

value appears before a first value, has a lower priority than the first value, or has an overwriting relationship with the first value.

17. The non-transitory storage medium of claim 11, wherein the method further comprises:

representing the first and second selectors of the CSS file and corresponding properties in a table; and  
determining a common area in the table for a respective property.

18. The non-transitory storage medium of claim 17, wherein the method further comprises:

identifying a current maximum common area in the table for a property;  
extracting the property as a common factor;  
merging the common factor across a respective selector comprising the property.

19. The non-transitory storage medium of claim 11, wherein the method further comprises generating the compressed CSS file based on a plurality of merged repeated codes.

20. The non-transitory storage medium of claim 11, wherein the method further comprises preparing the CSS file for compression by organizing properties of all selectors in the CSS file in an alphabetic order.

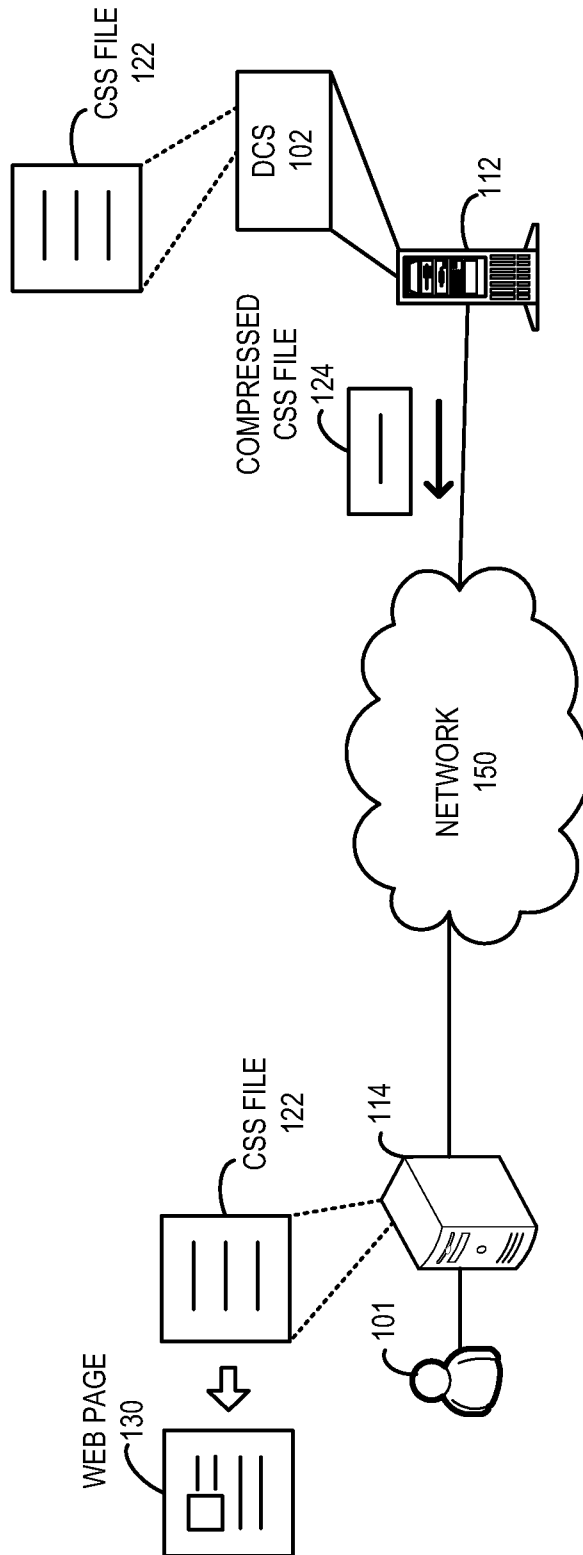
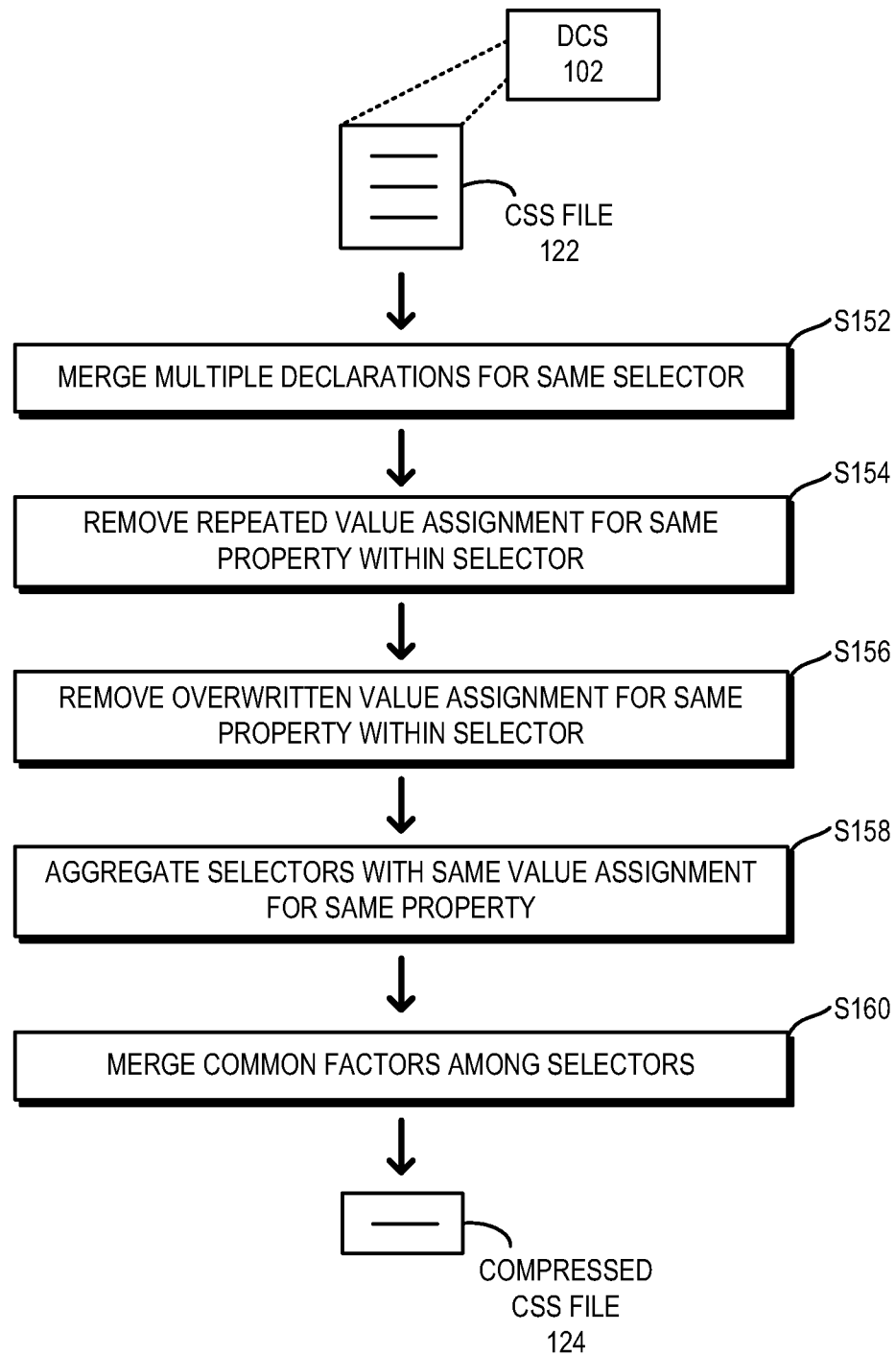


