CLAIMS

I/We claim:

1. A fast acting orally disintegrating film, comprising:

ondansetron or a pharmaceutical acceptable salt thereof in an amount of 2 to 24 mg;

a first set of one or more film forming polymer in a total amount of at least 8% by weight of said film, wherein said one or more hydrophilic film forming polymer is each characterized by having a molecular weight of 5000 to 50000Da and viscosity of 3 to 10 cps; and

a water soluble excipient in an amount of 10 to 30% by weight of said film.

2. The fast acting orally disintegrating film of claim 1 further comprising a second set of one or more hydrophilic film forming polymers characterized by each having a molecular weight of equal or greater than 50000Da and viscosity equal or greater than 15 cps, and said first set of hydrophilic film forming polymers is mixed with said second set of hydrophilic film forming polymers in a ratio of at least about 0.1:1.

3. The fast acting orally disintegrating film of claim 2 comprising a mixture of said first set of hydrophilic film forming polymer to said second set of hydrophilic film forming polymer in a ratio of more than 0.5:1.

4. The fast acting orally disintegrating film of claim 1 comprising said first set of hydrophilic film forming polymer in a total amount of more than 20% by weight of said film.

5. The fast acting orally disintegrating film of claim 1 comprising said first set of hydrophilic film forming polymer in a total amount of more than 50% by weight of said film.

6. The fast acting orally disintegrating film of claim 1 comprising said first set of hydrophilic film forming polymer in a total amount of more than 65% by weight of said film.

7. The fast acting orally disintegrating film of claim 1, wherein said first set of hydrophilic film forming polymer comprises hydroxylpropylmethylcellulose, hydroxypropylcellulose, and povidone.

8. The fast acting orally disintegrating film of claim 2, wherein said first and second set of hydrophilic film forming polymers comprise hydroxylpropylmethylcellulose, hydroxypropylcellulose, carboxymethylcellulose, polysaccharide polymer and povidone.

9. The fast acting orally disintegrating film of claim 1 wherein said water soluble excipient includes polyethylene glycol (PEG).

10. The fast acting orally disintegrating film of claim 1 further comprising one or more flavoring agent, sweetening agent and coloring agent.

11. A method for preparing an orally administrable film dosage form, comprising:

dissolving a pharmaceutically acceptable amount of ondansetron, a first set of one or more film forming polymers in an amount of at least 8 % by weight of said dosage form and a water-soluble excipient in an amount of 10 to 30% by weight of said dosage form in water to form a viscous solution with a measured viscosity of about 2000 to 10000 cps; and

coating a layer of said viscous solution on a casting film and drying in an oven at about 80°C over a period of 20 minutes;

wherein said at least one hydrophilic film forming polymer is characterized by having a molecular weight of 5000 to 50000Da and viscosity of 3 to 10 cps.

12. The method of claim 11 further comprising mixing a second set of one or more hydrophilic film forming polymers characterized by having a molecular weight of equal or greater than 50000Da and viscosity equal to or greater than 15 cps, wherein said at least one hydrophilic

film forming polymer is mixed with said another hydrophilic film forming polymer in a ratio of at least about 0.1:1.

13. The method of claim 12 further comprising a mixture of said first set of hydrophilic film forming polymer to said second set of hydrophilic film forming polymer in a ratio of more than 0.5:1.

14. The method of claim 11, wherein said first set of hydrophilic film forming polymers comprises hydroxylpropylmethylcellulose, hydroxypropylcellulose and/or povidone.

15. The method of claim 12, wherein said first set of hydrophilic film forming polymer and said second set of hydrophilic film forming polymer comprise hydroxylpropylmethylcellulose, hydroxypropylcellulose, carboxymethylcellulose, polysaccharide polymer and/or povidone.

16. The method of claim 11, wherein said water soluble excipient includes PEG.

17. The method of claim 11 further comprising dissolving one or more flavoring agent, sweetening agent and coloring agent.

18. An orally administered film characterized by a pre-drying solution blend with a measured viscosity of about 2000 to 10000 cps, comprising:

an active pharmaceutical ingredient or pharmaceutical acceptable salt thereof in an amount of about 4 to 8 mg;

a first set of hydrophilic film forming polymer in an amount of at least 8 % by weight of the film, said at least one hydrophilic film forming polymer is characterized by having a molecular weight of 5000 to 50000Da and viscosity of 3 to 10 cps; and

said water soluble excipient in an amount of 10 to 30% by weight of the film.

19. The orally administered film of claim 18, further comprising a second set of one or more hydrophilic film forming polymer characterized by having a molecular weight of equal or

greater than 50000Da and viscosity equal or greater than 15 cps, wherein said at least one hydrophilic film forming polymer is mixed with said another hydrophilic film forming polymer in a ratio of at least about 0.1:1.

20. The orally administered film of claim 19 comprising a mixture of said first set of hydrophilic film forming polymers to said second set of hydrophilic film forming polymers in a ratio of more than 0.5:1.

21. The orally administered film of claim 18 comprising said first set of hydrophilic film forming polymer in an amount of more than 20% by weight of said film.

22. The orally administered film of claim 18 comprising said first set of hydrophilic film forming polymer in an amount of more than 50% by weight of said film.

23. The orally administered film of claim 18 comprising said first set of hydrophilic film forming polymer in an amount of more than 65% by weight of said film.

24. The orally administered film of claim 18, wherein said first set of hydrophilic film forming polymer comprises hydroxylpropylmethylcellulose, hydroxypropylcellulose, and povidone.

25. The orally administered film of claim 19, wherein said first set of hydrophilic film forming polymer and said second set of hydrophilic film forming polymer comprise hydroxylpropylmethylcellulose, hydroxypropylcellulose, carboxymethylcellulose, polysaccharide polymer and povidone.

26. The orally administered film of claim 18 wherein said water soluble excipient includes PEG.

27. The orally administered film of claim 18 further comprising one or more flavoring agent, sweetening agent and coloring agent.

28. The orally administered film of claim 18 wherein said active pharmaceutical ingredient is ondansetron, lidocaine, olanzapine, galantamine, rizatriptan, methylphenidate or gransetron.

29. Use of a fast acting orally disintegrating film according to claim 1 or an orally administered film according to claim 18 in the preparation of a medicament for treating or preventing nausea or vomiting.

30. Use of a fast acting orally disintegrating film according to claim 1 or an orally administered film according to claim 18 in the manufacture of a medicament for the treatment of a condition or disorder mediated through antagonizing the action of 5HT at 5-HT3 receptors.

31. A fast acting orally disintegrating film, comprising:

ondansetron or a pharmaceutical acceptable salt thereof in an amount of 2 to 24 mg;

a first set of one or more film forming polymer in a total amount of at least 20% by weight of said film, wherein said one or more hydrophilic film forming polymer is each characterized by having a molecular weight of 5000 to 50000Da; and

a water soluble excipient in an amount of 10 to 30% by weight of said film.