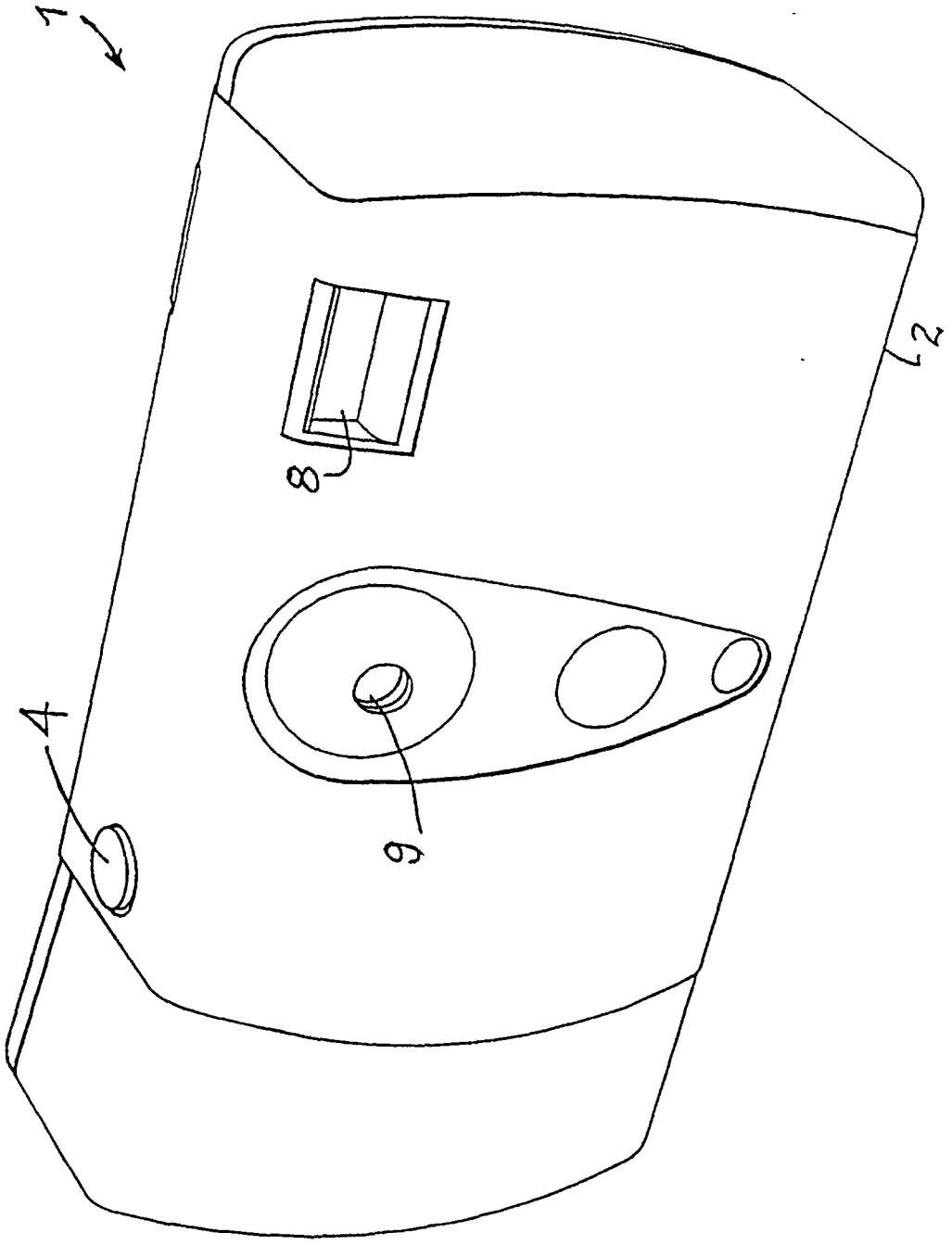
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G00002

Fig. 1



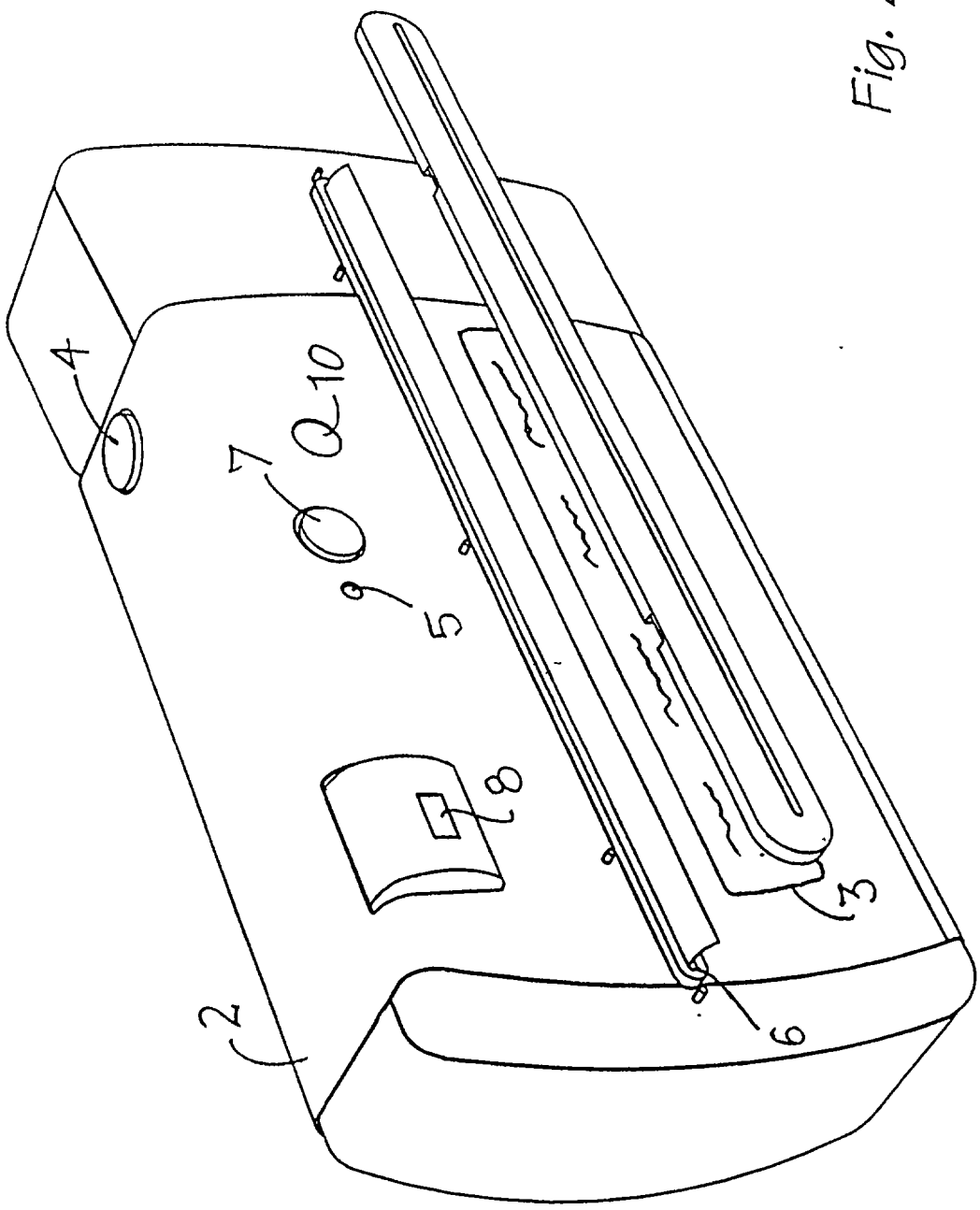


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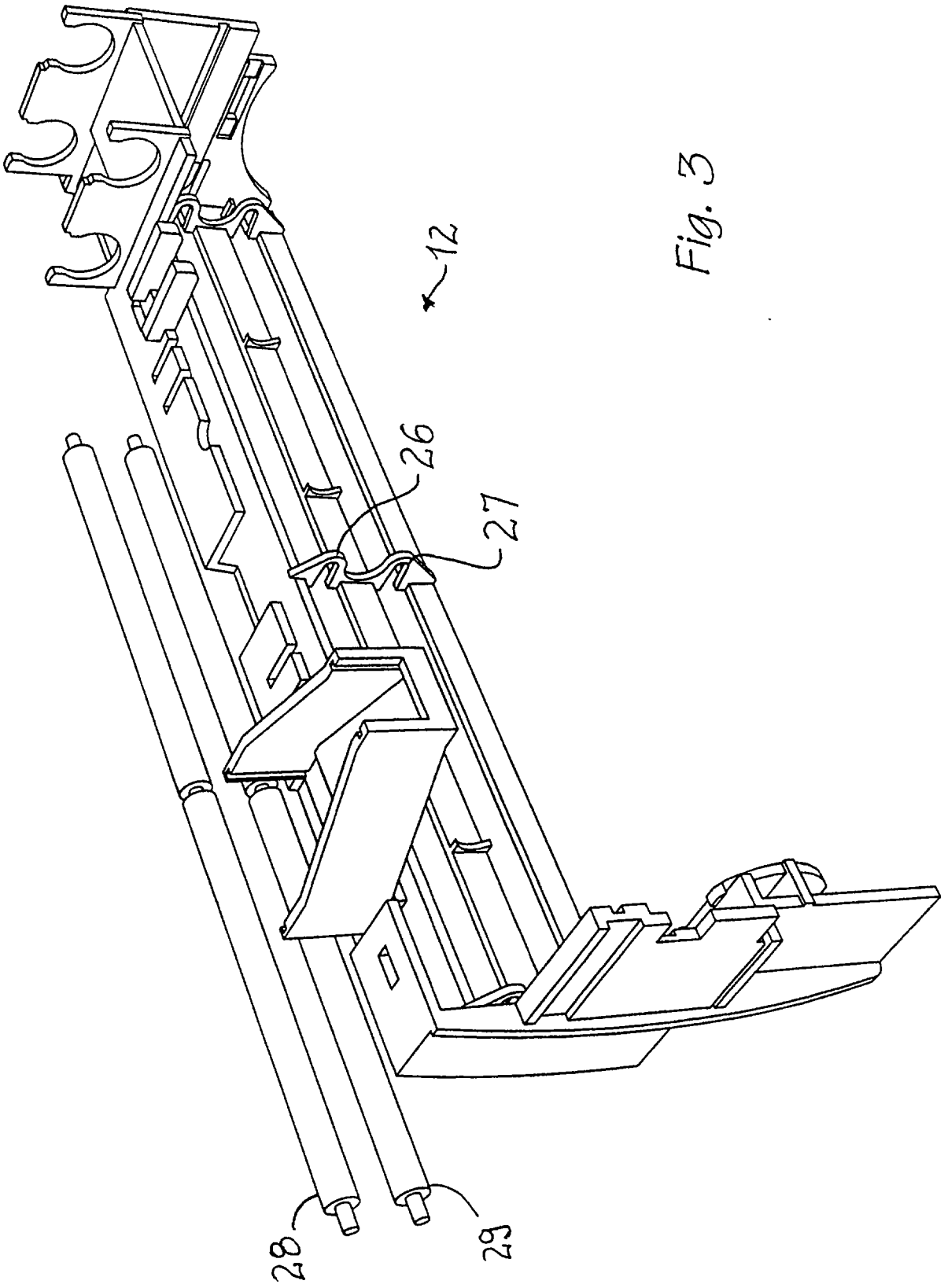


