

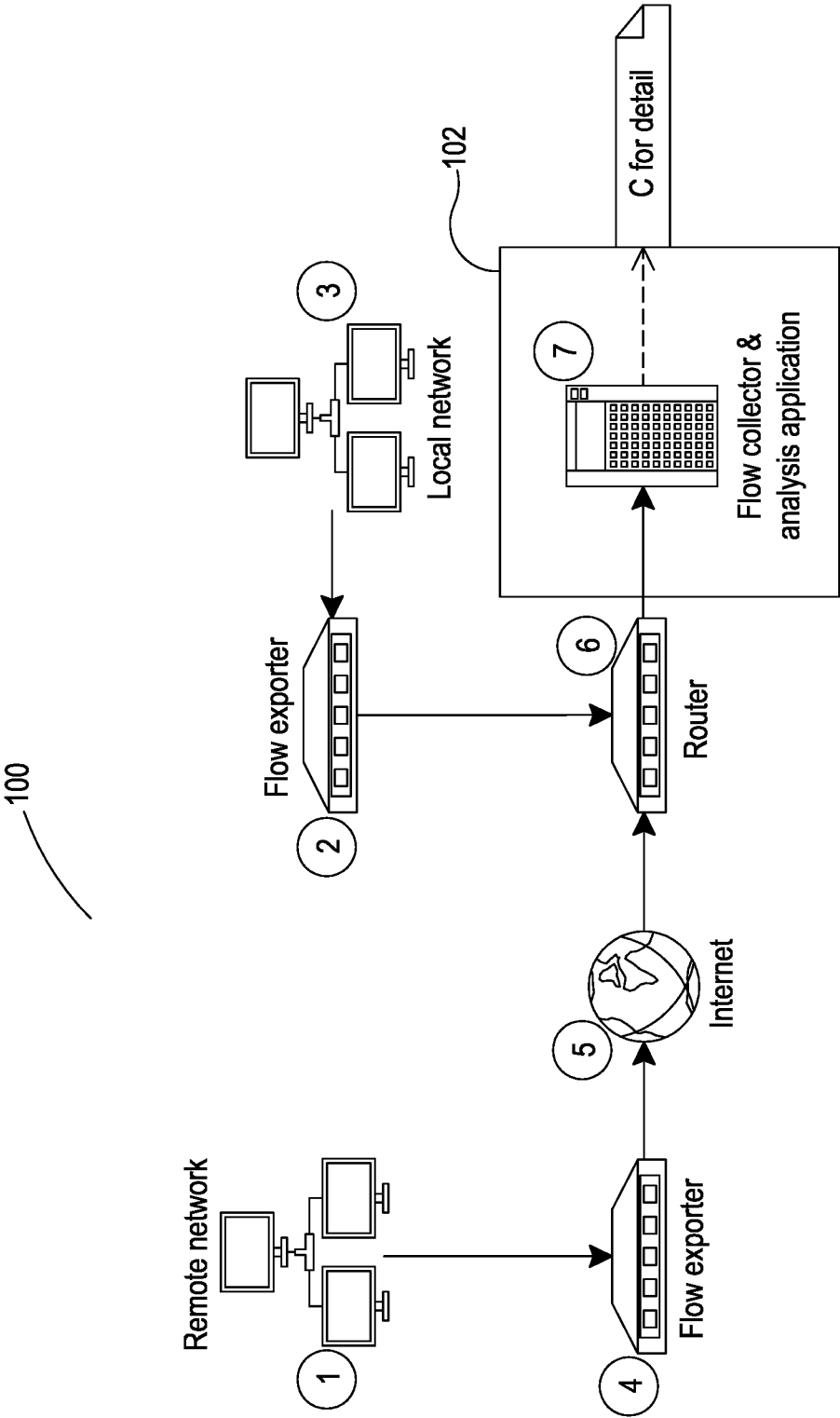


Figure 1

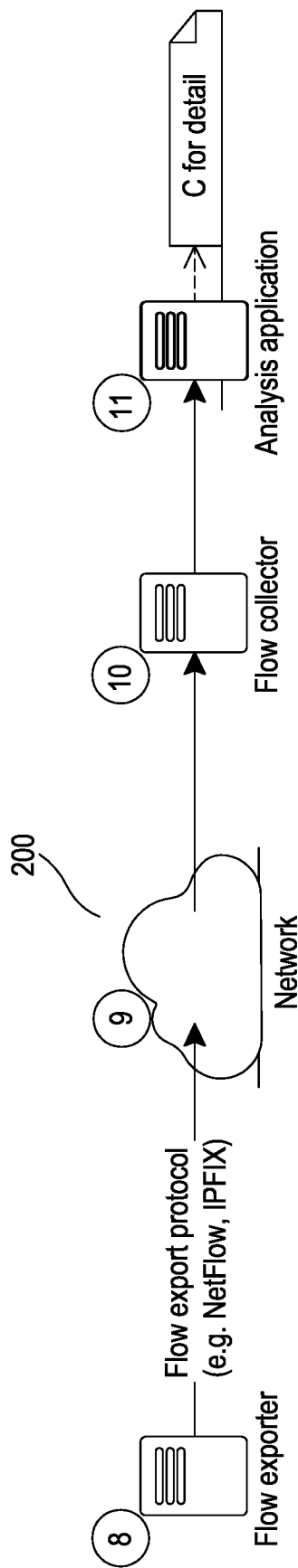


Figure 2

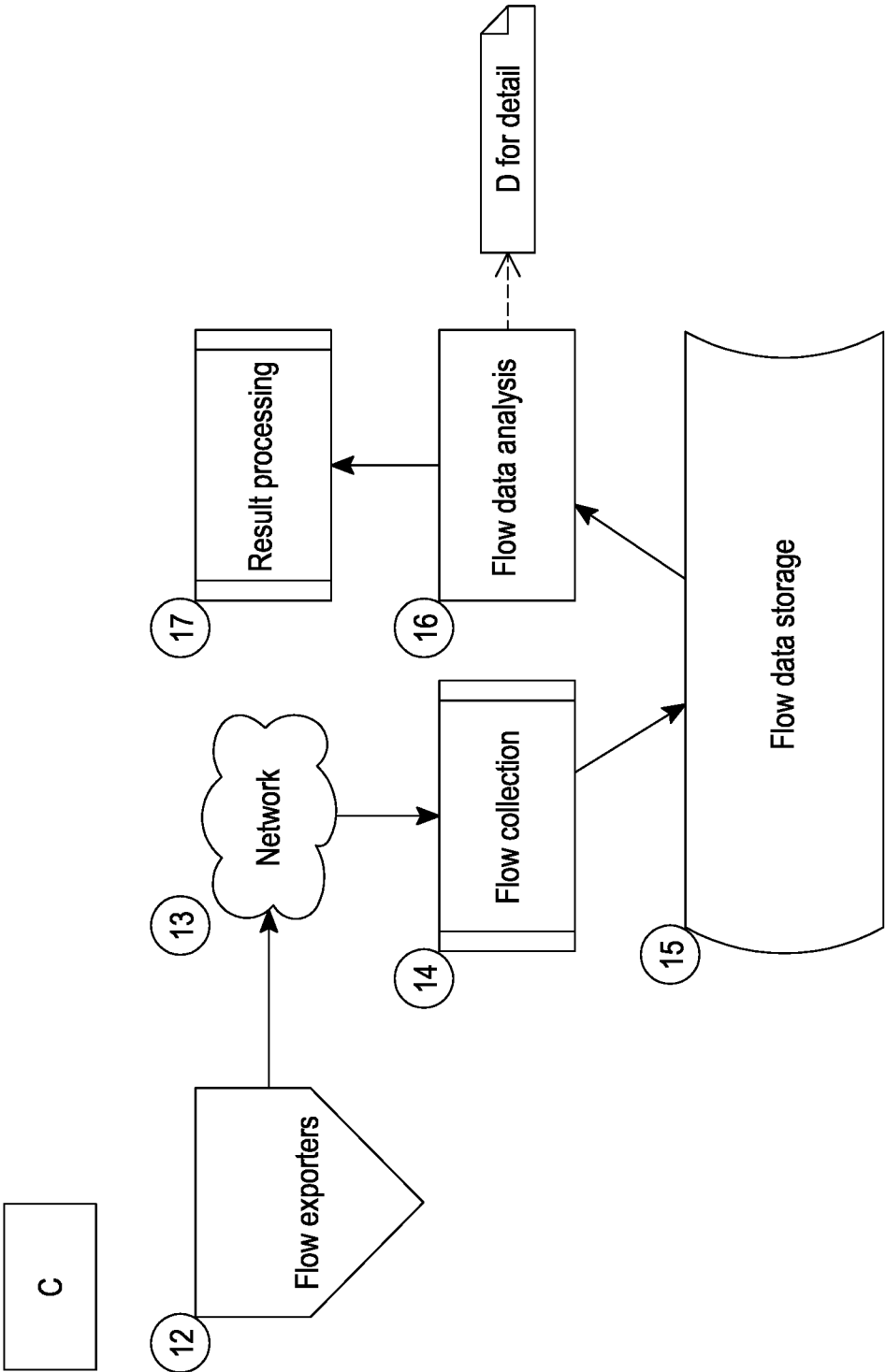


Figure 3

4/9

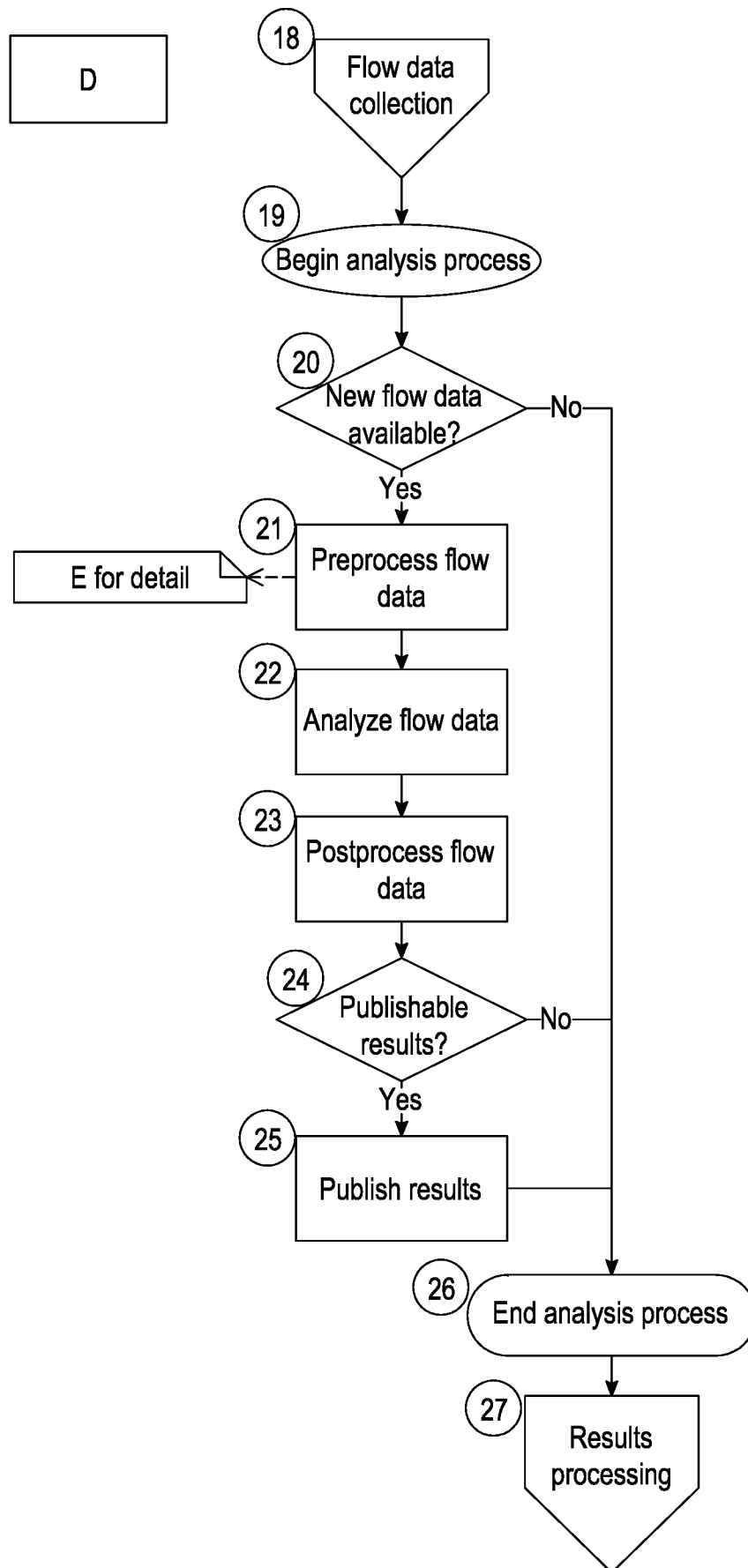


Figure 4

5/9

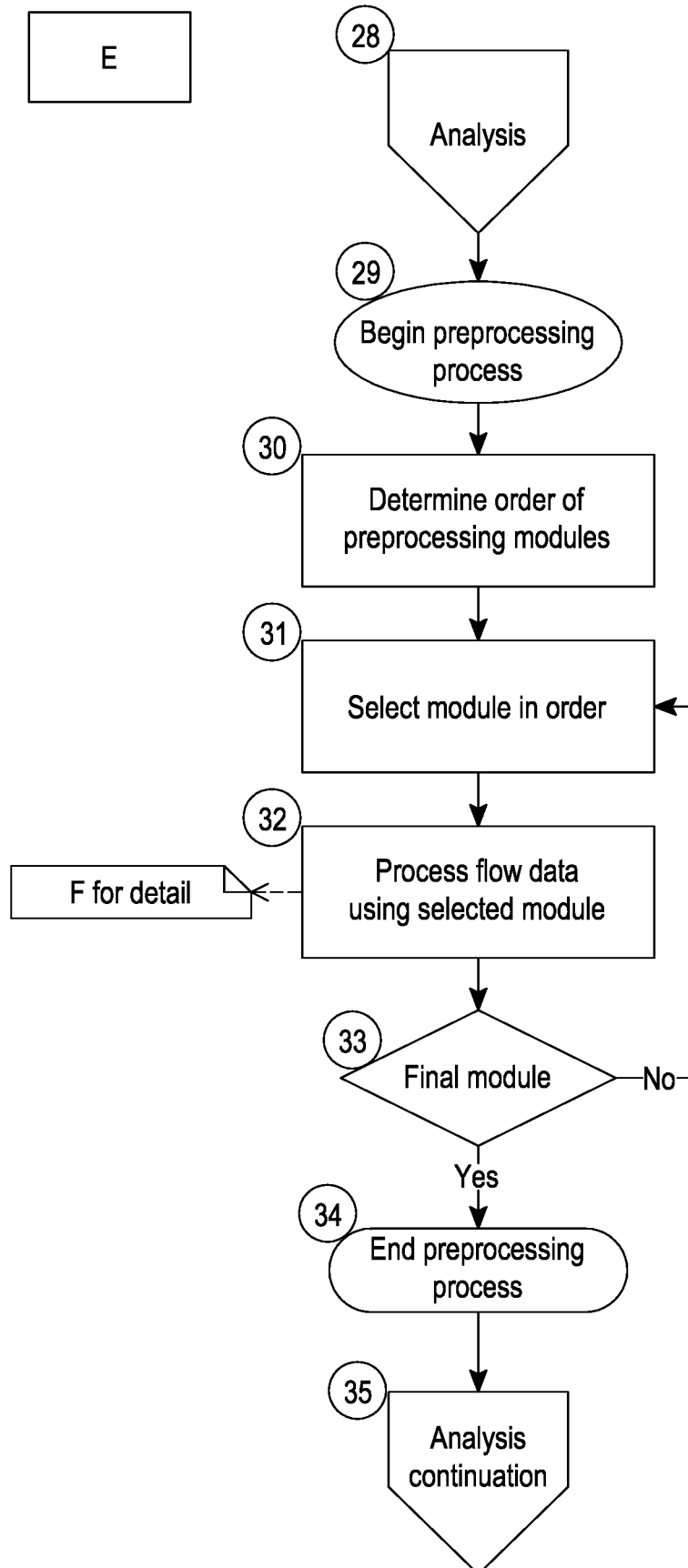


Figure 5

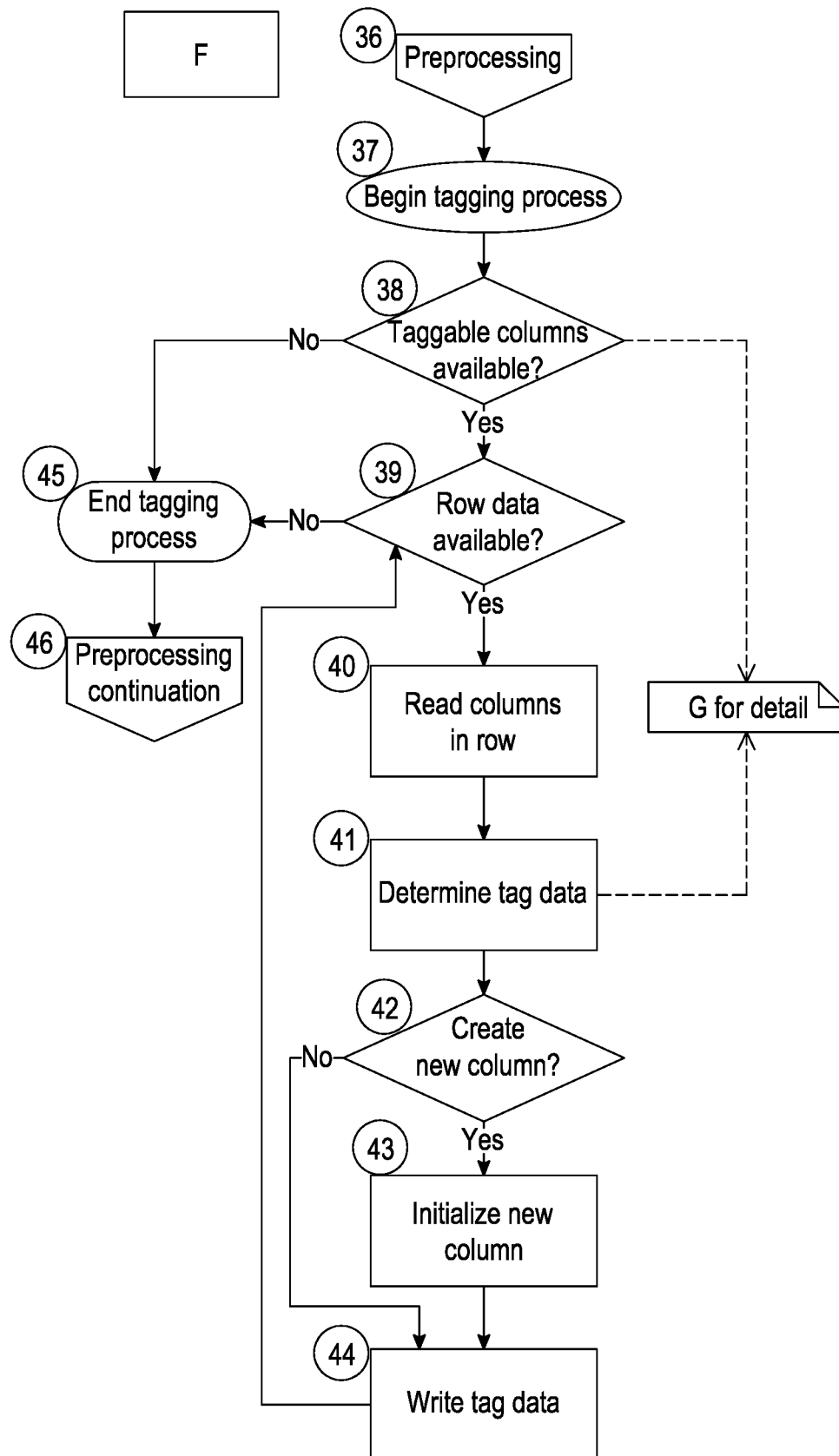


Figure 6

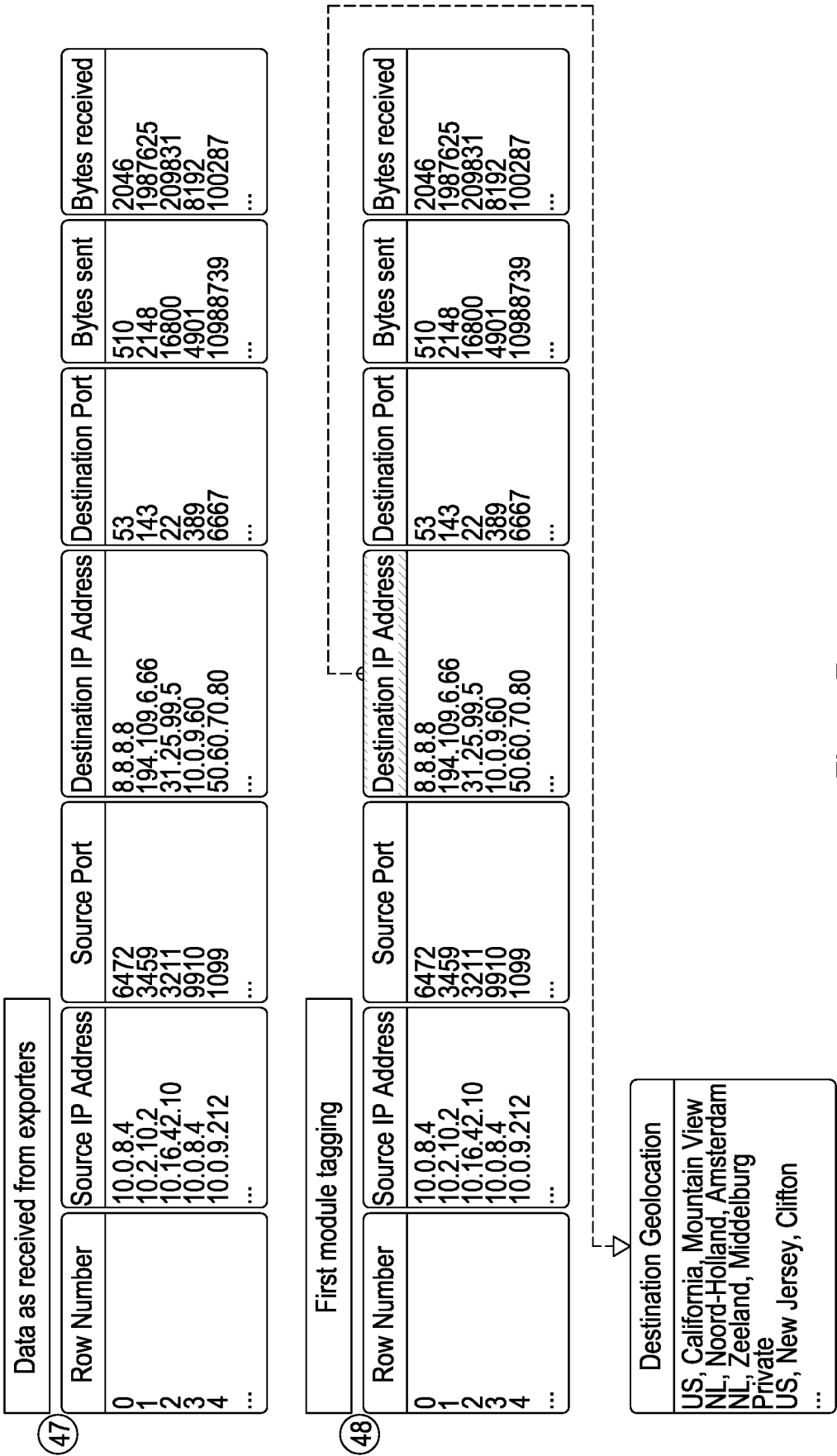


Figure 7

49

Second module tagging

