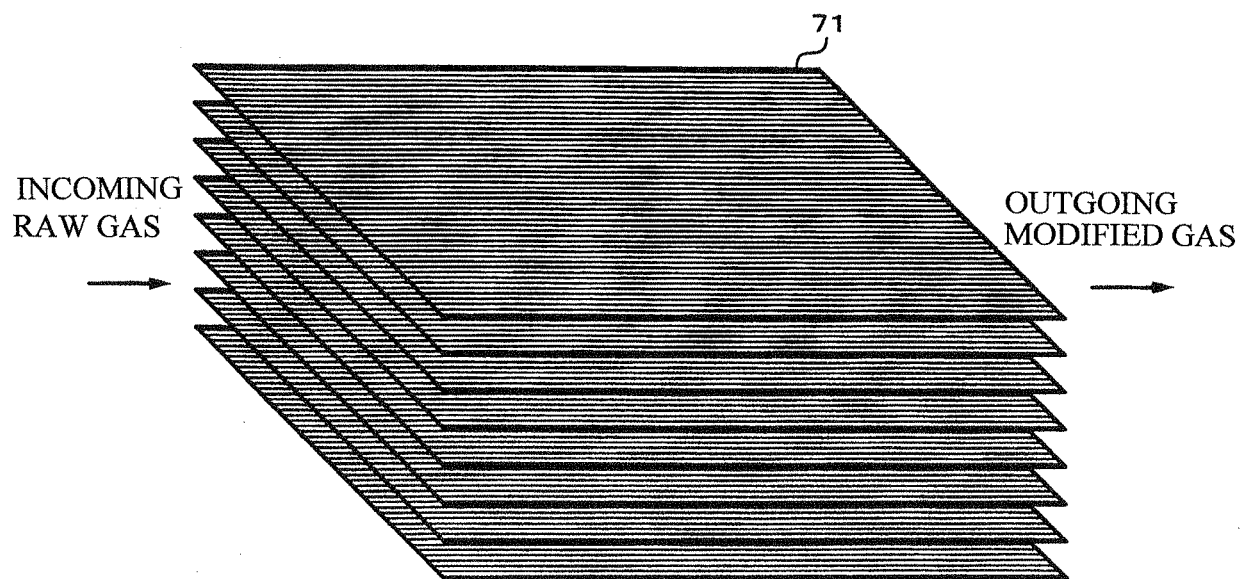


Fig. 41B

SURFACE CATALYTIC REACTION

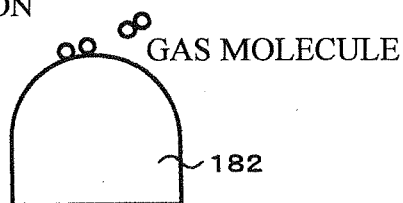


Fig. 42A

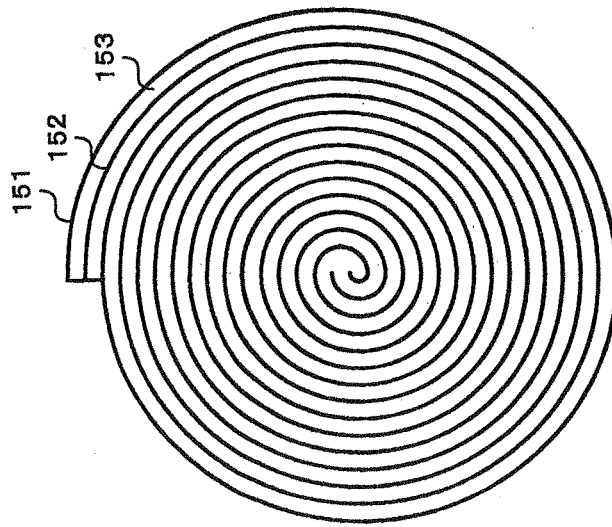


Fig. 42B

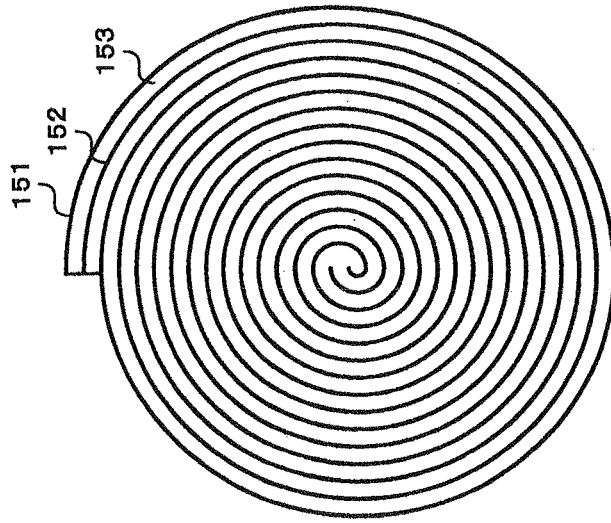
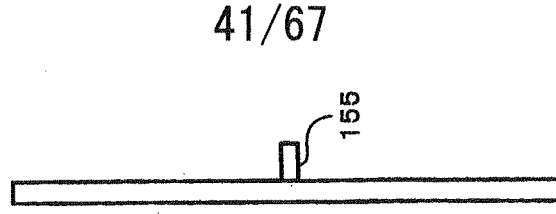


