

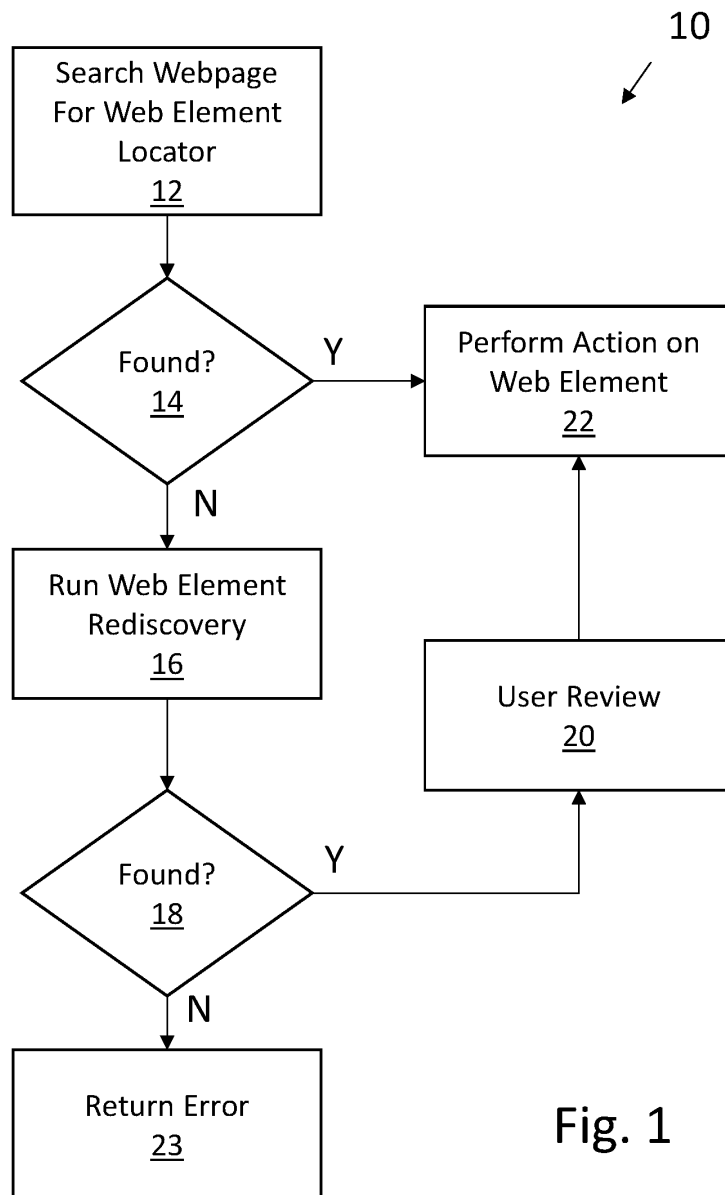


Fig. 1

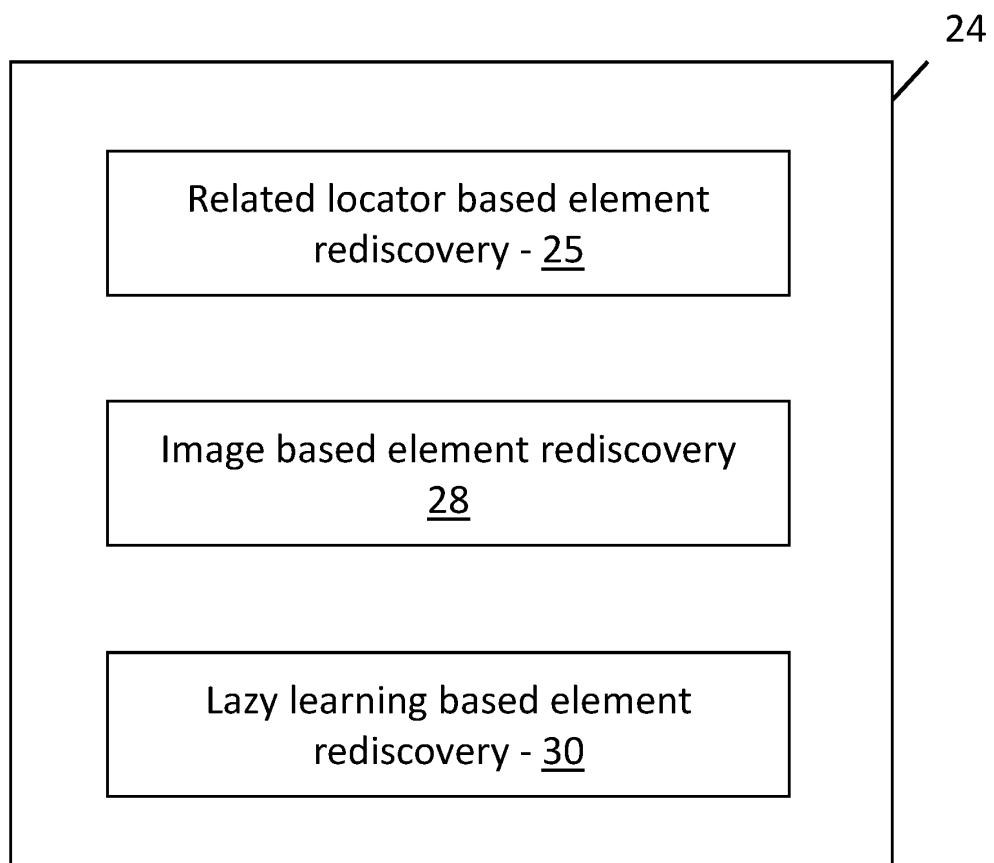
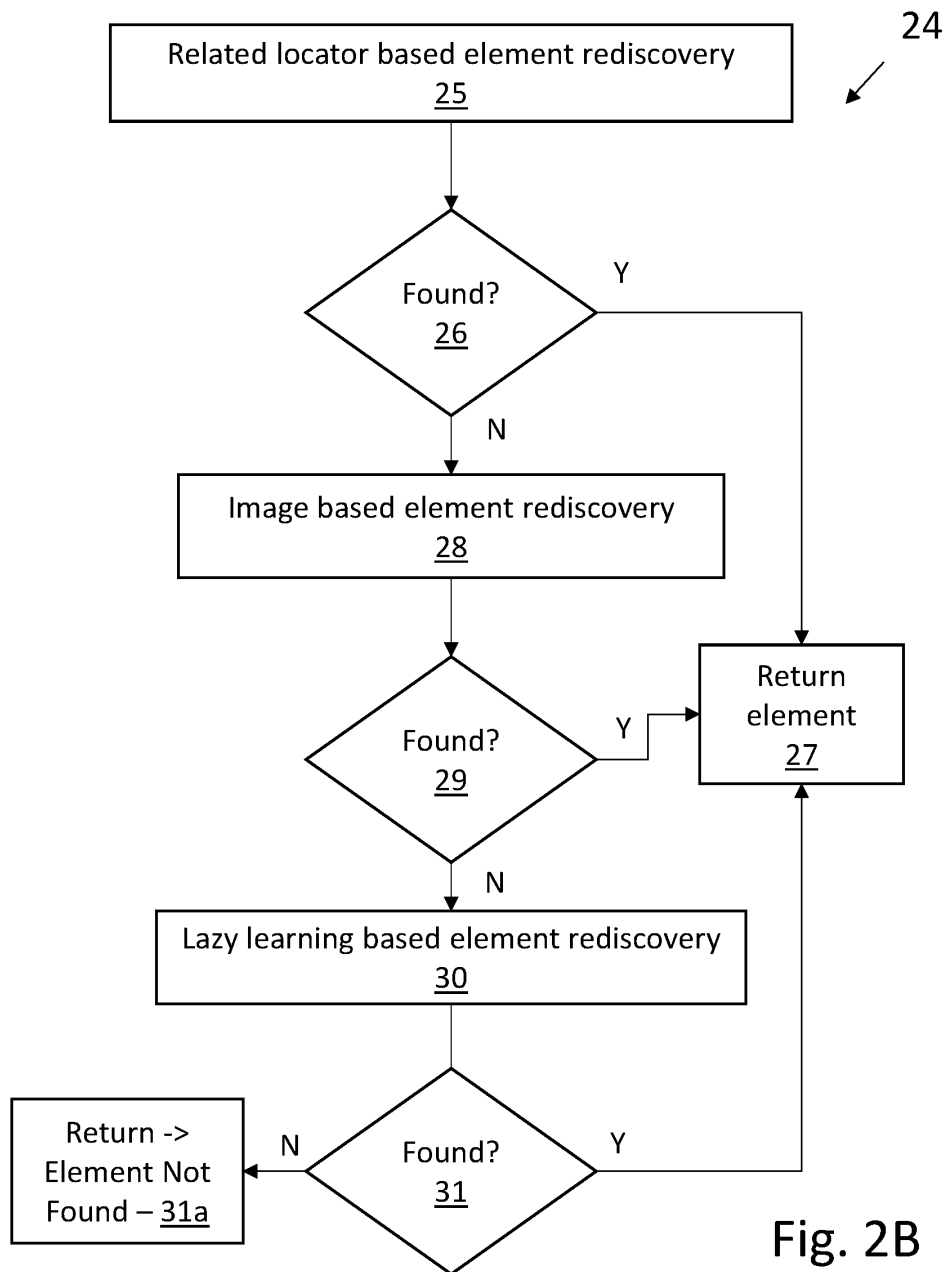


