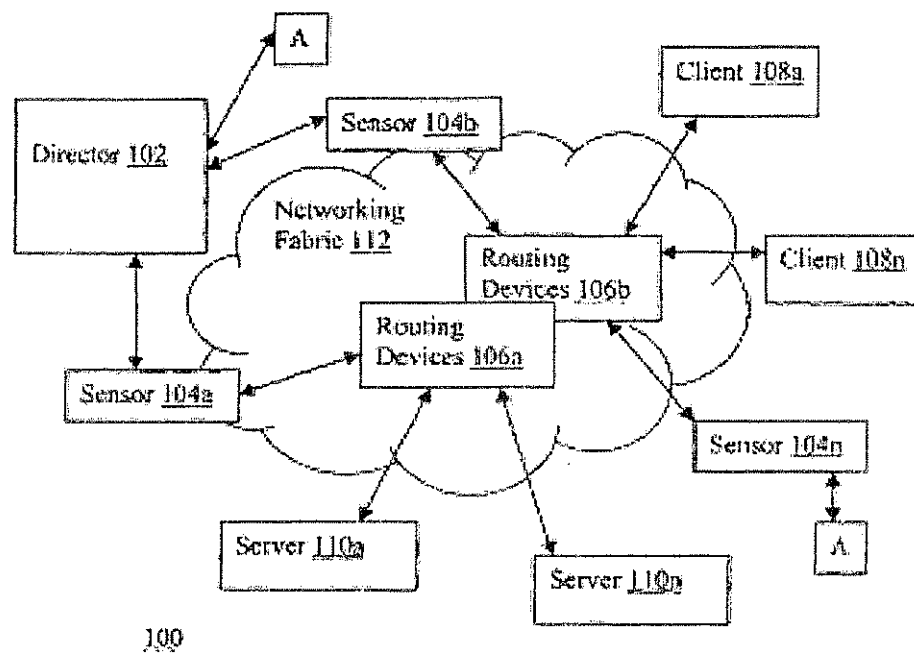


Figure 1A



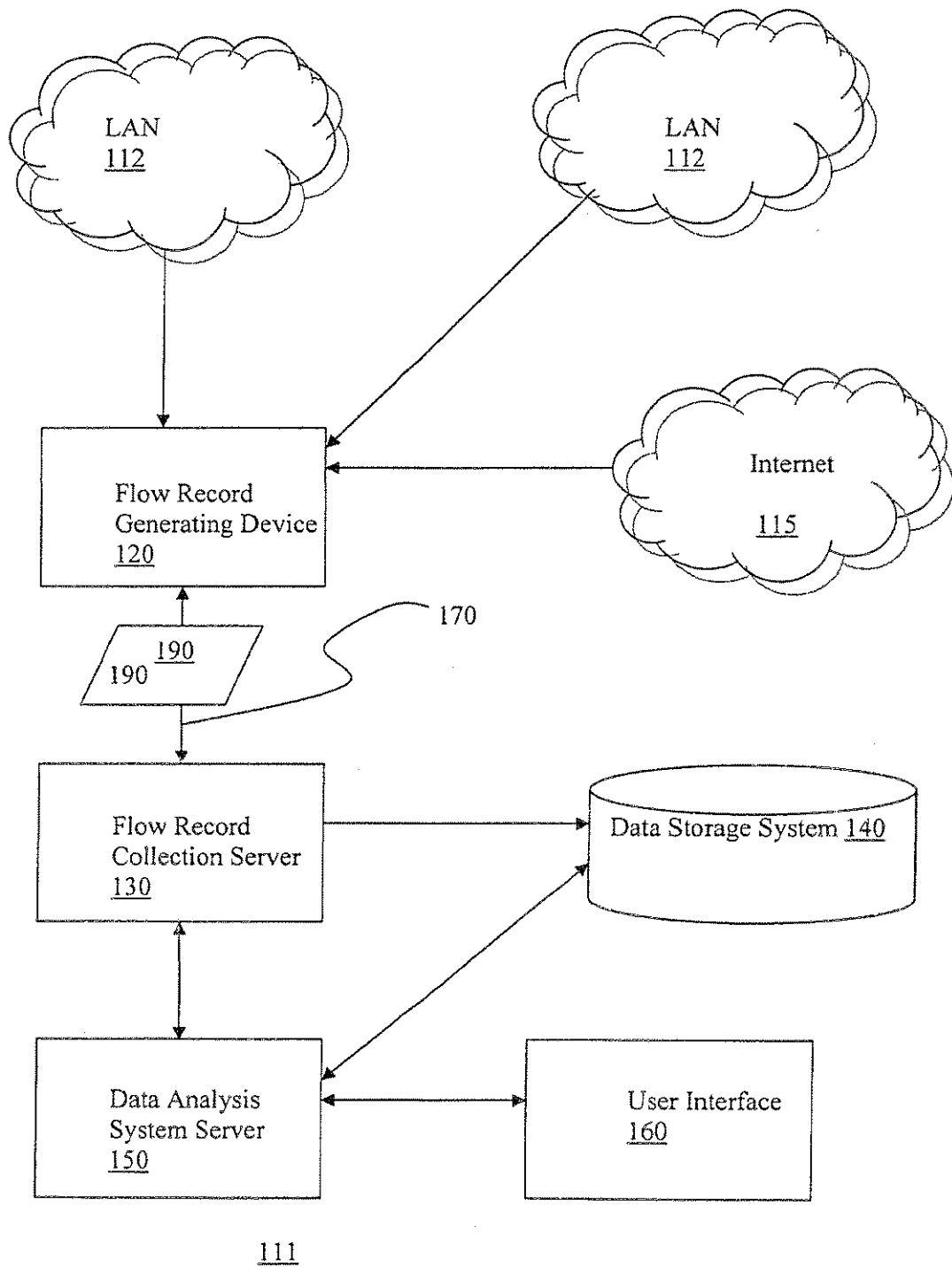


Figure 1B
(Prior Art)

Exemplary Flow Record
200

Flow Version number	<u>210</u>
Sequence number	<u>220</u>
Input and output interface SNMP indices	<u>230</u>
Timestamps for the flow start and finish time	<u>240</u>
Number of bytes and packets observed in the flow	<u>250</u>
Layer 3 headers, including Source & destination IP addresses, Source and destination port numbers, IP protocol, and Type of Service (ToS) value	<u>260</u>
For TCP flows, the union of all TCP flags observed over the life of the flow.	<u>270</u>

Figure 2
(PRIOR ART)

Flow Record Number <u>310</u>	Source IP Address <u>320</u>	Time Stamp <u>330</u>	Byte Size <u>340</u>
1	xxx.xxx.x.1	t ₁	10
2	xxx.xxx.x.1	t ₂	20
3	xxx.xxx.x.2	t ₃	1000
4	xxx.xxx.x.2	t ₄	2000
5	xxx.xxx.x.1	t ₅	30
6	xxx.xxx.x.3	t ₆	10
7	xxx.xxx.x.1	t ₇	40

Exemplary Flow Table 300**Figure 3**

Number of Flow Record Numbers <u>410</u>	Source IP Address <u>420</u>	Total Byte Size <u>430</u>
4	xxx.xxx.x.1	100
2	xxx.xxx.x.2	3000
1	xxx.xxx.x.3	10