Fig. 42C



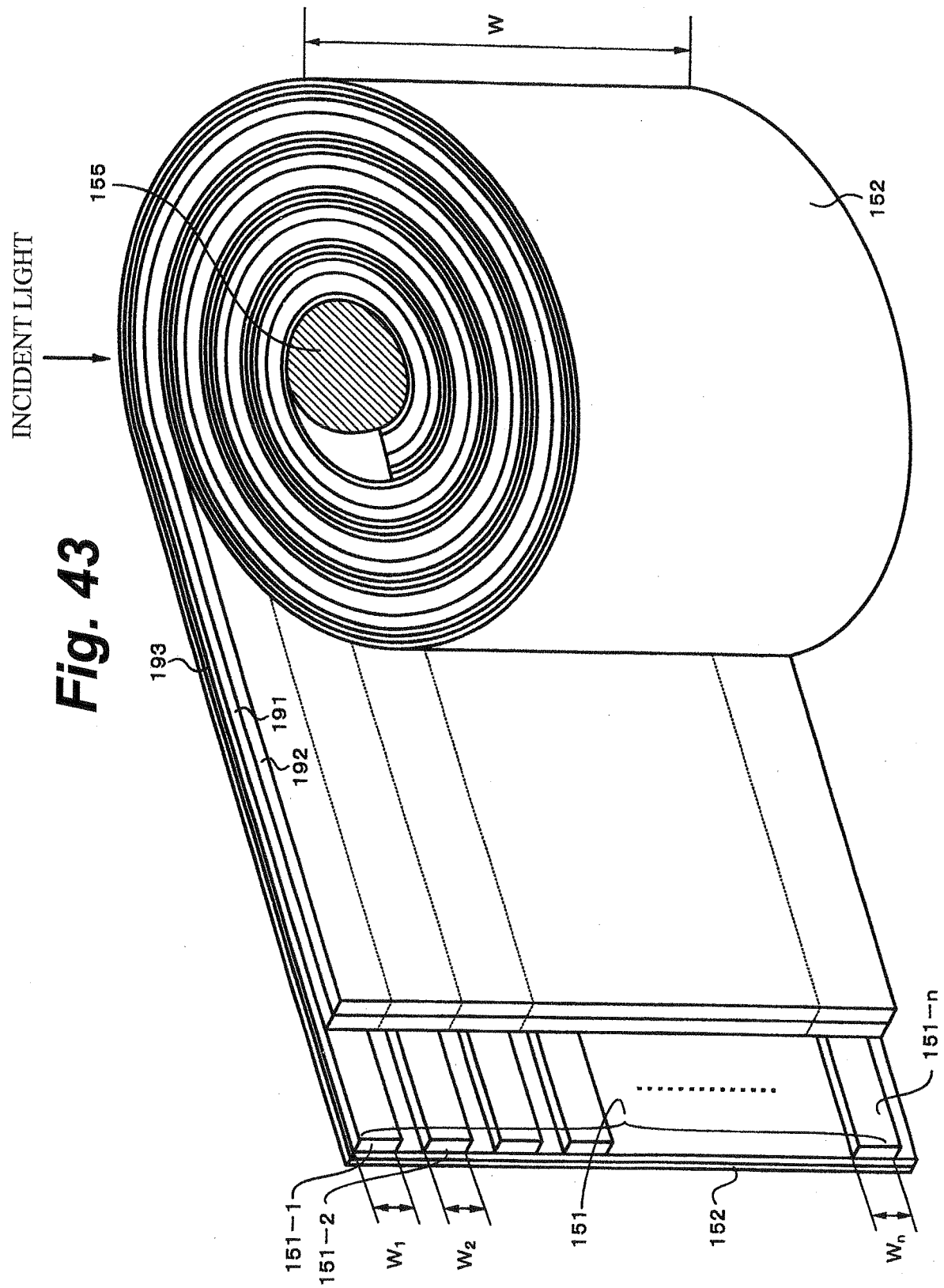


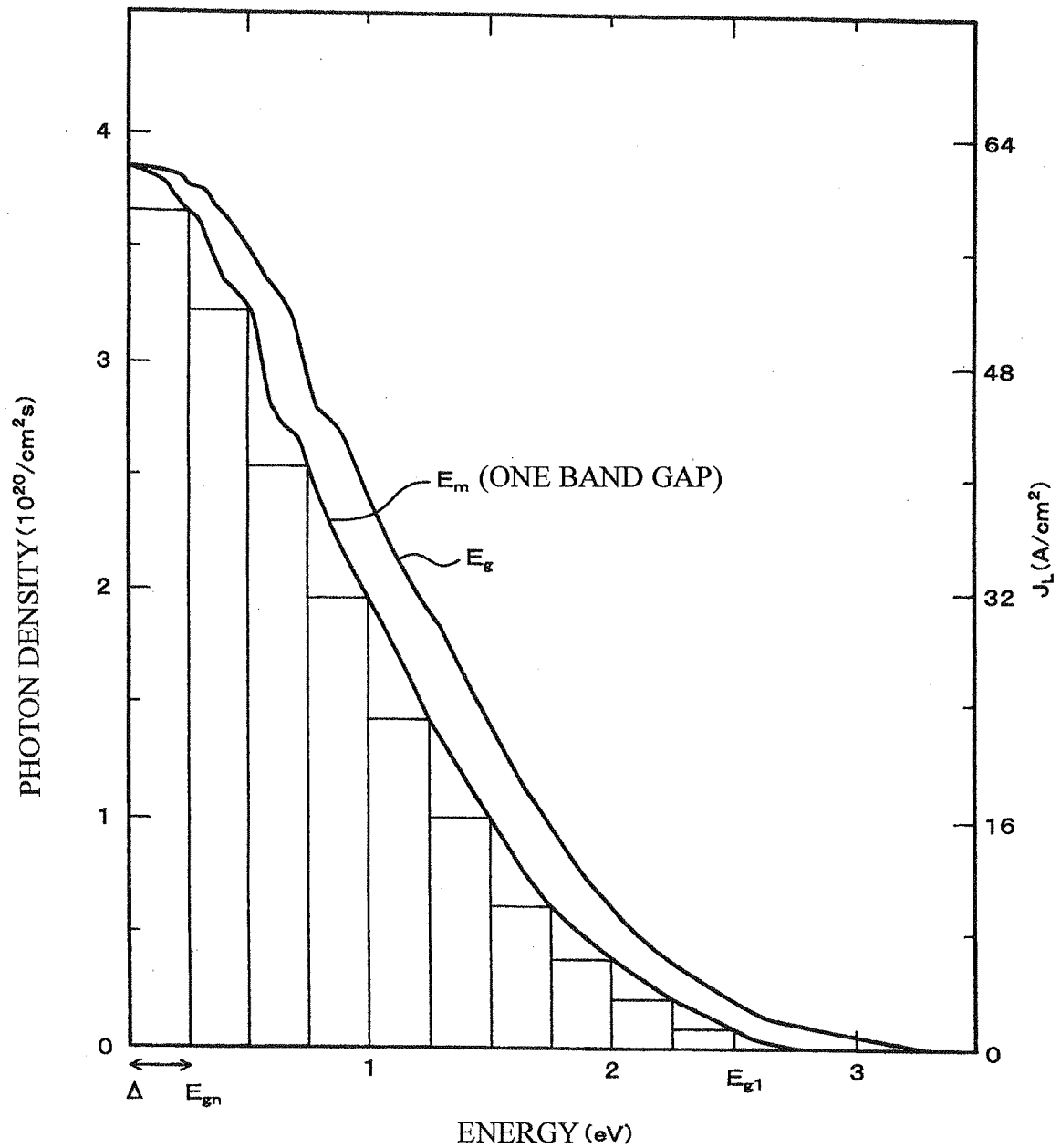
Fig. 44

Fig. 45A

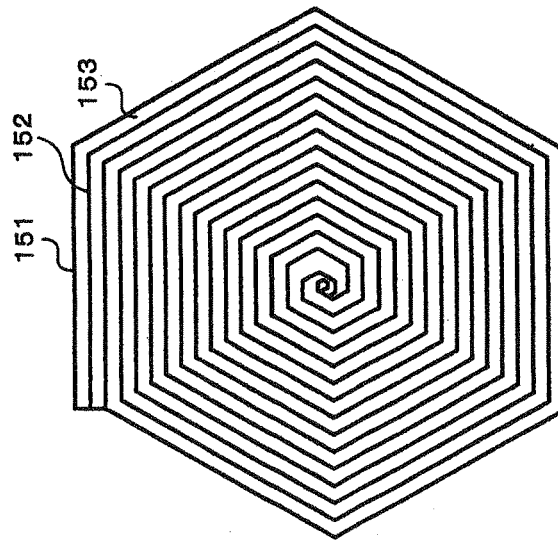


Fig. 45B

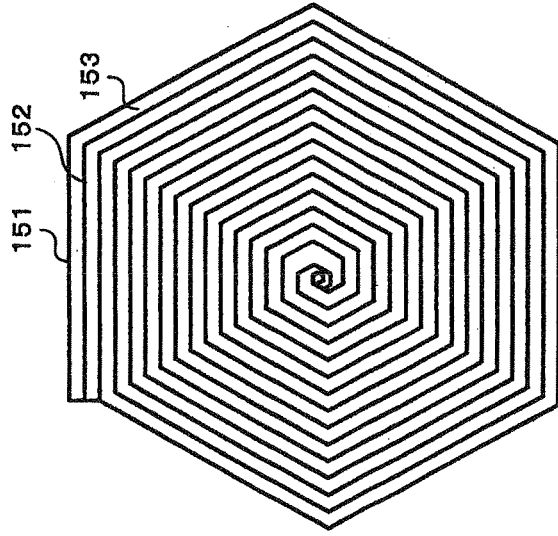


Fig. 45C

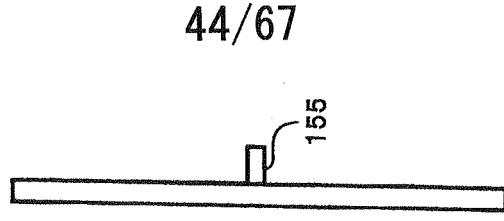
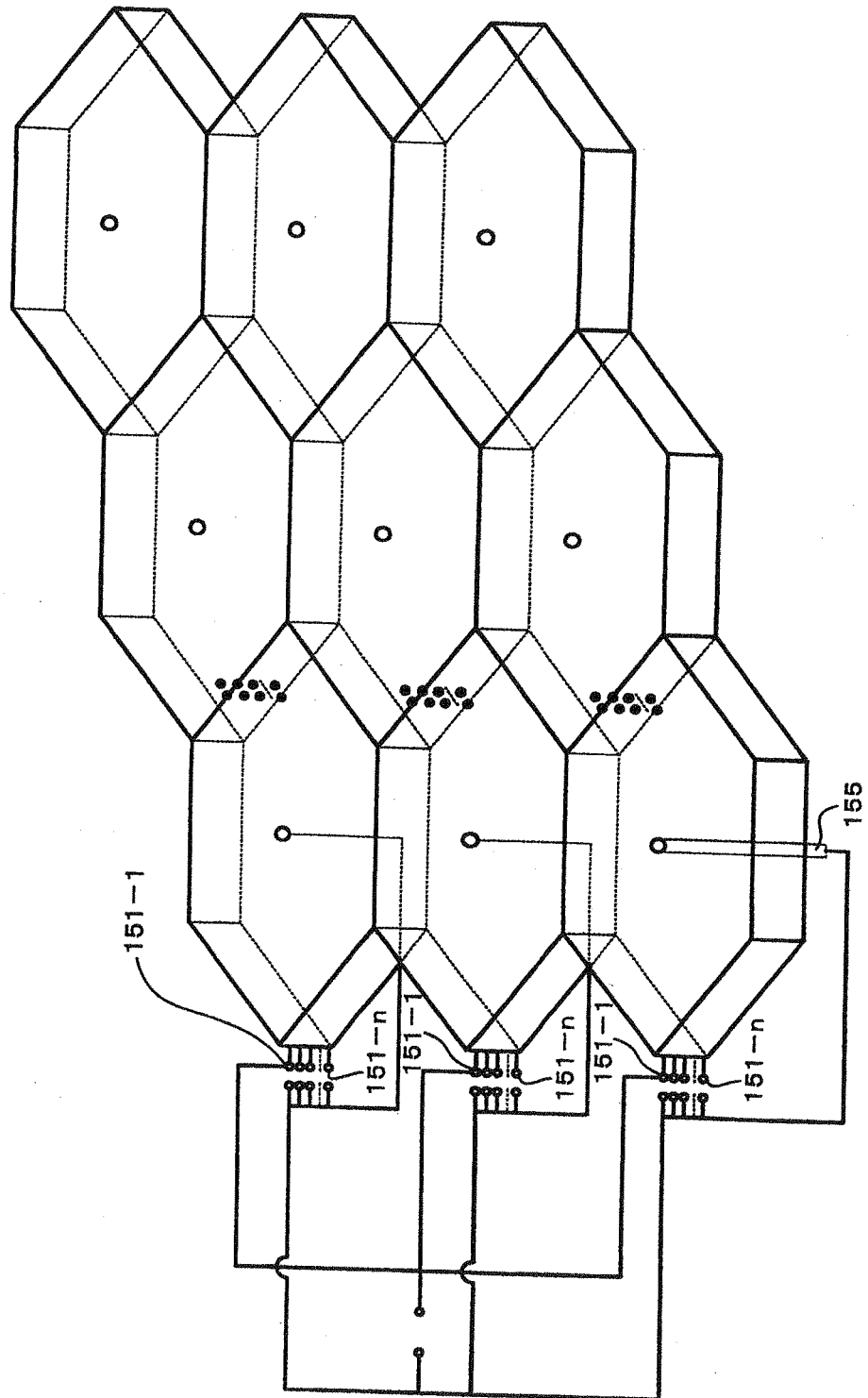