Fig. 2A



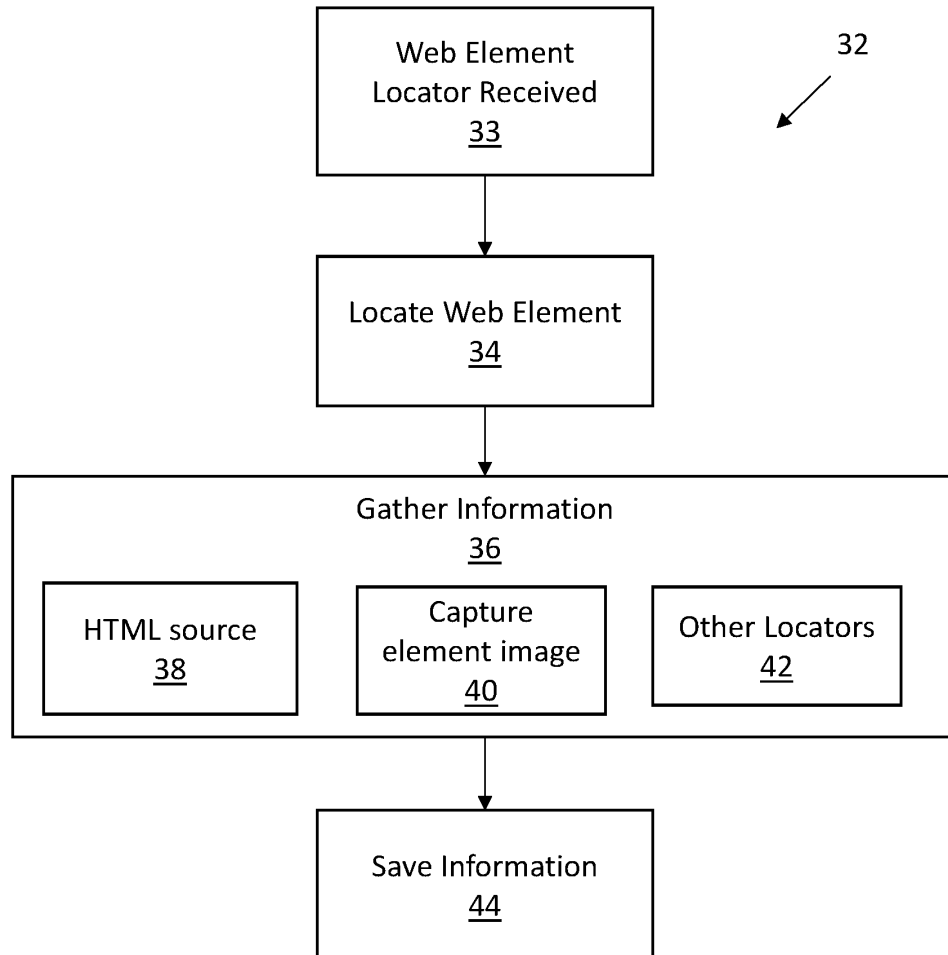


Fig. 3A

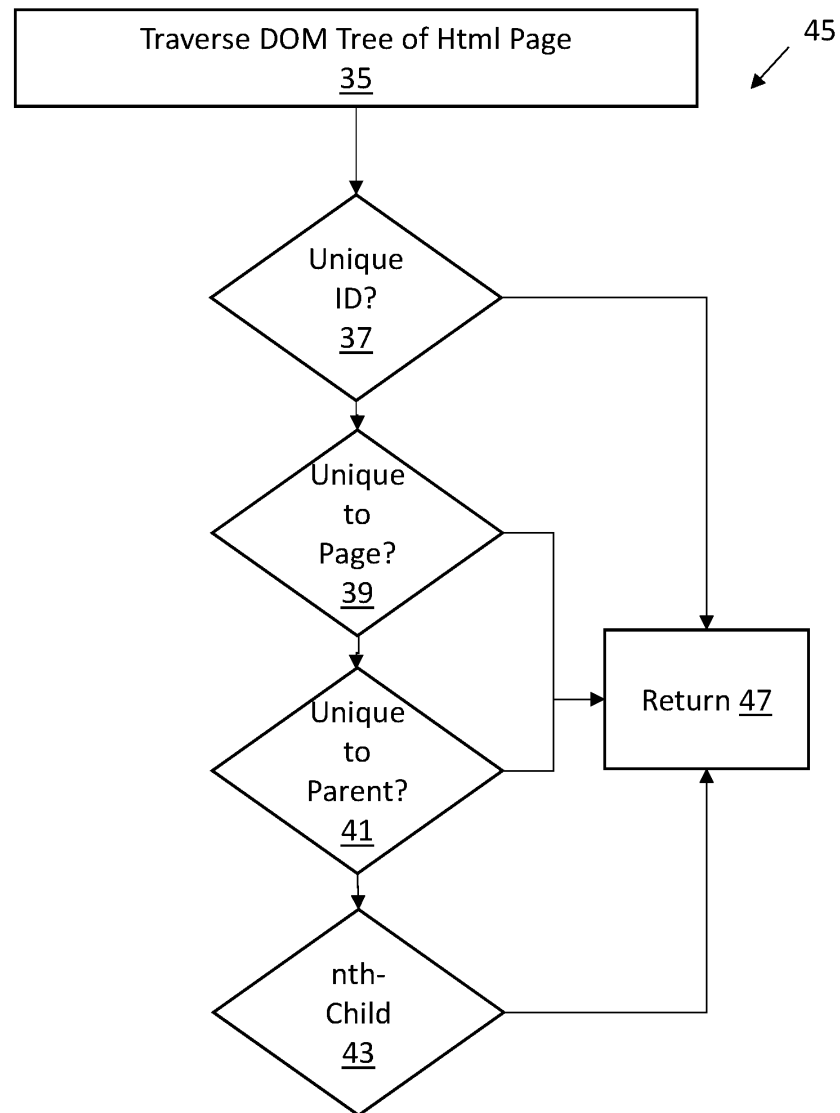


Fig. 3B

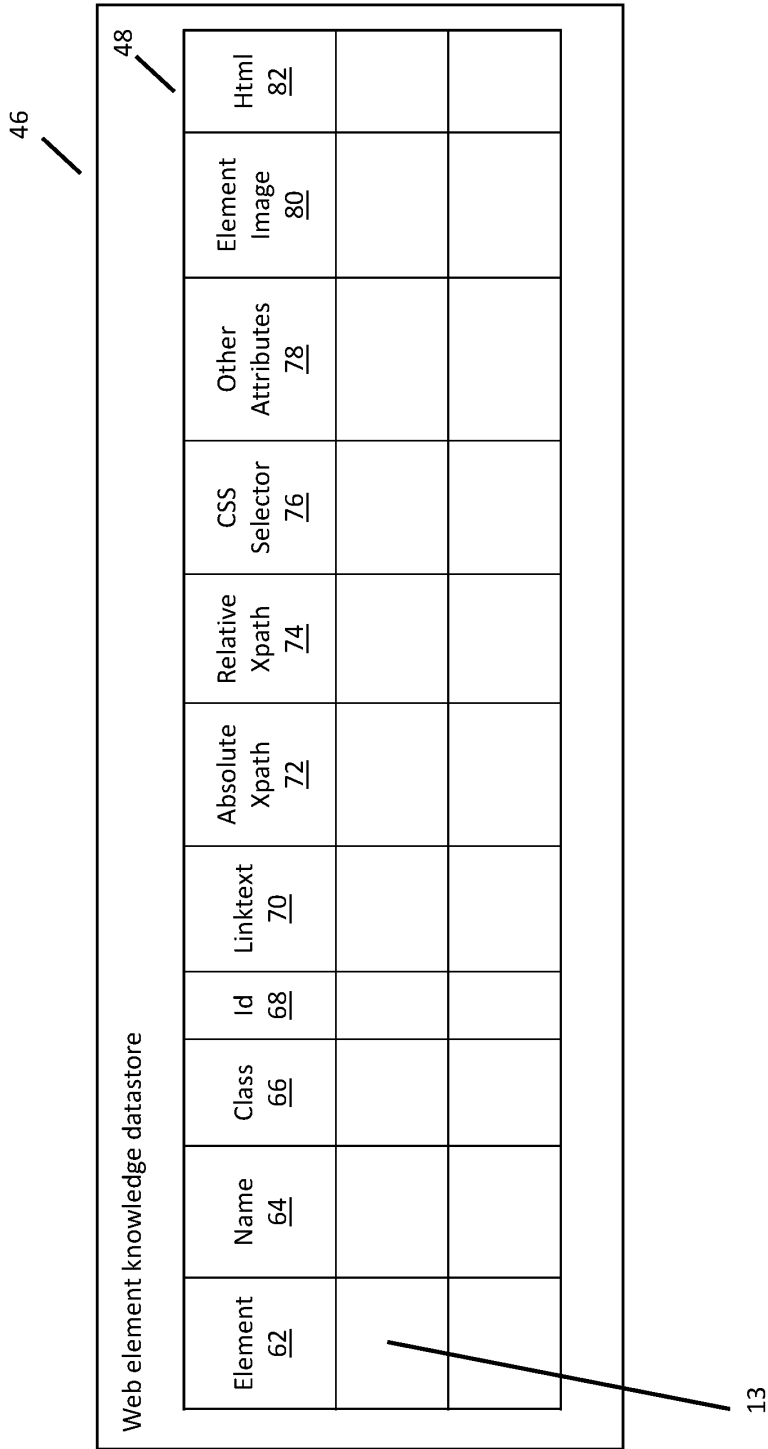


Fig. 4A

100

Crawler Knowledge Datastore									
Element 182	Name 184	Class 186	Id 188	Linktext 190	Absolute Xpath 192	Relative Xpath 194	CSS Selector 196	Other Attributes 198	Element Image 200
Html 202									