Row Number	Source IP Address	Source Port	Destination IP Address	Destination Port	Bytes sent	Bytes received
0	10.0.8.4	6472	8.8.8.8	53	510	2046
1	10.2.10.2	3459	194.109.6.66	143	2148	1987625
2	10.16.42.10	3211	31.25.99.5	22	16800	209831
3	10.0.8.4	9910	10.0.9.60	389	4901	8192
4	10.0.9.212	1099	50.60.70.80	6667	10988739	100287
...	...	...	...	...	...	...

Destination Geolocation

Frequency

US, California, Mountain View827738
NL, Noord-Holland, Amsterdam3049
NL, Zeeland, Middelburg324
Private19002
US, New Jersey, Clifton1
...

50

Third module tagging

Row Number	Source IP Address	Source Port	Destination IP Address	Destination Port	Bytes sent	Bytes received
0	10.0.8.4	6472	8.8.8.8	53	510	2046
1	10.2.10.2	3459	194.109.6.66	143	2148	1987625
2	10.16.42.10	3211	31.25.99.5	22	16800	209831
3	10.0.8.4	9910	10.0.9.60	389	4901	8192
4	10.0.9.212	1099	50.60.70.80	6667	10988739	100287
...	...	...	...	...	...	...

Destination Geolocation

Frequency

US, California, Mountain View827738
NL, Noord-Holland, Amsterdam3049
NL, Zeeland, Middelburg324
Private19002
US, New Jersey, Clifton1
...

Traffic ratio

249267
1081
80064
598267
109572916

Figure 7 Continued

Figure 7 Continued

Fourth module tagging

51

