

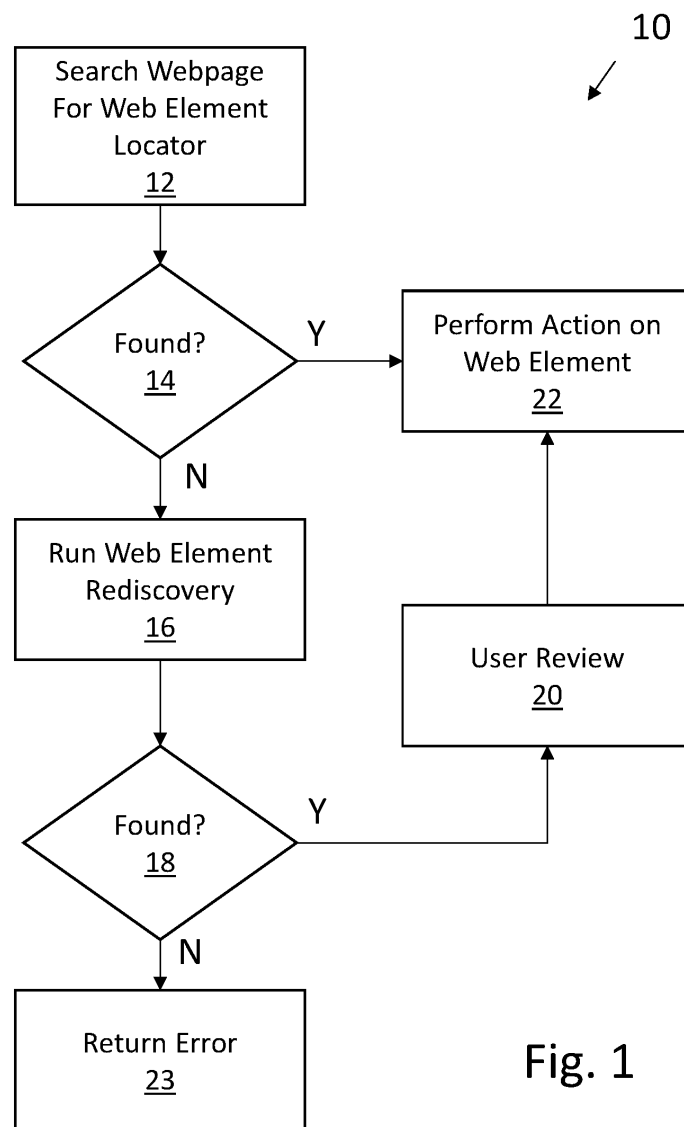


Fig. 1

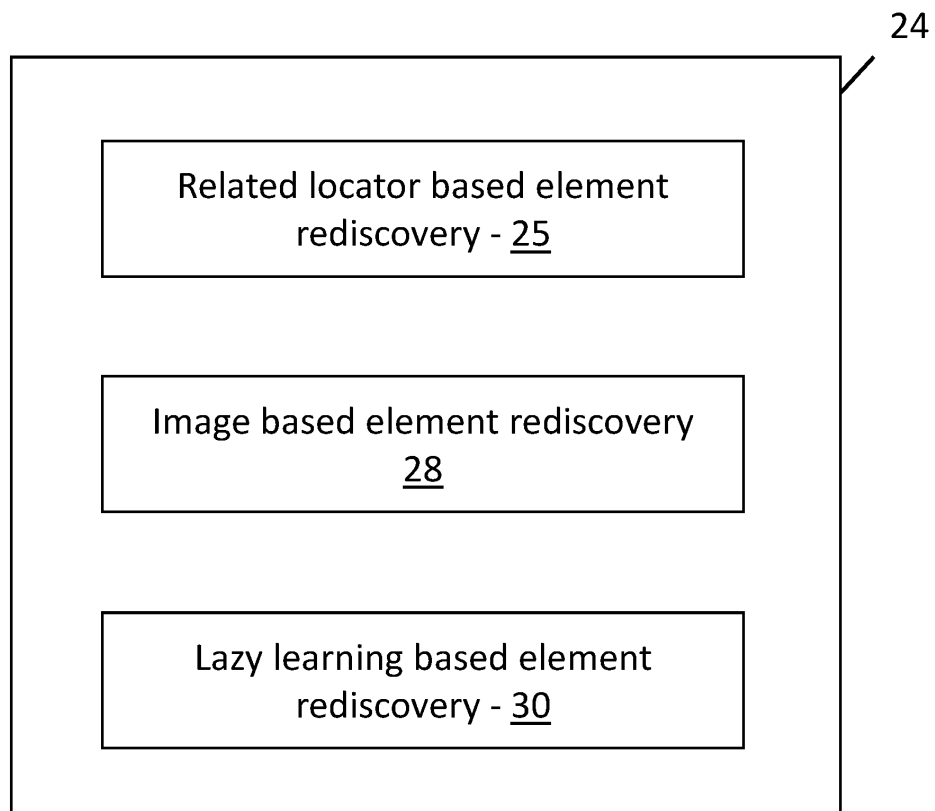
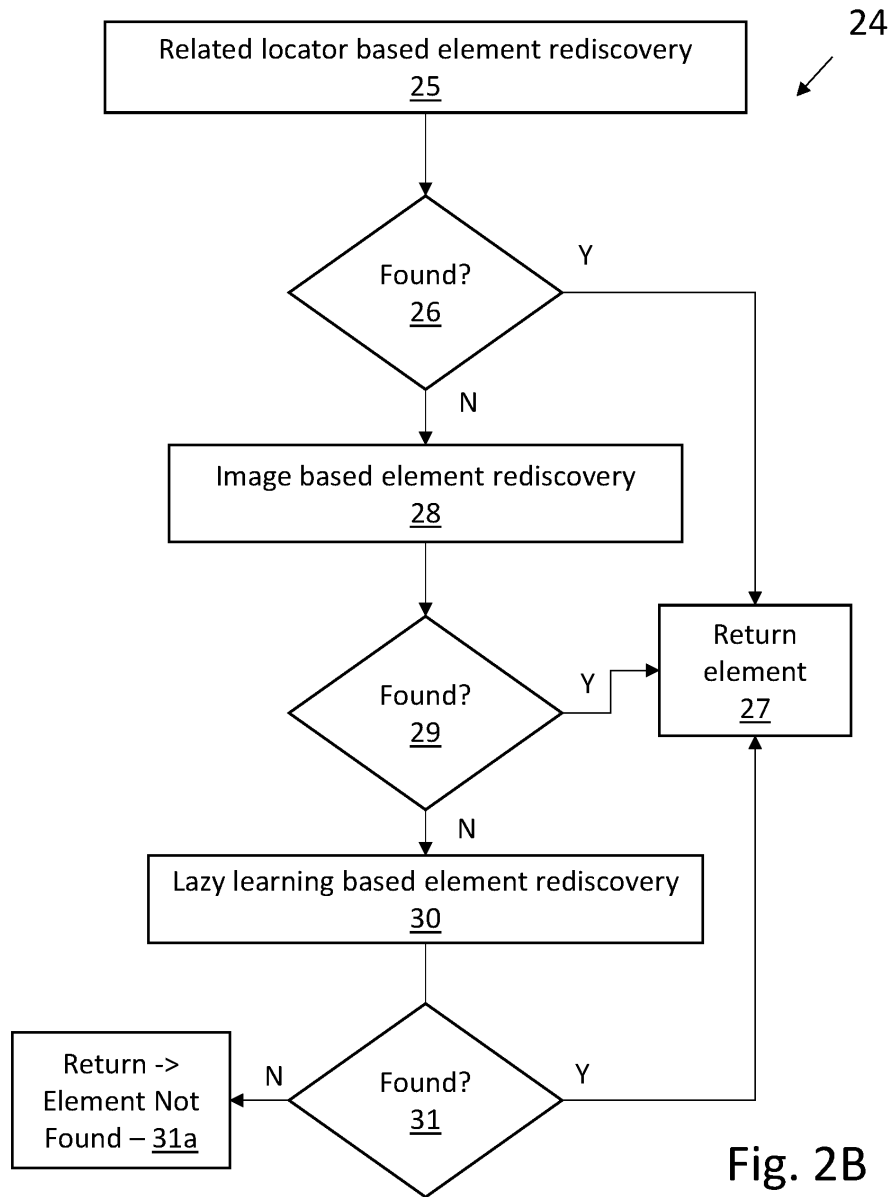