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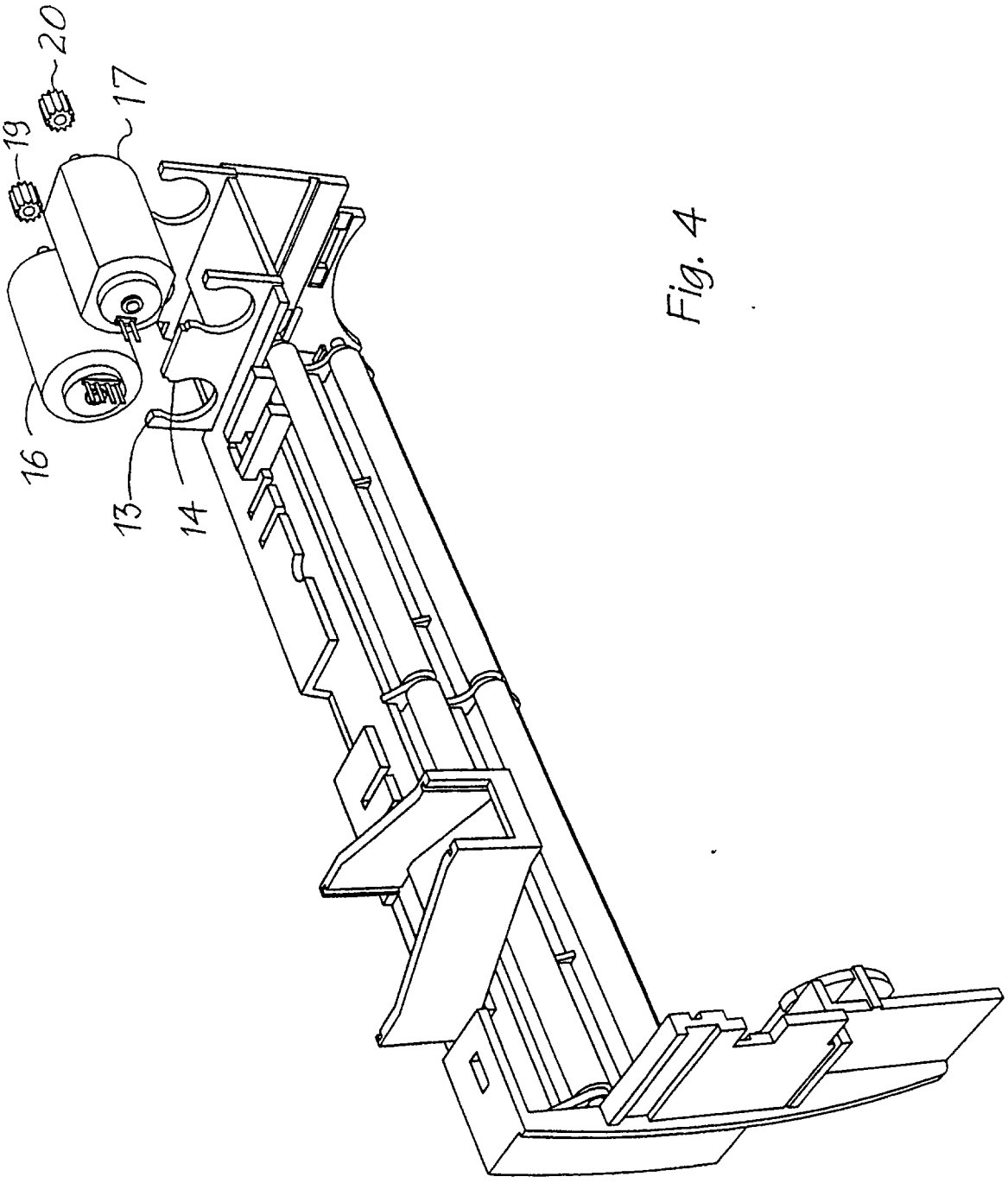


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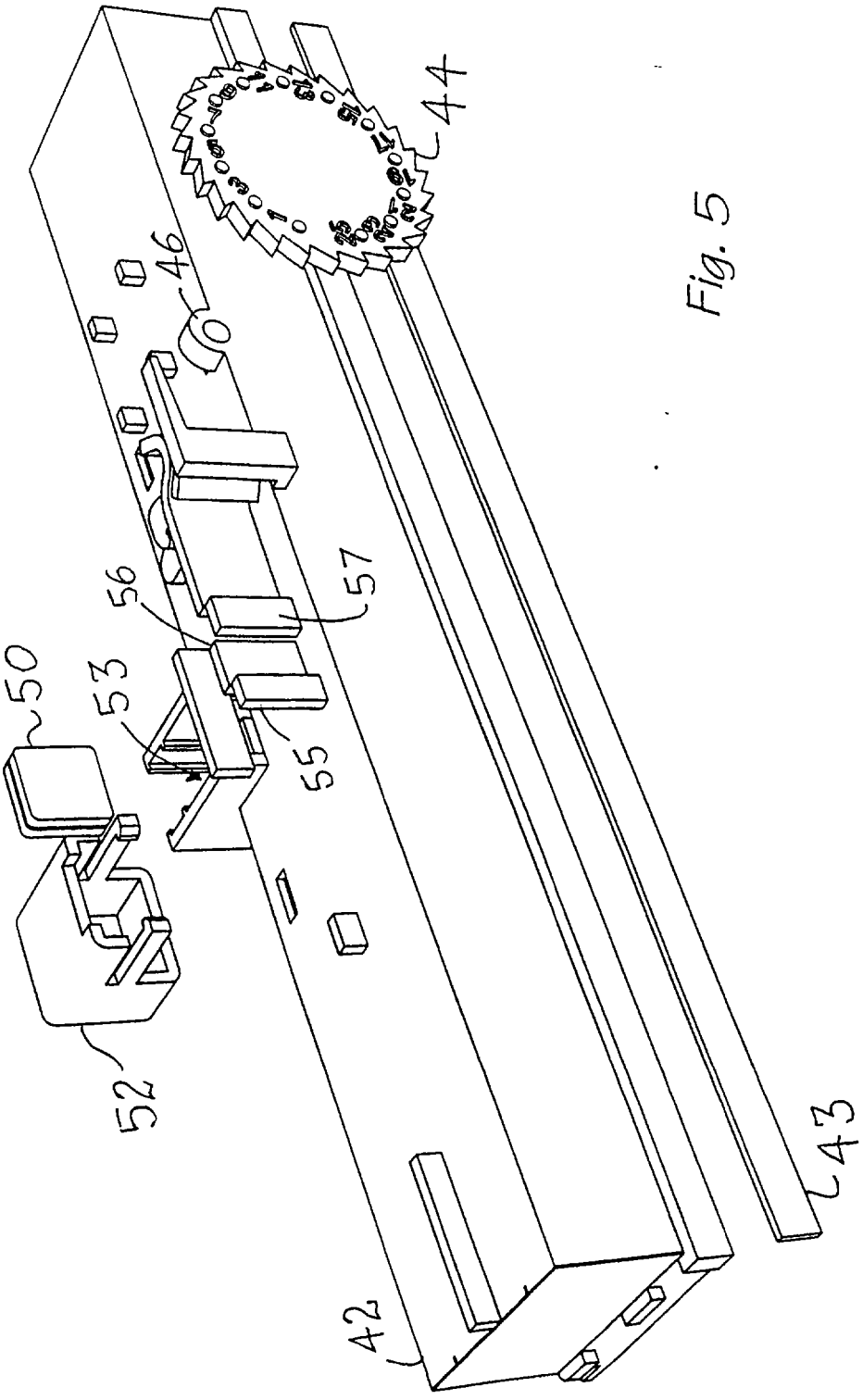


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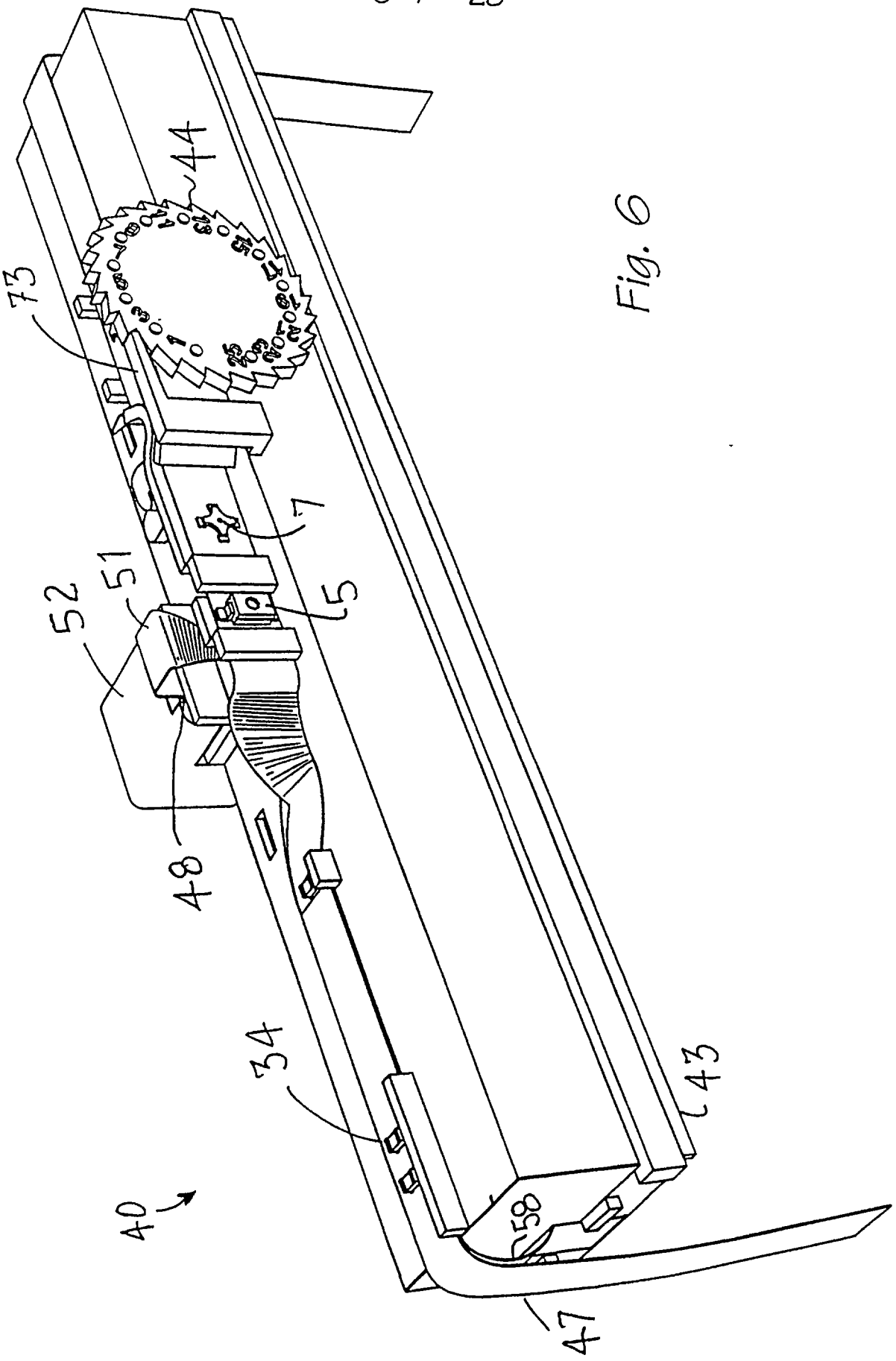