**FIG. 1A**

2/8

**FIG. 1B**

3/8

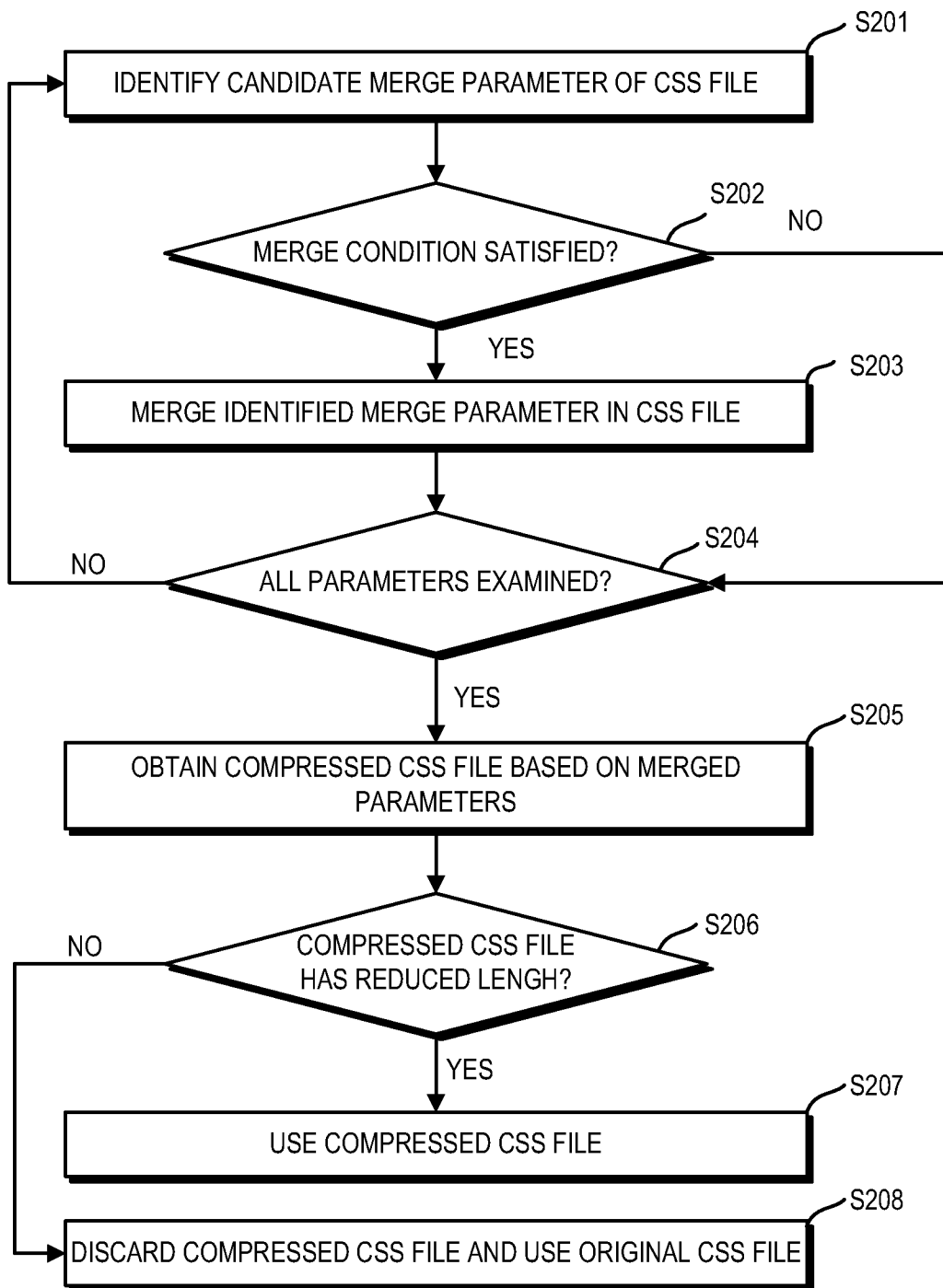