Fig. 46

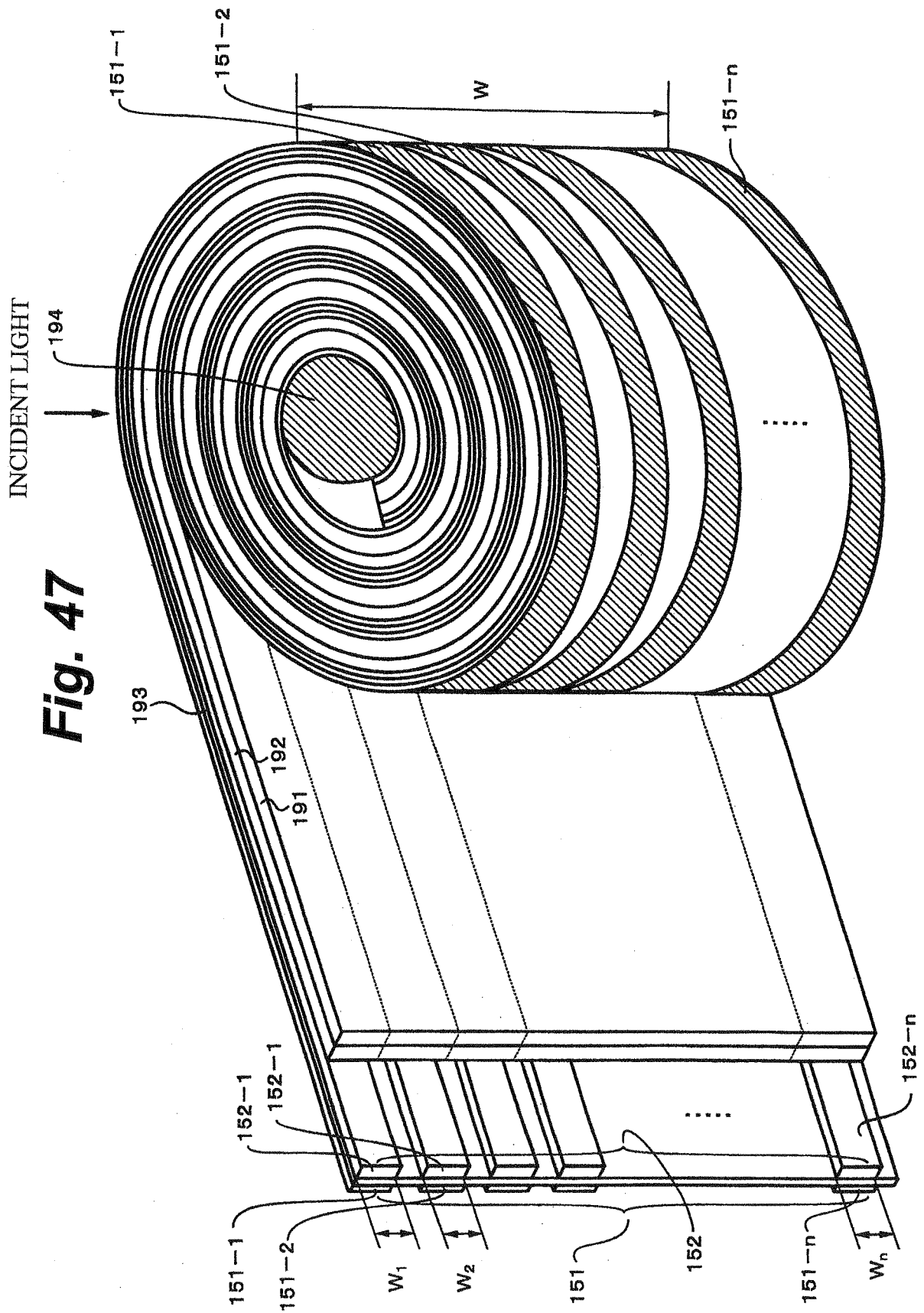


Fig. 48

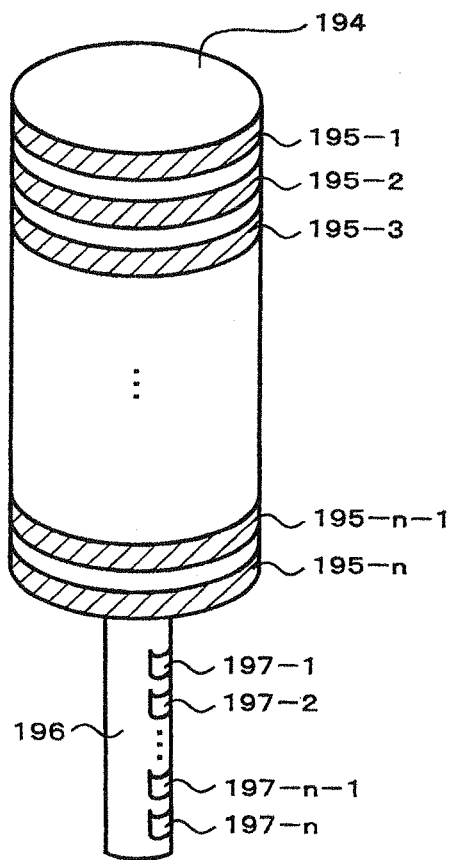


Fig. 49

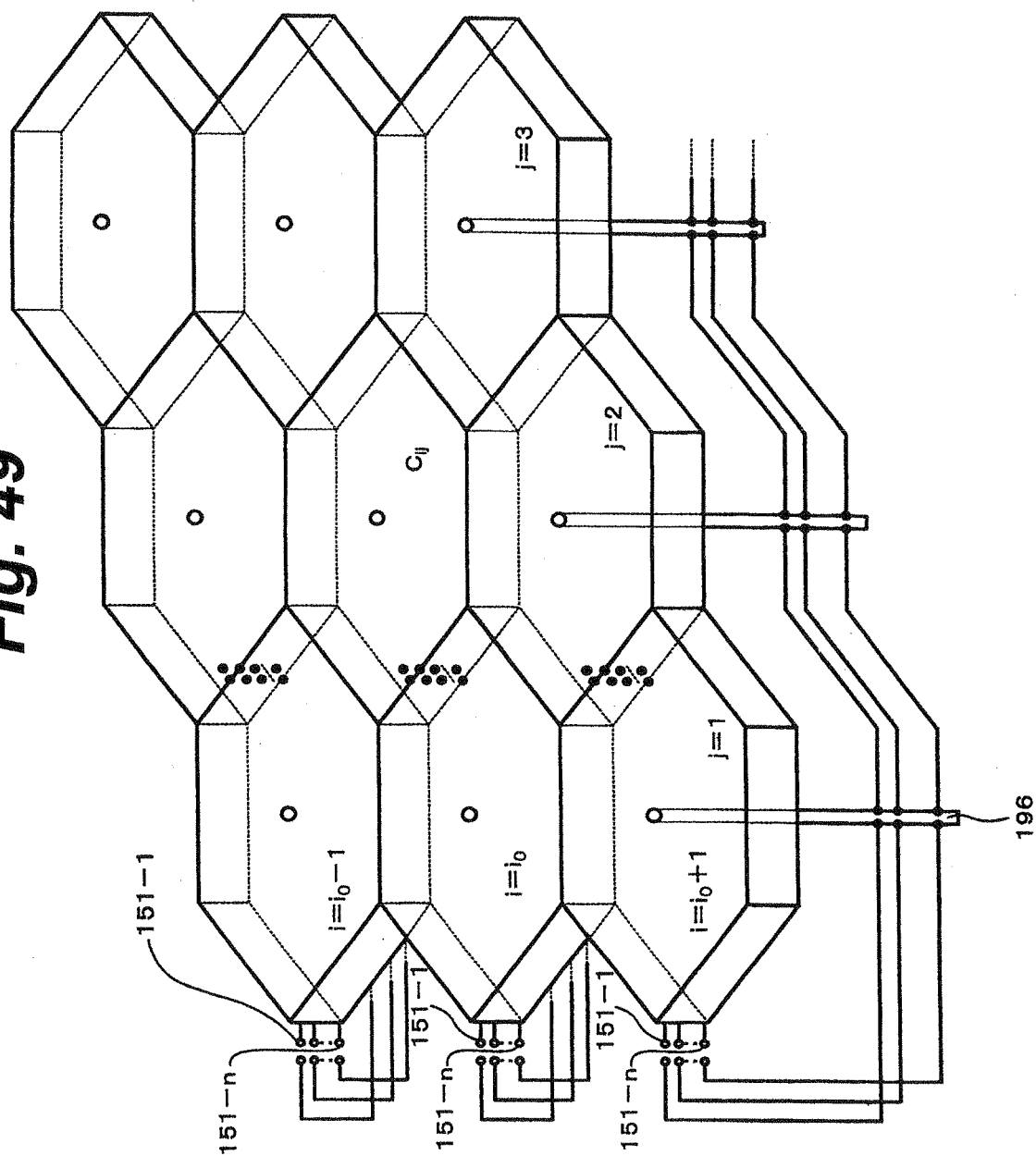
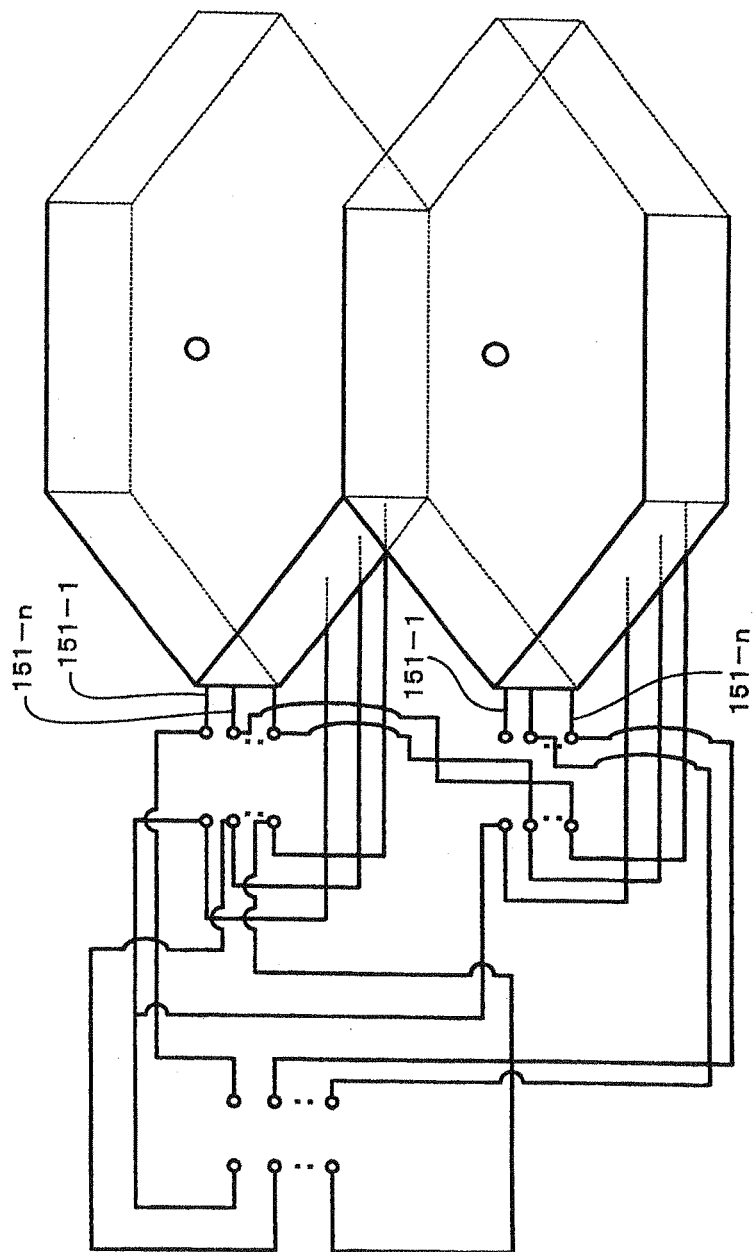
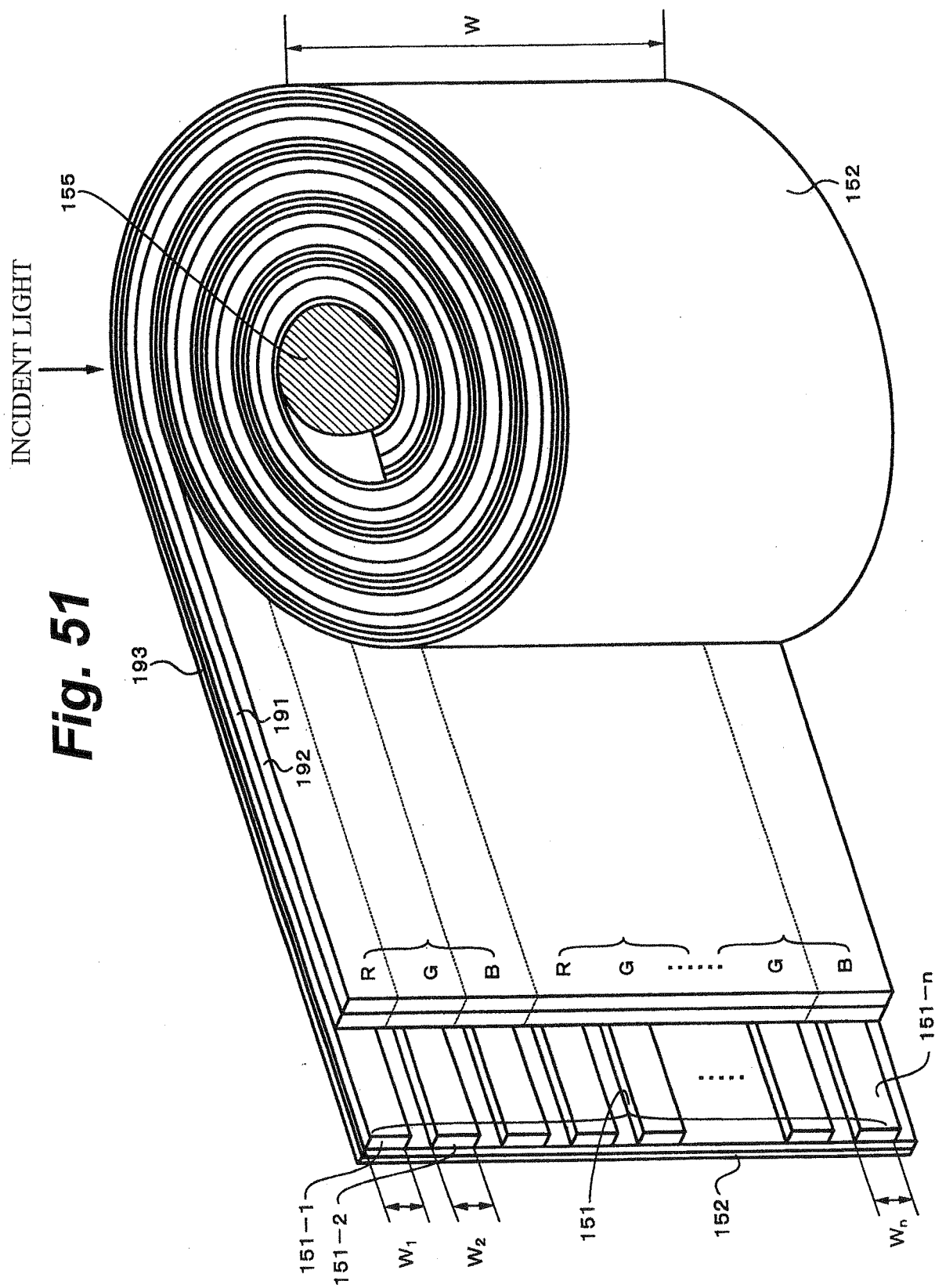