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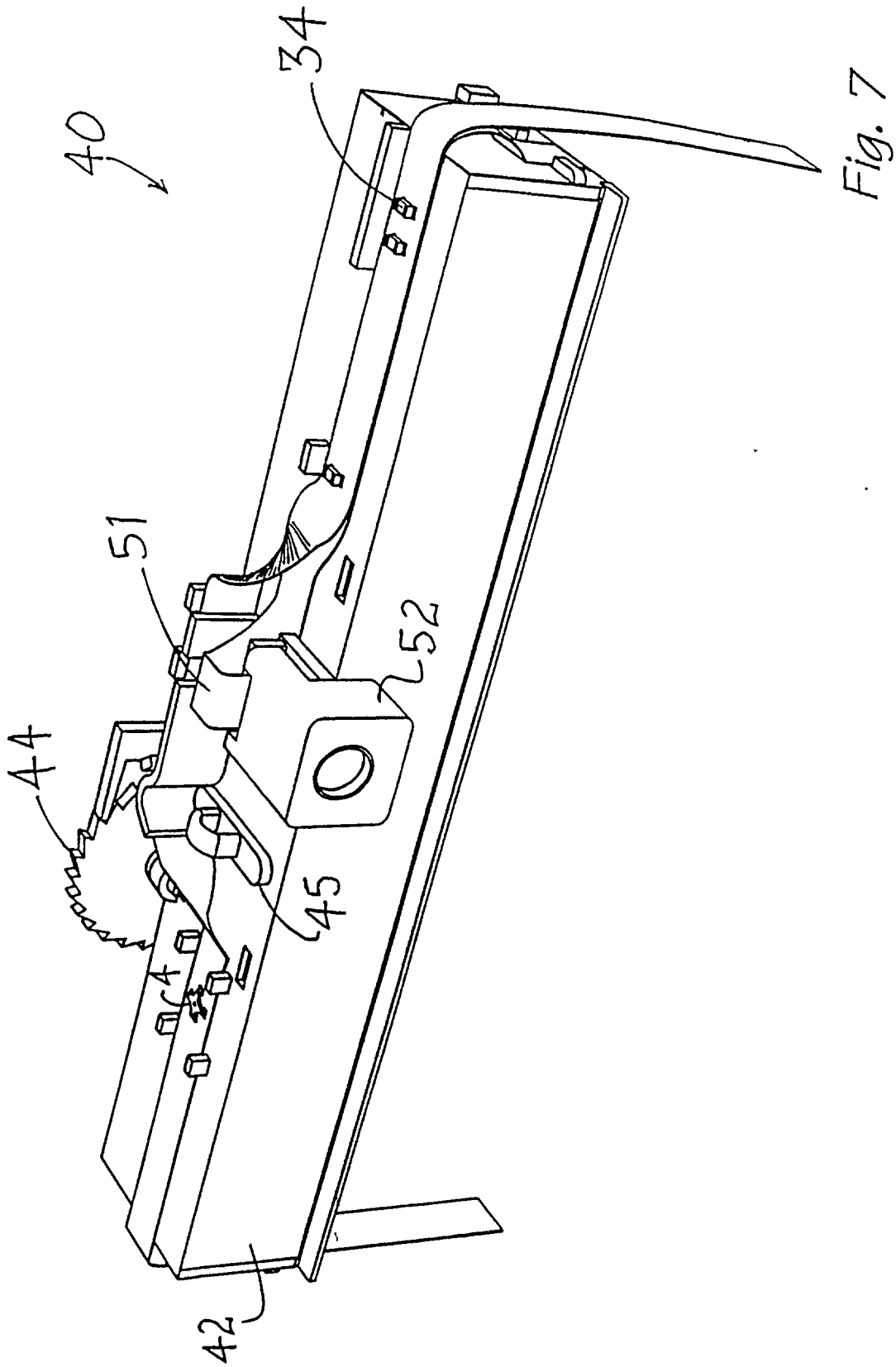


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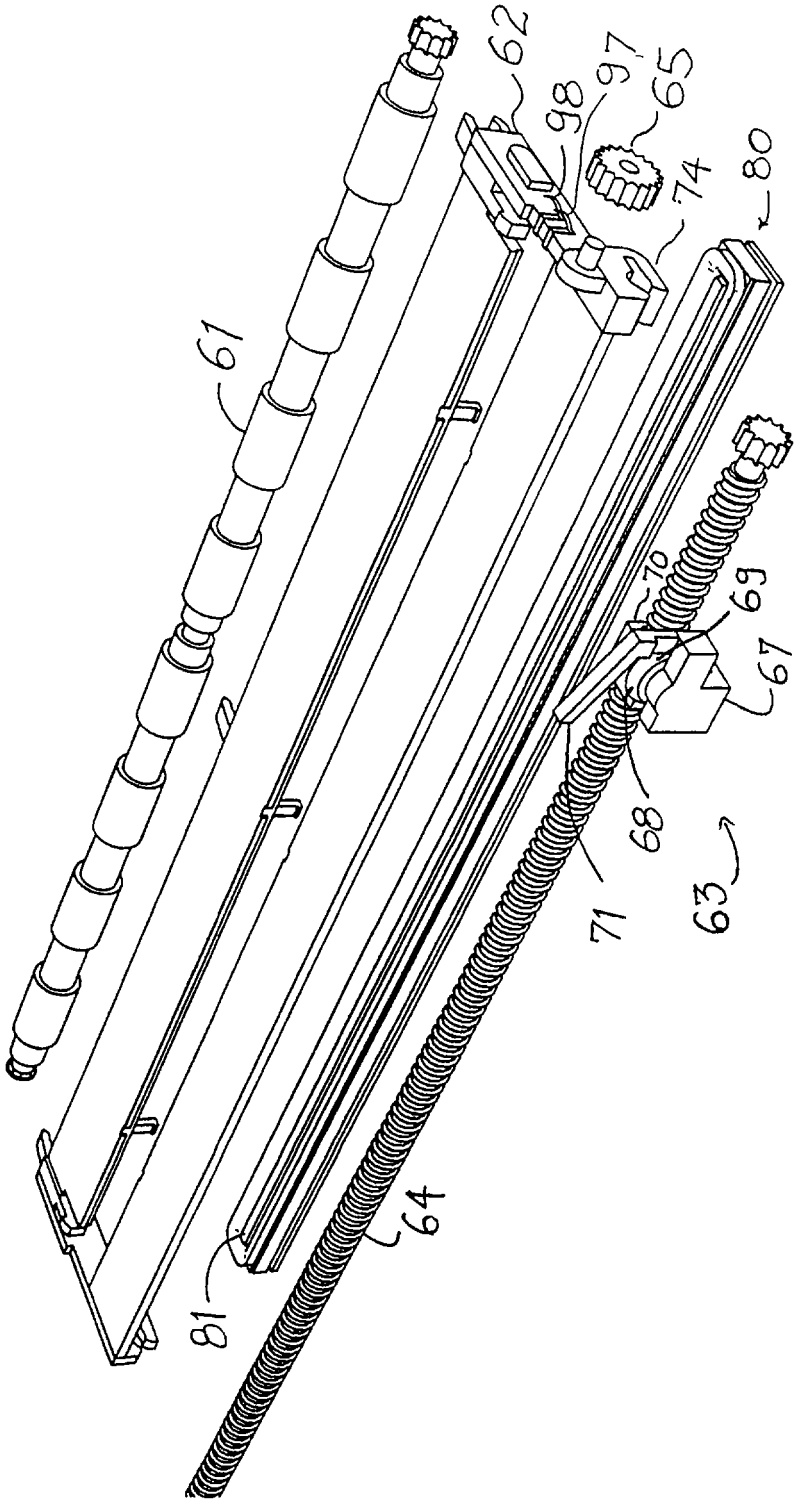


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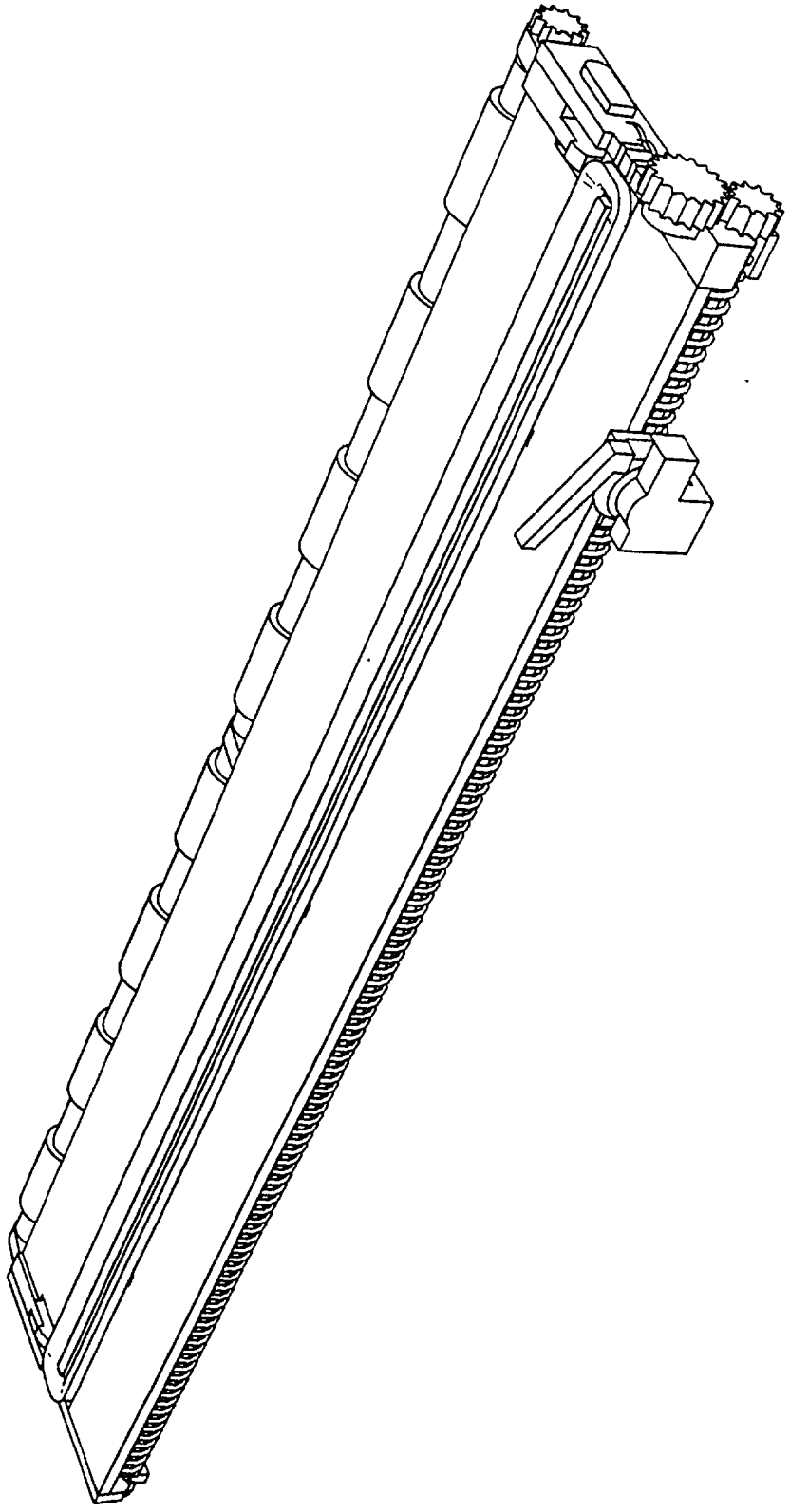