180

Fig. 4B

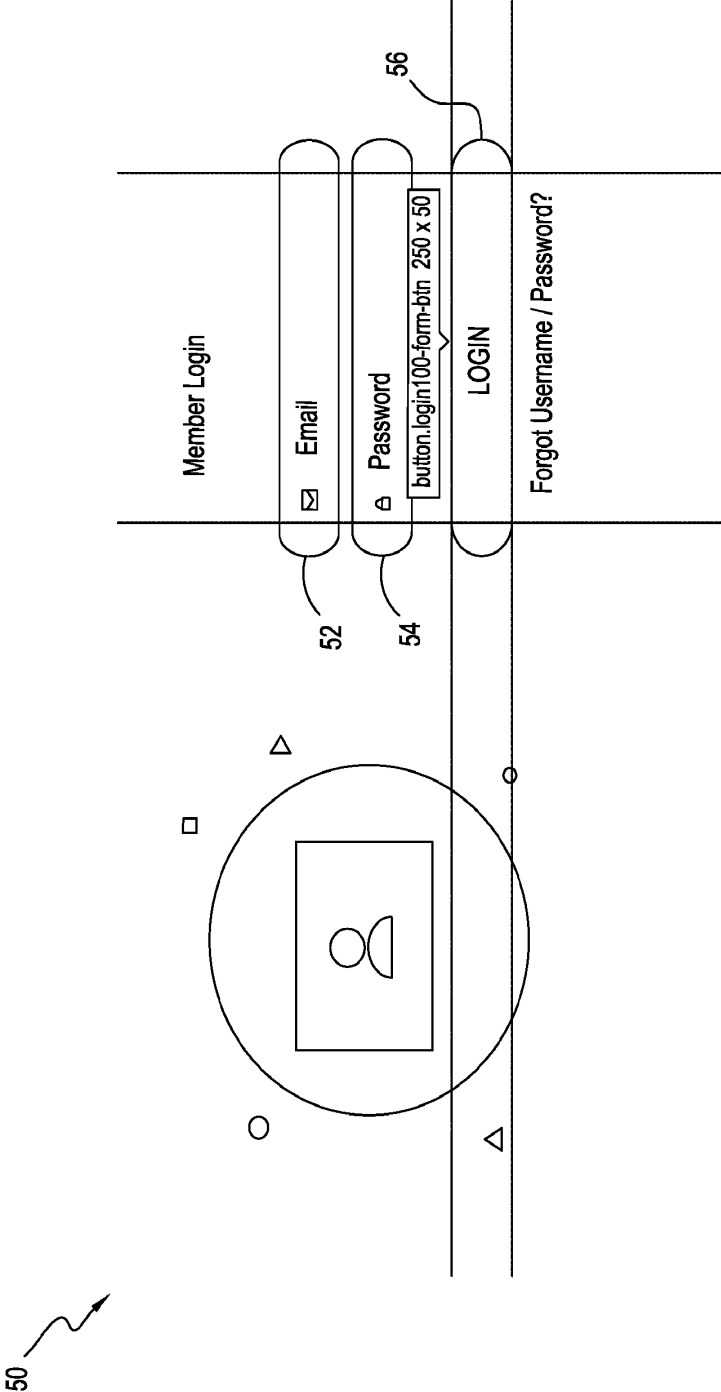


FIG. 5

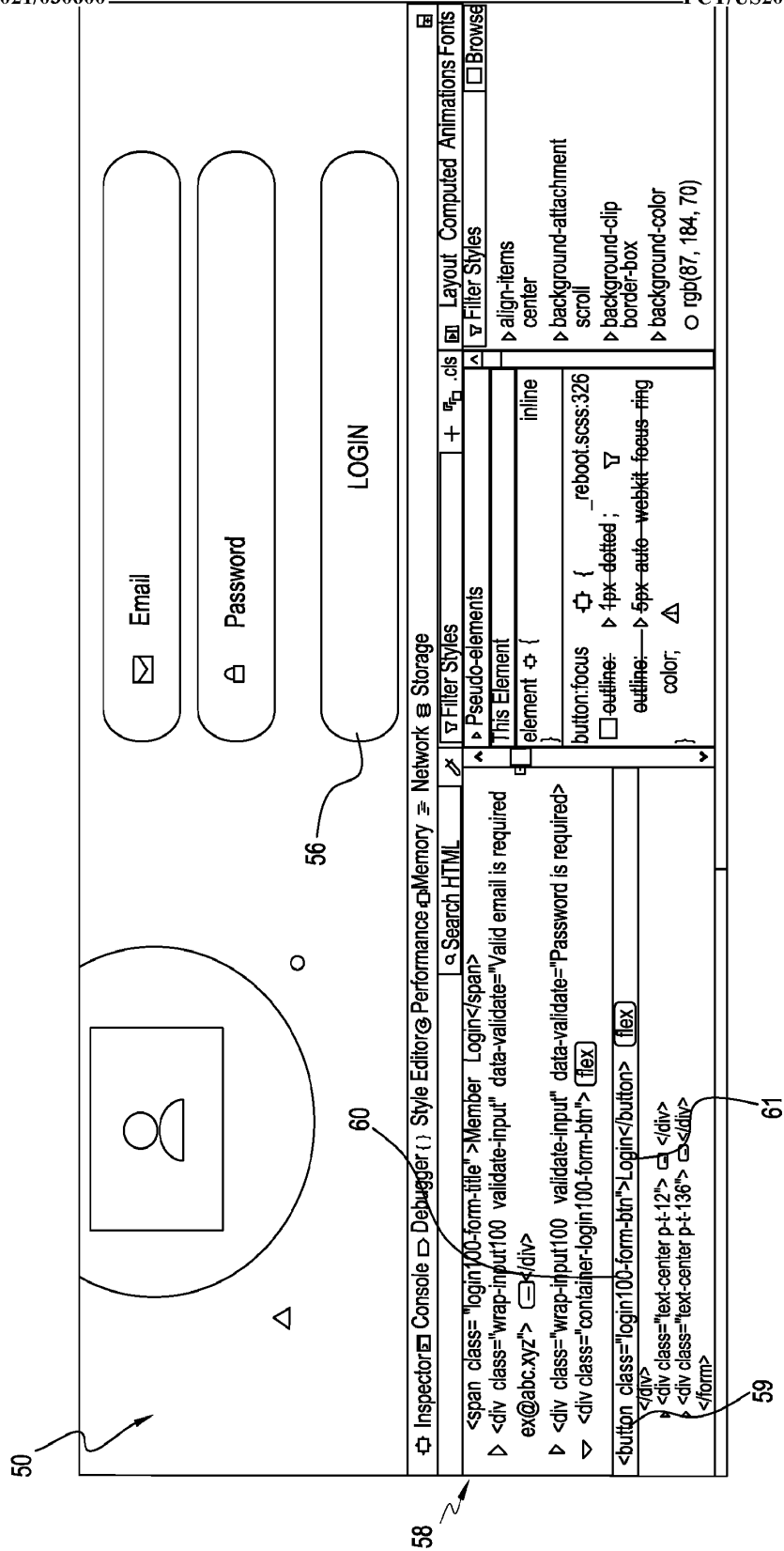


FIG. 6

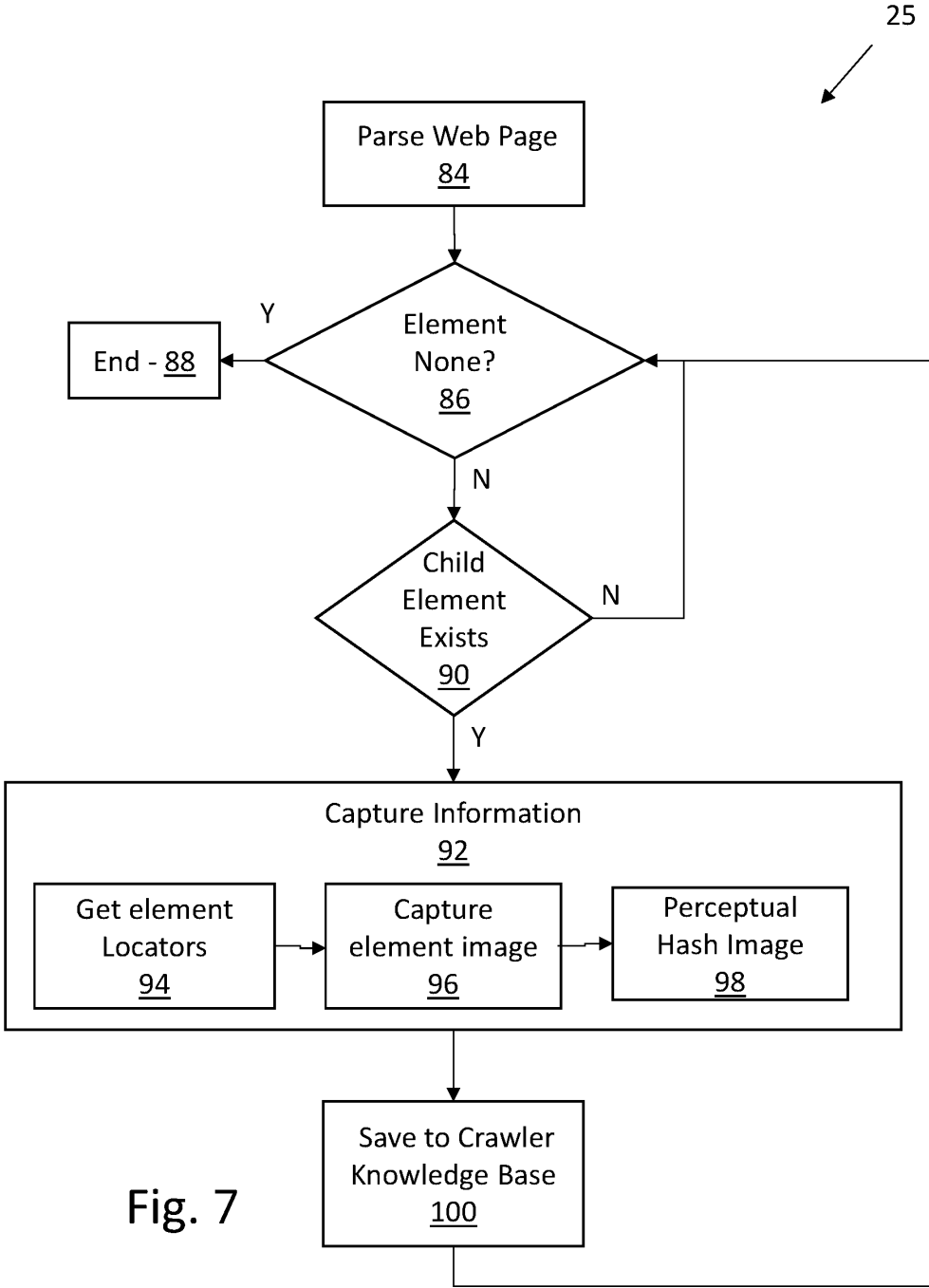
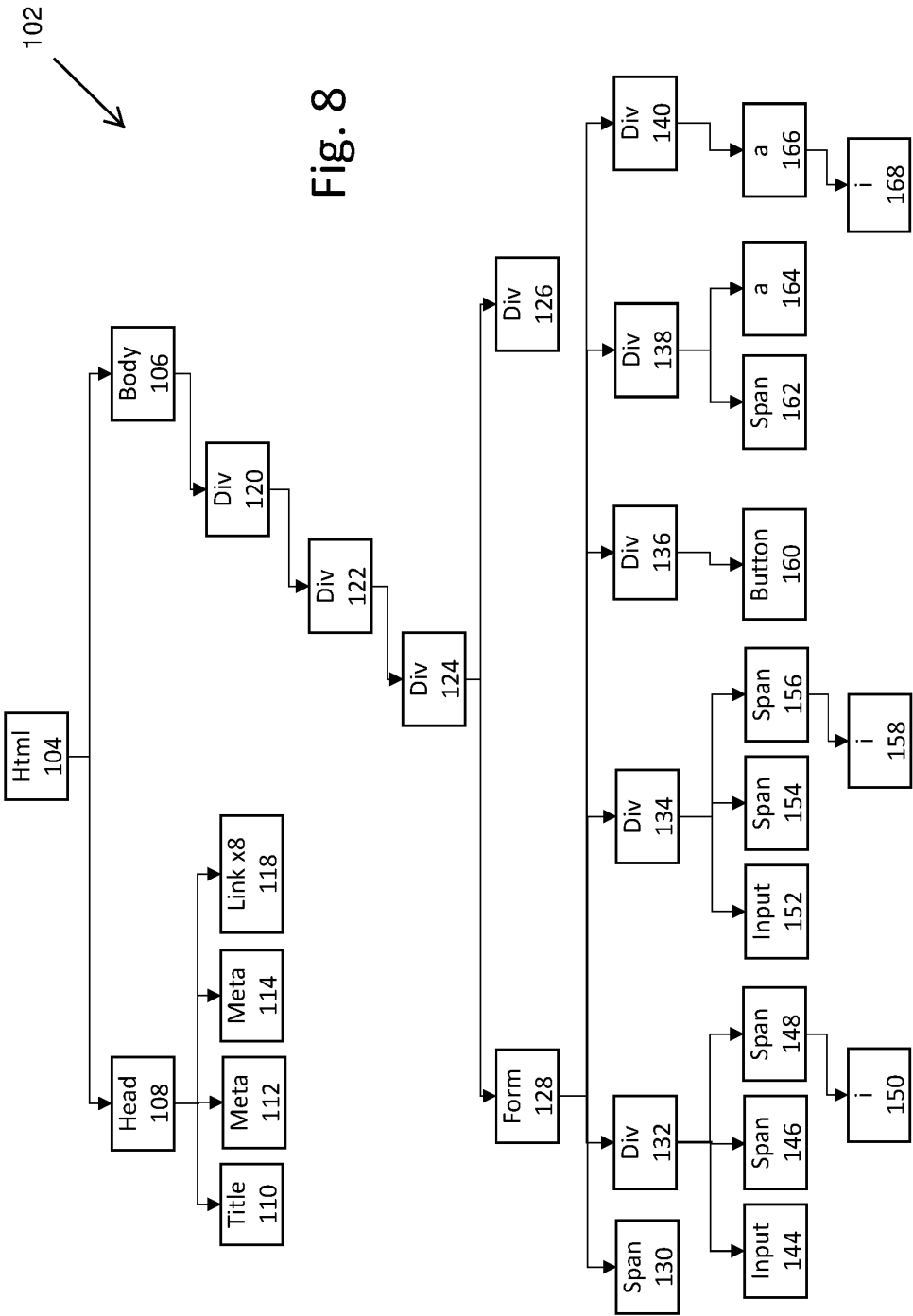


