CLAIMS:

1. A wax composition comprising a total n-paraffin content of from 32%wt to 65%wt and a 95% carbon number spread of from 8 to 23, and

wherein the wax composition satisfies the expression:

$(\%npar) > -125 + 7.25 * 95\%C\#spread$ (Eq 4);

(%npar)<79.97-1.62*(95%C# spread) (Eq 1); and

(%npar)>67.57-1.62*(95%C# spread) (Eq 2).

2. The wax composition of claim 1, wherein the wax composition satisfies the expression:

$\%npar = 73.37 - 1.62 * (95\%spread)$ (Eq 6).

3. The wax composition of claim 1, wherein the wax composition provides particleboard water absorption of less than 45.5%.

4. The wax composition of claim 1, wherein the wax composition provides particleboard water absorption of less than 43.5%.

5. The wax composition of claim 1, wherein the wax composition provides particleboard water absorption of less than 38.5%.

6. A wax coated article comprising a composite cellulosic material having a surface including a wax coating, wherein the wax coating comprises a wax according to claim 1.

7. The article of claim 6, wherein the composite cellulosic material is a composite wood material, particleboard, medium density fiberboard, construction board or combination thereof.

8. The article of claim 6, wherein the coating completely or partially covers the surface of the cellulosic material.

9. The article of claim 6, wherein the article comprises a wax coating of from 0.1% weight to 90% by weight of the cellulosic material.

10. The article of claim 6, wherein the article has a water absorption of less than 45.5%.

11. The article of claim 6, wherein the article has a water absorption of less than 43.5%.

12. The article of claim 6, wherein the article has a water absorption of less than 38.5%.

13. The article of claim 6, wherein the wax composition satisfies the expression:

$$\%npar = 73.37 - 1.62 * (95\%spread) \qquad \text{(Eq 6).}$$

14. A method of manufacturing a wax coated cellulosic material comprising the steps of providing a cellulosic material, and applying a wax composition according to claim 1.