Aggregated Flow Table 400**Figure 4**

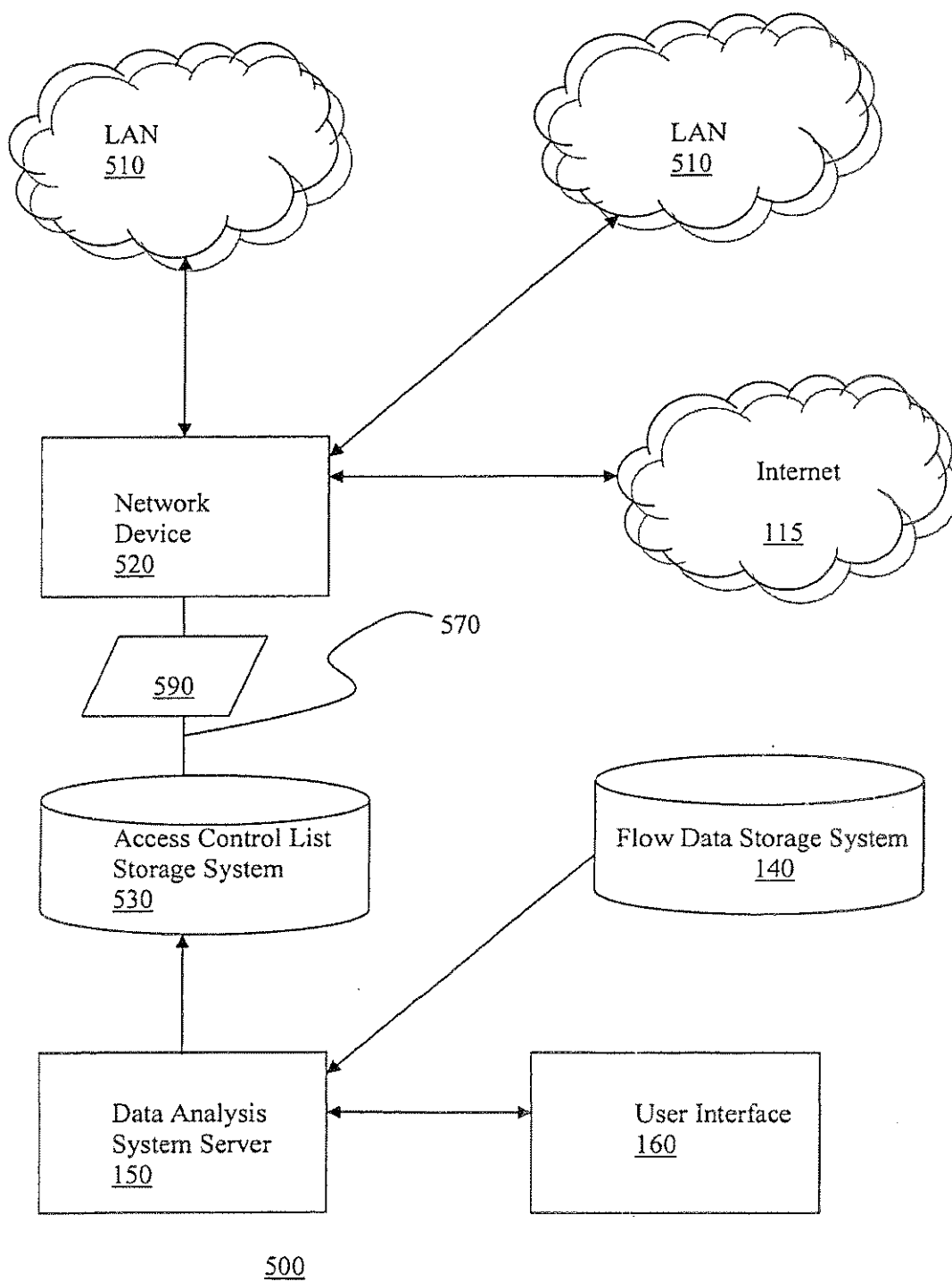