Fig. 2A



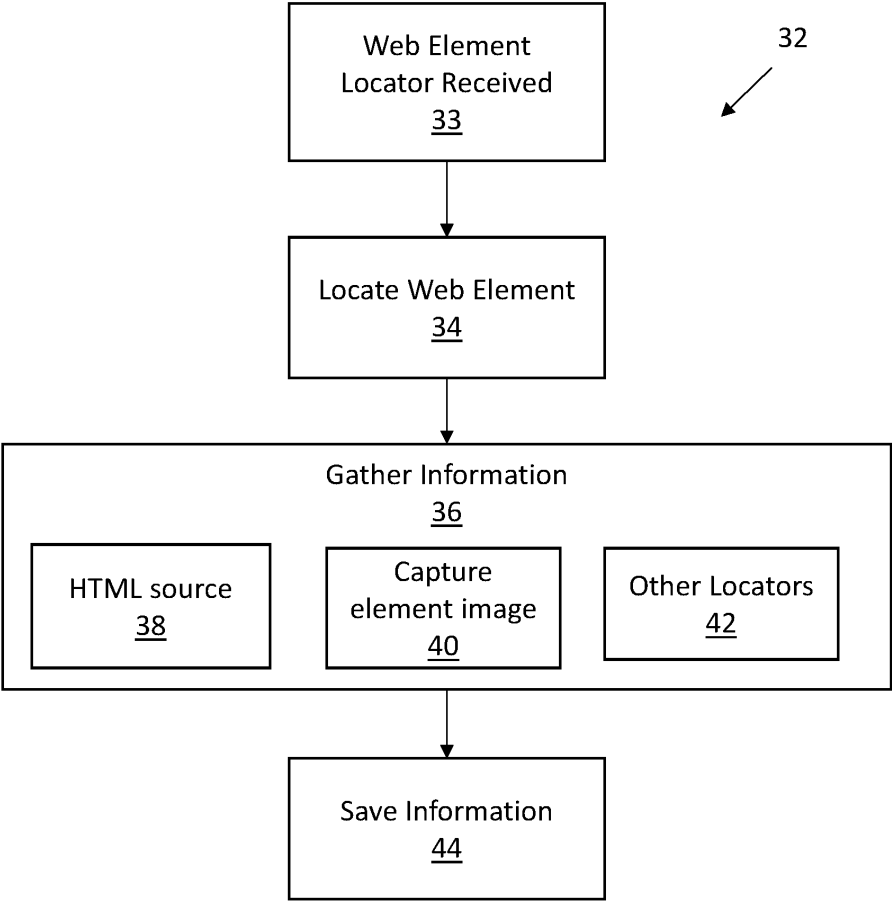


Fig. 3A

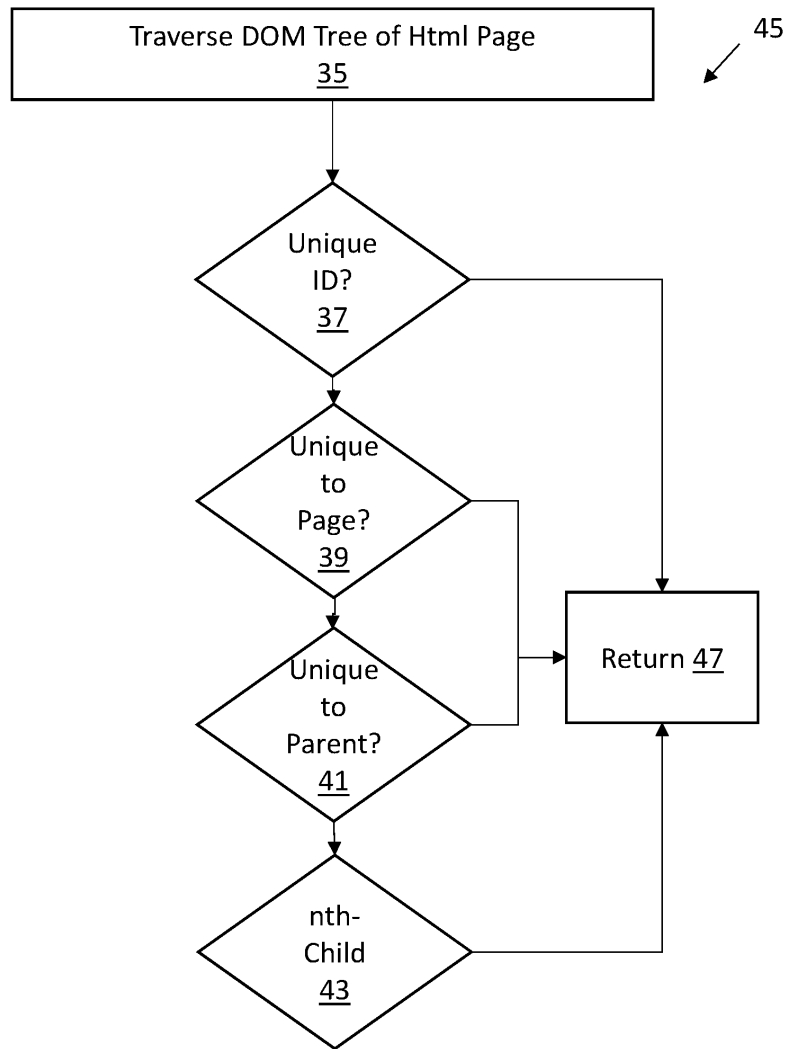


Fig. 3B

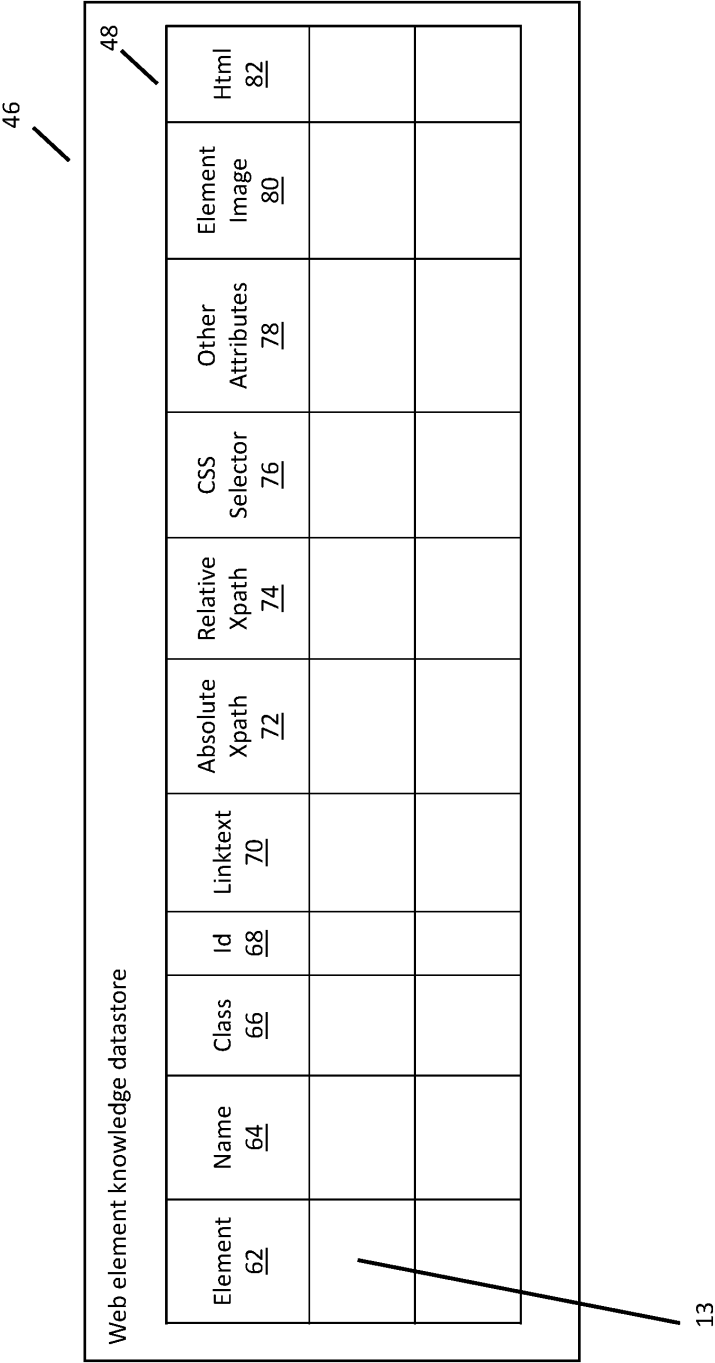


Fig. 4A

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