FIG. 2A

4/8

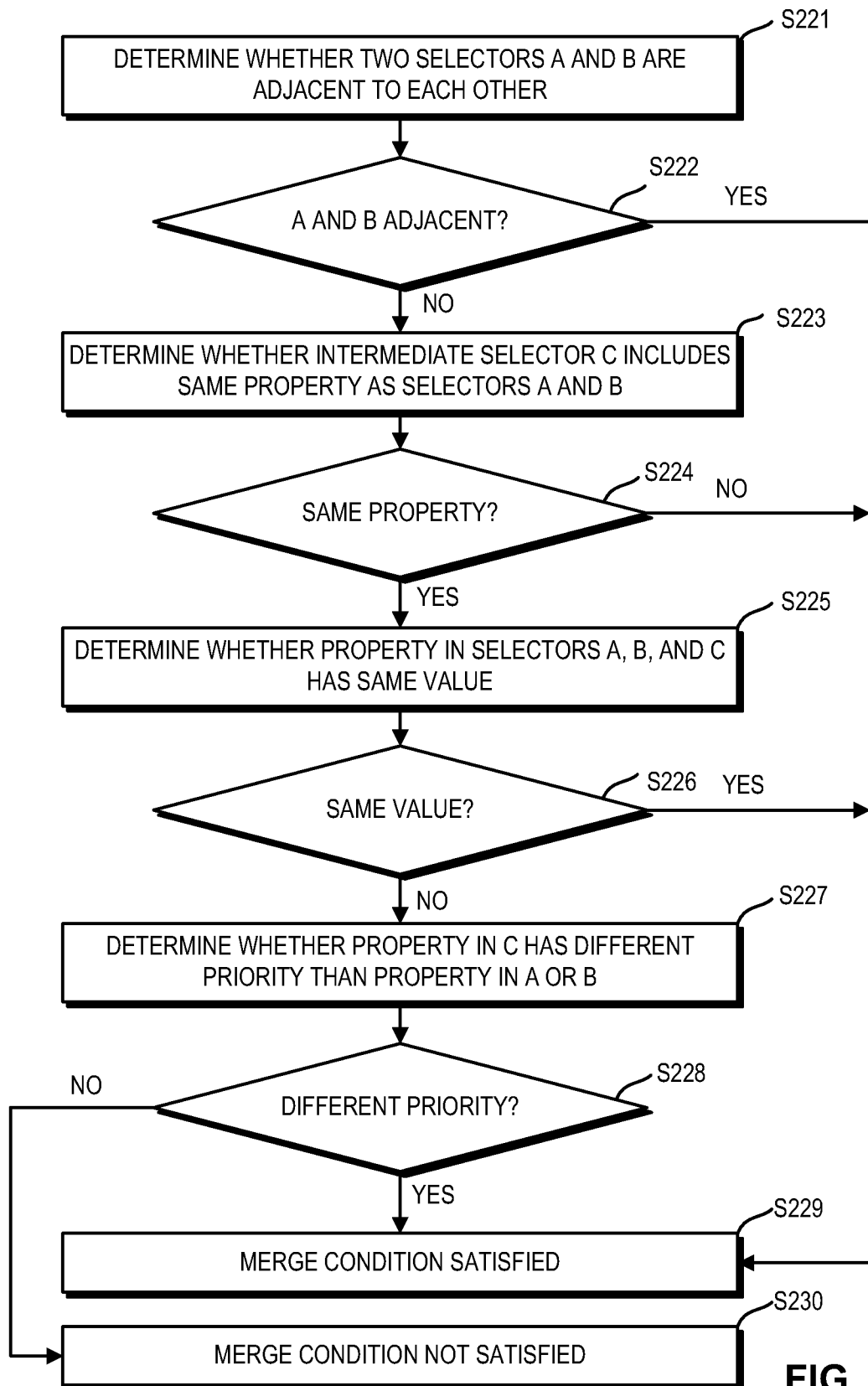