Fig. 50





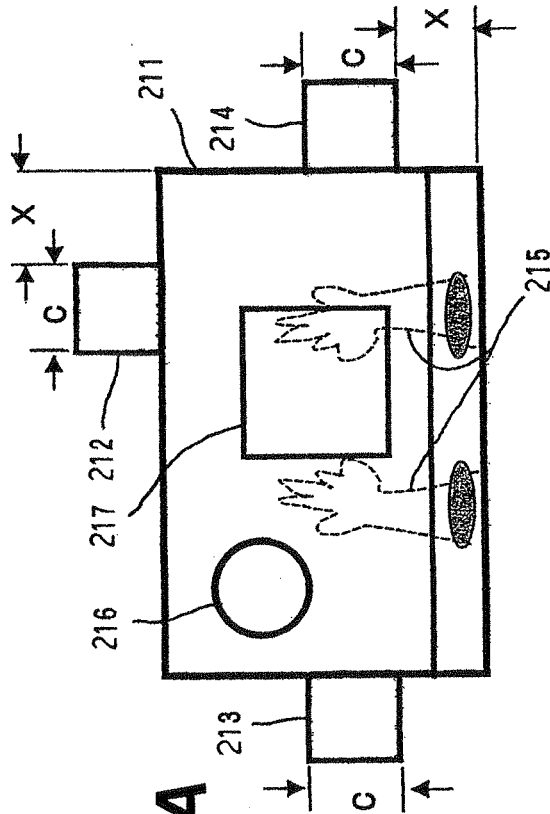


Fig. 52A

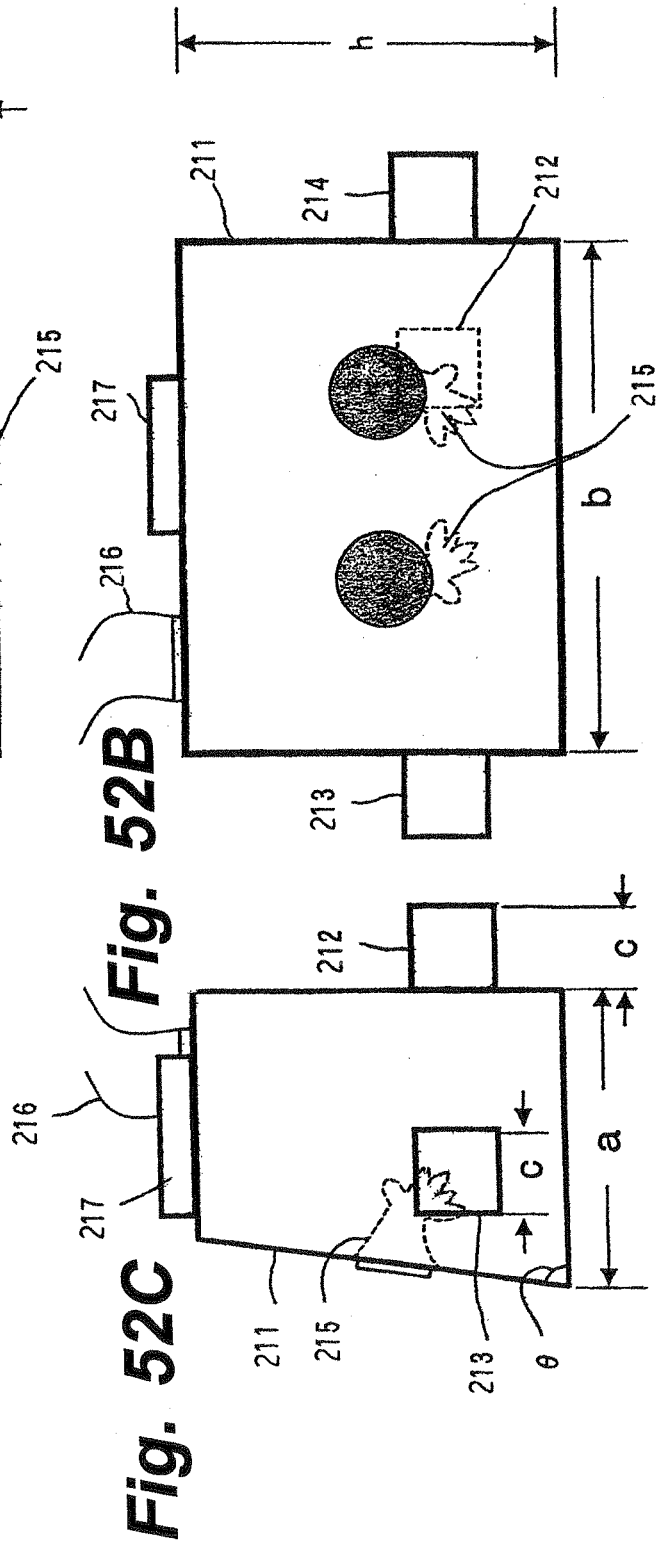


Fig. 52B

Fig. 52C

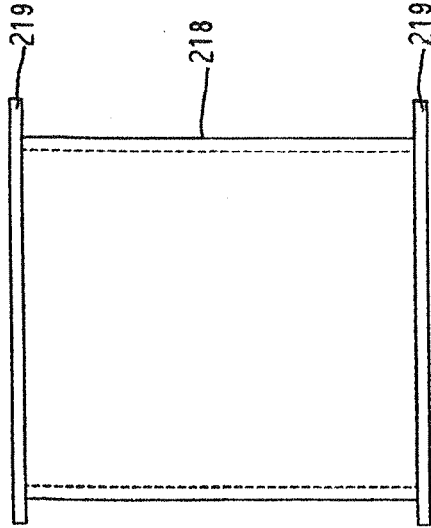


Fig. 53A

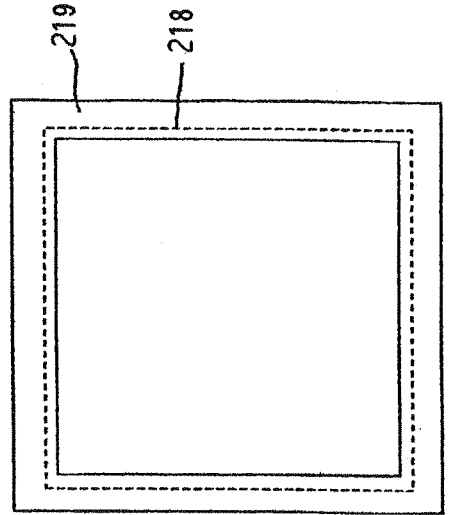


Fig. 53B

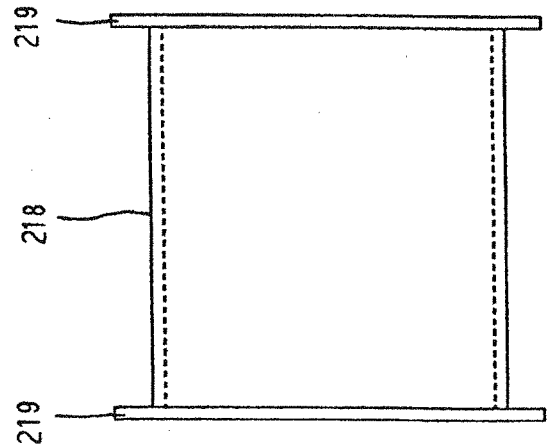


Fig. 53C

Fig. 54A