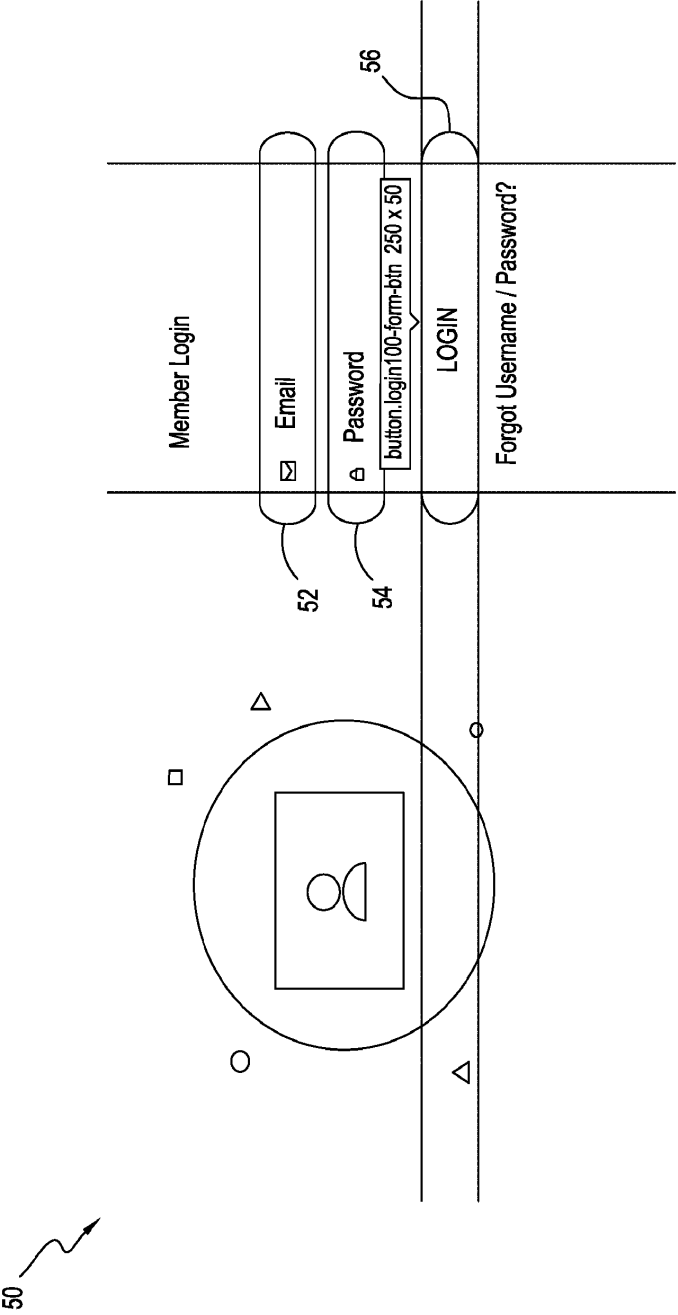
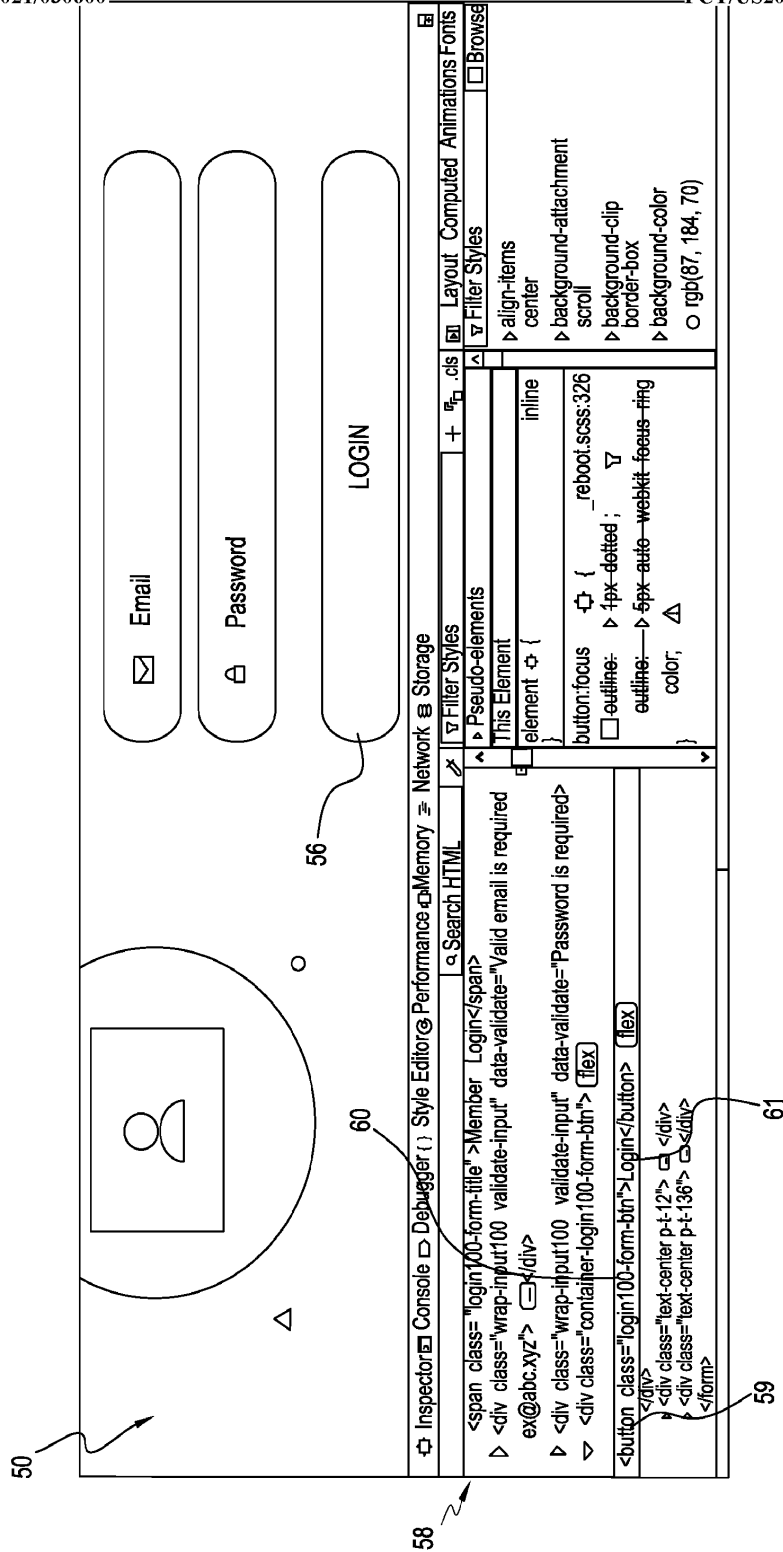


FIG. 5



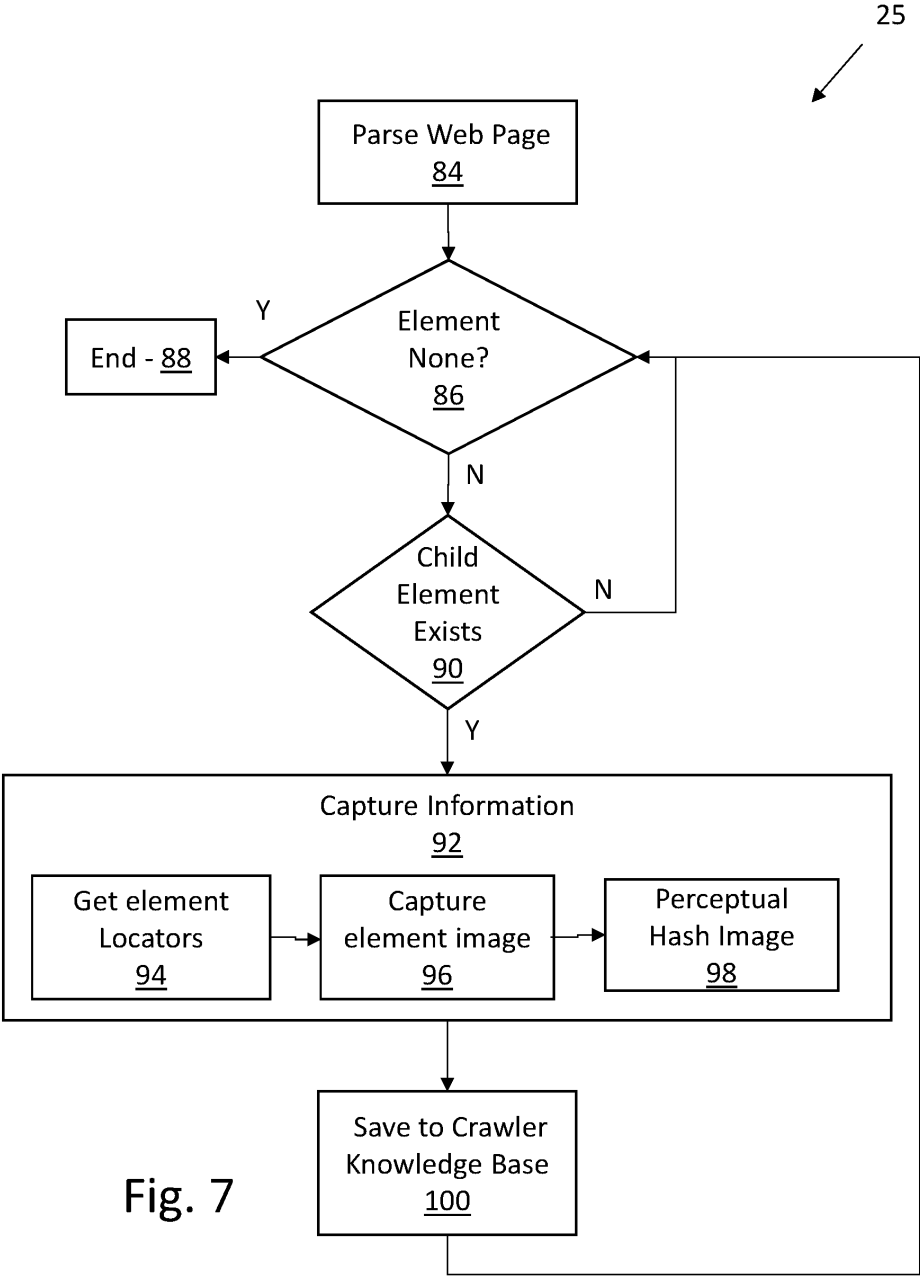
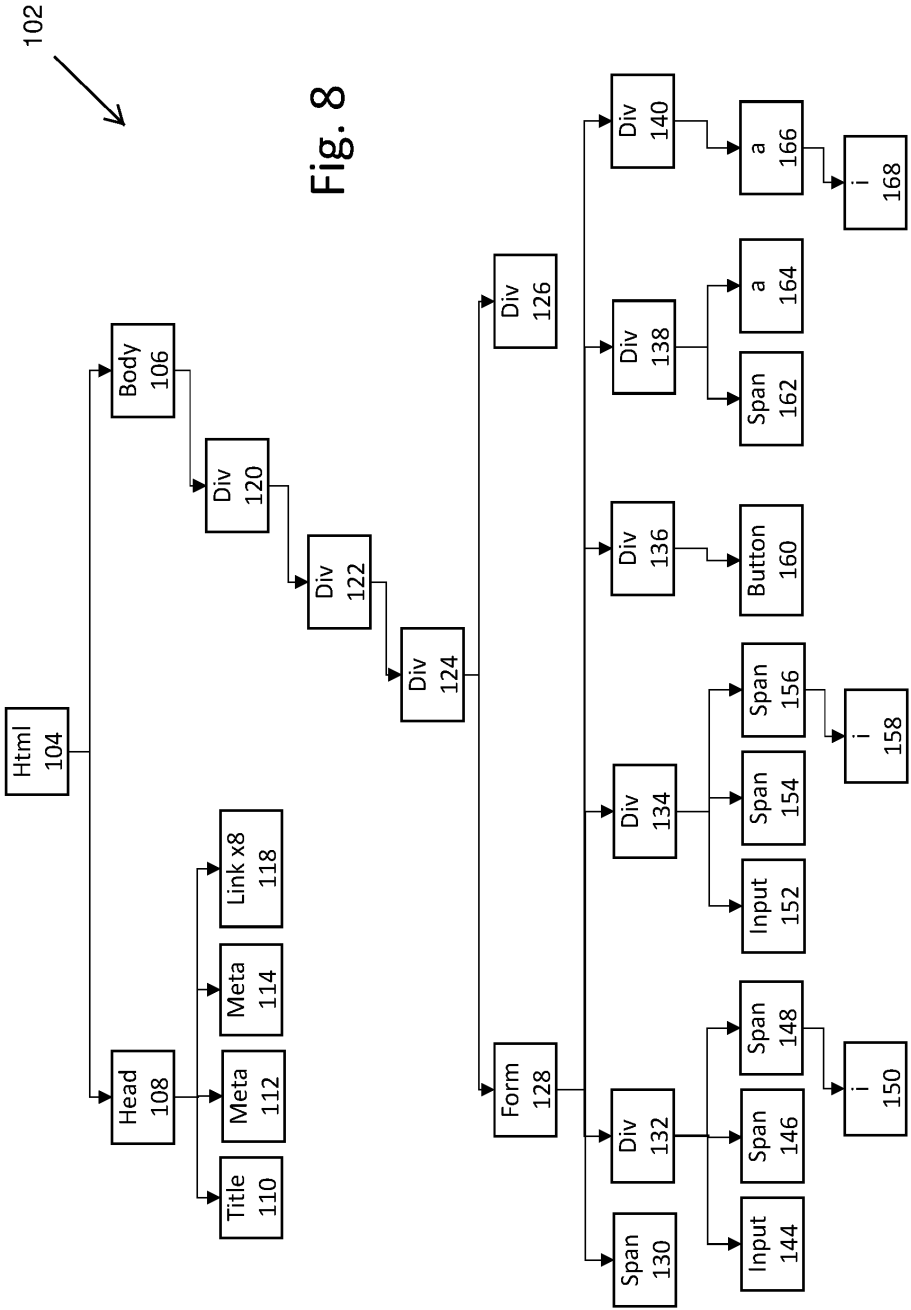


