CLAIMS

1. An apparatus for wireless communication, comprising:

at least one processor configured to receive at a first station a frame comprising information on transmission opportunity (TXOP) bursting receive capability of a second station operating in a power save mode, and to send multiple data frames in a single TXOP to the second station based on the TXOP bursting receive capability of the second station; and

a memory coupled to the at least one processor.

2. The apparatus of claim 1, wherein the information on the TXOP bursting receive capability indicates number of data frames that can be received by the second station in one TXOP burst.

3. The apparatus of claim 1, wherein the frame is a beacon frame, and wherein the at least one processor is configured to receive the beacon frame from a third station at a target beacon transmit time (TBTT).

4. The apparatus of claim 1, wherein the frame is a data frame received from the second station.

5. The apparatus of claim 1, wherein the at least one processor is configured to perform channel access at start of the TXOP and to send the multiple data frames in the TXOP without performing another channel access.

6. A method of wireless communication, comprising:

receiving at a first station a frame comprising information on transmission opportunity (TXOP) bursting receive capability of a second station operating in a power save mode; and

sending multiple data frames in a single TXOP to the second station based on the TXOP bursting receive capability of the second station.

7. The method of claim 6, wherein the frame is a beacon frame, and wherein the receiving the frame comprises receiving the beacon frame from a third station at a target beacon transmit time (TBTT).

8. The method of claim 6, wherein the sending the multiple data frames comprises

performing channel access at start of the TXOP, and

sending the multiple data frames in the TXOP without performing another channel access.

9. An apparatus for wireless communication, comprising:

means for receiving at a first station a frame comprising information on transmission opportunity (TXOP) bursting receive capability of a second station operating in a power save mode; and

means for sending multiple data frames in a single TXOP to the second station based on the TXOP bursting receive capability of the second station.

10. The apparatus of claim 9, wherein the frame is a beacon frame, and wherein the means for receiving the frame comprises receiving the beacon frame from a third station at a target beacon transmit time (TBTT).

11. The apparatus of claim 9, wherein the means for sending the multiple data frames comprises

means for performing channel access at start of the TXOP, and

means for sending the multiple data frames in the TXOP without performing another channel access.

12. A computer program product, comprising:

computer-readable medium comprising:

code for causing a computer to receive at a first station a frame comprising information on transmission opportunity (TXOP) bursting receive capability of a second station operating in a power save mode; and

code for causing the computer to send multiple data frames in a single TXOP to the second station based on the TXOP bursting receive capability of the second station.

13. An apparatus for wireless communication, comprising:

at least one processor configured to send a frame comprising information on transmission opportunity (TXOP) bursting receive capability of a first station operating in a power save mode, and to receive multiple data frames sent by a second station in a single TXOP to the first station based on the TXOP bursting receive capability of the first station; and

a memory coupled to the at least one processor.

14. The apparatus of claim 13, wherein the frame is a management frame, and wherein the at least one processor is configured to send the management frame during association with another station in a wireless network.

CLAIMS

1. A computer program product, comprising:

a non-transitory computer-readable medium comprising:

code for causing a computer to receive at a first station a frame comprising information on whether transmission opportunity (TXOP) bursting receive capability of a second station operating in a power save mode is supported and, if TXOP bursting receive capability is supported, a number of data frames that can be received by the second station in one TXOP; and

code for causing the computer to send multiple data frames in a single TXOP to the second station based on the TXOP bursting receive capability of the second station, wherein the multiple data frames are sent in the single TXOP without more than one channel access being performed during the single TXOP.

2. An apparatus for wireless communication, comprising:

at least one processor configured

to send a frame comprising information on whether transmission opportunity (TXOP) bursting receive capability of a first station operating in a power save mode is supported and, if TXOP bursting receive capability is supported, a number of data frames that can be received by a second station in one TXOP, and

to receive multiple data frames sent by the second station in a single TXOP to the first station based on the TXOP bursting receive capability of the first station, wherein the multiple data frames are received in the single TXOP without more than one channel access being performed during the single TXOP; and

a memory coupled to the at least one processor.

3. The apparatus of claim 2, wherein the frame is a management frame, and wherein the at least one processor is configured to send the management frame during association with another station in a wireless network.

4. An apparatus for wireless communication, comprising:
at least one processor configured
to receive at a first station a frame comprising information on whether transmission opportunity (TXOP) bursting receive capability of a second station operating in a power save mode is supported and, if TXOP bursting receive capability is supported, a number of data frames that can be received by the second station in one TXOP, and
to send multiple data frames in a single TXOP to the second station based on the TXOP bursting receive capability of the second station, wherein the multiple data frames are sent in the single TXOP without more than one channel access being performed during the single TXOP; and
a memory coupled to the at least one processor.

5. The apparatus of claim 4, wherein the frame is a data frame received from the second station.

6. The apparatus of claim 4, wherein the at least one processor is configured to perform channel access at start of the TXOP.

7. The apparatus of claim 4, wherein the frame is a beacon frame, and wherein the at least one processor is configured to receive the beacon frame from a third station at a target beacon transmit time (TBTT).

8. An apparatus for wireless communication, comprising:

means for receiving at a first station a frame comprising information on whether transmission opportunity (TXOP) bursting receive capability of a second station operating in a power save mode is supported and, if TXOP bursting receive capability is supported, a number of data frames that can be received by the second station in one TXOP; and

means for sending multiple data frames in a single TXOP to the second station based on the TXOP bursting receive capability of the second station, wherein the multiple data frames are sent in the single TXOP without more than one channel access being performed during the single TXOP.

9. The apparatus of claim **8**, wherein the frame is a beacon frame, and wherein the means for receiving the frame comprises means for receiving the beacon frame from a third station at a target beacon transmit time (TBTT).

10. The apparatus of claim **8**, wherein the means for sending the multiple data frames comprises means for performing channel access at start of the TXOP.

11. A method of wireless communication, comprising:

receiving at a first station a frame comprising information on whether transmission opportunity (TXOP) bursting receive capability of a second station operating in a power save mode is supported and, if TXOP bursting receive capability is supported, a number of data frames that can be received by the second station in one TXOP; and

sending multiple data frames in a single TXOP to the second station based on the TXOP bursting receive capability of the second station, wherein the multiple data frames are sent in the single TXOP without more than one channel access being performed during the single TXOP.

12. The method of claim **11**, wherein the sending the multiple data frames comprises performing channel access at start of the TXOP.

13. The method of claim **11**, wherein the frame is a beacon frame, and wherein the receiving the frame comprises receiving the beacon frame from a third station at a target beacon transmit time (TBTT).