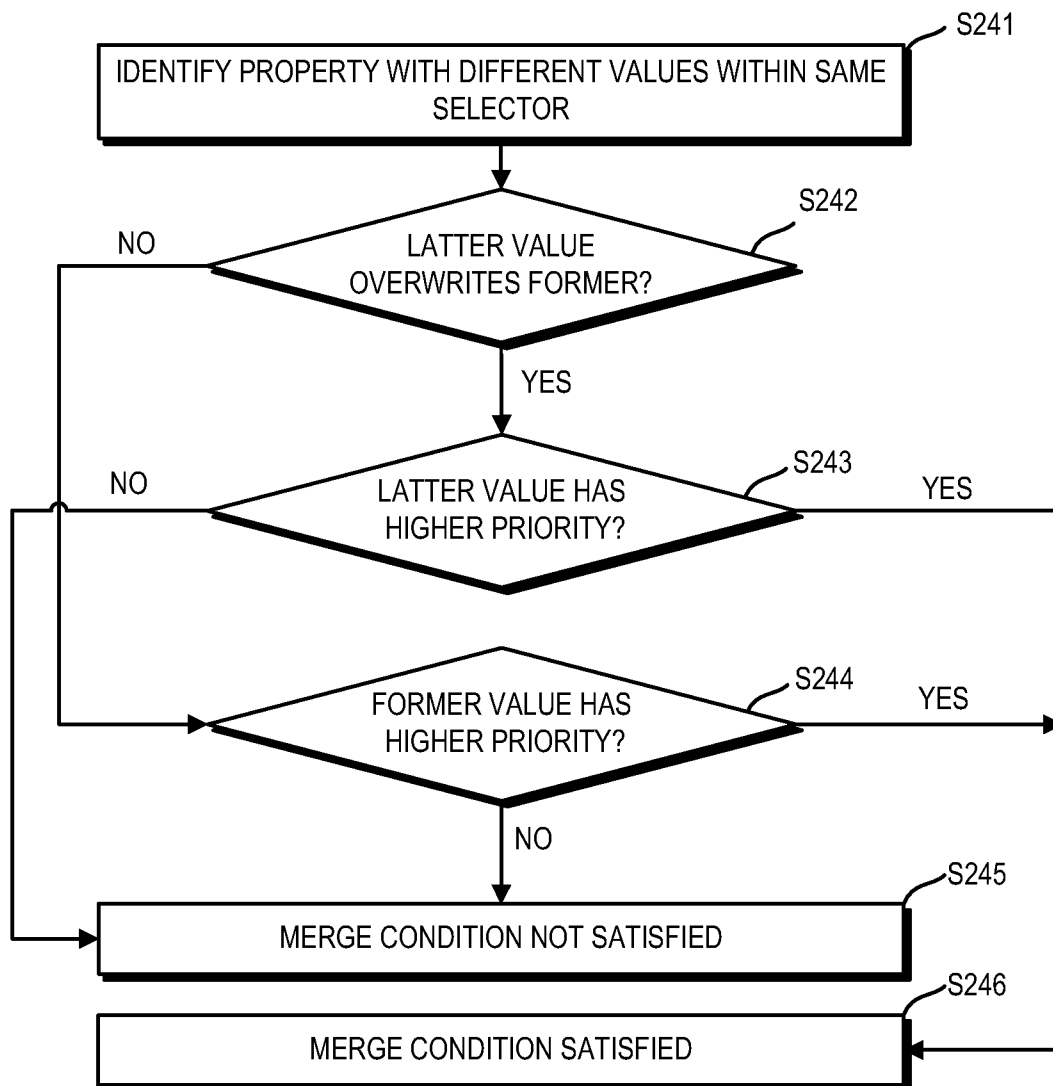