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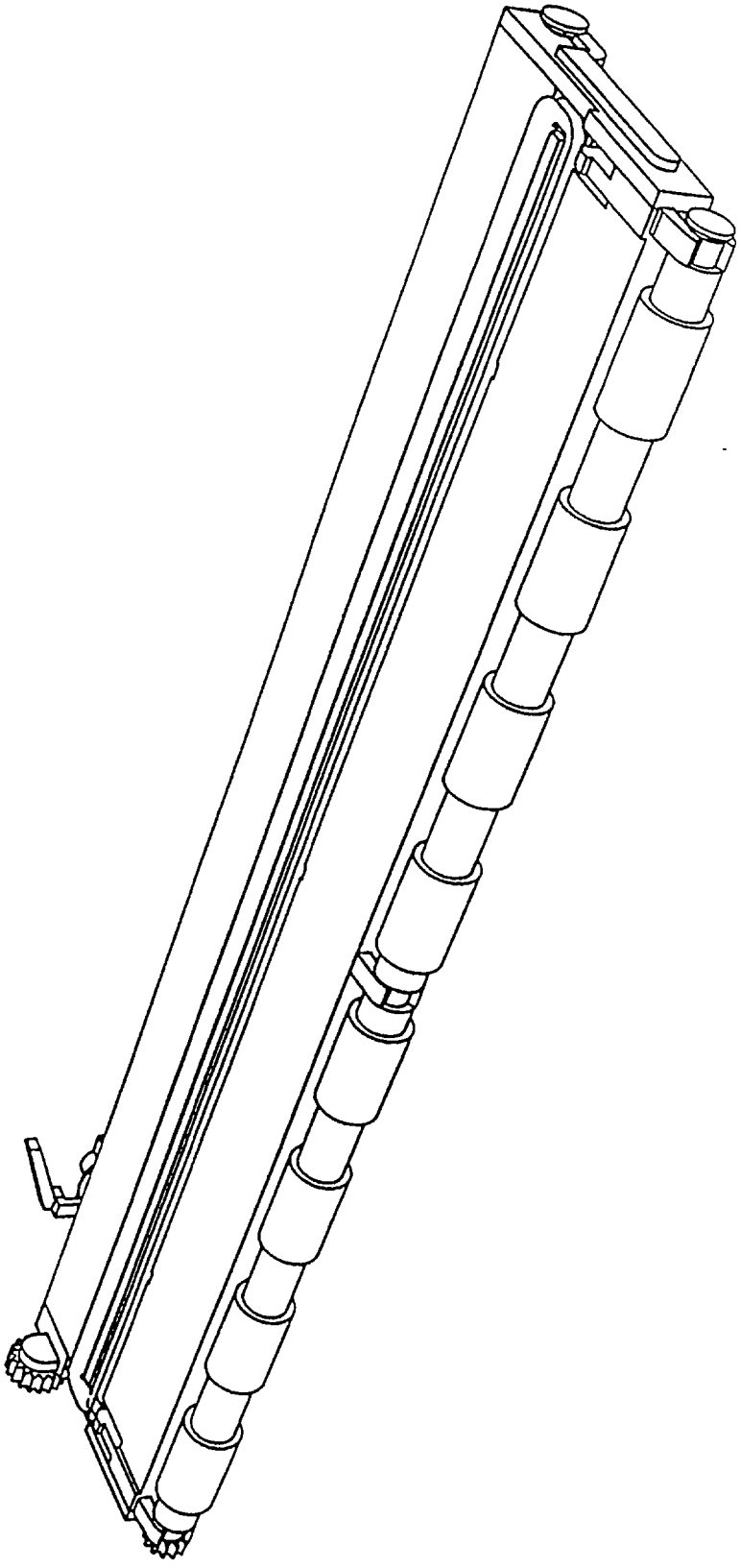


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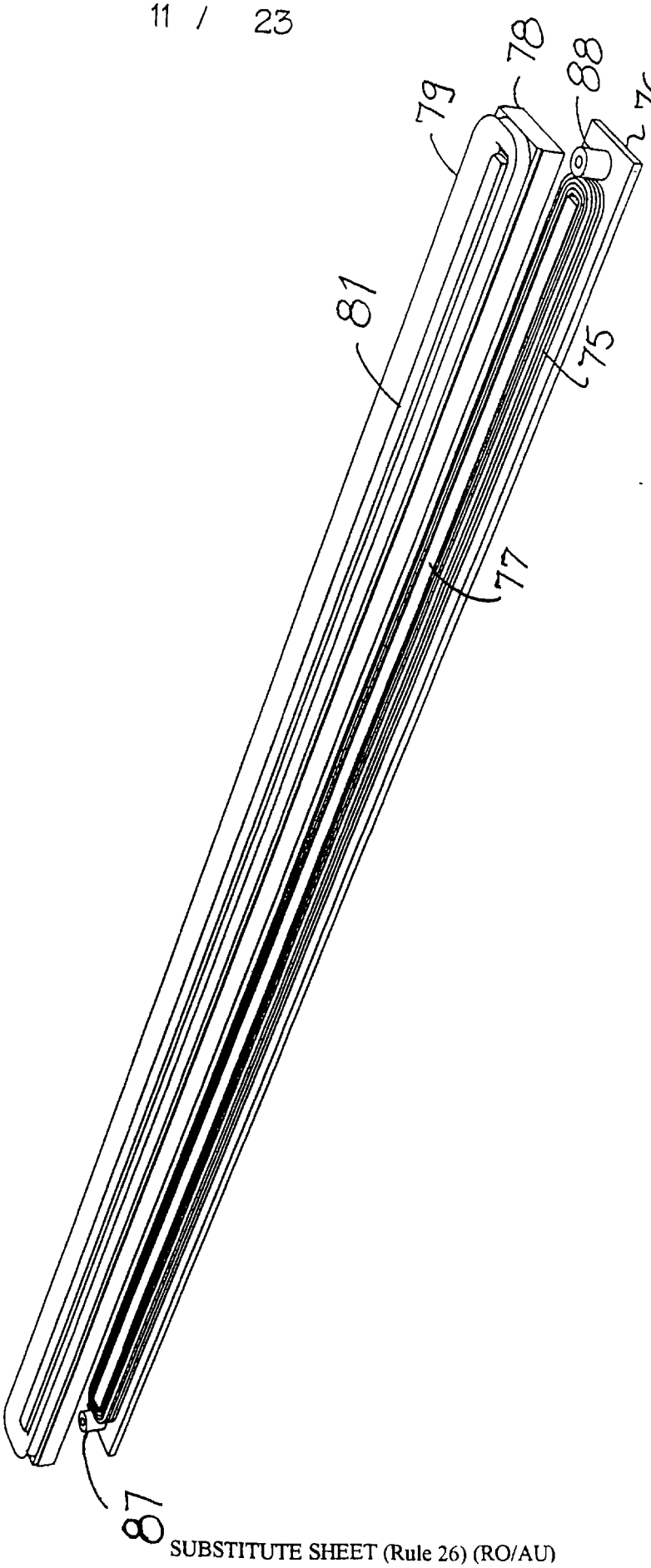


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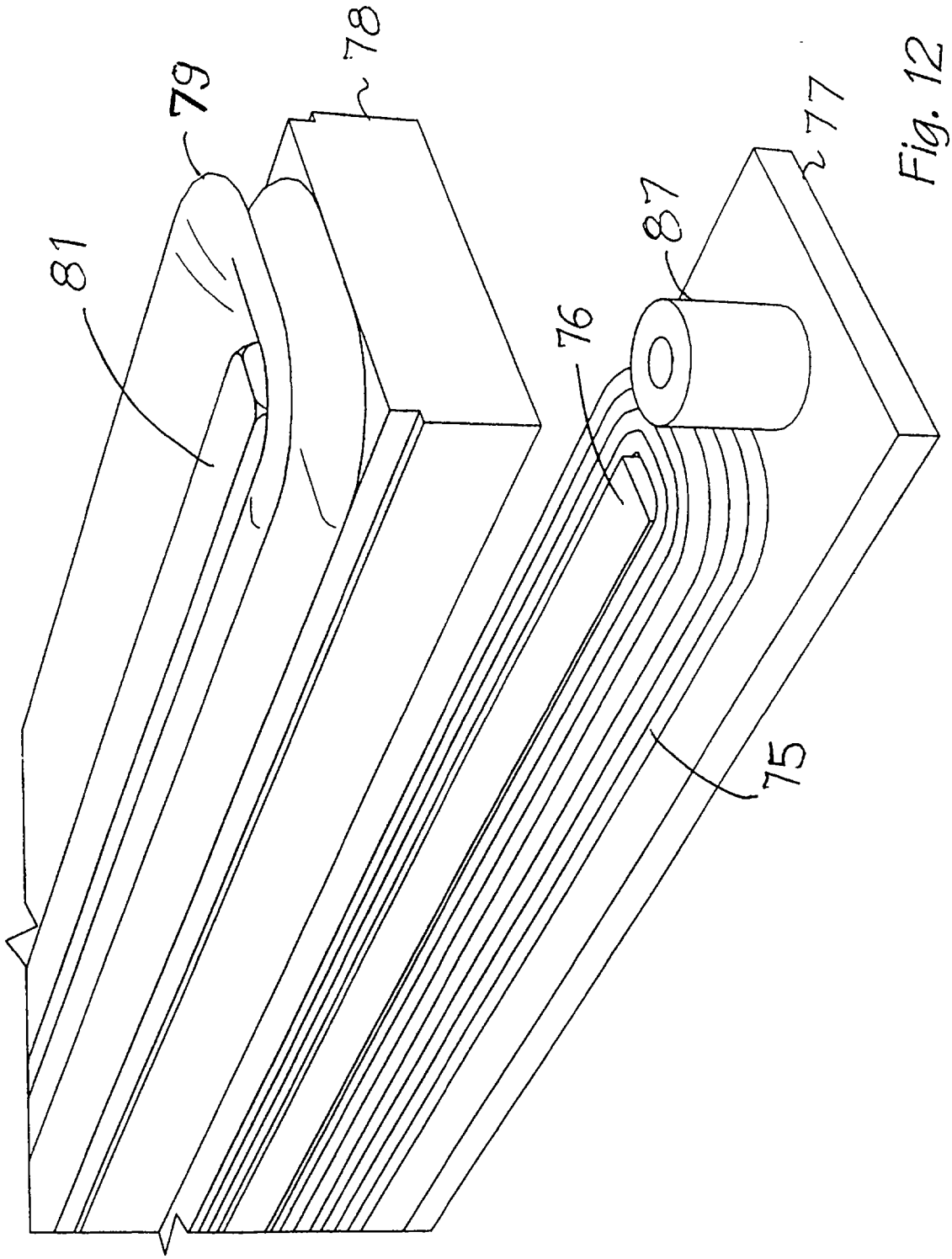