Fig. 7



101
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```

104 <!DOCTYPE html>
    <html lang="en">
108 <head>
110   <title>Login V1</title>
112   <meta charset="UTF-8">
114   <meta name="viewport" content="width=device-width, initial-scale=1">
    <!--=====
        <link rel="icon" type="image/png" href="images/icons/favicon.ico"/>
    <!--=====
        <link rel="stylesheet" type="text/css" href=
118   "vendor/bootstrap/css/bootstrap.min.css">
    <!--=====
        <link rel="stylesheet" type="text/css" href=
        "fonts/font-awesome-4.7.0/css/font-awesome.min.css">
    <!--=====
        <link rel="stylesheet" type="text/css" href=
        "vendor/animate/animate.css">
    <!--=====
        <link rel="stylesheet" type="text/css" href=
        "vendor/css-hamburgers/hamburgers.min.css">
    <!--=====
        <link rel="stylesheet" type="text/css" href=
        "vendor/select2/select2.min.css">
    <!--=====
        <link rel="stylesheet" type="text/css" href="css/util.css">
        <link rel="stylesheet" type="text/css" href="css/main.css">
    <!--=====
    </head>
172
106 <body>
    <div class="limiter">
122   <div class="container-login100">
124     <div class="wrap-login100">
126       <div class="login100-pic js-tilt" data-tilt>
        
127       </div>
128     </div>
  
```

Fig. 9

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
169      <div class="text-center p-t-136">
170      <a class="txt2" href="#">
171      Create your Account
172      </a>
173      </div>
174
175      </form>