UNIT INSIDE UNIT OUTSIDE

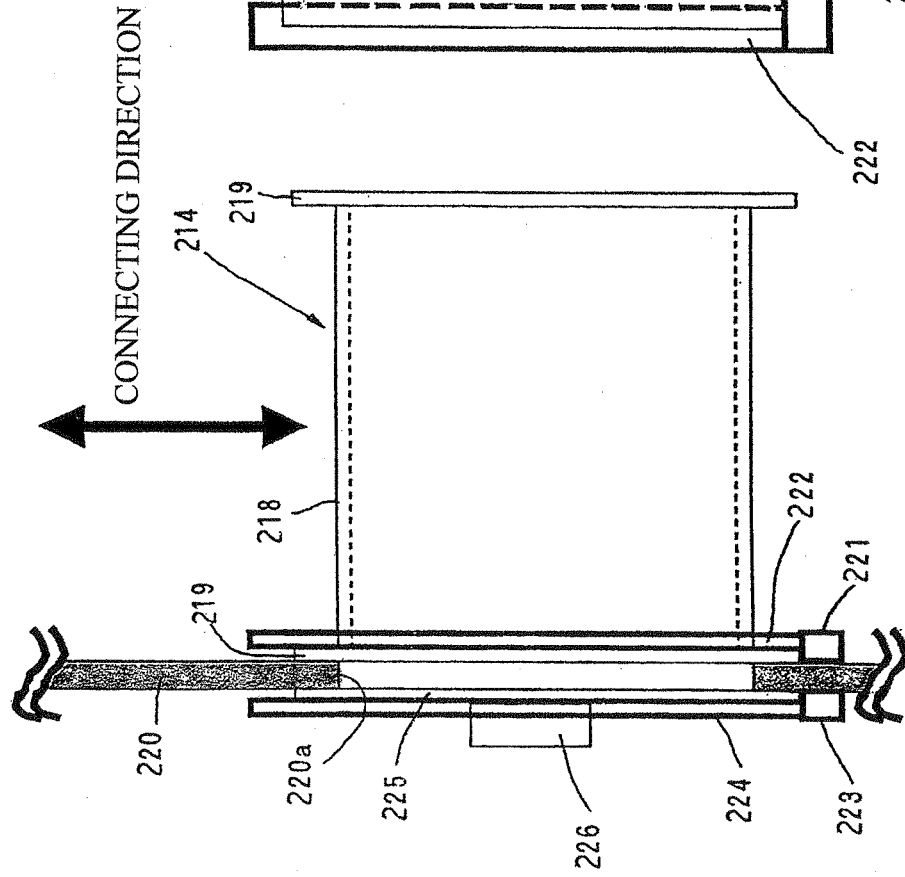


Fig. 54B

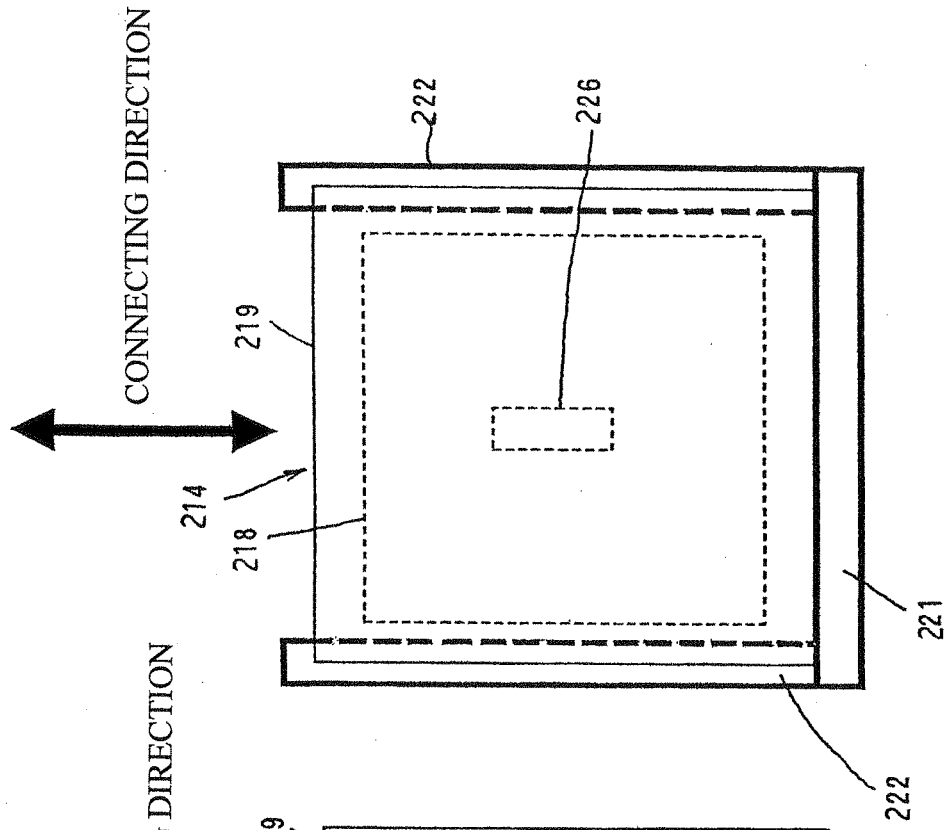


Fig. 55A

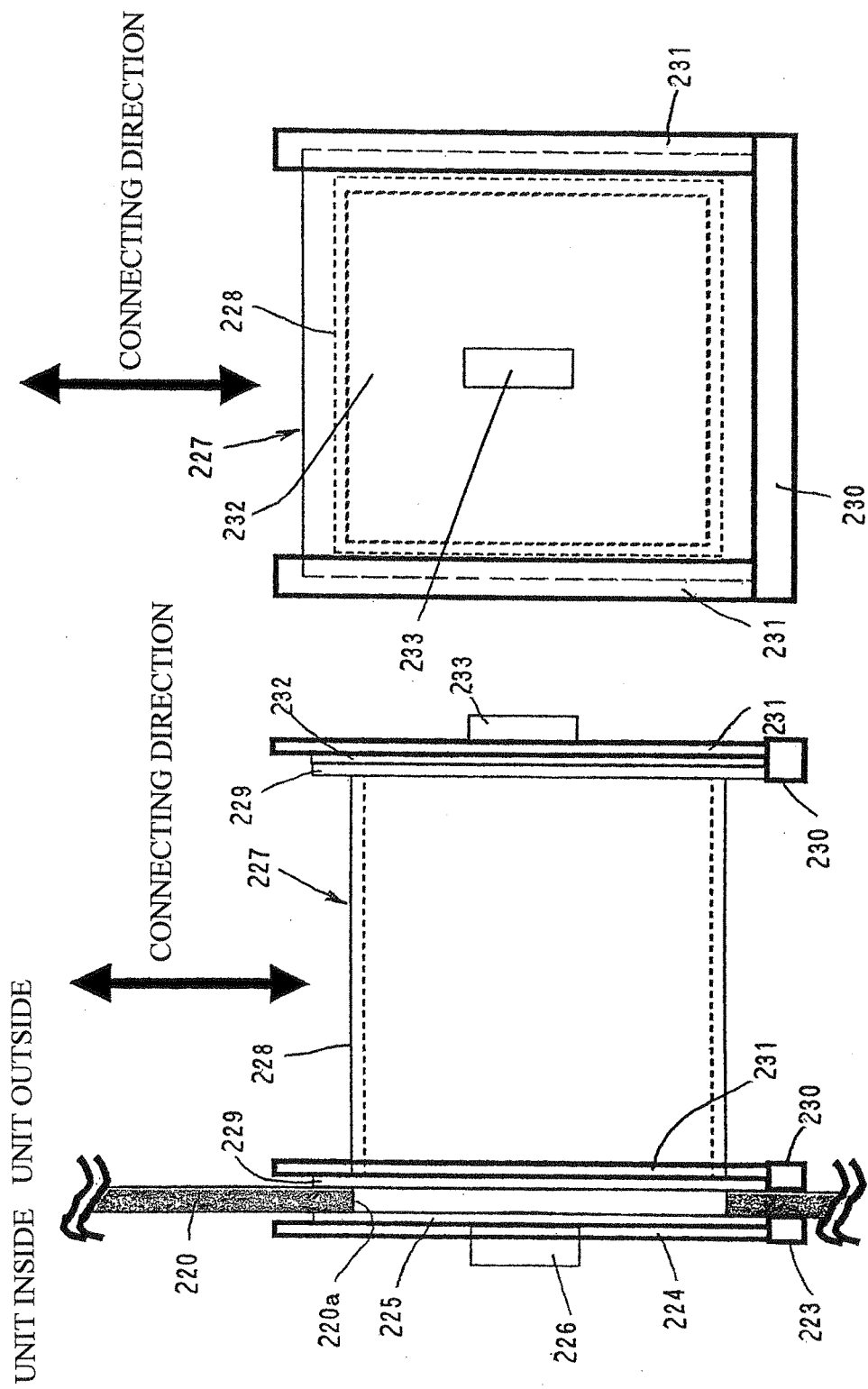


Fig. 55B

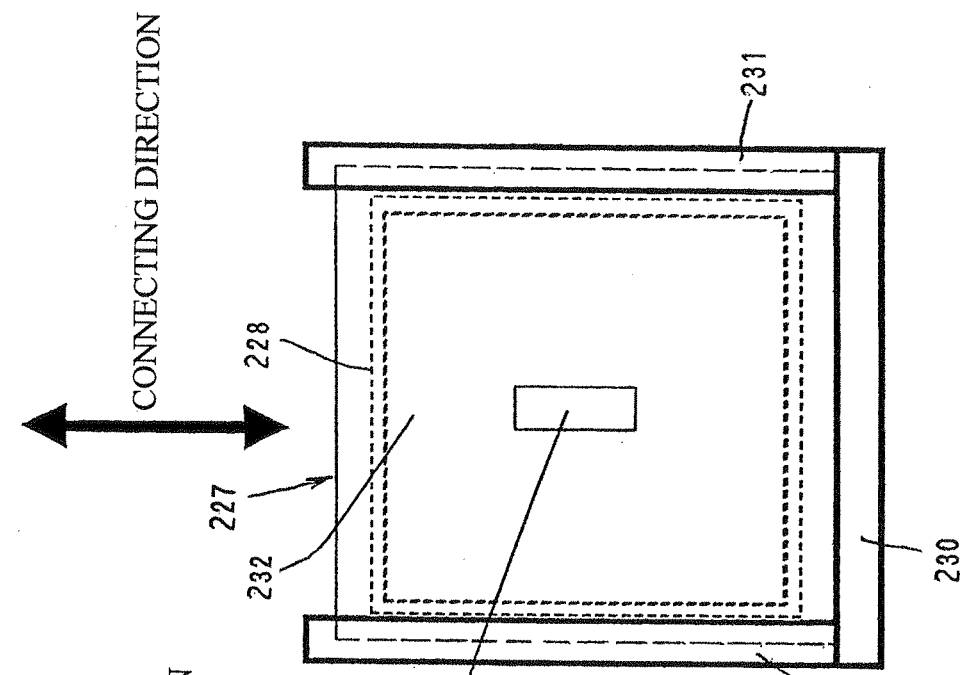


Fig. 56A

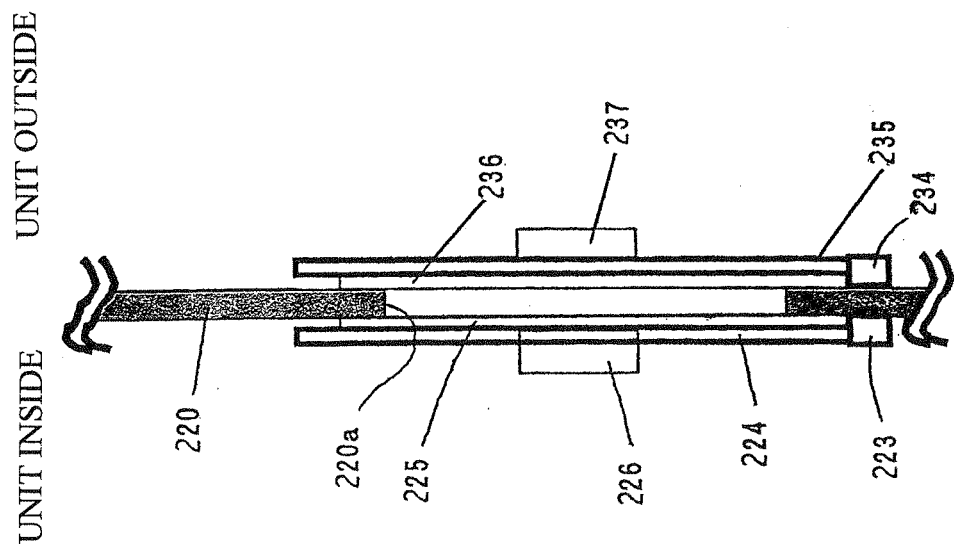
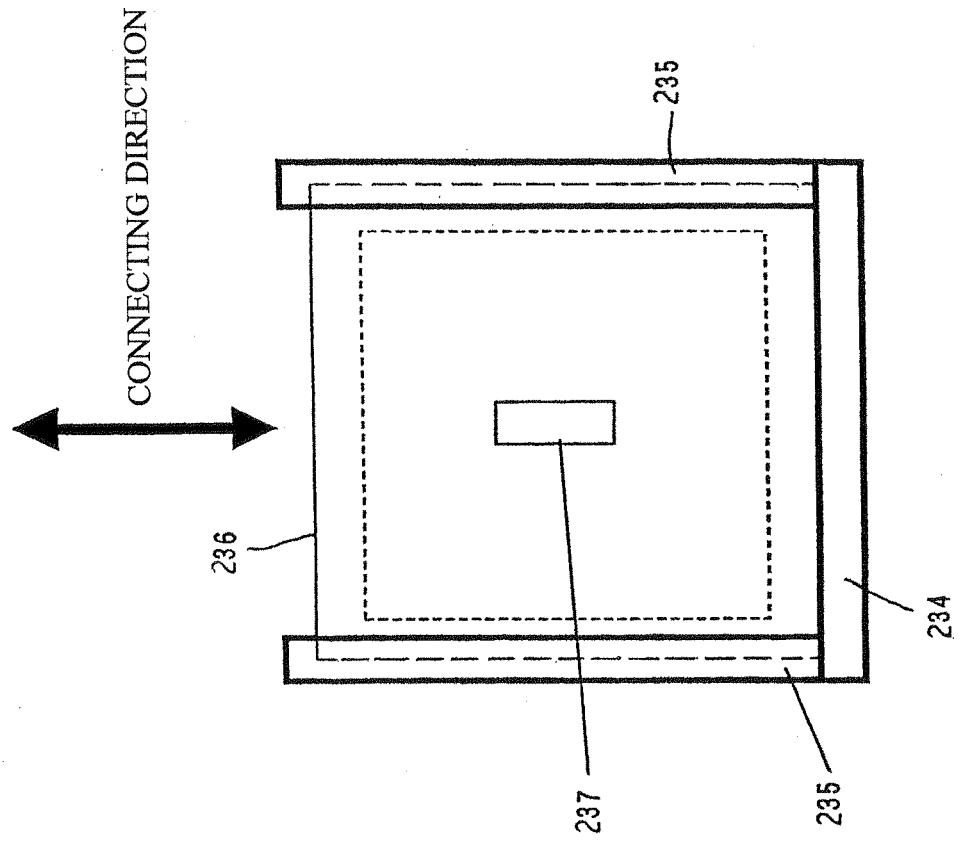