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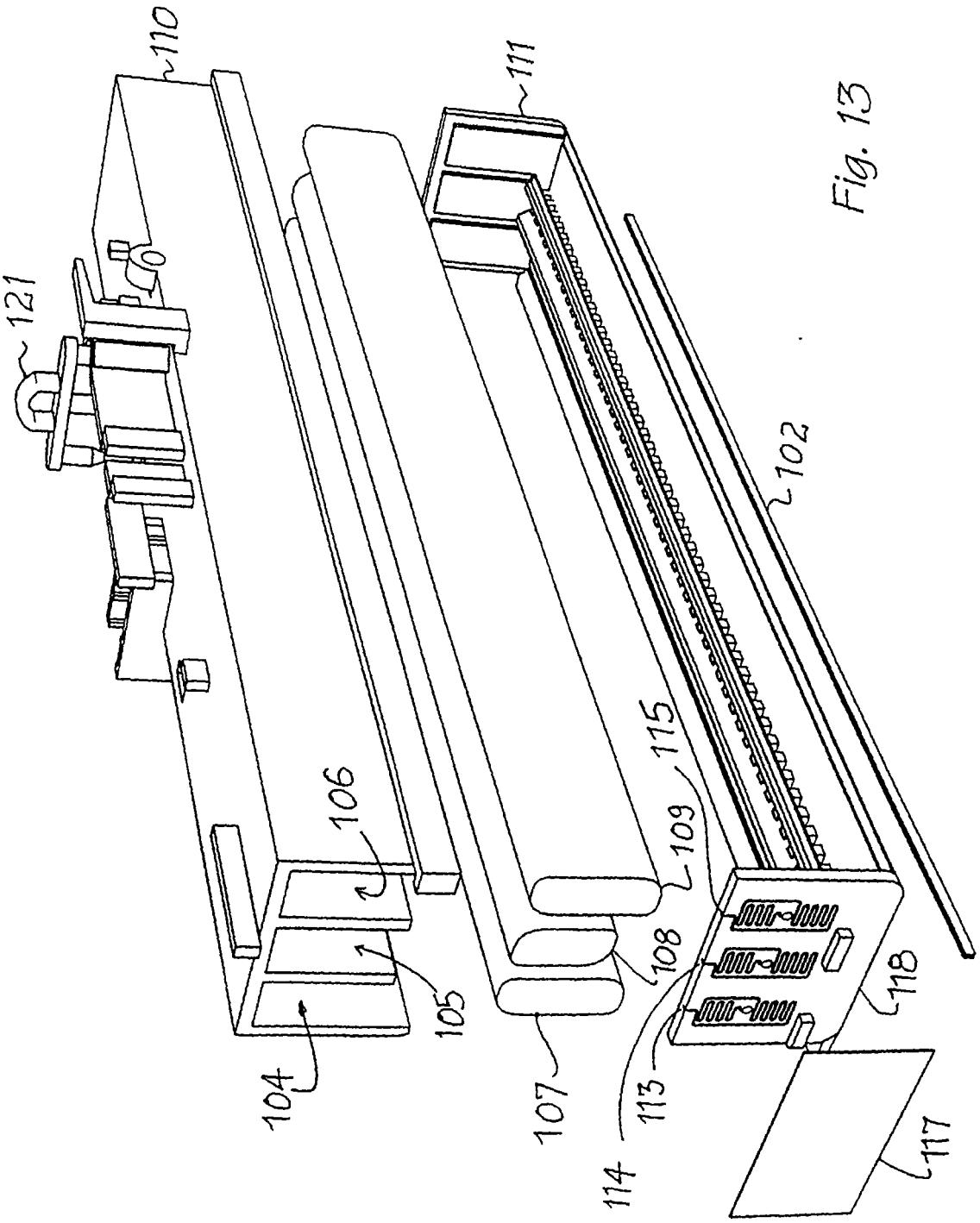


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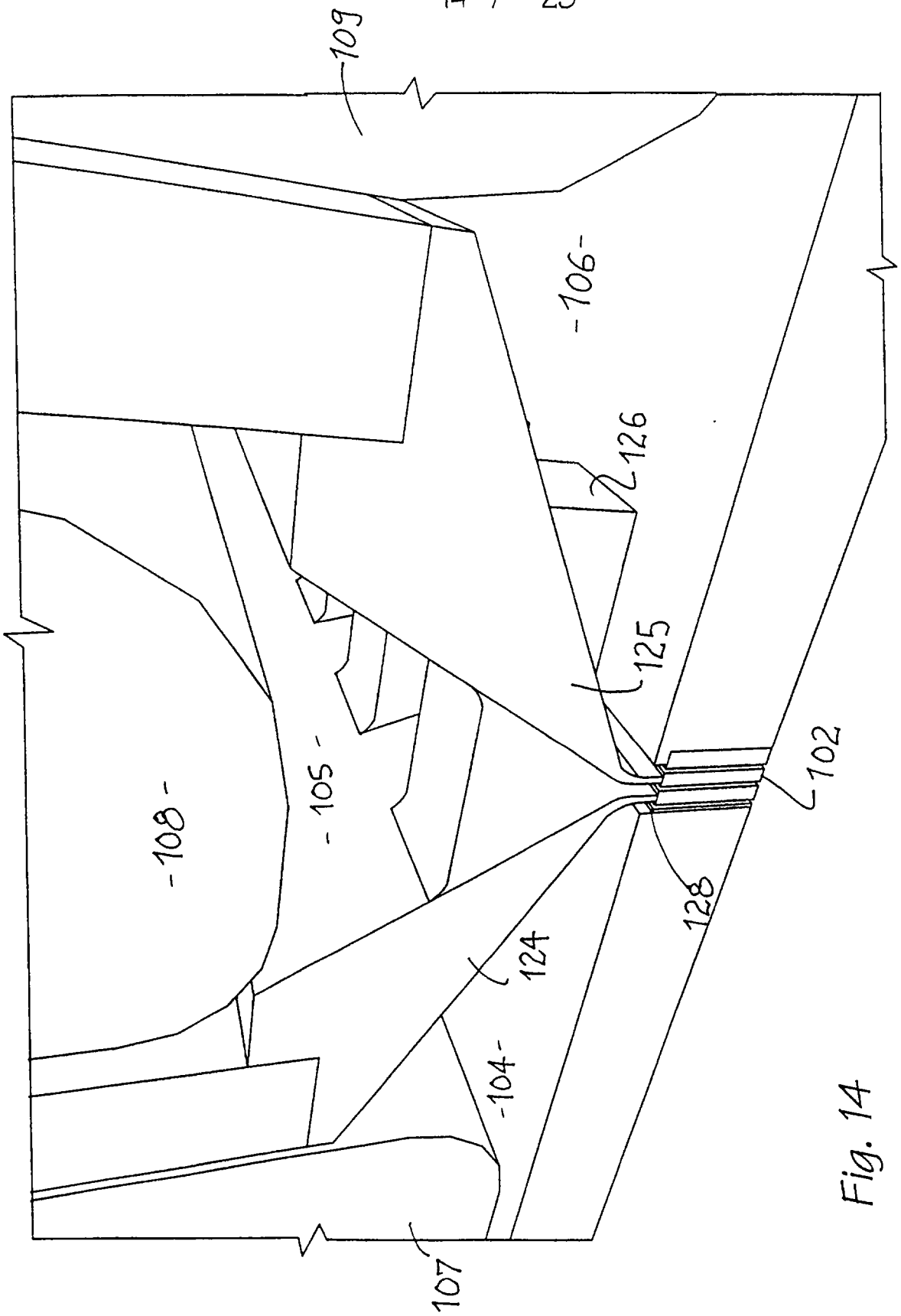