```

Fig. 10

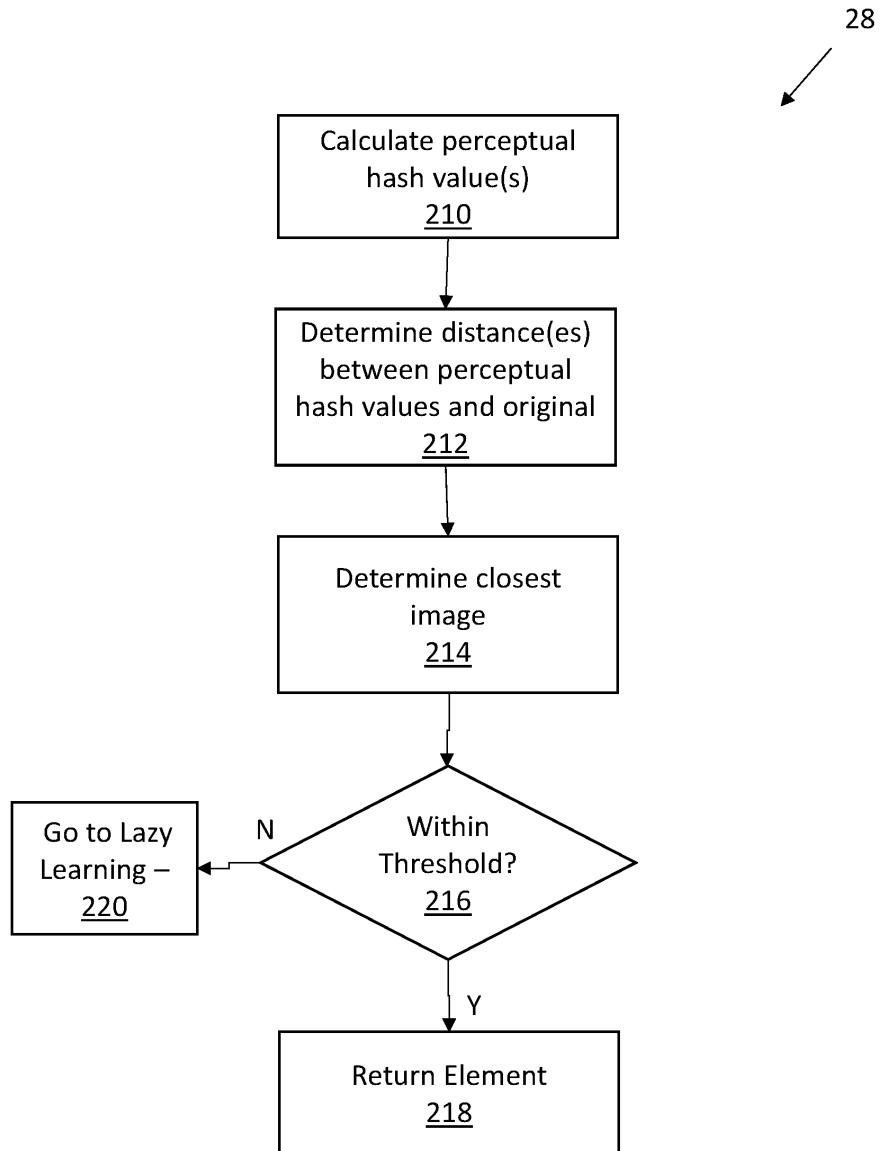


Fig. 12

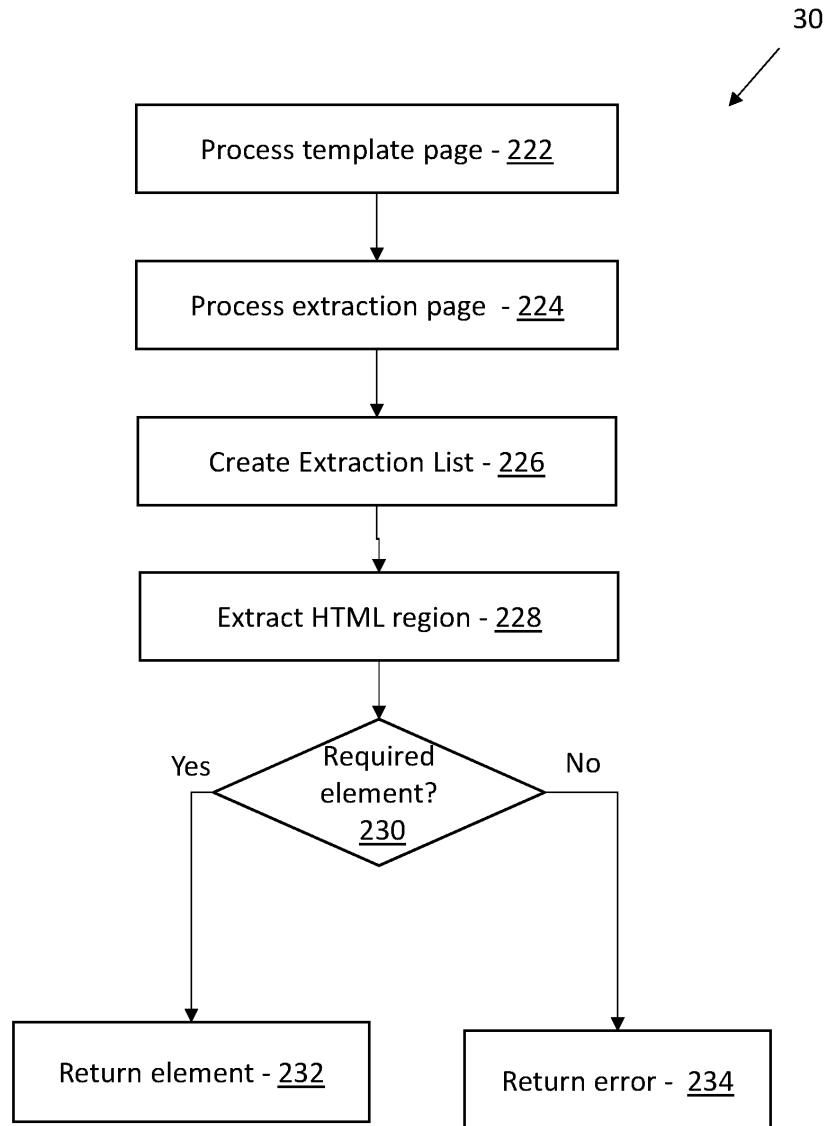


Fig. 13

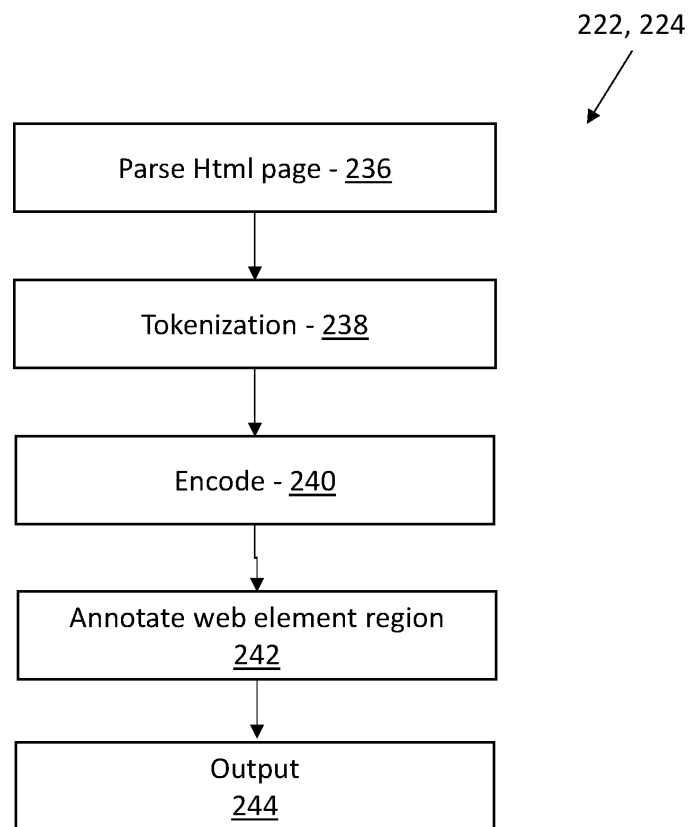


Fig. 14

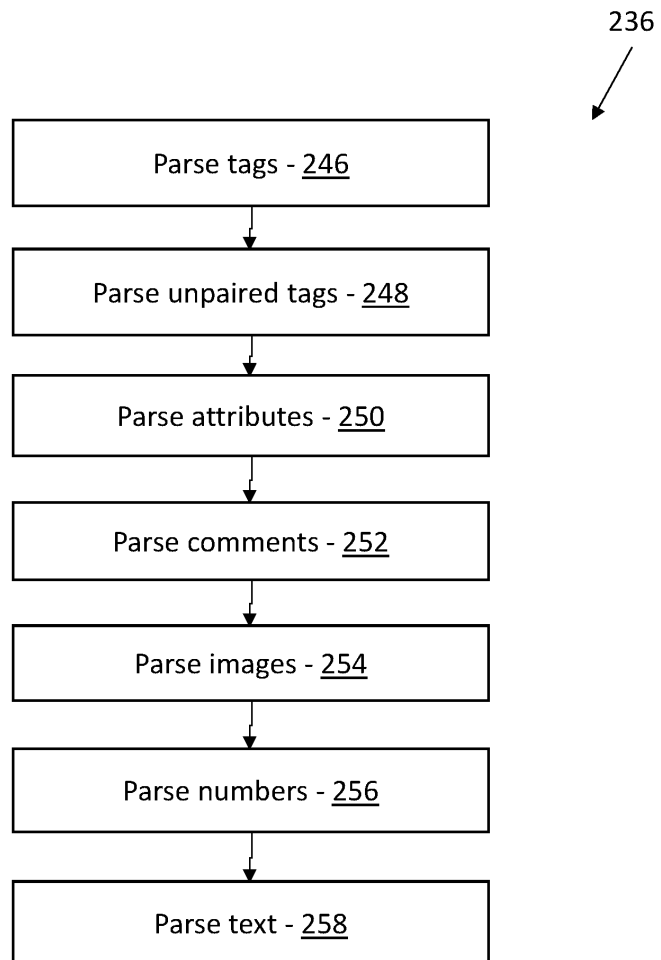


Fig. 15

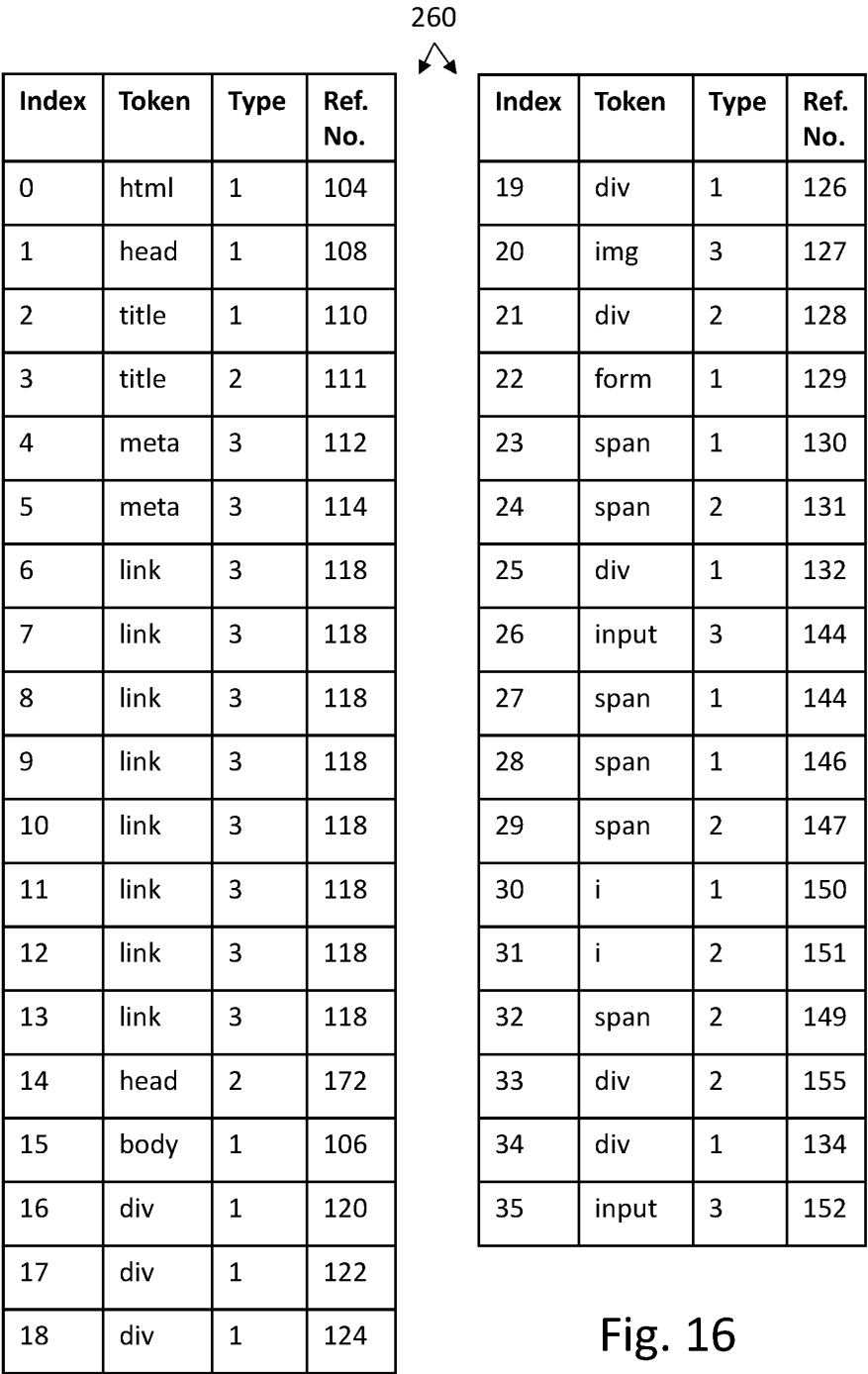


Fig. 16

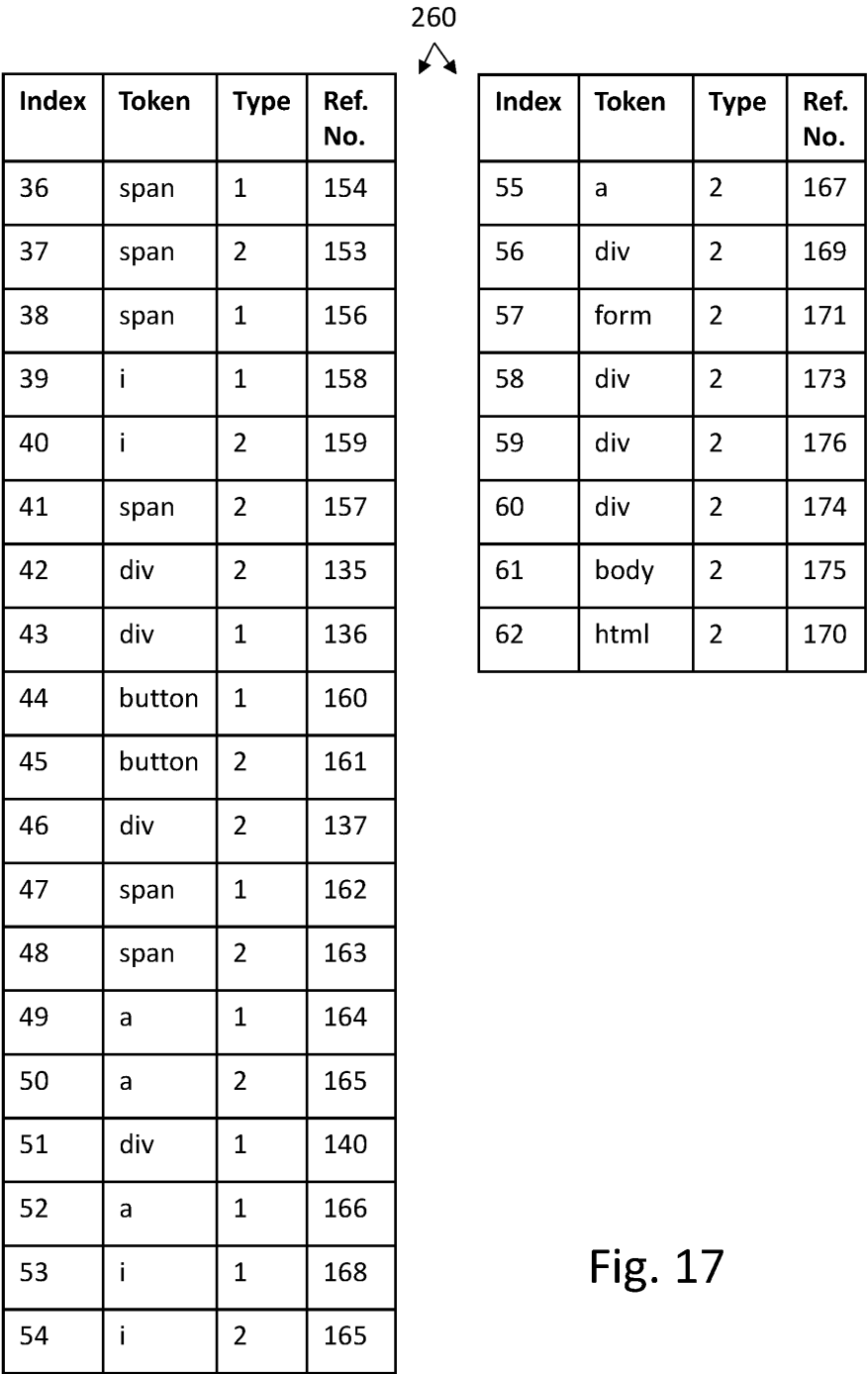
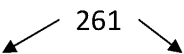


Fig. 17



261

Index	Type
0	16777216
1	16777216
2	16777216
3	33554432
4	50331648
5	50331648
6	50331648
7	50331648
8	50331648
9	50331648
10	50331648
11	50331648
12	50331648
13	50331648
14	33554432
15	16777216
16	16777216
17	16777216

Index	Type
18	16777216
19	16777216
20	50331648
21	33554432
22	16777216
23	16777216
24	33554432
25	16777216
26	50331648
27	16777216
28	16777216
29	33554432
30	16777216
31	33554432
32	33554432
33	33554432
34	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