Fig. 7



101
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```

129      <form class="login100-form validate-form">
130      <span class="login100-form-title">
131      Member Login
132      </span>
133      <div class="wrap-input100 validate-input"
134      data-validate = "Valid email is required:
135      ex@abc.xyz">
136      <input class="input100" type="text" name="email"
137      placeholder="Email">
138      <span class="focus-input100"></span>
139      <span class="symbol-input100">
140      <i class="fa fa-envelope" aria-hidden="true">
141      ></i>
142      </span>
143      </div>
144
145      <div class="wrap-input100 validate-input"
146      data-validate = "Password is required">
147      <input class="input100" type="password" name=
148      "pass" placeholder="Password">
149      <span class="focus-input100"></span>
150      <span class="symbol-input100">
151      <i class="fa fa-lock" aria-hidden="true"></i>
152      </span>
153      </div>
154
155      <div class="container-login100-form-btn">
156      <button class="login100-form-btn">
157      Login
158      </button>
159      </div>
160
161      <div class="text-center p-t-12">
162      <span class="txt1">
163      Forgot
164      </span>
165      <a class="txt2" href="#">
166      Username / Password?
167      </a>
168      </div>
169
170      <div class="text-center p-t-136">
171      <a class="txt2" href="#">
172      Create your Account
173      </a>
174      </div>
175
176      </form>

```

Fig. 10



Fig. 11

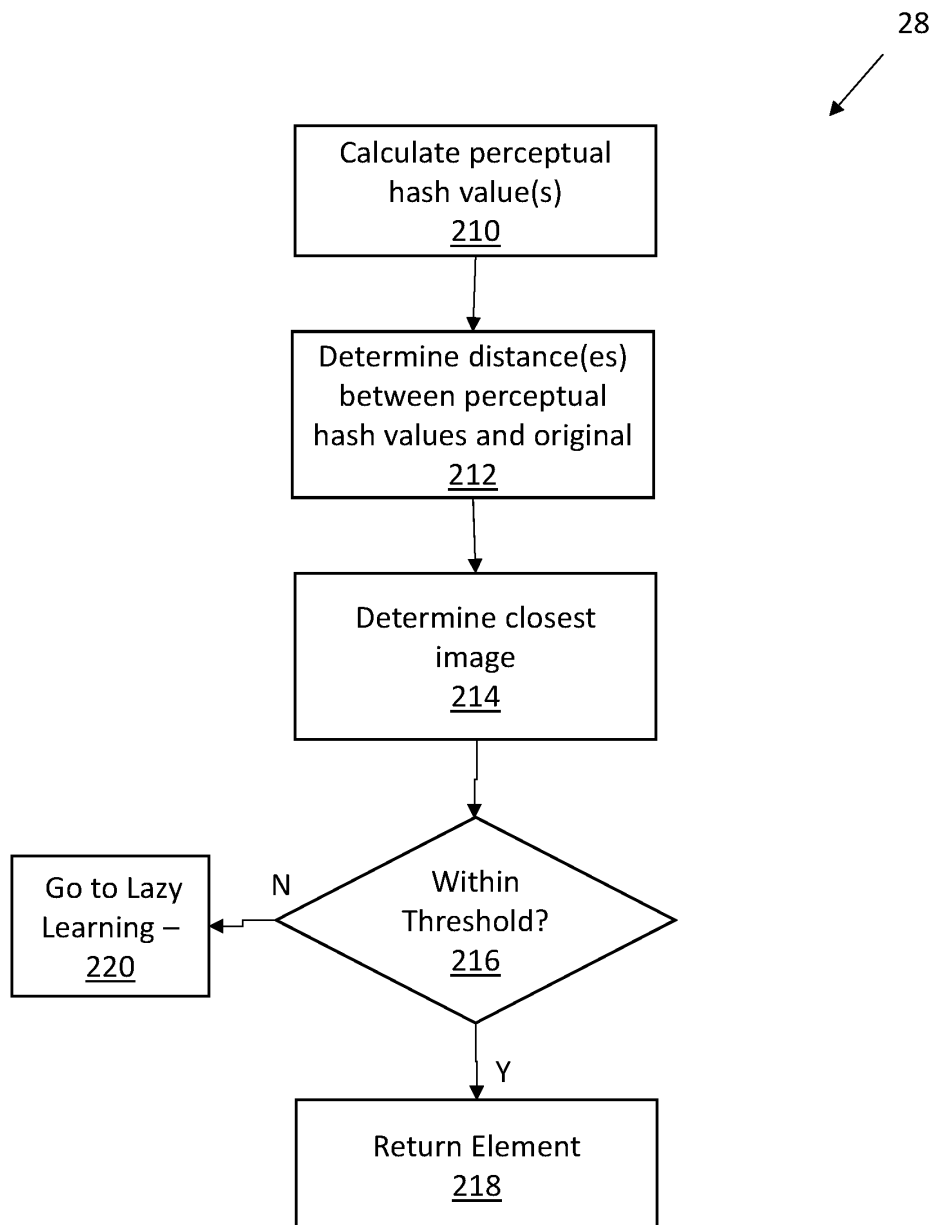


Fig. 12

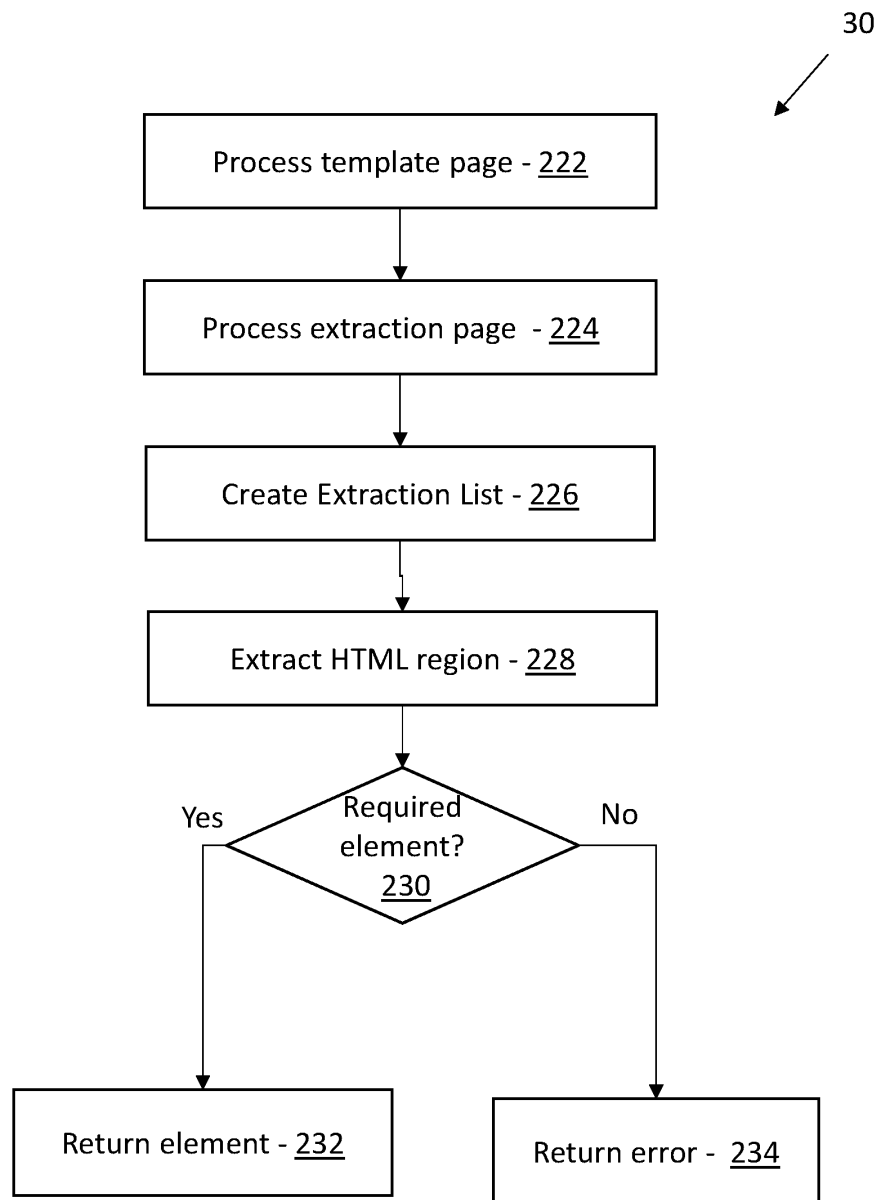


Fig. 13

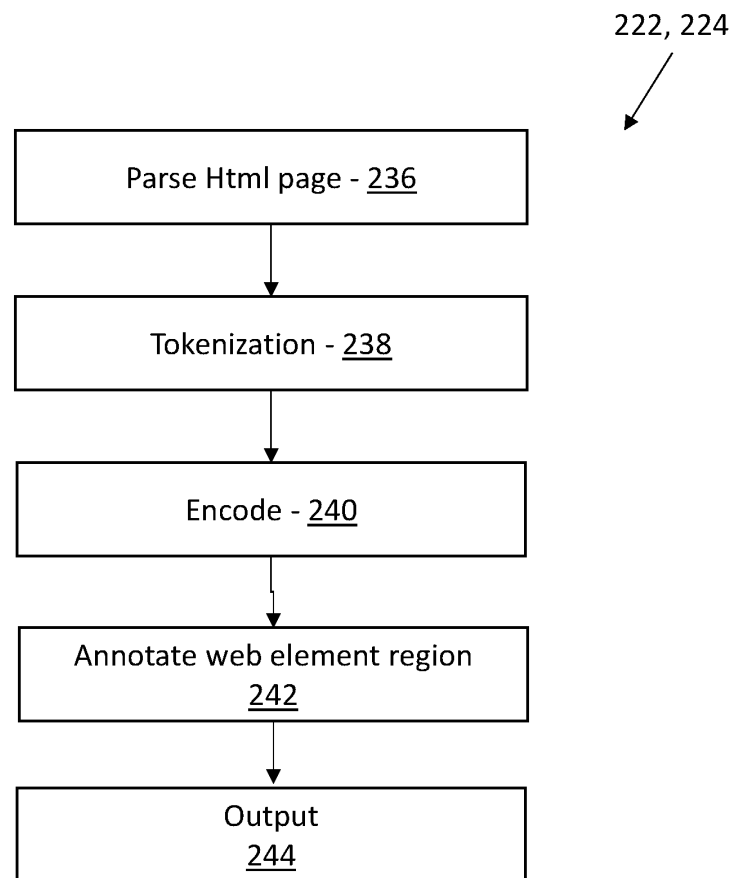


Fig. 14