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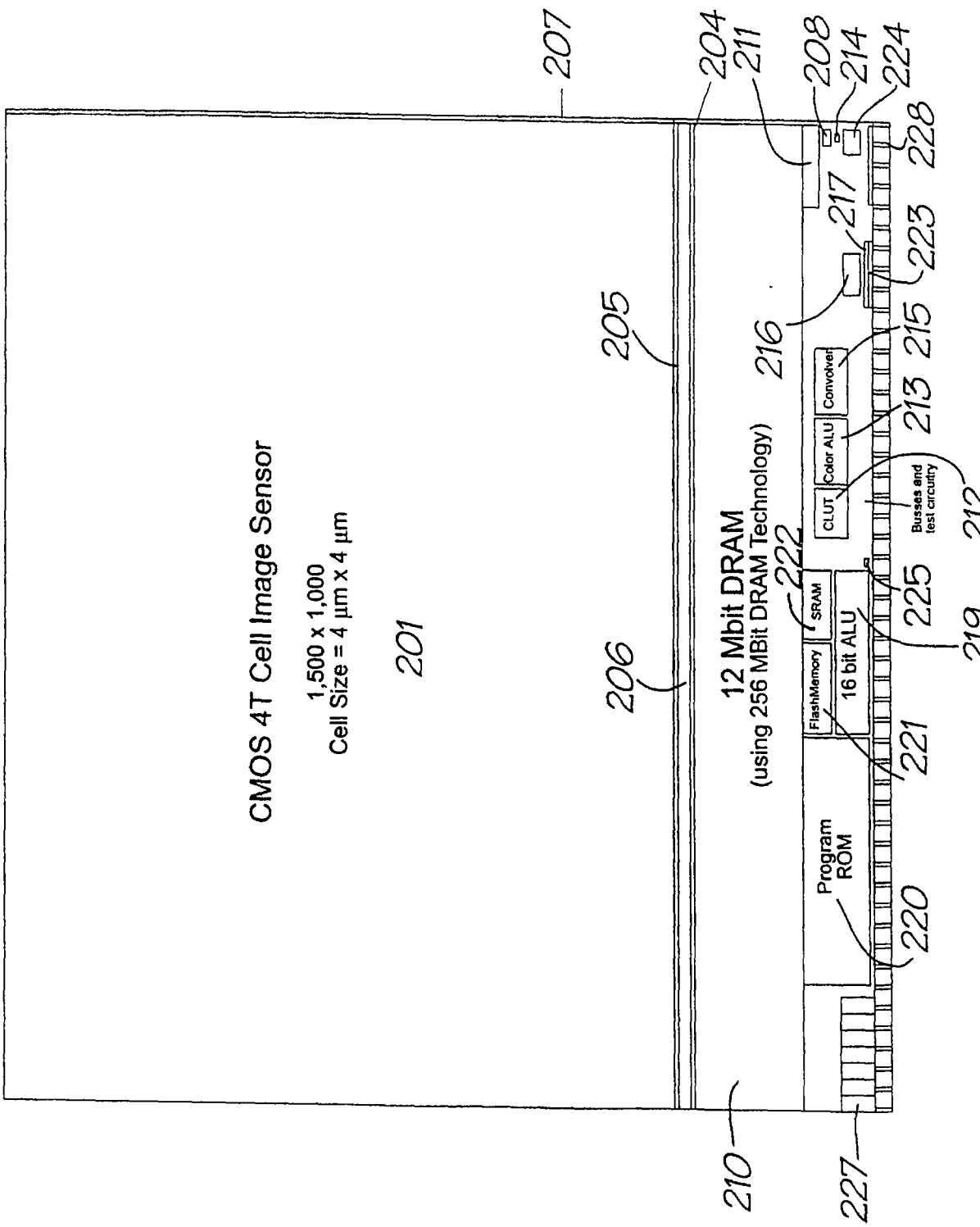

CMOS 4T Cell Image Sensor
1,500 x 1,000
Cell Size = 4 µm x 4 µm
201
12 Mbit DRAM
(using 256 MBit DRAM Technology)
FlashMemory
SRAM
16 bit ALU
Program ROM
CLUT
Color ALU
Convolver
Busses and test circuitry
207
204
211
208
214
224
228
217
223
216
215
205
213
212
222
225
219
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221
220
210
227