FIG. 2B

5/8

**FIG. 2C**

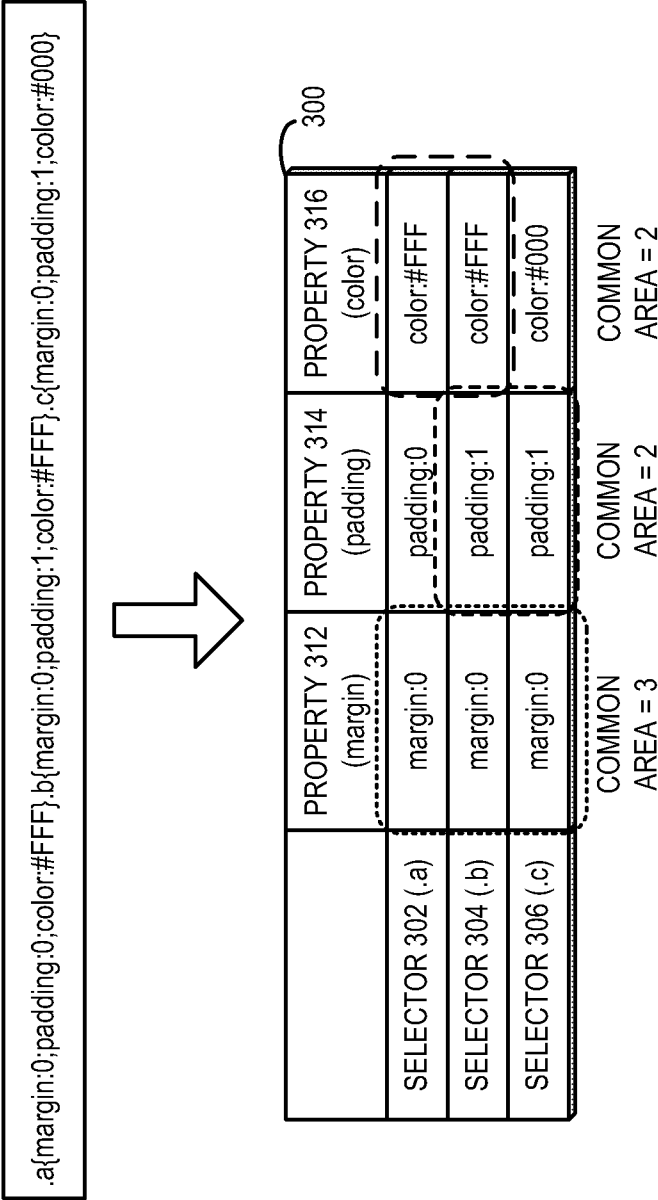
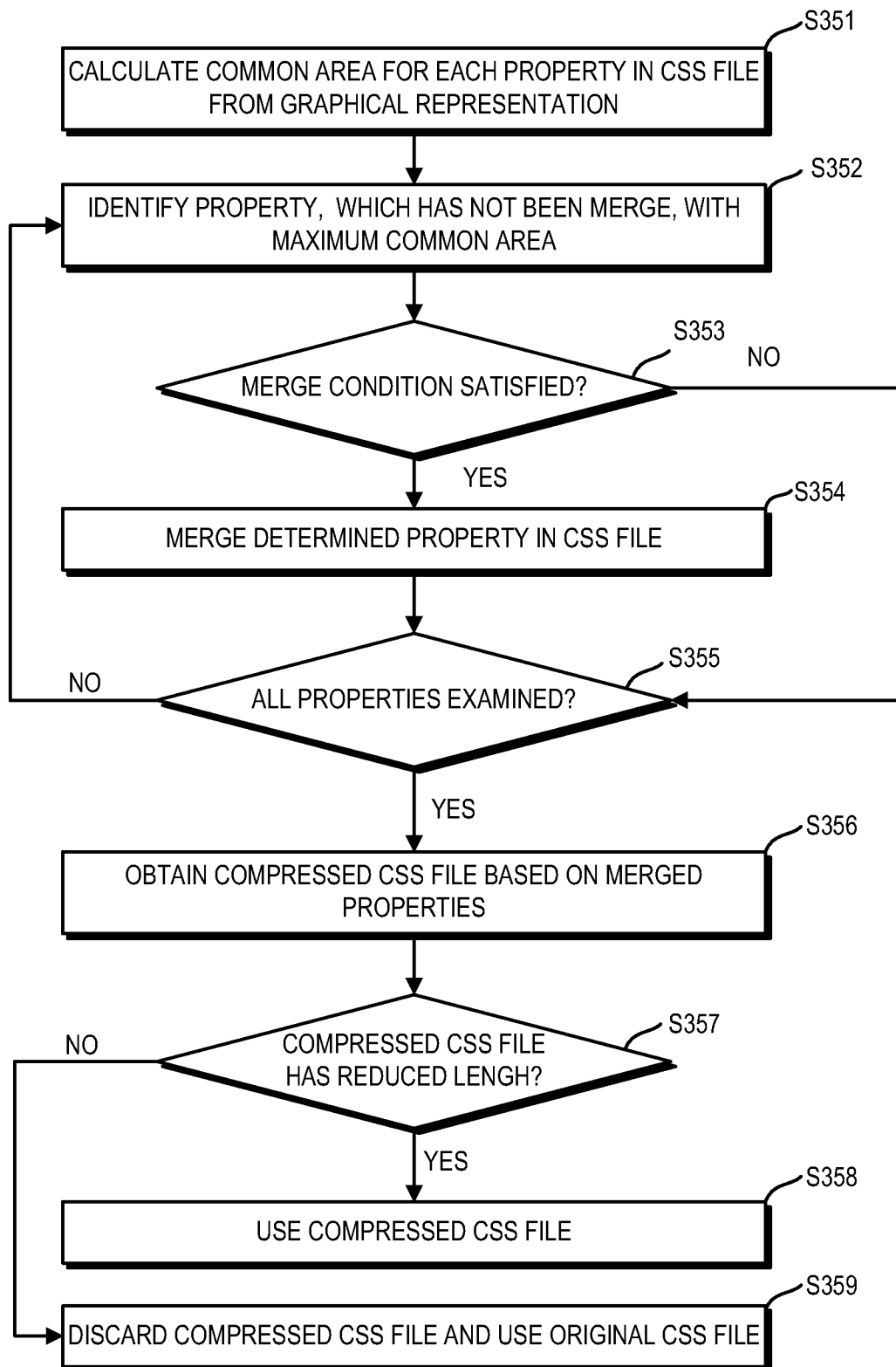