Fig. 56B



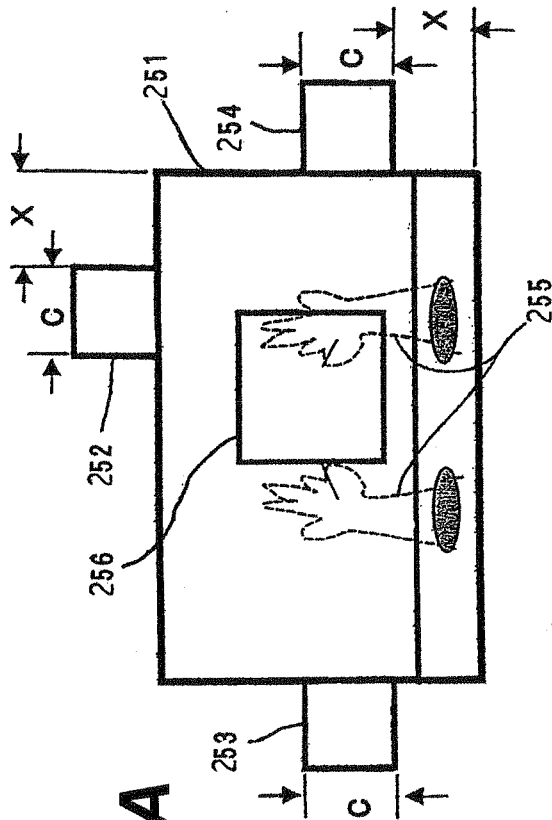


Fig. 57A

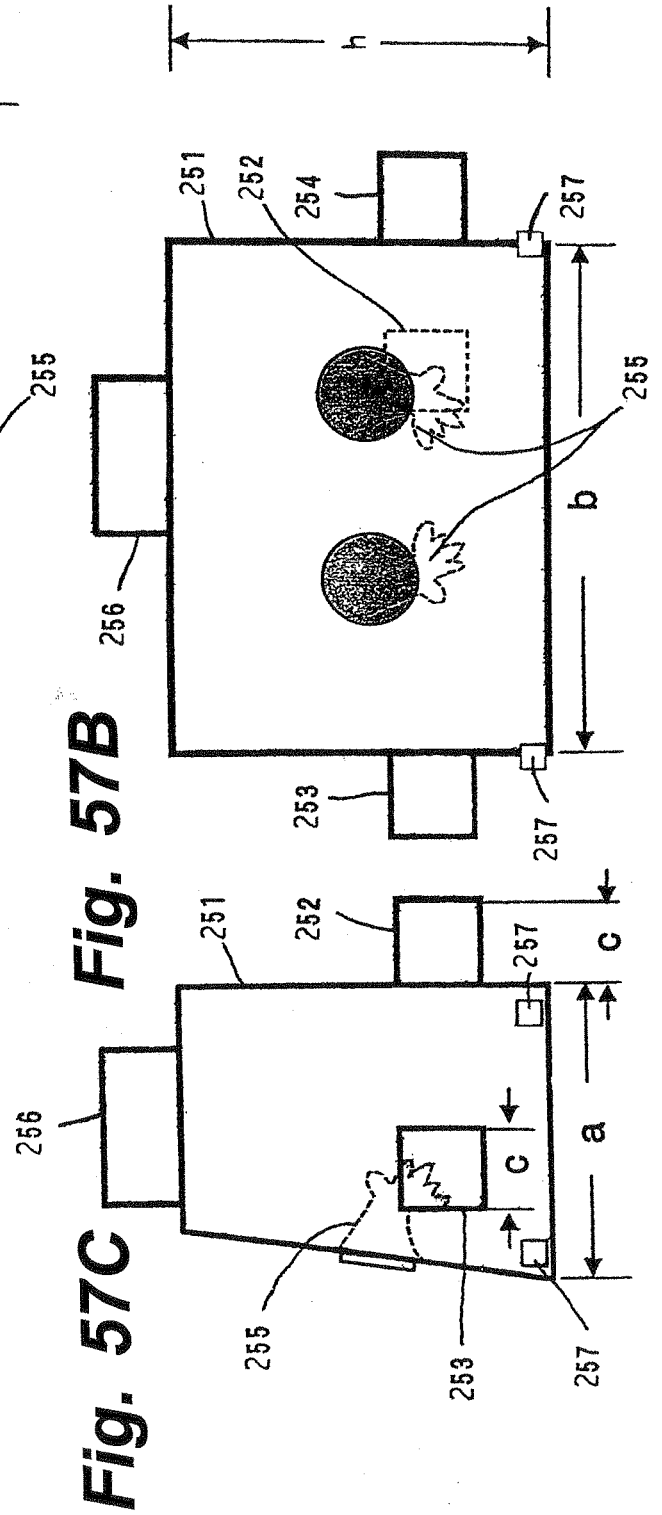


Fig. 57B

Fig. 57C

Fig. 58A

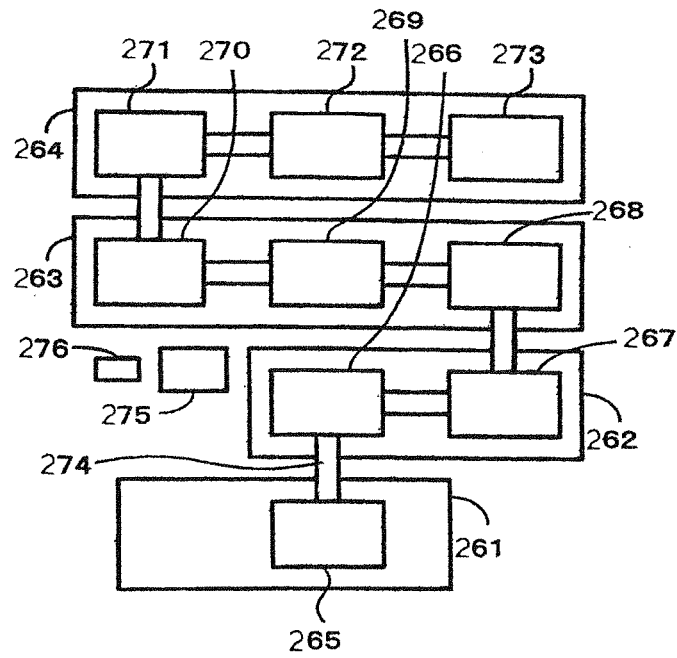


Fig. 58B

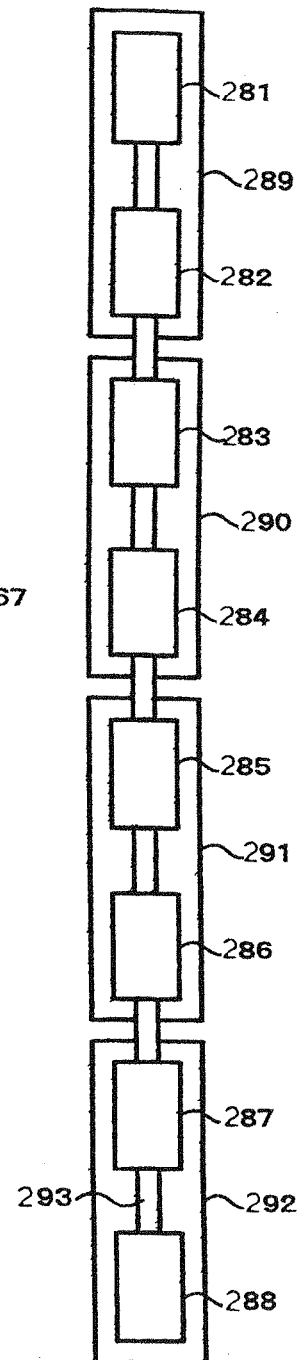