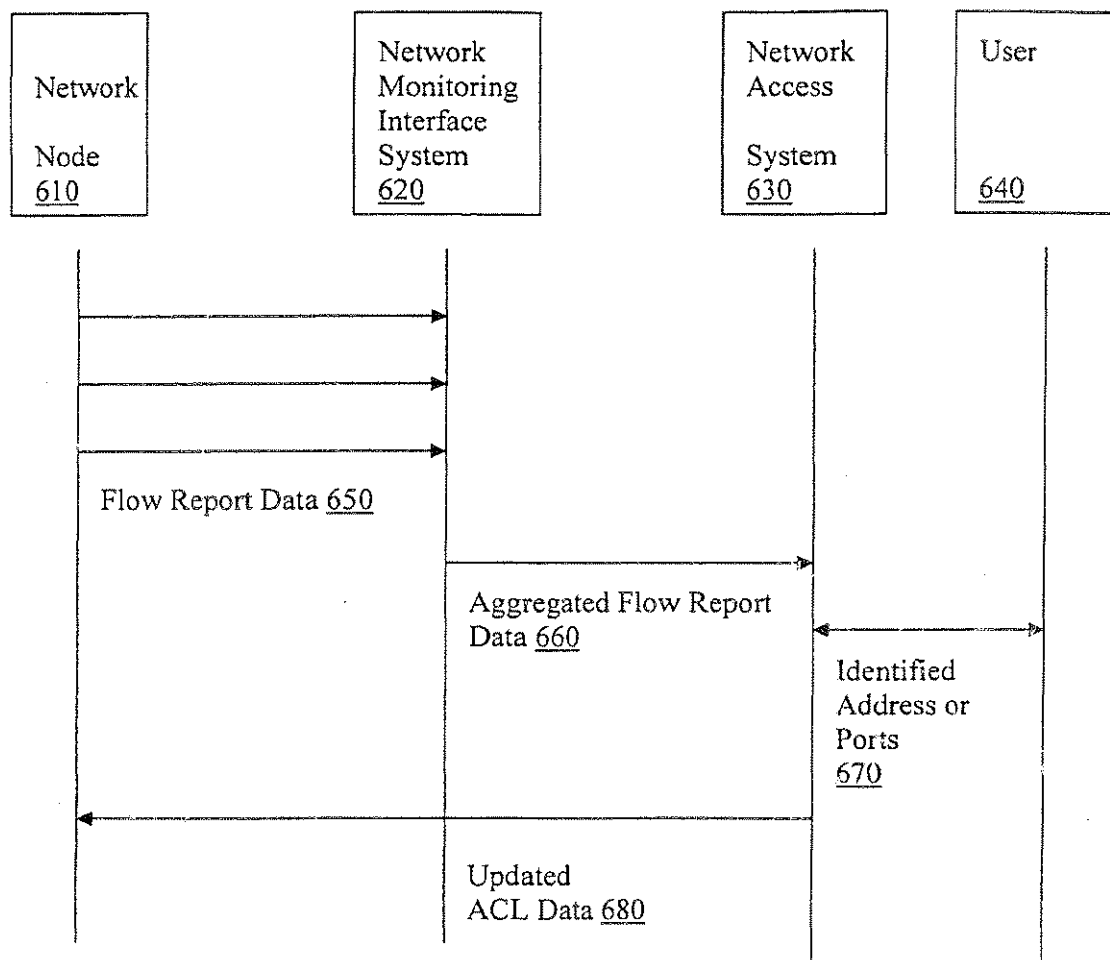