251



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

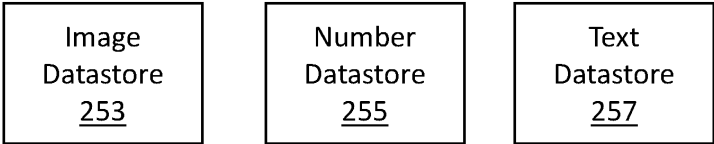


Fig. 18D

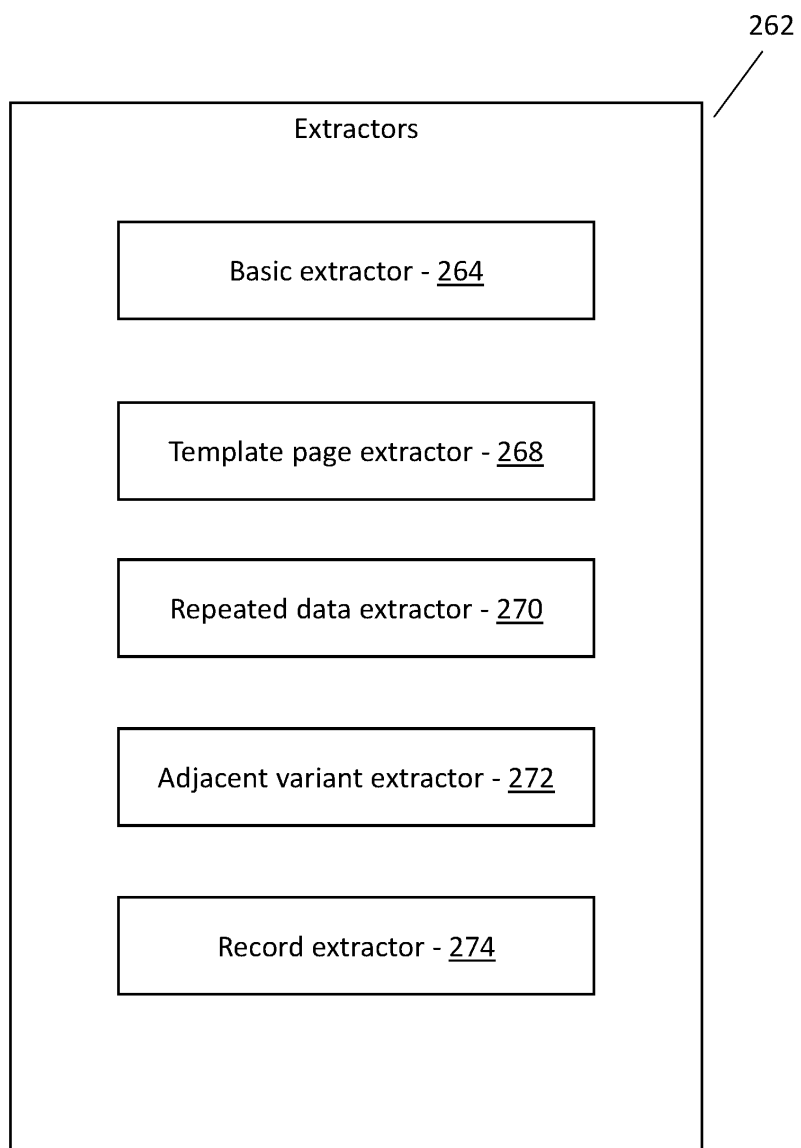


Fig. 19

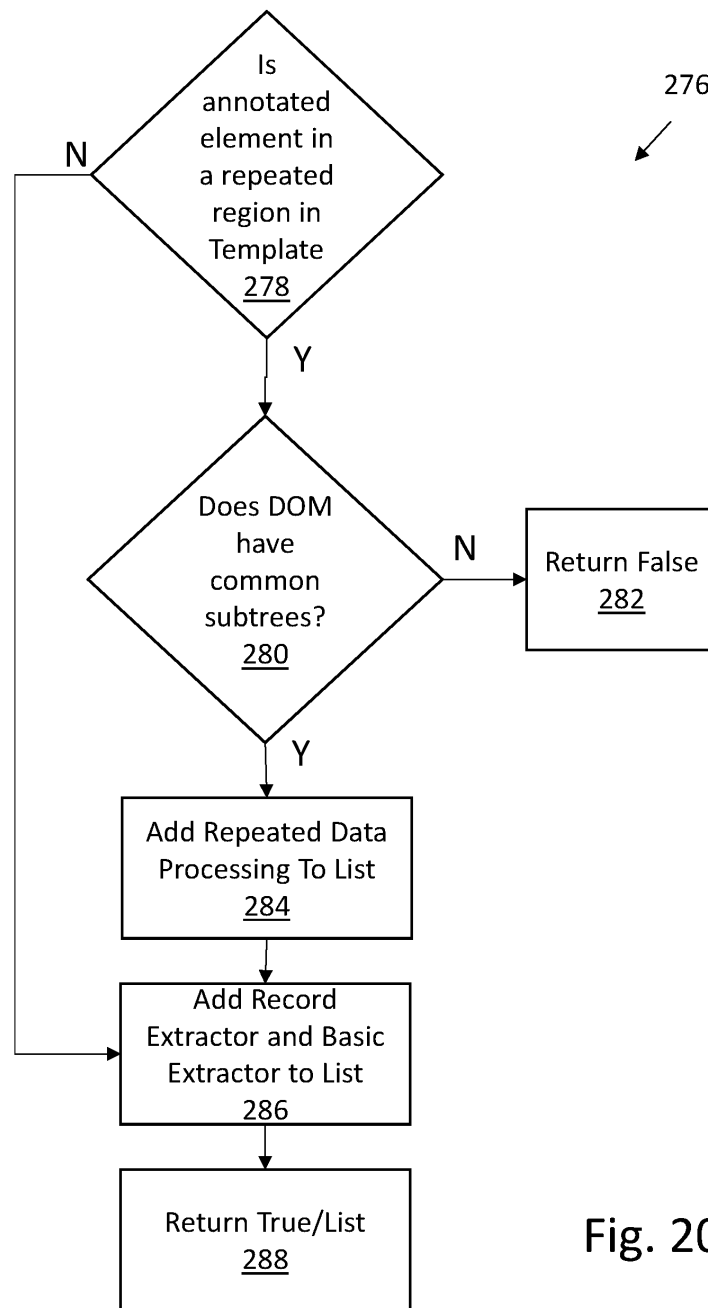


Fig. 20

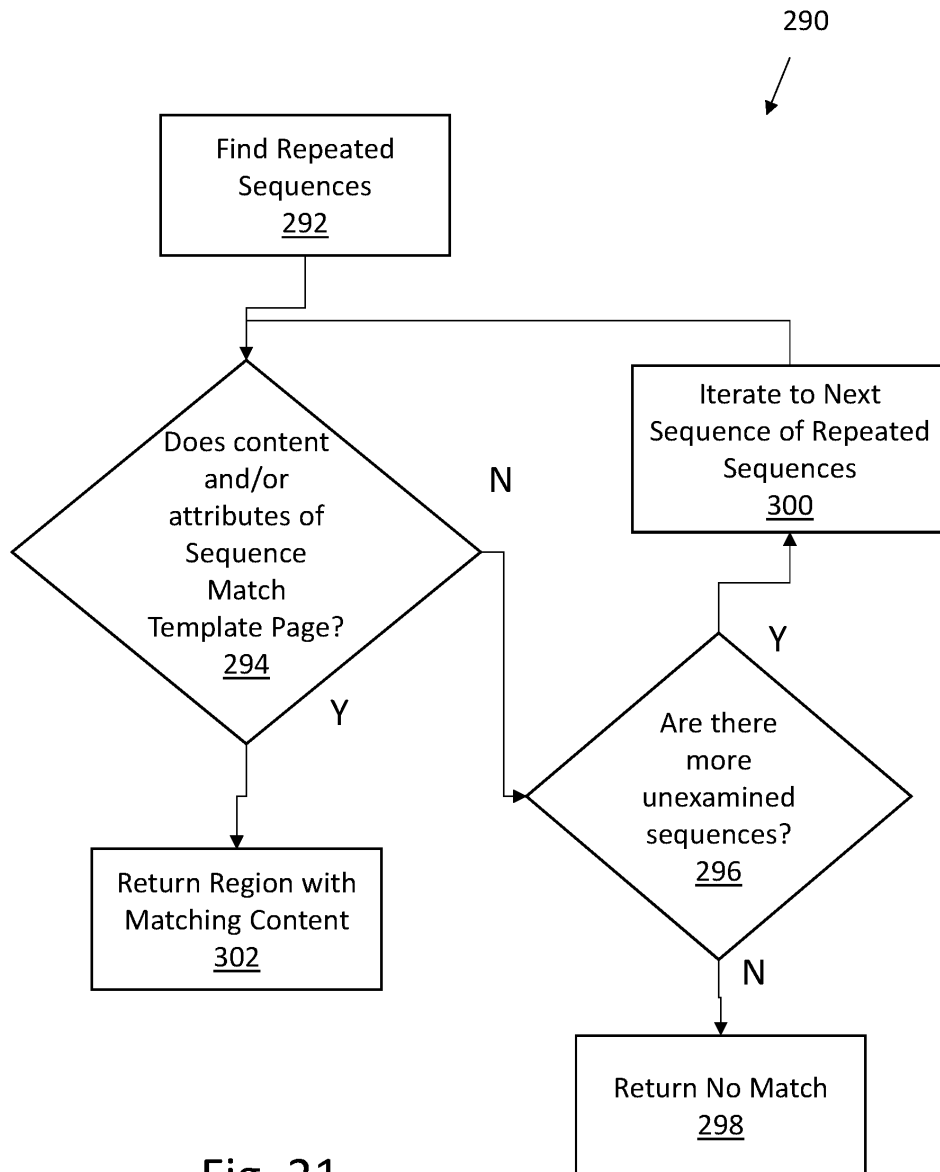


Fig. 21

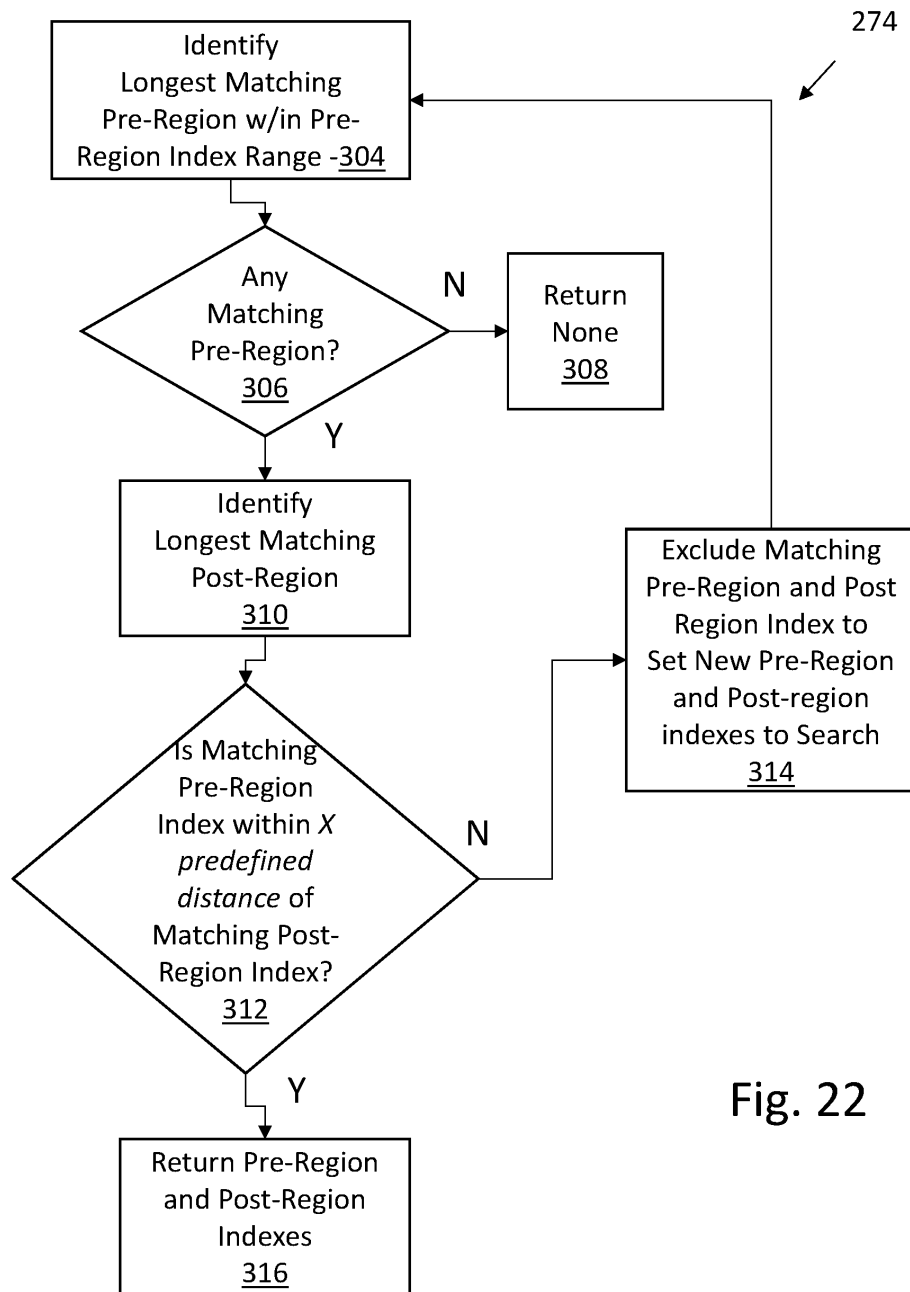


Fig. 22