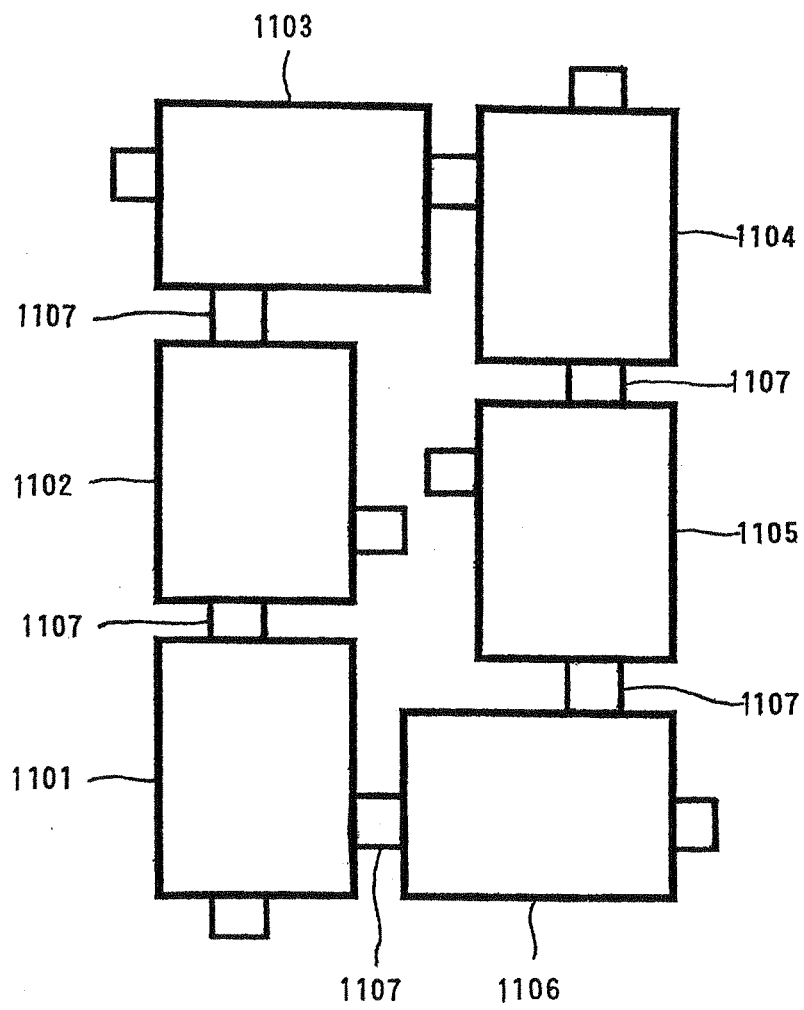
Fig. 59

Fig. 60

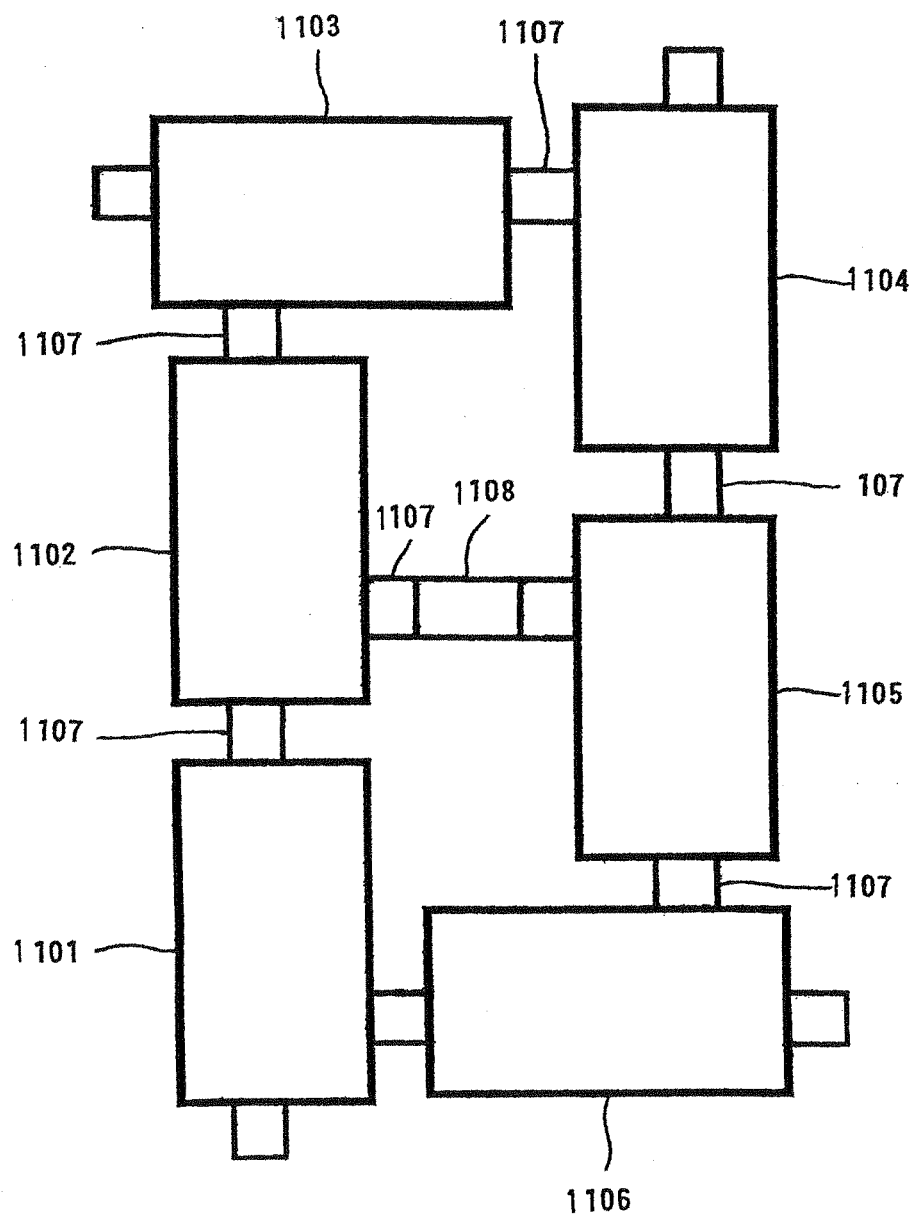


Fig. 61

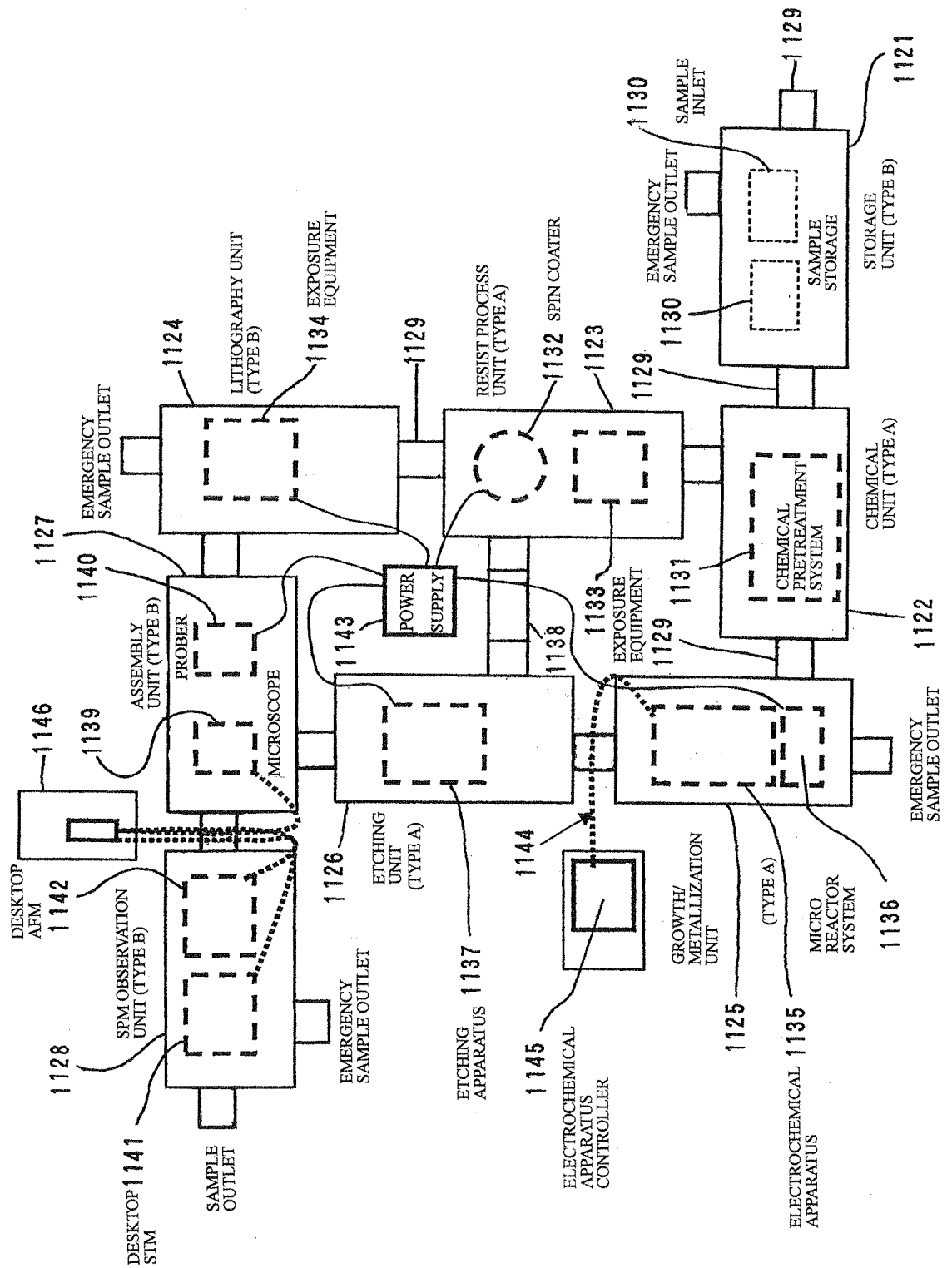


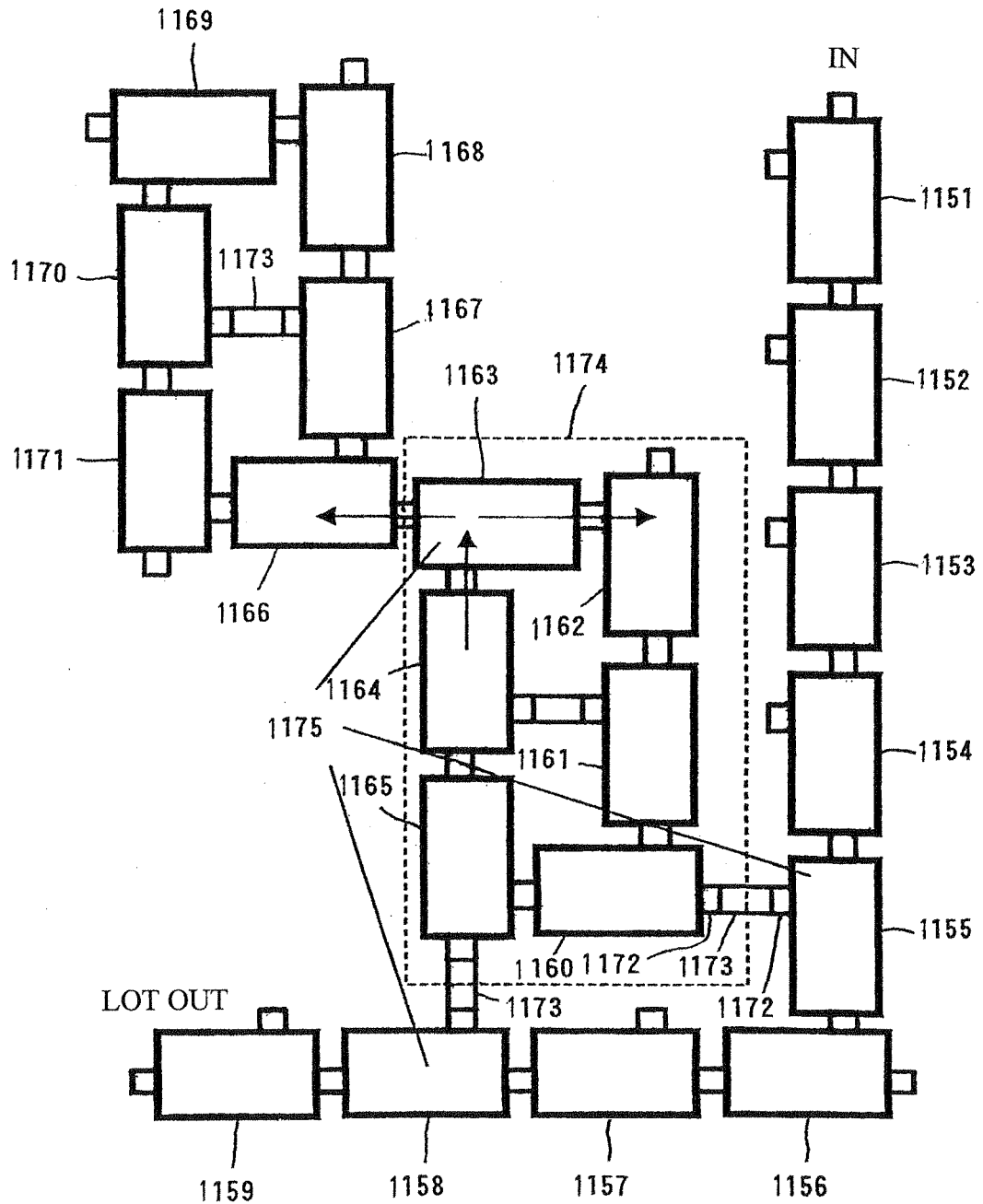
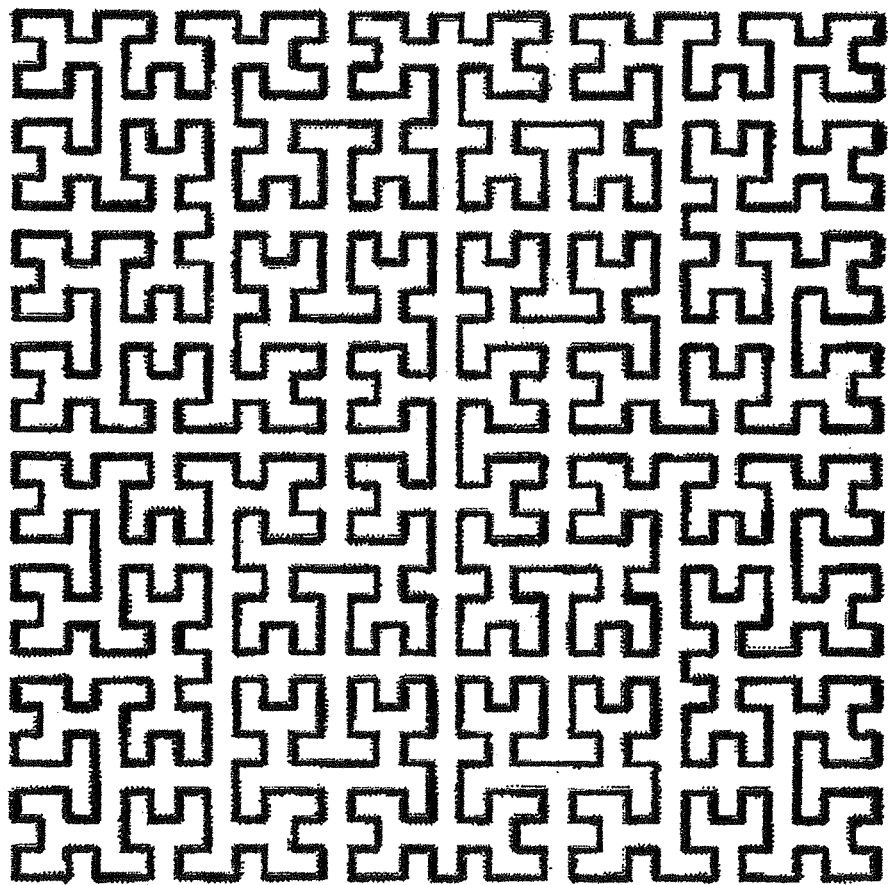
Fig. 62