Fig. 15

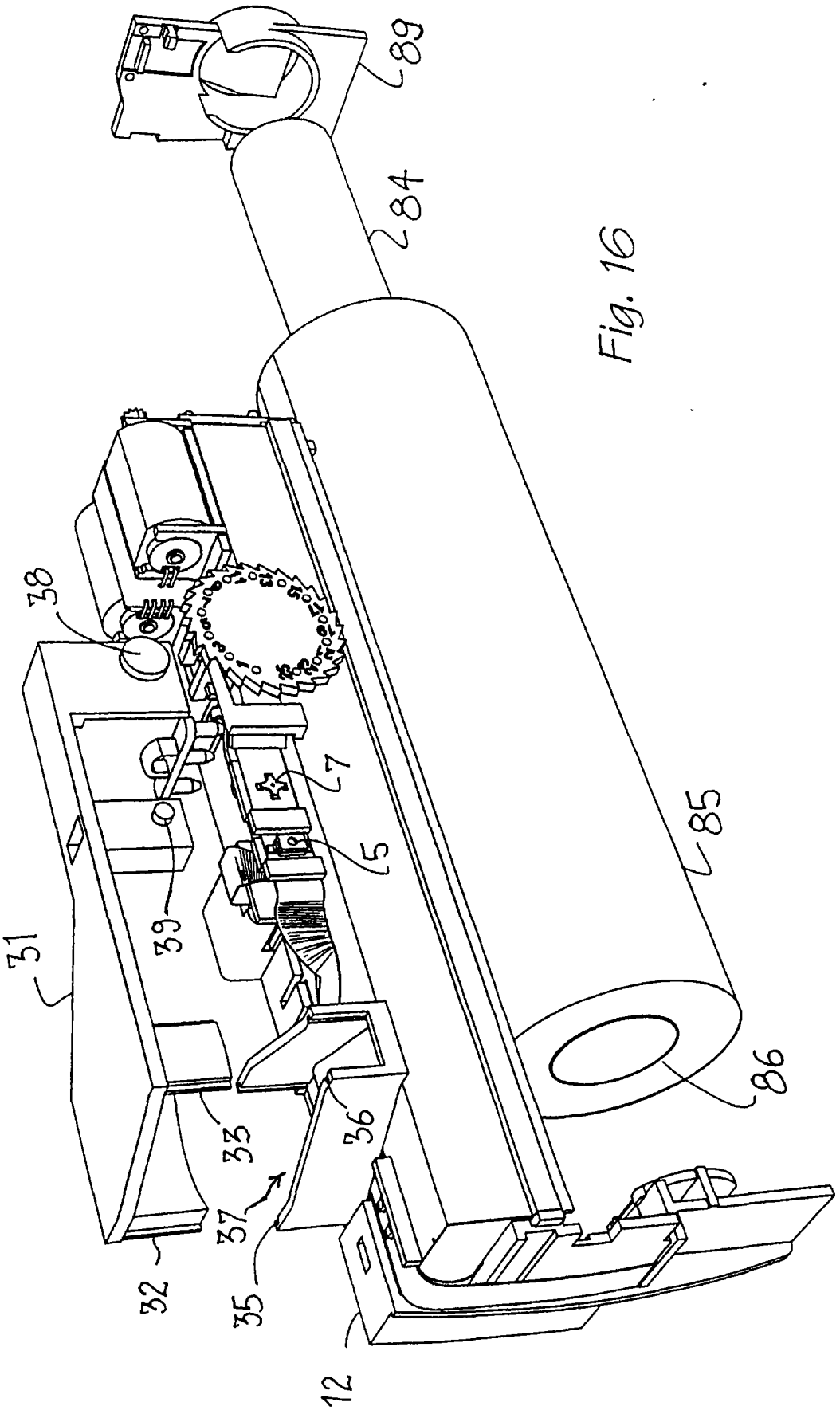


Fig. 16

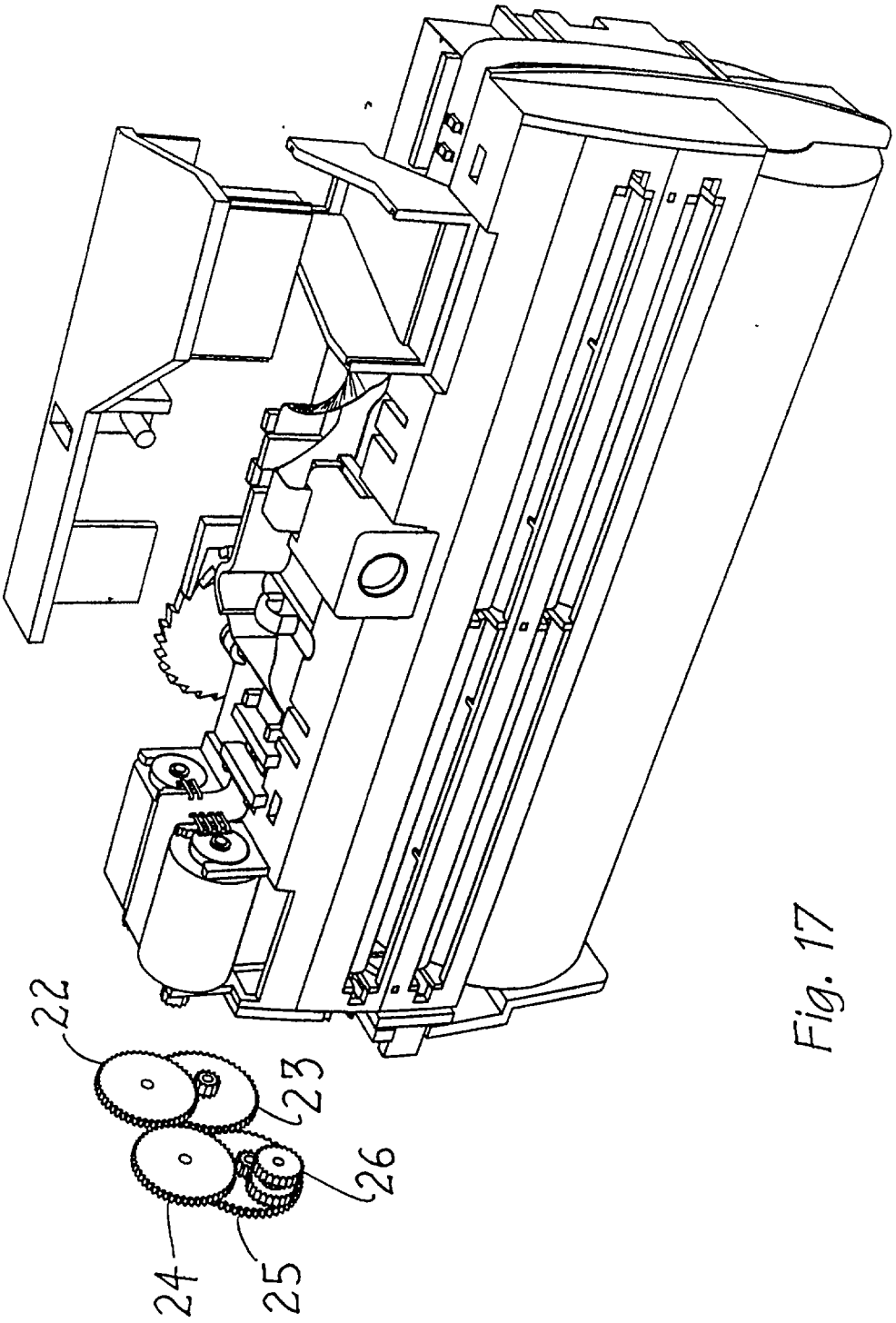


Fig. 17

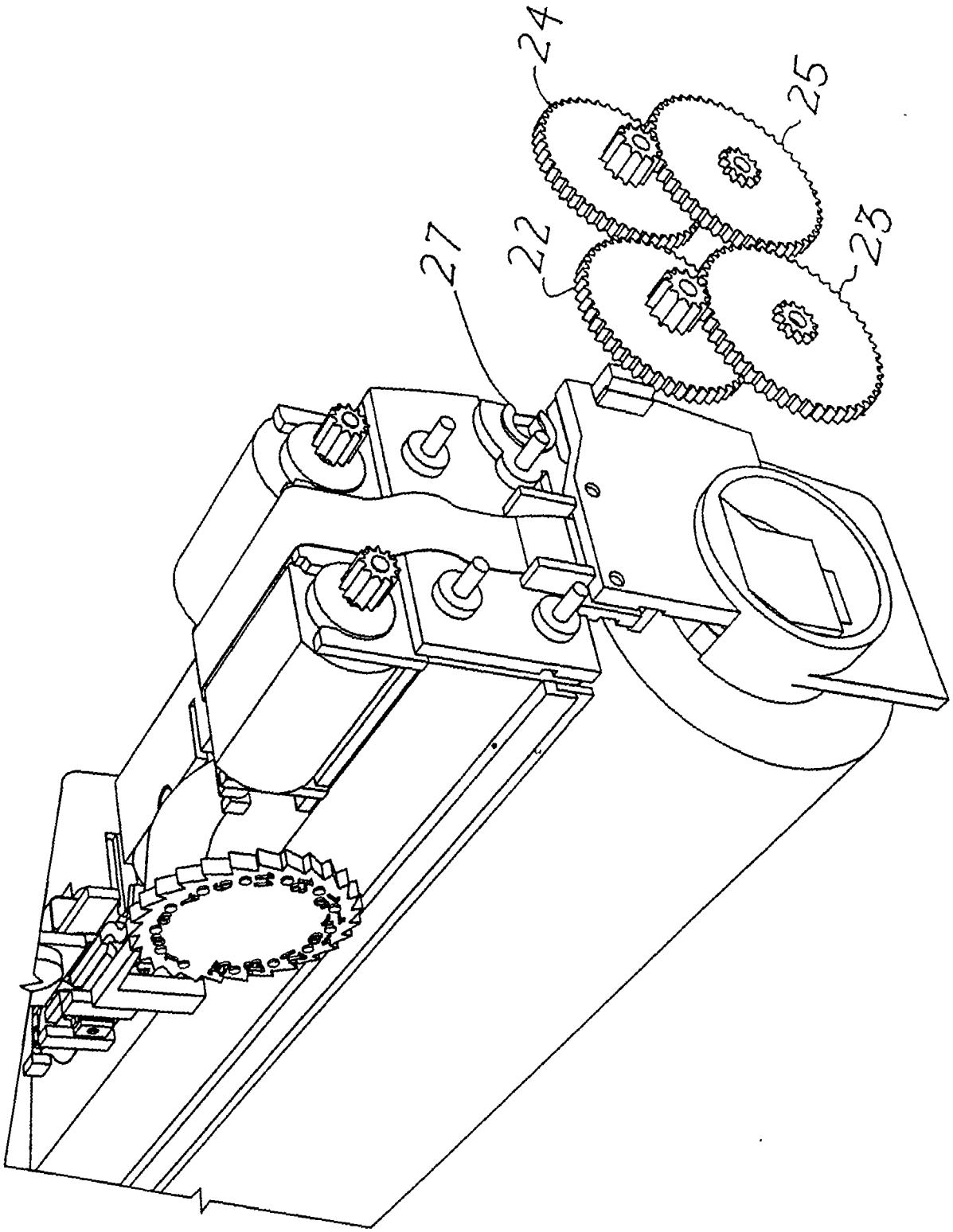


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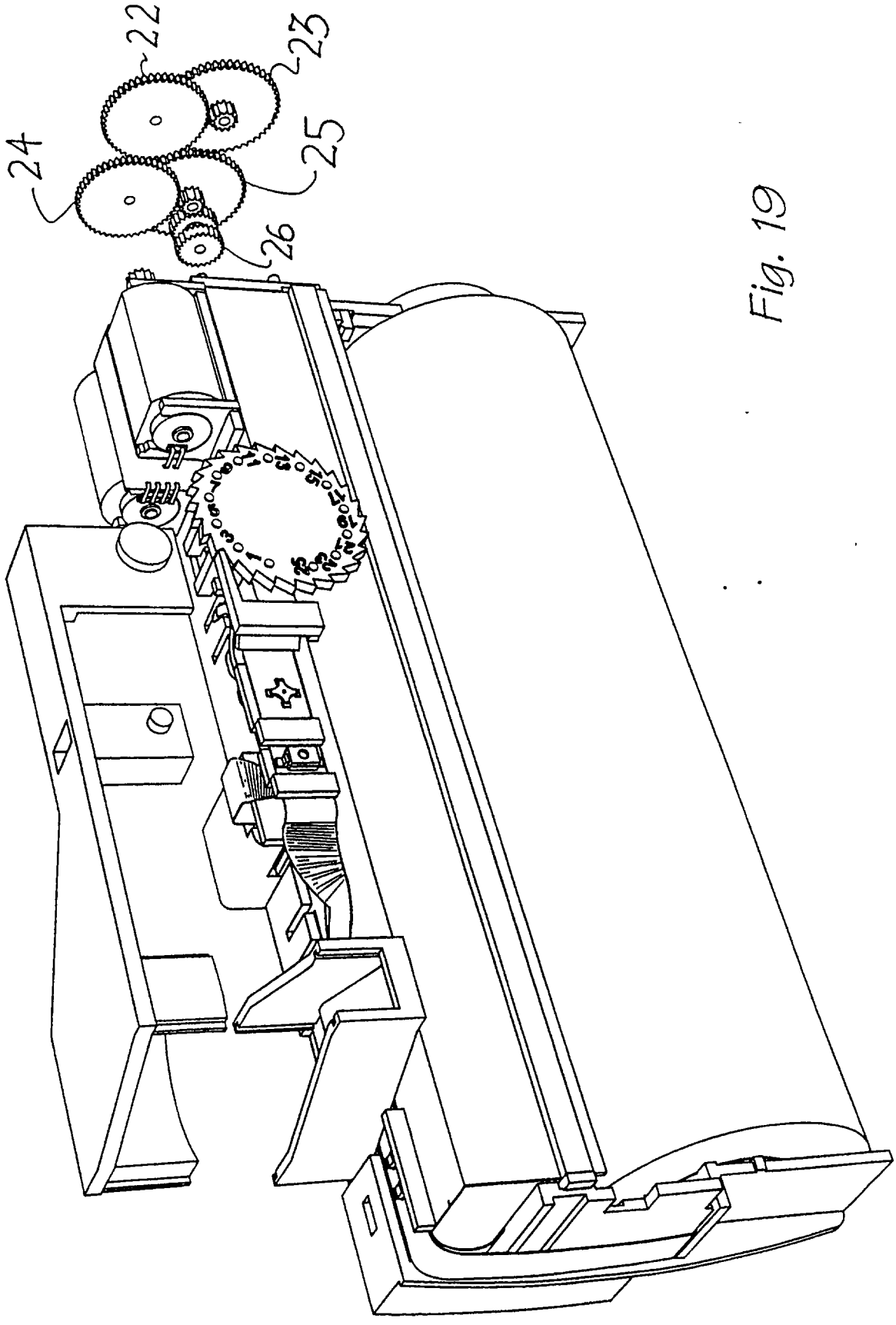


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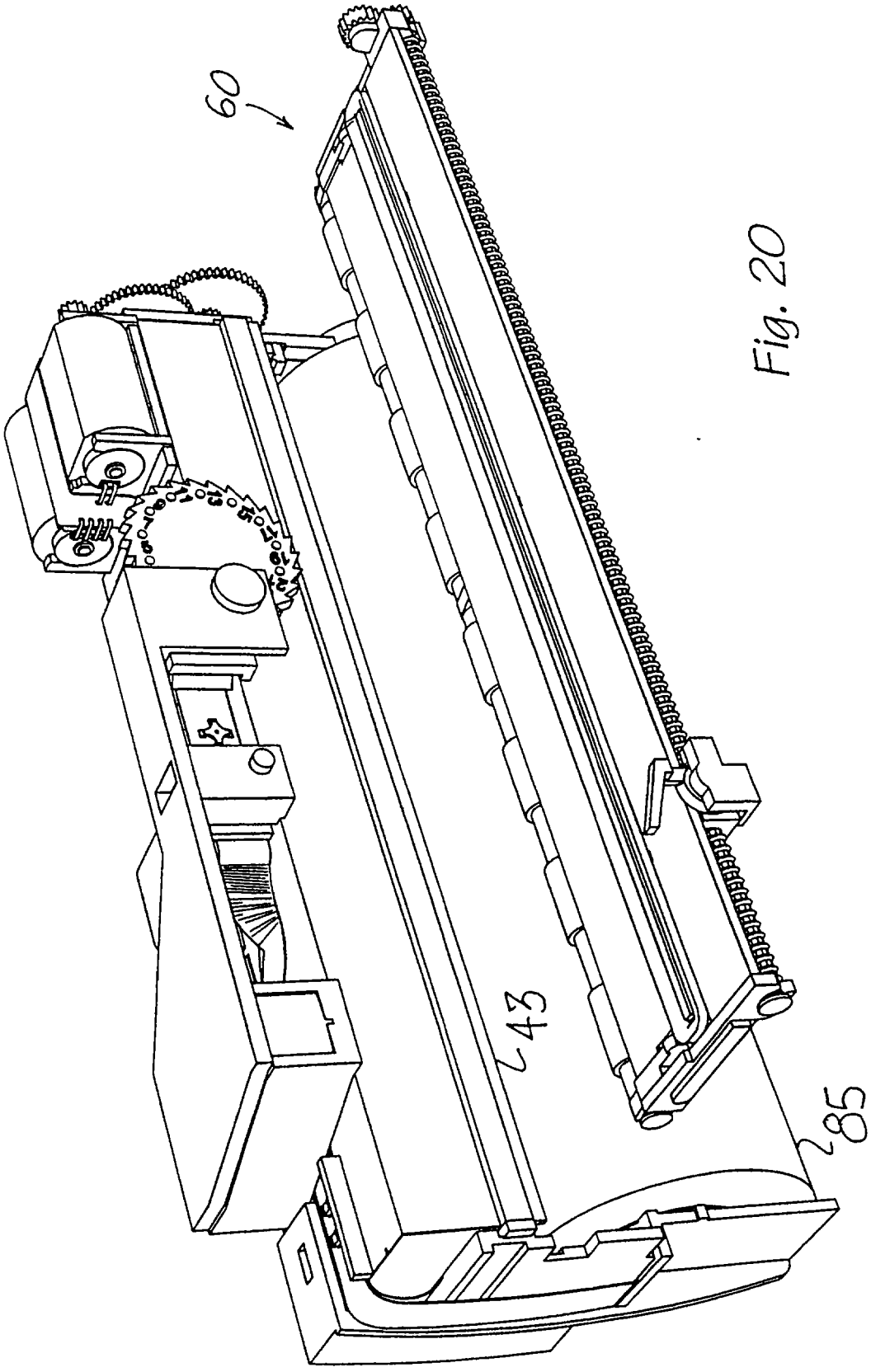