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

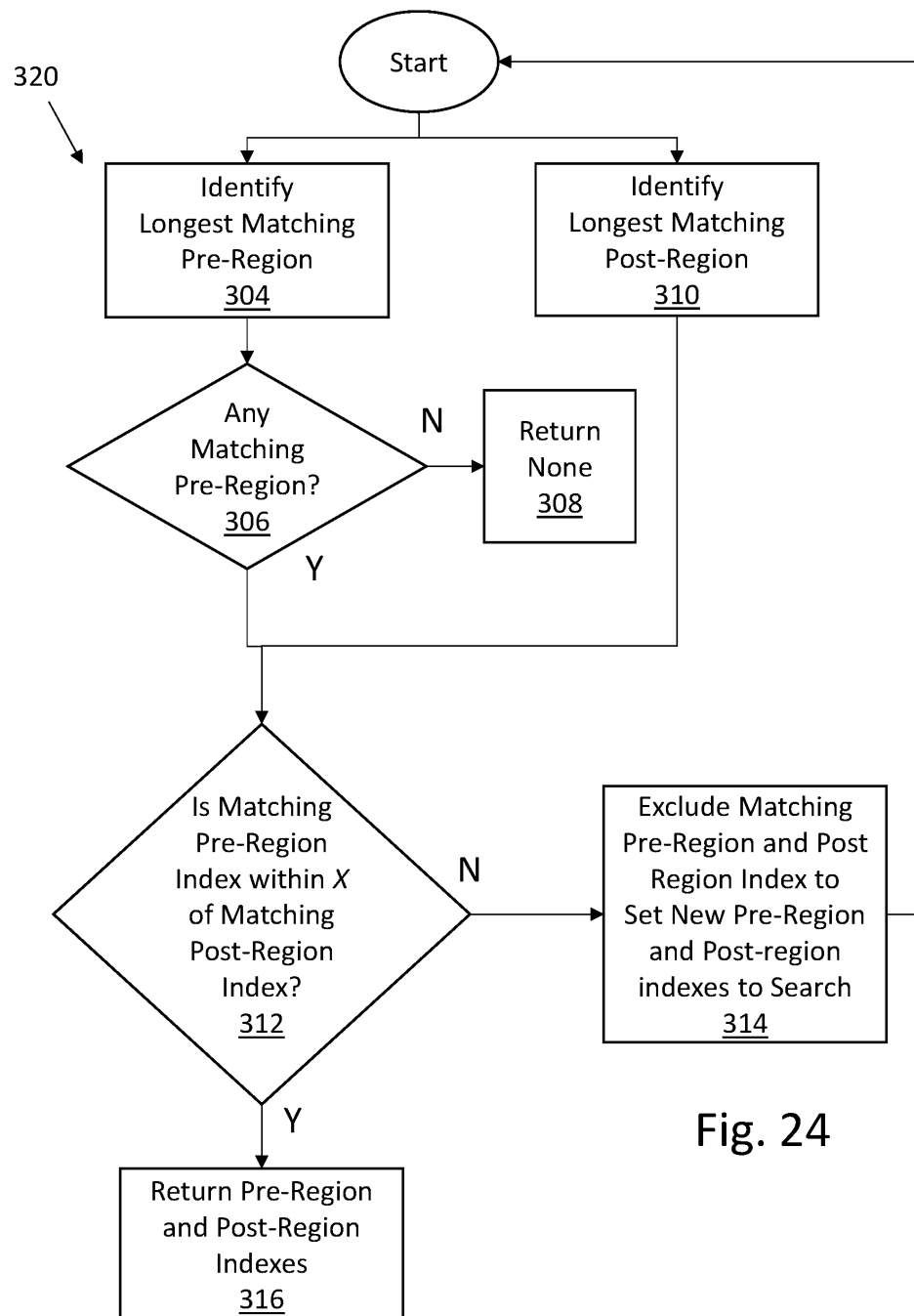


Fig. 24

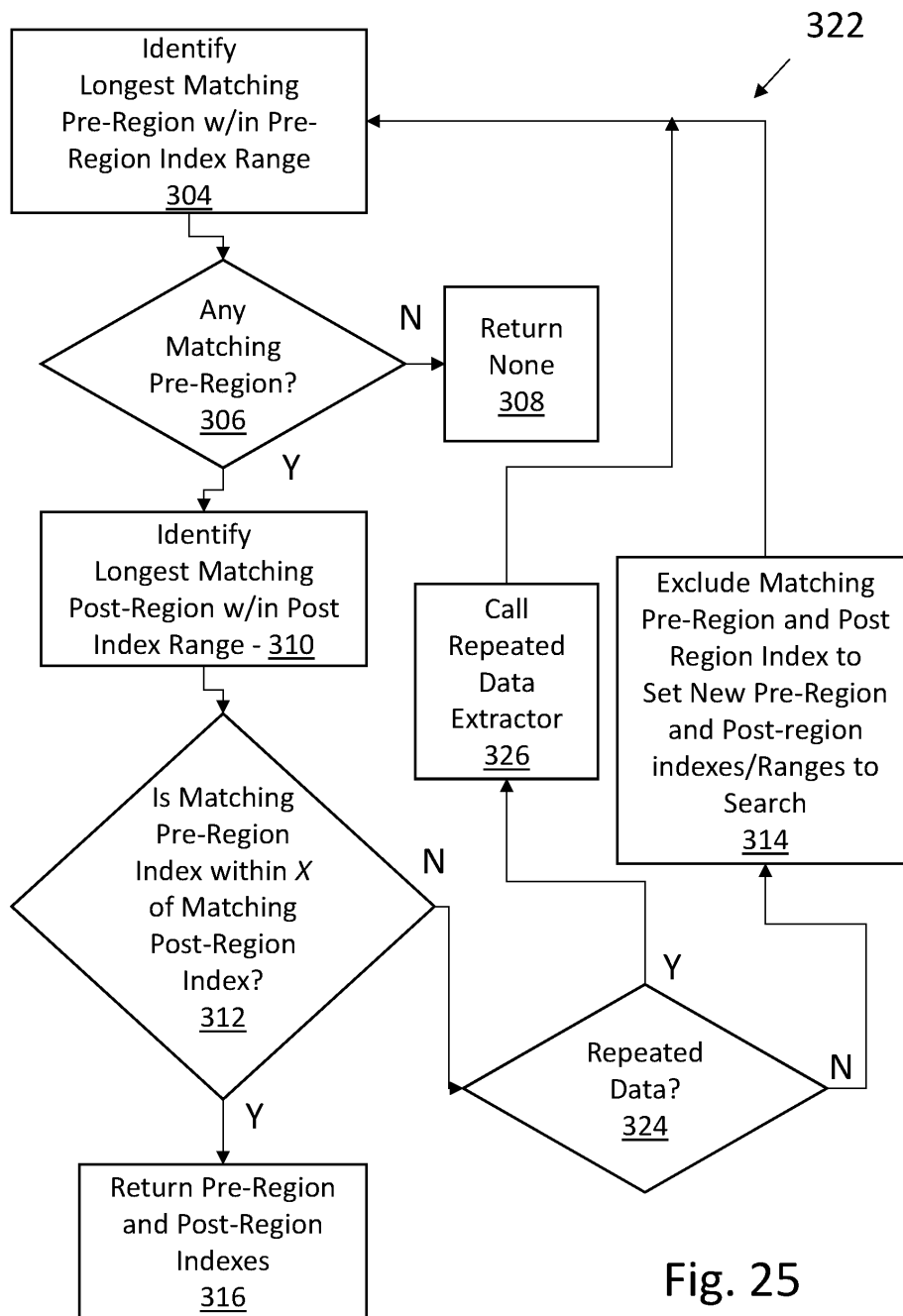


Fig. 25

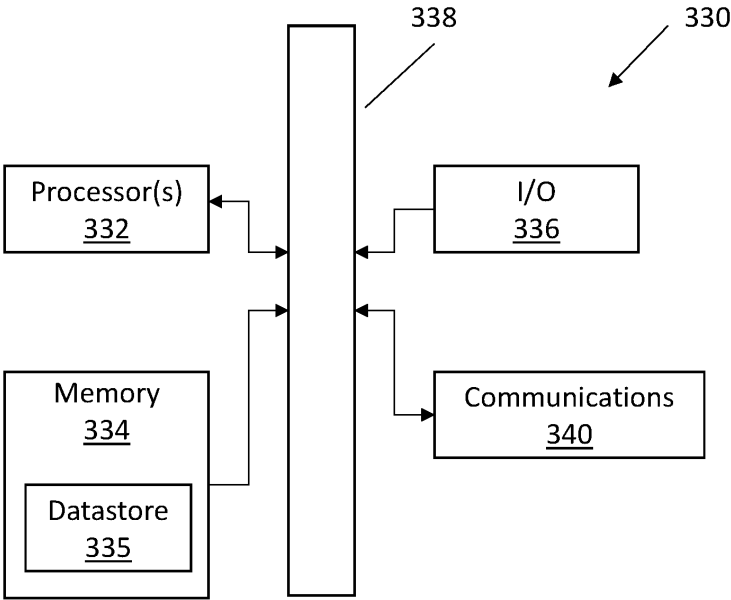


Fig. 26

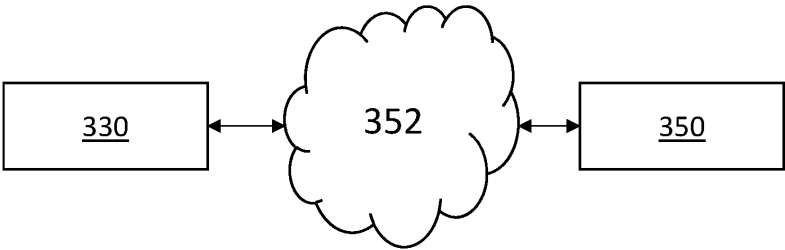


Fig. 27

277

275

279

	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