Fig. 63



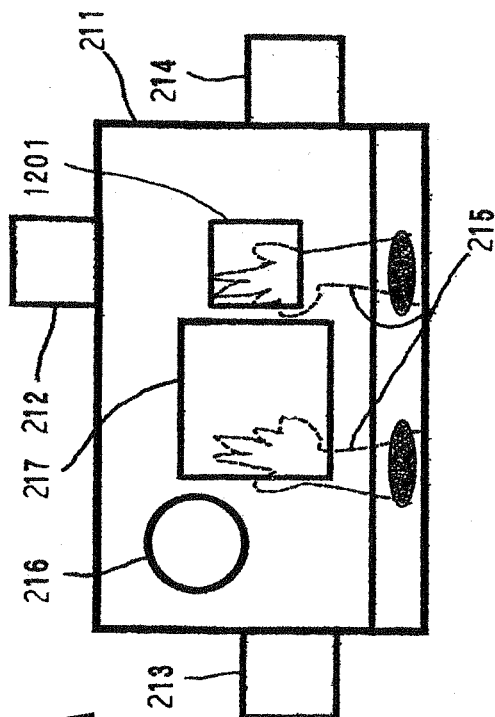


Fig. 64A

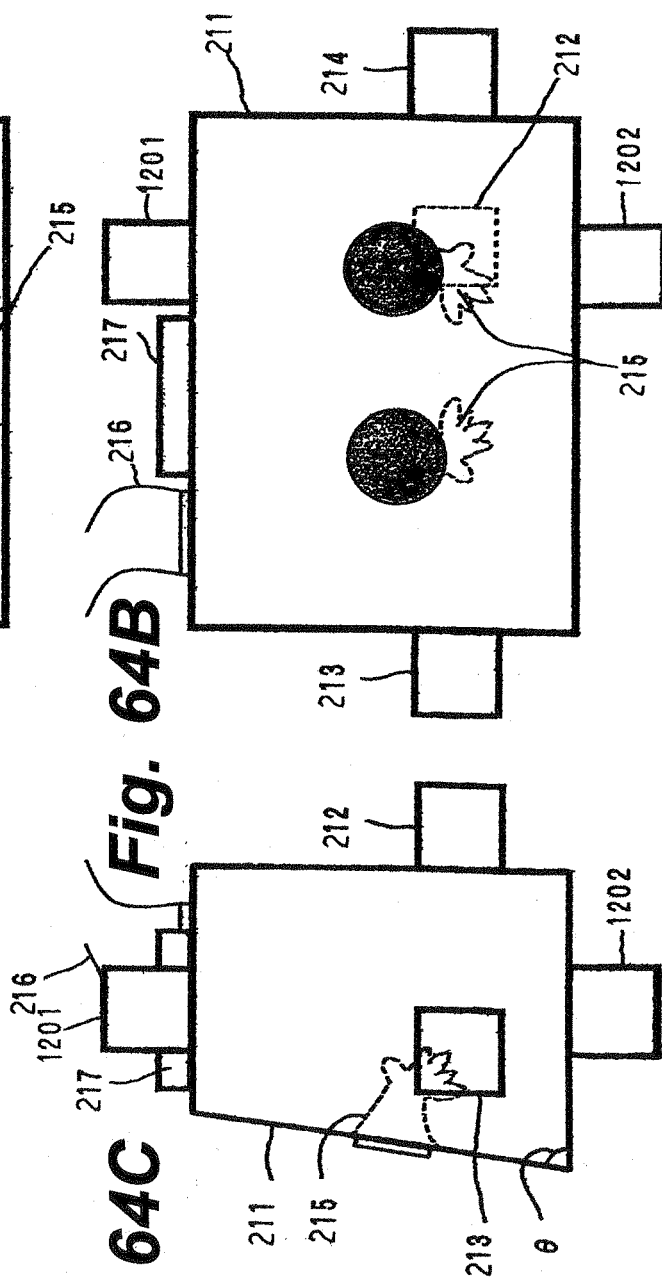


Fig. 64C

Fig. 64C

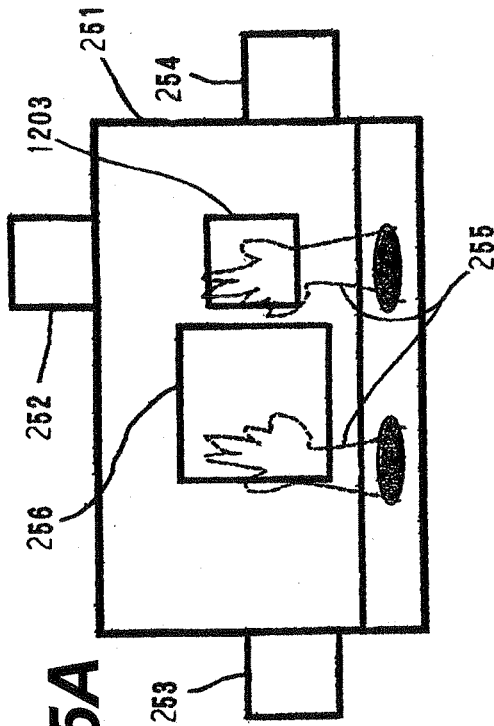


Fig. 65A

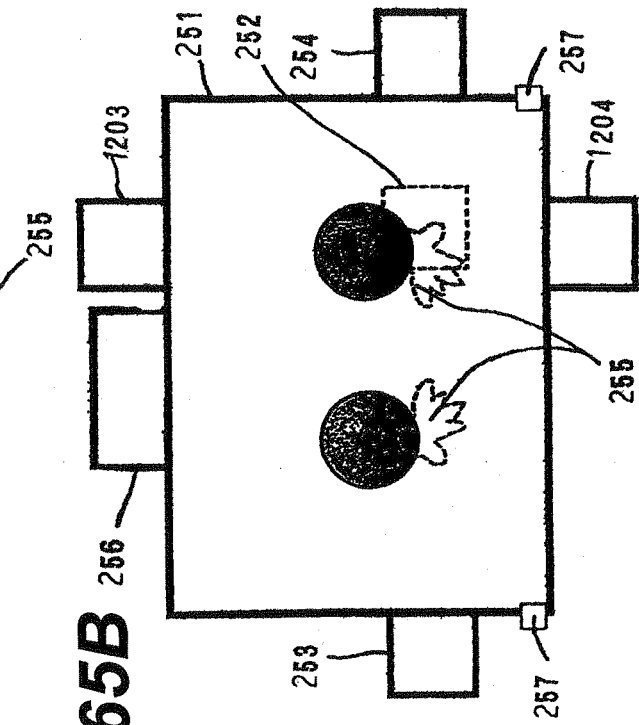


Fig. 65B

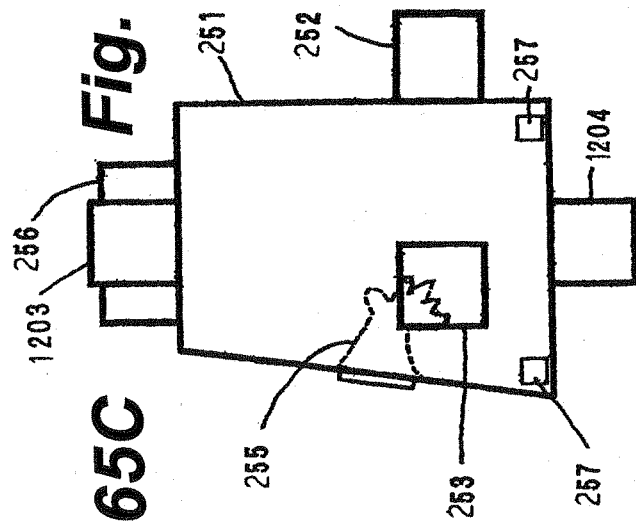


Fig. 65C

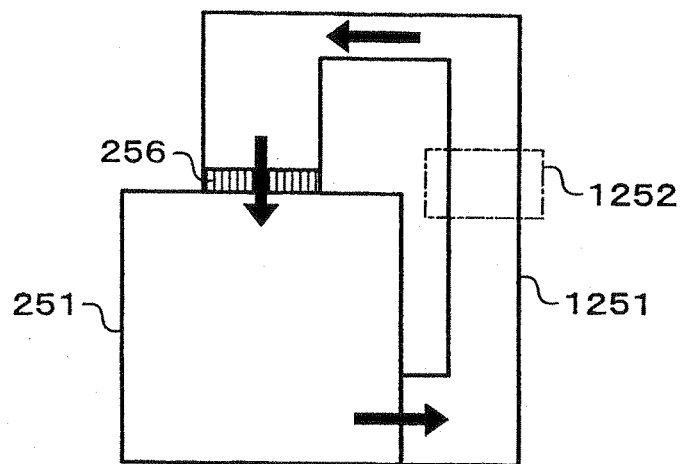
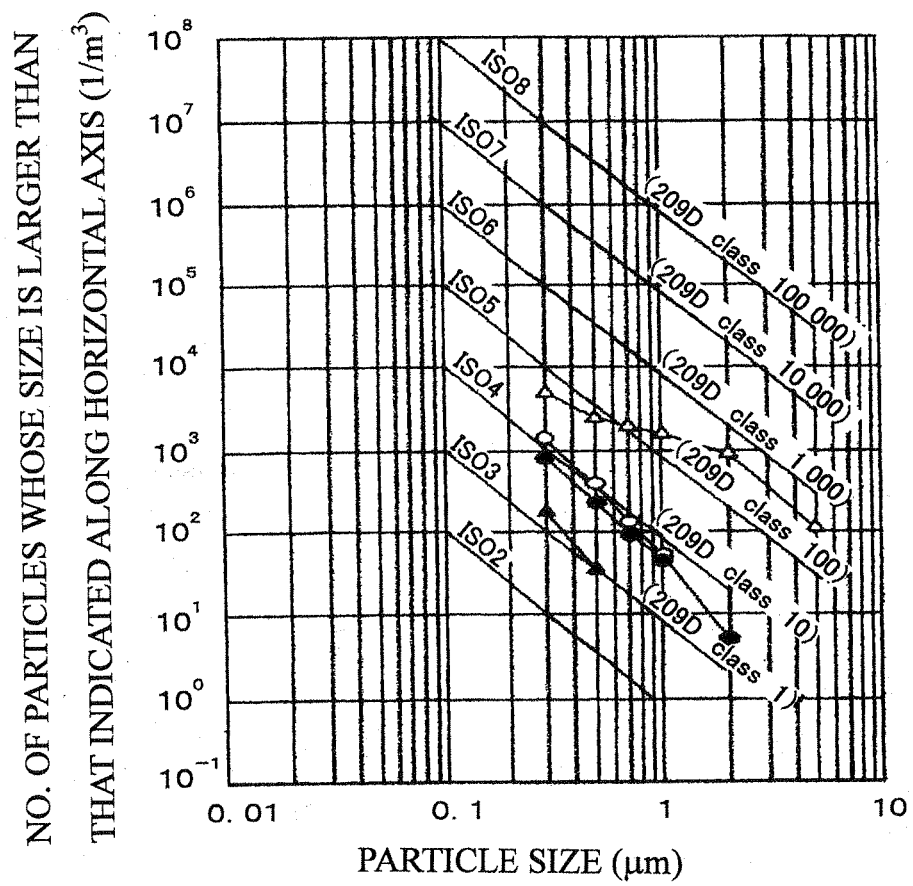
Fig. 66

Fig. 67

DESCRIPTION OF REFERENCE NUMERALS

141	Cu film
142	Ti film
143	Cu ₂ S film
151	anode electrode
151-1~151-n	micro anode electrode
152	cathode electrode
152-1~152-n	micro cathode electrode
153	organic semiconductor film
154,155	output electrode
162	resin-made base film
181	oxide film
182	metal film
194	center shaft
195-1~195-n	p-contact layer
196	connector
197-1~197-n	electrode
211,251,1601	work chamber