Figure 5

600Figure 6

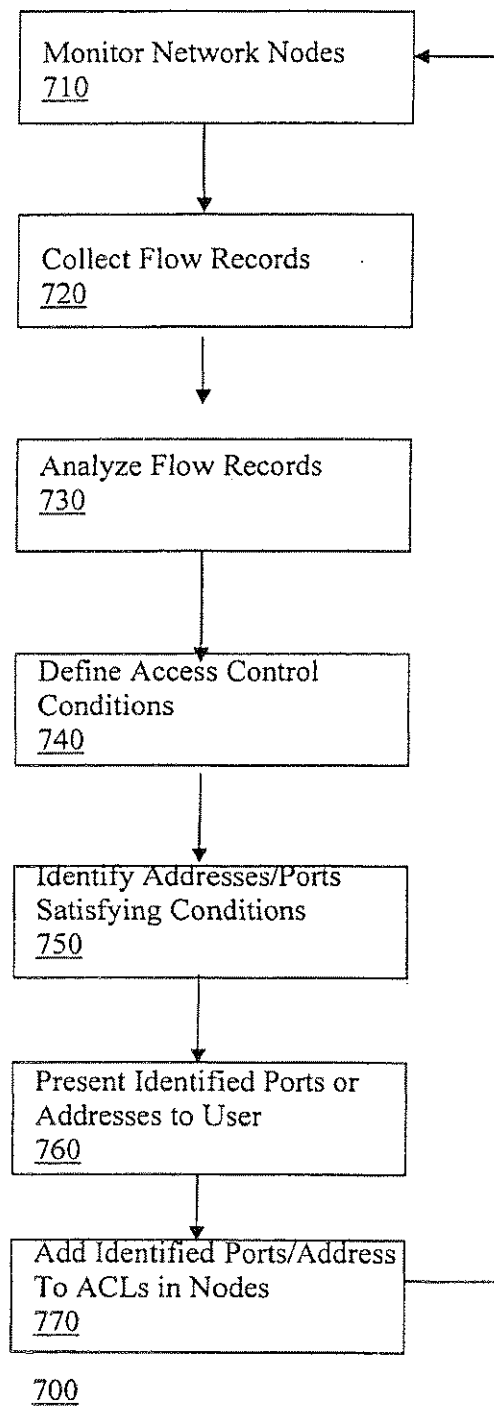


Figure 7