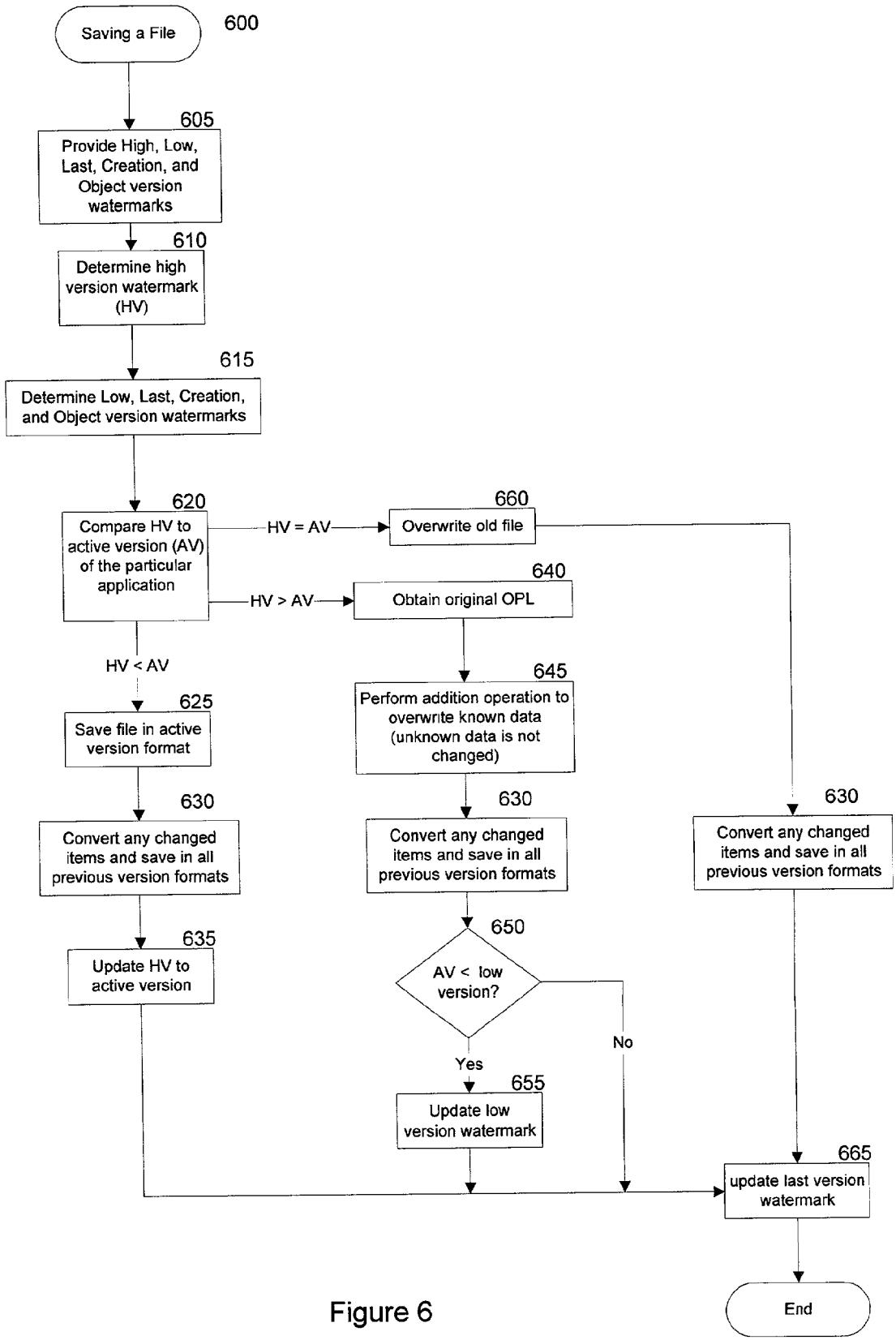
Saving a File
600
605
Provide High, Low, Last, Creation, and Object version watermarks
610
Determine high version watermark (HV)
615
Determine Low, Last, Creation, and Object version watermarks
620
Compare HV to active version (AV) of the particular application
HV = AV
660
Overwrite old file
HV > AV
640
Obtain original OPL
HV < AV
625
Save file in active version format
645
Perform addition operation to overwrite known data (unknown data is not changed)
630
Convert any changed items and save in all previous version formats
630
Convert any changed items and save in all previous version formats
630
Convert any changed items and save in all previous version formats
635
Update HV to active version
650
AV < low version?
Yes
No
655
Update low version watermark
665
update last version watermark
End

Figure 6