Fig. 20

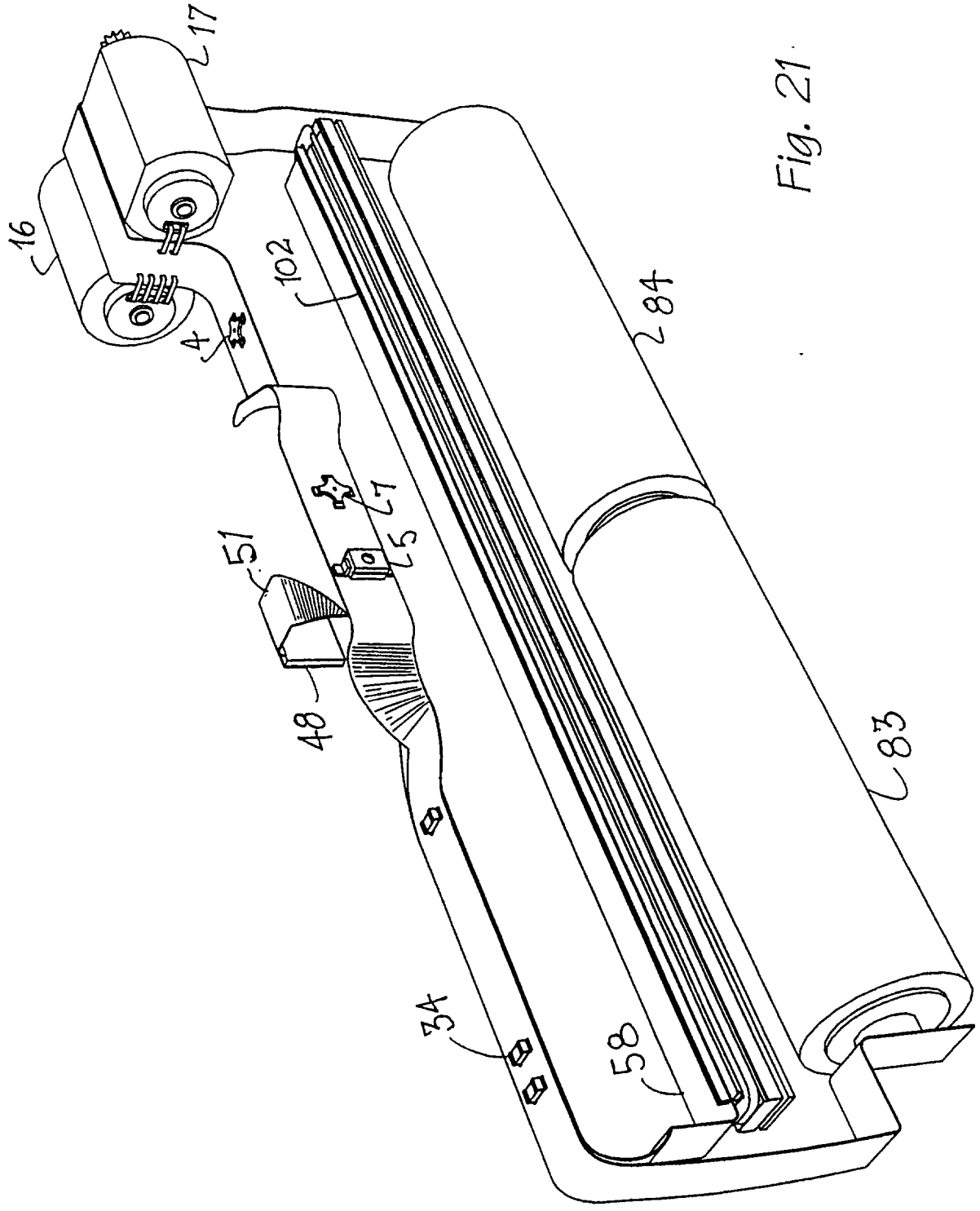


Fig. 21

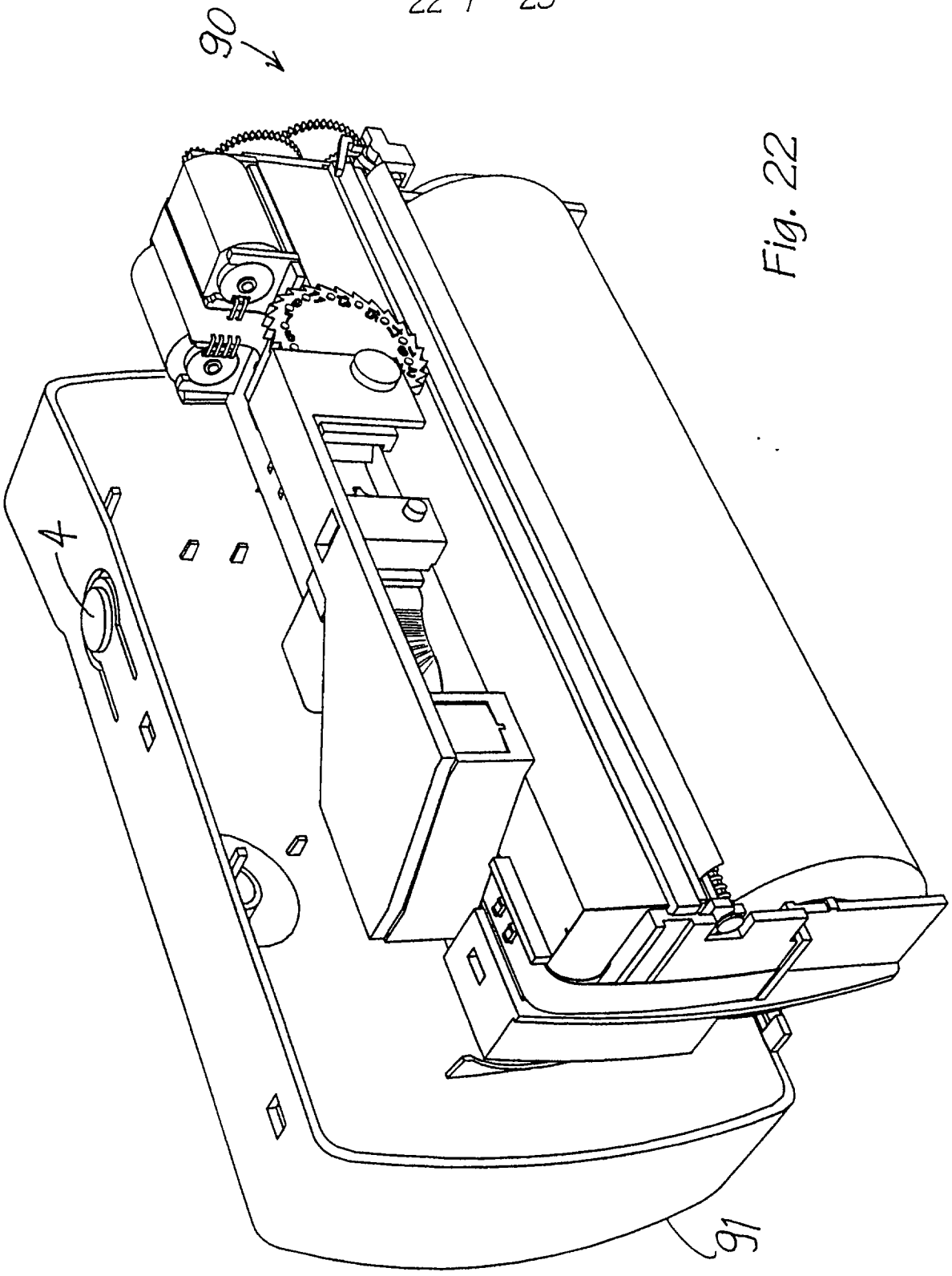


Fig. 22

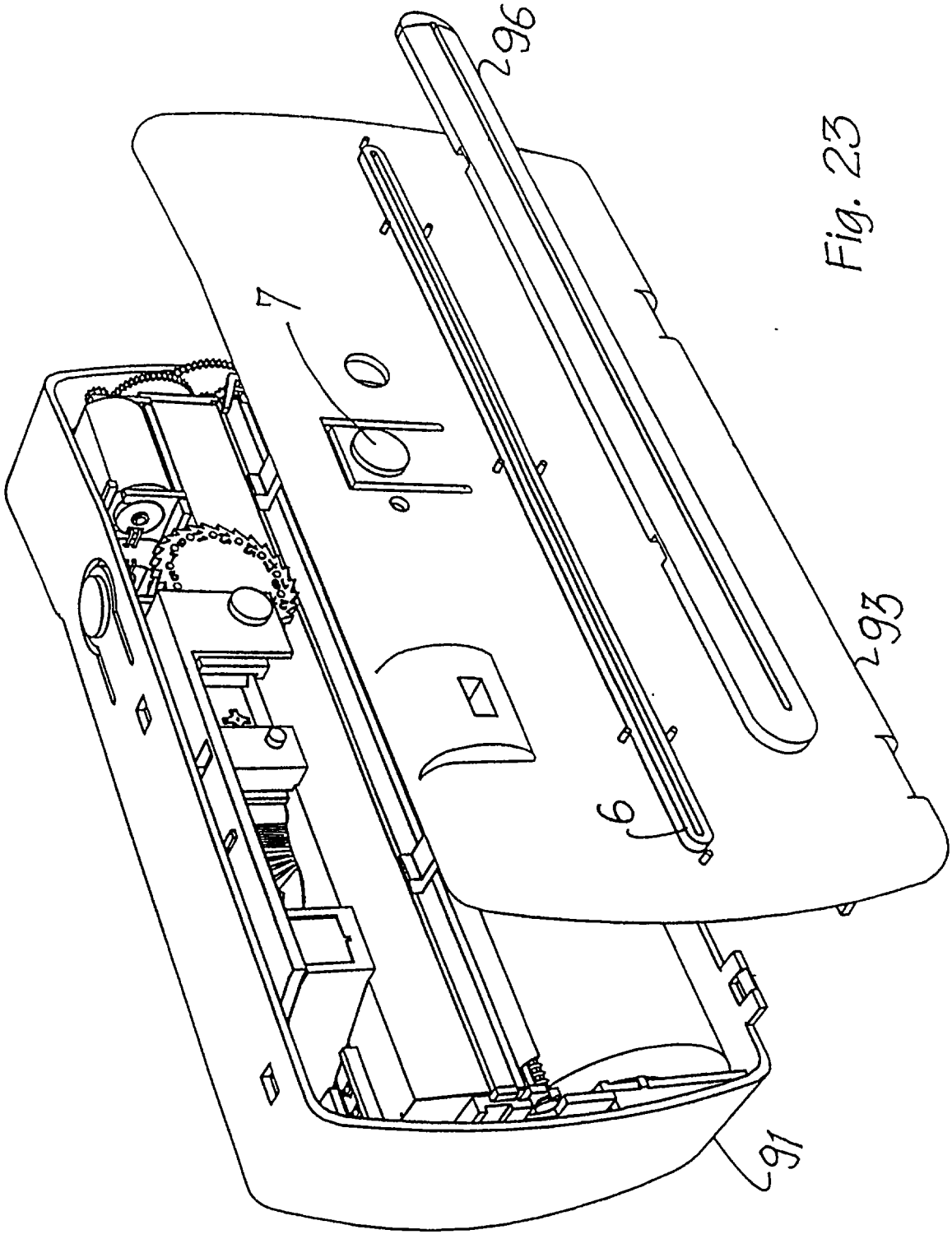


Fig. 23