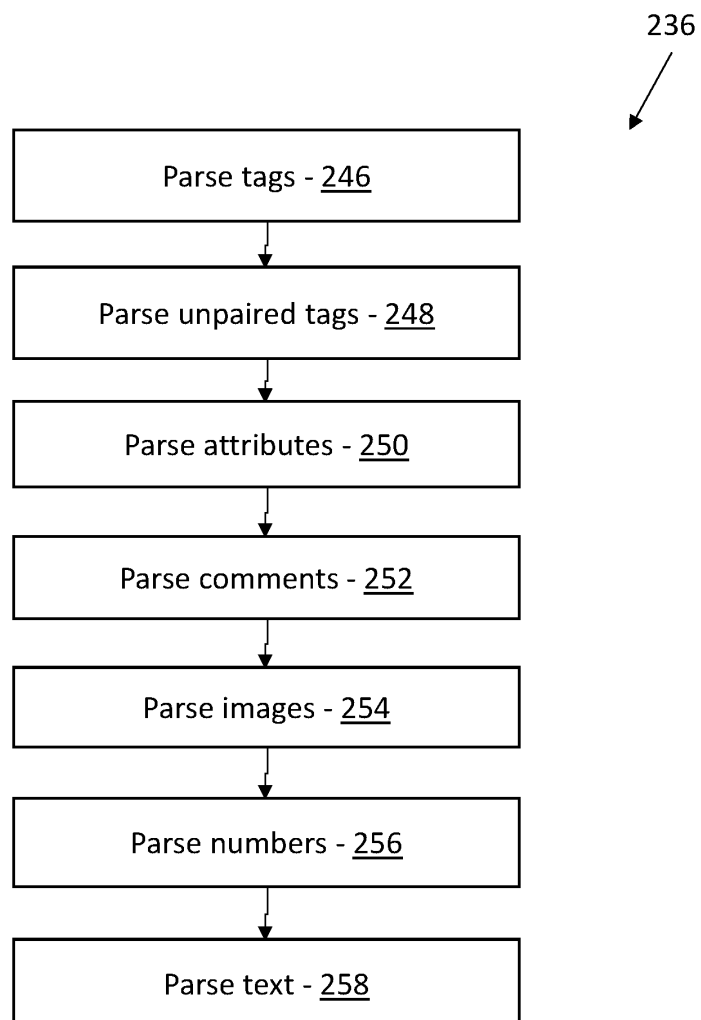


Fig. 15

260



Index	Token	Type	Ref. No.
0	html	1	104
1	head	1	108
2	title	1	110
3	title	2	111
4	meta	3	112
5	meta	3	114
6	link	3	118
7	link	3	118
8	link	3	118
9	link	3	118
10	link	3	118
11	link	3	118
12	link	3	118
13	link	3	118
14	head	2	172
15	body	1	106
16	div	1	120
17	div	1	122
18	div	1	124

Index	Token	Type	Ref. No.
19	div	1	126
20	img	3	127
21	div	2	128
22	form	1	129
23	span	1	130
24	span	2	131
25	div	1	132
26	input	3	144
27	span	1	144
28	span	1	146
29	span	2	147
30	i	1	150
31	i	2	151
32	span	2	149
33	div	2	155
34	div	1	134
35	input	3	152

Fig. 16

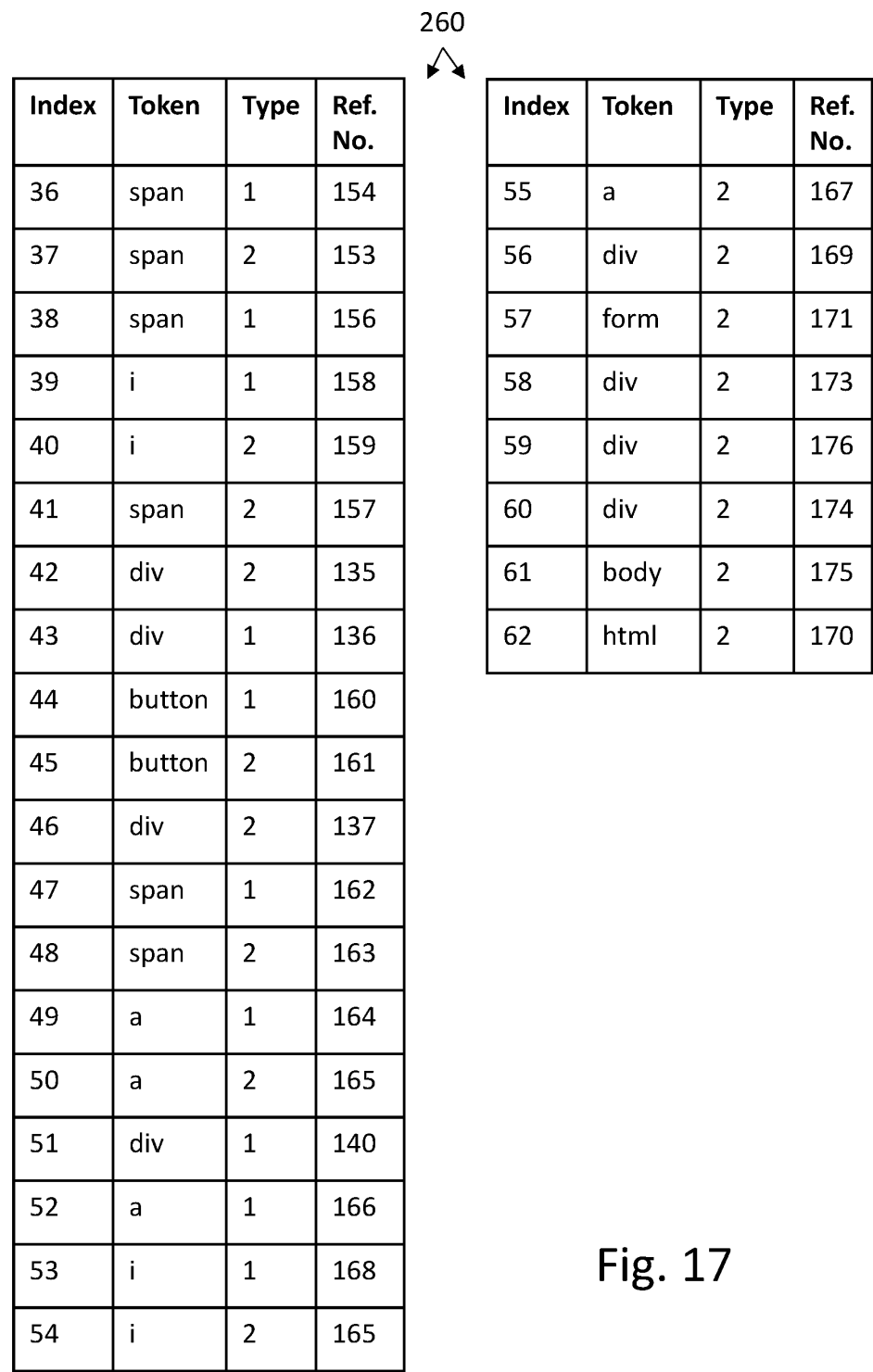


Fig. 17

261

Index	Type	Index	Type
0	16777216	18	16777216
1	16777216	19	16777216
2	16777216	20	50331648
3	33554432	21	33554432
4	50331648	22	16777216
5	50331648	23	16777216
6	50331648	24	33554432