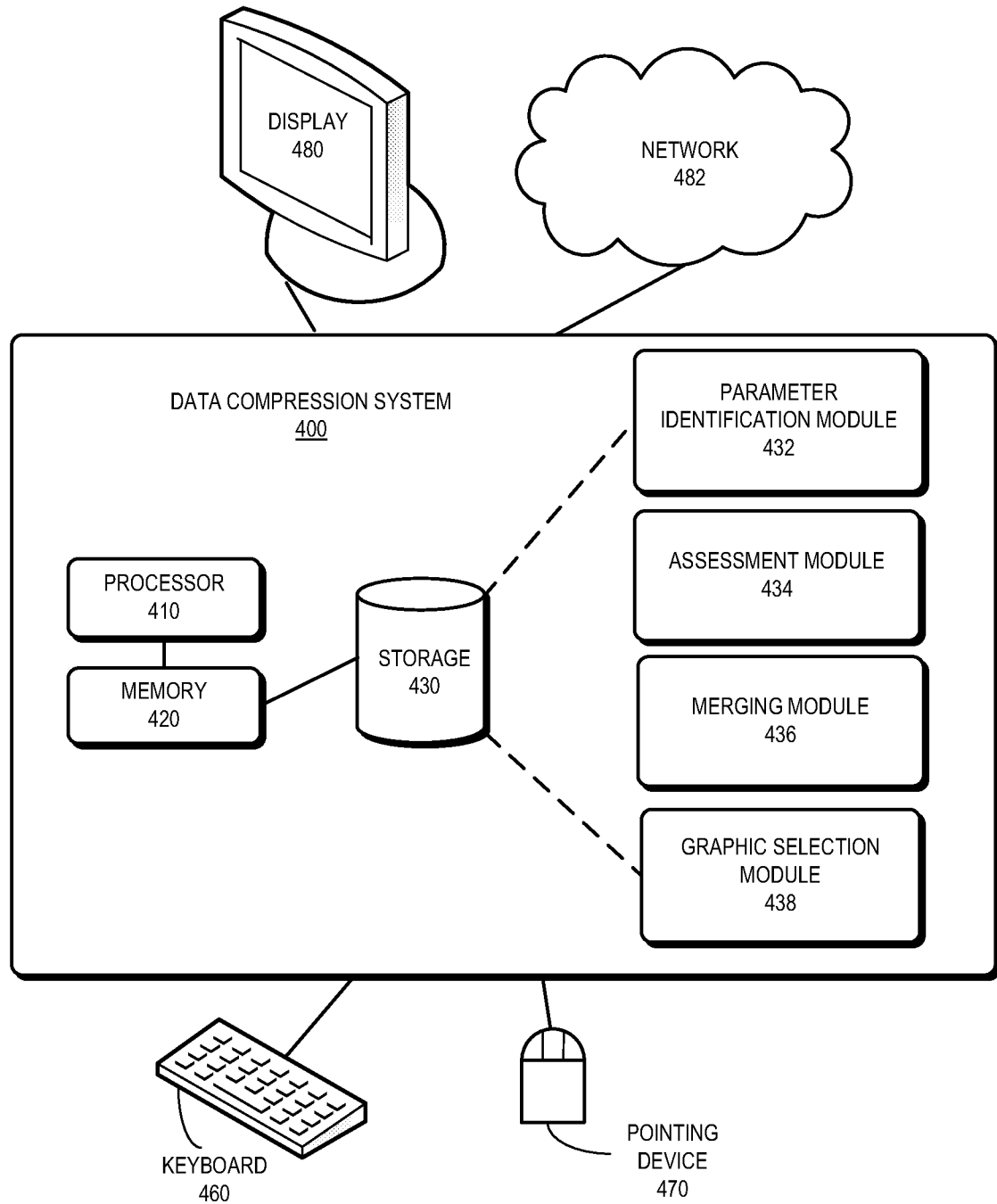


FIG. 3A

7/8

**FIG. 3B**

8/8

**FIG. 4**