Row Number	Source IP Address	Source Port	Destination IP Address	Destination Port	Bytes sent	Bytes received
0	10.0.8.4	6472	8.8.8.8	53	510	2046
1	10.2.10.2	3459	194.109.6.66	143	2148	1987625
2	10.16.42.10	3211	31.25.99.5	22	16800	209831
3	10.0.8.4	9910	10.0.9.60	389	4901	8192
4	10.0.9.212	1099	50.60.70.80	6667	10988739	100287
...	...	...	...	...	...	...

Destination Geolocation	Frequency	Traffic ratio	Anomalous
US, California, Mountain View	827738	249267	0
NL, Noord-Holland, Amsterdam	3049	1081	31
NL, Zeeland, Middelburg	324	80064	210
Private	19002	598267	2
US, New Jersey, Clifton	1	109572916	750
...	...	...	...

Fifth module tagging

52

Row Number	Source IP Address	Source Port	Destination IP Address	Destination Port	Bytes sent	Bytes received
0	10.0.8.4	6472	8.8.8.8	53	510	2046
1	10.2.10.2	3459	194.109.6.66	143	2148	1987625
2	10.16.42.10	3211	31.25.99.5	22	16800	209831
3	10.0.8.4	9910	10.0.9.60	389	4901	8192
4	10.0.9.212	1099	50.60.70.80	6667	10988739	100287
...	...	...	...	...	...	...

Destination Geolocation	Frequency	Traffic ratio	Anomalous
US, California, Mountain View	827738	249267	0
NL, Noord-Holland, Amsterdam	3049	1081	2
NL, Zeeland, Middelburg	324	80064	100
Private	19002	598267	1
US, New Jersey, Clifton	1	109572916	996
...	...	...	...

Figure 7 Continued

Figure 7 Continued