7	50331648	25	16777216
8	50331648	26	50331648
9	50331648	27	16777216
10	50331648	28	16777216
11	50331648	29	33554432
12	50331648	30	16777216
13	50331648	31	33554432
14	33554432	32	33554432
15	16777216	33	33554432
16	16777216	34	16777216
17	16777216	35	50331648

Fig. 18A

261

Index	Type
36	16777216
37	33554432
38	16777216
39	16777216
40	33554432
41	33554432
42	33554432
43	16777216
44	16777216
45	33554432
46	33554432
47	16777216
48	33554432
49	16777216

Index	Type
50	33554432
51	16777216
52	16777216
53	16777216
54	33554432
55	33554432
56	33554432
57	33554432
58	33554432
59	33554432
60	33554432
61	33554432
62	33554432

Fig. 18B

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Tag	Attribute	Value
button (44)	class	login100-form-btn
input (26)	class	input100
input (26)	type	text
input (26)	name	email
input (26)	placeholder	email

Fig. 18C

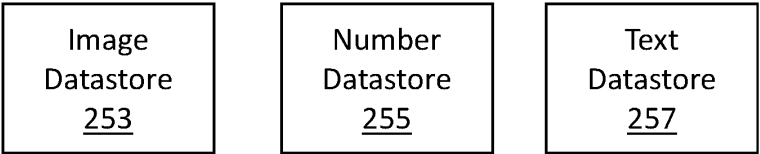


Fig. 18D

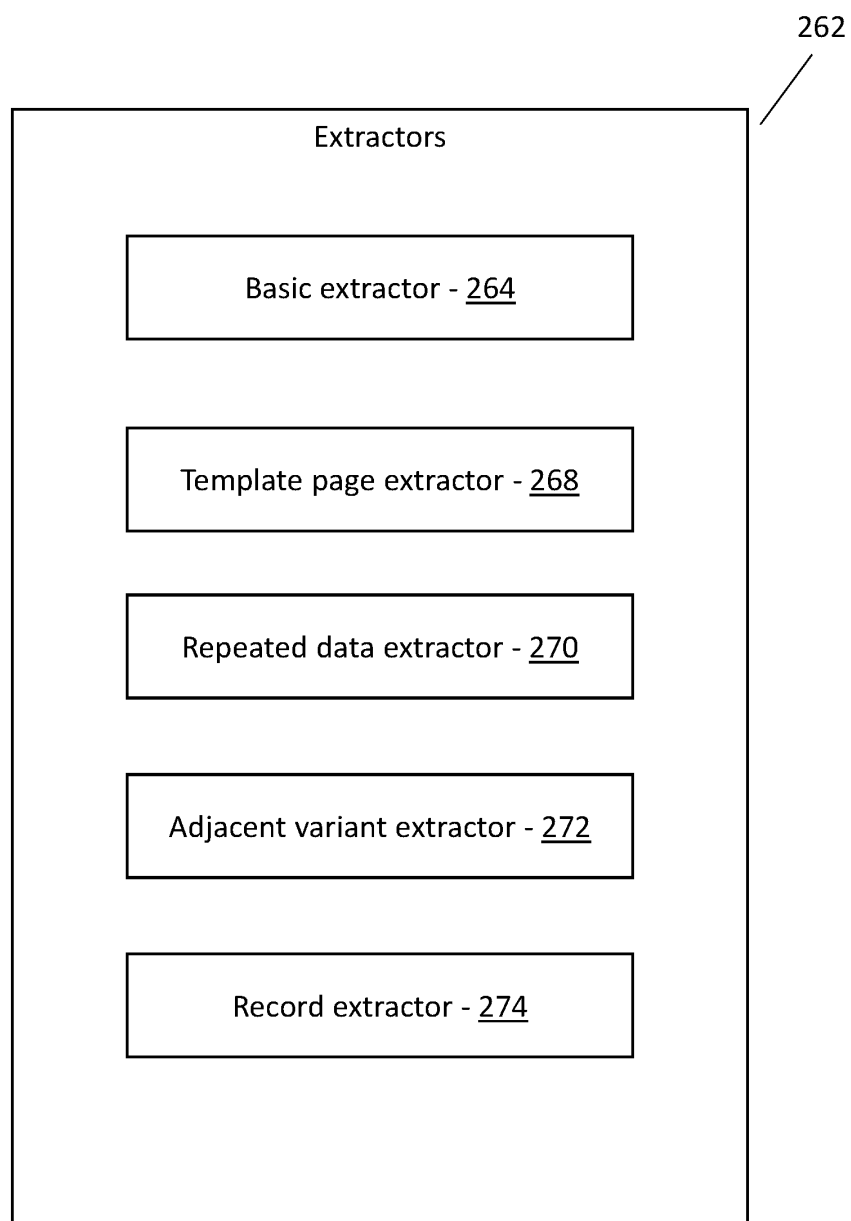


Fig. 19

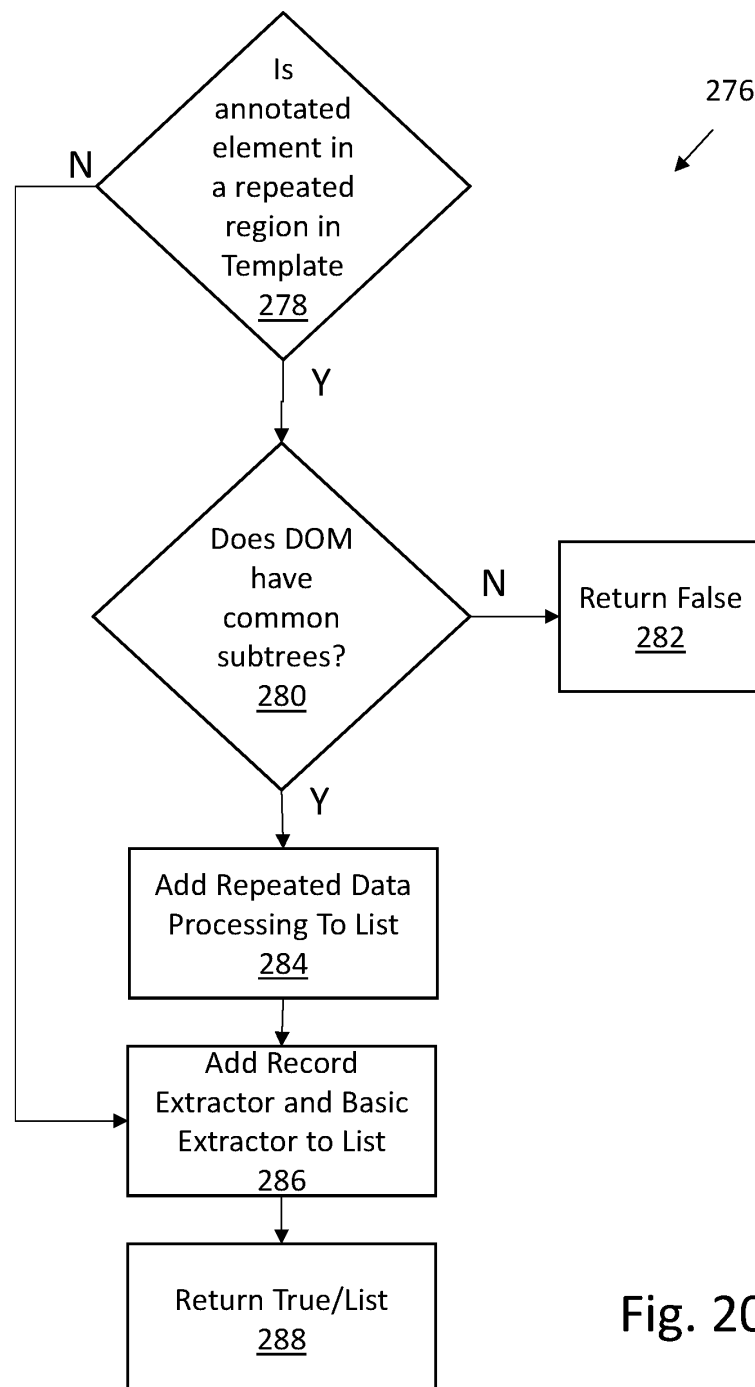


Fig. 20

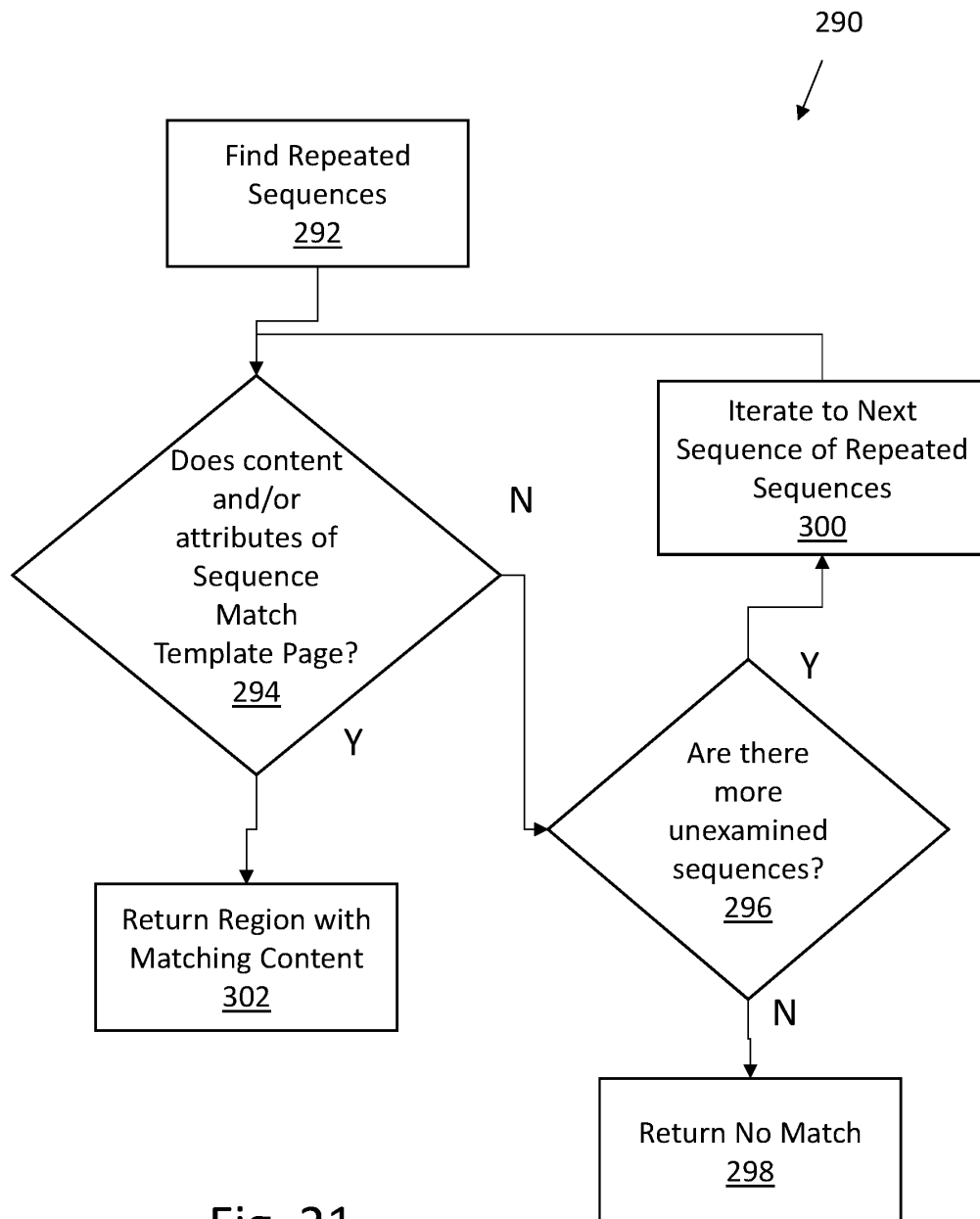


Fig. 21

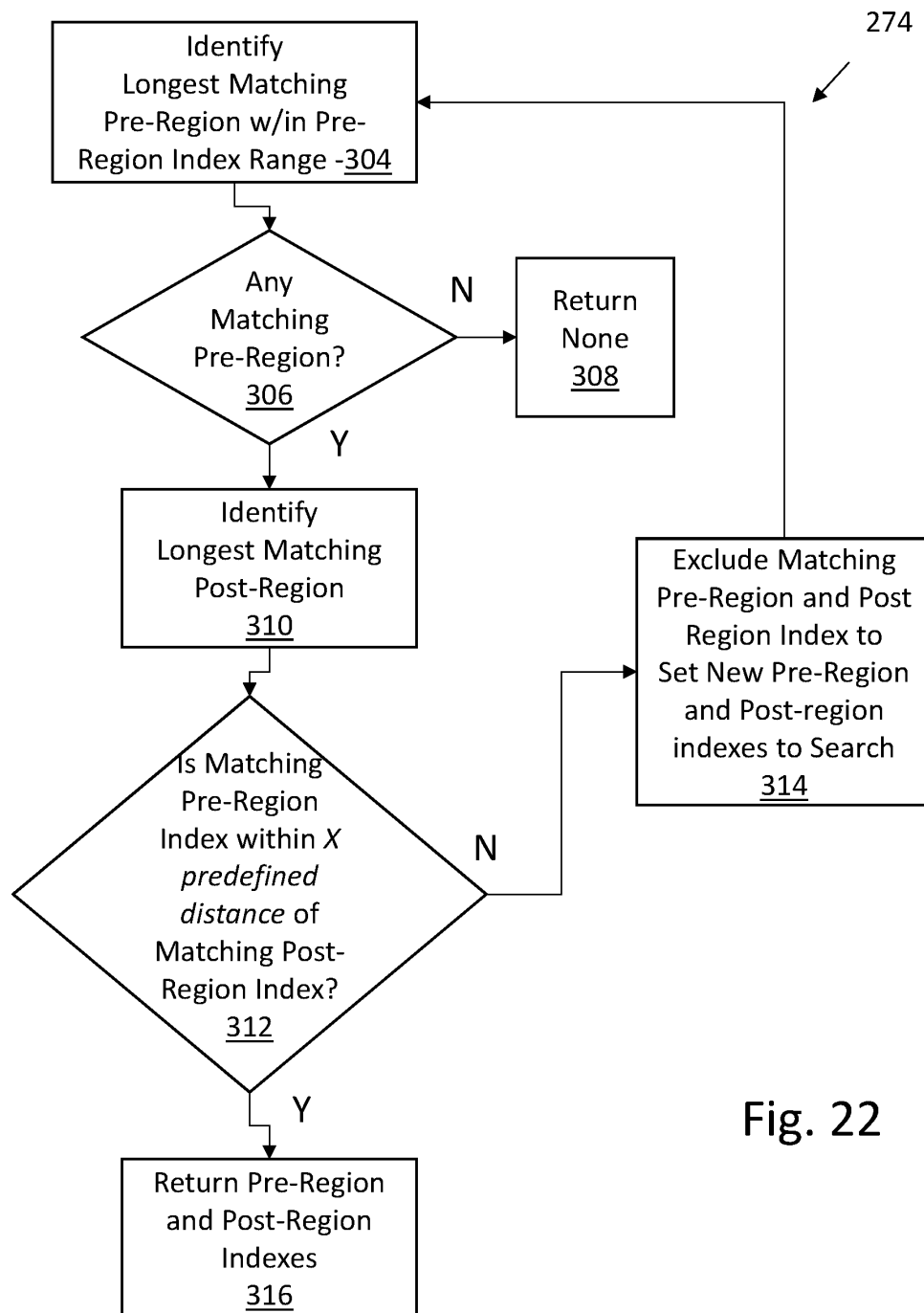
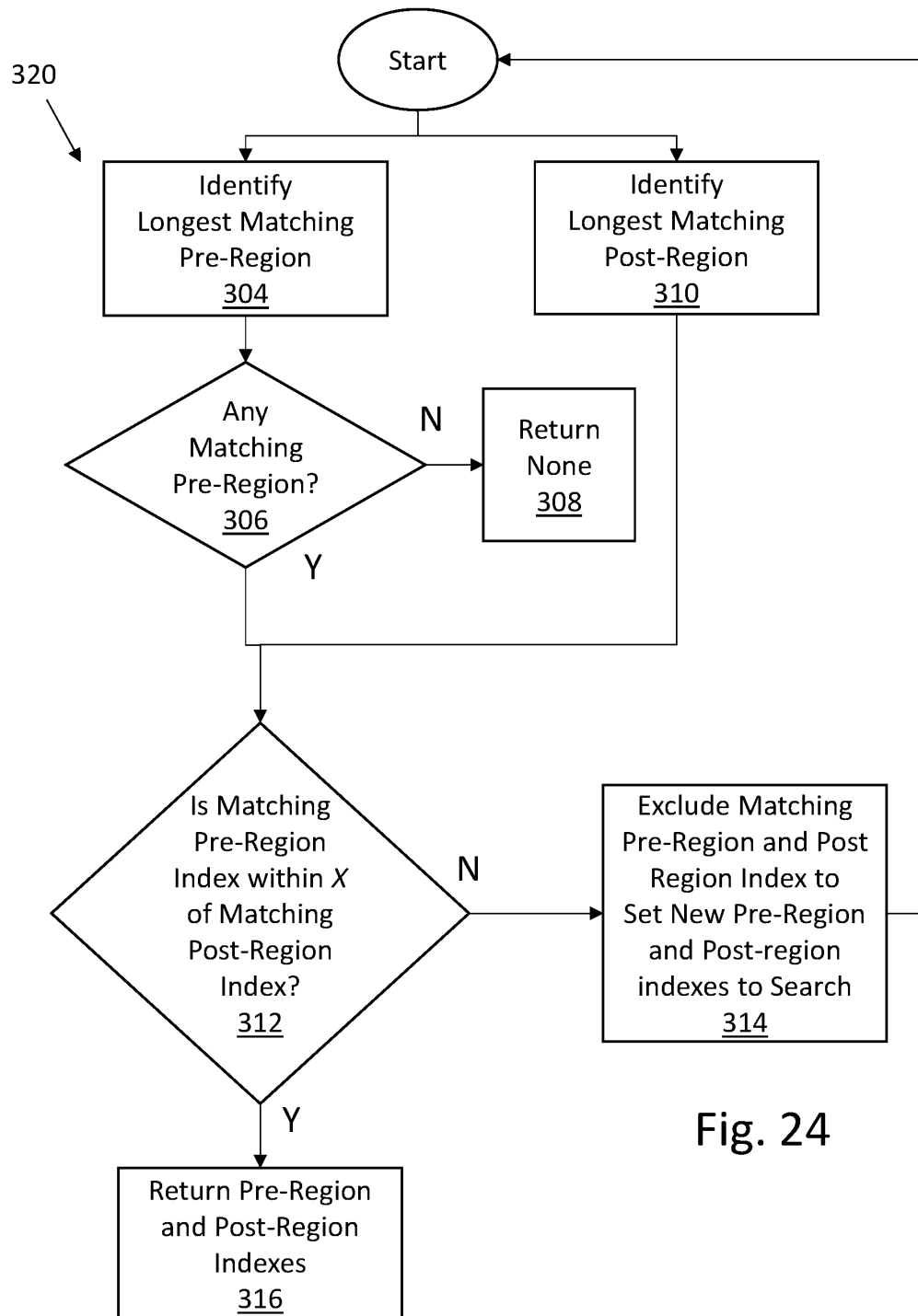


Fig. 22

Index	0	1	2	3	4	5	6	7	8	9	10	11
Template	1	1	1	2	2	1	1	2	2	2		
Ex 1	1	1	1	2	2	1	1	2	2	2		
Ex 2	1	2	1	2	2	1	1	2	2	1		
Ex 3	1	1	1	1	2	2	1	2	2	2	2	2
Ex 4	1	1	1	1	2	1	1	2	2	1	2	

Fig. 23



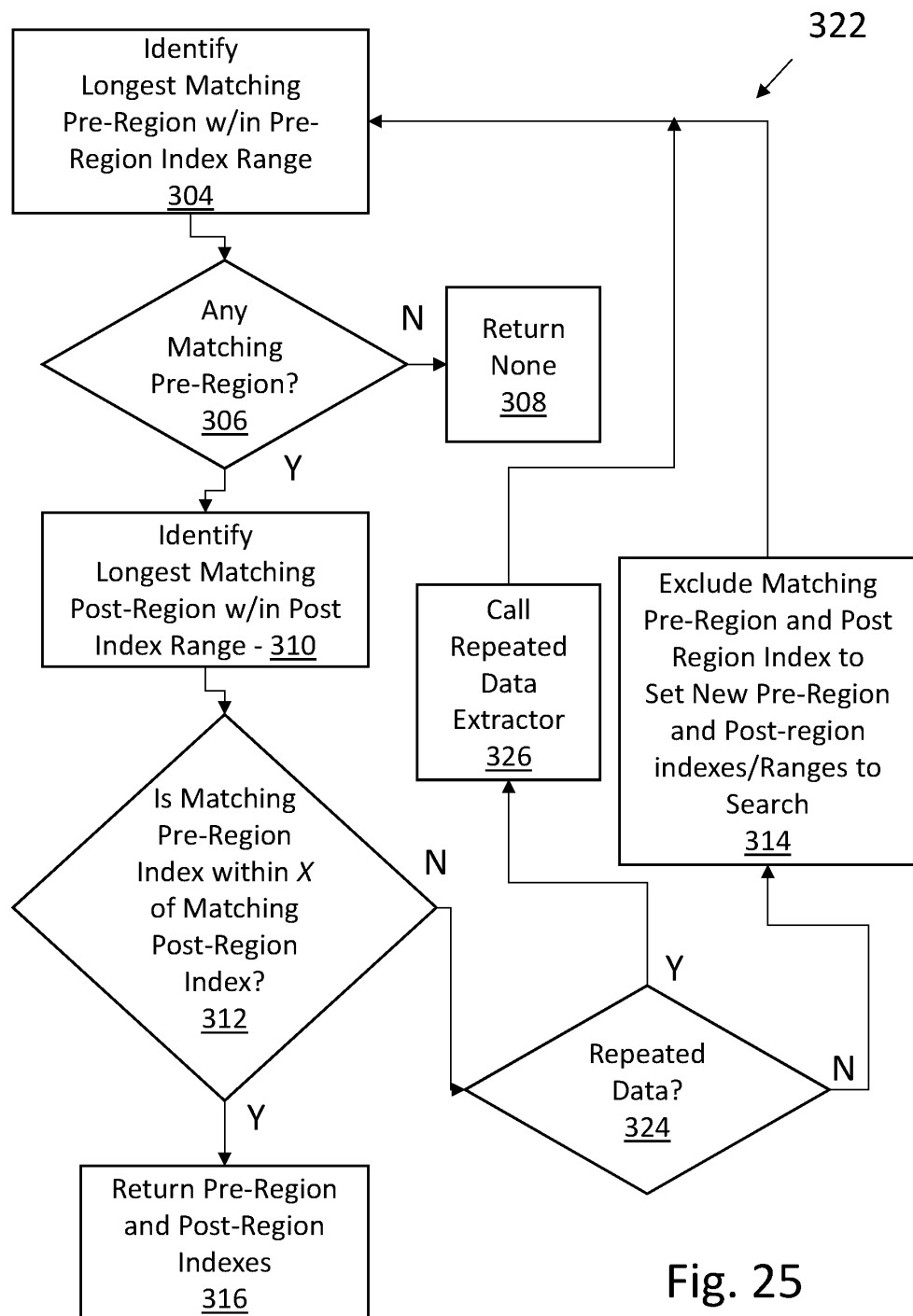


Fig. 25

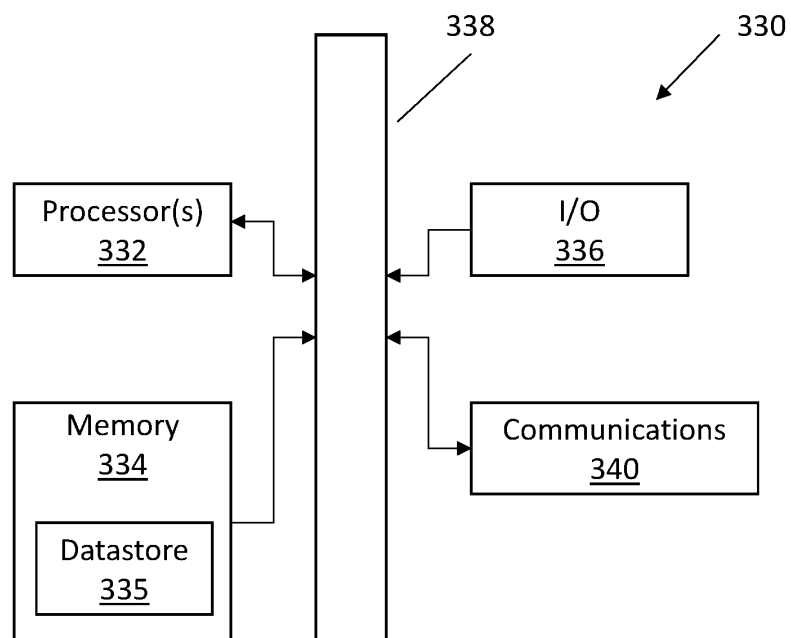


Fig. 26

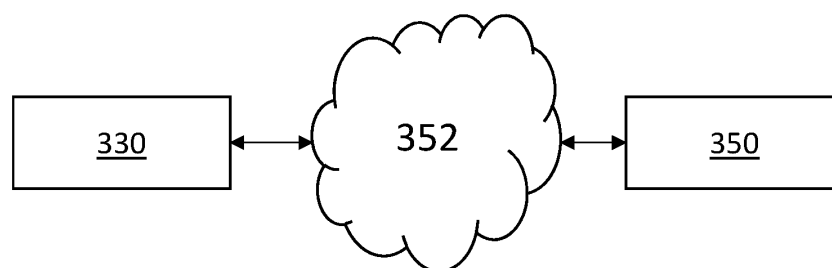


Fig. 27

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	S2	1	2	3	4	5	6
S1		1	1	1	2	1	2
1	2	0	0	0	1	0	1
2	2	0	0	0	1	0	1
3	1	1	1	1	0	2	0
4	2	0	0	0	2	0	3
5	1	1	1	1	0	3	0
6	2	0	0	0	2	0	4

Fig. 28