WILLIAM CURATOLO, Ph.D. 8/26/15 Version

PATENTS

In almost all cases where a US Patent has issued, a European Patent has also issued covering multiple European countries, in addition to patents in numerous non-European countries.

1. Cardinal, J.R., Curatolo, W., and Ebert, C.; "Chitosan Compositions for Controlled and Prolonged Release of Macromolecules"; US patent #4,895,724.
2. Curatolo, W., and Lo, J.; "Gastric Retention System for Controlled Drug Release"; US Patent #5,002,772.
3. Curatolo, W., and Lo, J.; "Gastric Retention System for Controlled Drug Release"; US Patent #5,443,843 (1995).
4. Curatolo, W.; "Dispensing Devices Powered by Hydrogel"; US Patent #5,516,527 (1996). (Multiparticulate capsule)
5. Curatolo, W.; "Dispensing Devices Powered by Hydrogel"; US Patent #5,792,471 (1998). (Tablet)
6. Curatolo, W.; "Dispensing Devices Powered by Lyotropic Liquid Crystals"; US Patent # 5,030,452.
7. Curatolo, W.; "Dispensing Devices Powered by Lyotropic Liquid Crystals"; US Patent #5,108,756.
8. Chandler, C., and Curatolo, W.; "Quaternary Ammonium Salts Derived from Chitosan"; European Patent 0552176B1; Canadian Patent #2,092,401.
9. Curatolo, W., Foulds, G., and Friedman, H.; "Method of Administering Azithromycin"; U.S. Patent # RE39,149. Reissue of US-5,605,889.
10. Curatolo, W., Friedman, H., Korsmeyer, R., and Lemott, S.; "Controlled Release Dosage Forms of Azithromycin"; US Patent #6,068,859.
11. Curatolo, W., and Shanker, R.; “Encapsulated Solution Dosage Forms of Sertraline”, European Patent EP-0980241B1 (issued 2003).
12. amEnde, M., Curatolo, W., Friedman, H., Friesen, D., Herbig, S., Shanker,R., and West, J.; “Sertraline Salts and Sustained-Release Dosage Forms of Sertraline”, US Patent #6,517,866.
13. Curatolo, W., and Friedman, H.; “Delayed-Release Dosage Forms of Sertraline”, European Patent EP-1007024B1 (2003).
14. Curatolo, W., Herbig, S., and Nightingale, J.; “Solid Pharmaceutical Dispersions with Enhanced Bioavailability”, US Patent #8,263,128 (2012), EPO Patent EP-0901786B1 (HPMCAS spray-dried dispersion compositions).
15. Curatolo, W., Herbig, S., and Nightingale, J.; “Solid Pharmaceutical Dispersions with Enhanced Bioavailability”, US Patent #8,431,159B2 (2013) (HPMCAS spray-dried dispersion compositions).
16. Curatolo, W., Herbig, S., and Nightingale, J.; “Solid Pharmaceutical Dispersions with Enhanced Bioavailability”, US Patent #8,257,741B2 (2012) (HPMCAS spray-dried dispersion manufacturing process).
17. Curatolo, W., Herbig, S., and Nightingale, J.; “Solid Pharmaceutical Dispersions with Enhanced Bioavailability”, US Patent #8,367,118B2 (HPMCAS/Surfactant spray-dried dispersion manufacturing process).
18. Curatolo, W., Herbig, S., and Nightingale, J.; “Solid Pharmaceutical Dispersions with Enhanced Bioavailability”, US Patent #8,337,899B2 (HPMCAS/Surfactant spray-dried dispersion manufacturing process).
19. Curatolo, W., Nightingale, J., Shanker, R., and Sutton, S.; “Basic Drug Compositions with Enhanced Bioavailability”, US Patent #6,548,555.
20. Appel, L., Curatolo, W., Herbig, S., Nightingale, J., and Thombre, A.; “Controlled Release by Extrusion of Solid Amorphous Dispersions of Drugs”, US Patent #6,706,283.
21. Appel, L., Curatolo, W., Herbig, S., Nightingale, J., and Thombre, A.; “Controlled Release by Extrusion of Solid Amorphous Dispersions of Drugs”, US Patent #7,550,158B2 (issued 2009).
22. Appel. L., Curatolo, W., Friesen, D., Nightingale, J., and Thombre, A.; “Controlled Release by Erosion of a Solid Dispersion of Drug in a Polymeric Matrix” (“Matrix Controlled Release Device”), European Patent EP-1,027,887B1.
23. Appel, L., Beyerinck, R., Chidlaw, M., Curatolo, W., Friesen, D., Smith, K., and Thombre, A.; “Hydrogel-Driven Drug Dosage Form”, US Patent #9,028,870B2.
24. Curatolo, W., Fergione, M., Roy., M., Thombre, A., Waterman, K., Appel, L., Beyerinck, R., Chidlaw, M., Friesen, D., and Supplee, D.; “Hydrogel-Driven Layered Drug Dosage Form” (Sertraline), US Patent #6,899,896.
25. Curatolo, W., Shanker, R., Babcock, W., Friesen, D., Nightingale, J., Lorenz, D.; “Pharmaceutical Compositions Providing Enhanced Drug Concentrations”, US Patent 8,026,286B2. (High-solubility salt physical mixture with specific concentration-enhancing polymers). (Issued Sept. 27, 2011)
26. Curatolo, W., Shanker, R., Babcock, W., Friesen, D., Lorenz, D., Nightingale, J.; “Pharmaceutical Compositions Providing Enhanced Drug Concentrations”, US Patent 8,202,912B2 (High-solubility salt physical mixture with specific concentration-enhancing polymers). (Issued June 19, 2012)
27. Curatolo, W., Shanker, R., Babcock, W., Friesen, D., Lorenz, D., Nightingale, J.; “Pharmaceutical Compositions Providing Enhanced Drug Concentrations”, US Patent 8,501,231B2 (High-energy drug crystalline form physical mixture with specific concentration-enhancing polymers). (Issued August 6, 2013)
28. Curatolo, W., Friesen, D., Gumkowski, M., Lorenz, D., Nightingale, J., Ruggeri, R., and Shanker, R. “Pharmaceutical Compositions of Cholesterol Ester Transfer Protein Inhibitor”, US Patent #7,115,279B2.
29. Curatolo, W., Friesen, D., Gumkowski, M., Lorenz, D., Nightingale, J., Ruggeri, R., and Shanker, R. “Pharmaceutical Compositions of Cholesterol Ester Transfer Protein Inhibitor”, US Patent #8,048,452B2.
30. Crew, M., Curatolo,W., Friesen, D., Gumkowski, M., Lorenz, D., Nightingale, J., Ruggeri, R., Shanker, R. “Pharmaceutical Compositions of Cholesterol Ester Transfer Protein Inhibitors”, US Patent#7,235,259B2.
31. Crew, M., Curatolo,W., Friesen, D., Gumkowski, M., Lorenz, D., Nightingale, J., Ruggeri, R., Shanker, R. “Pharmaceutical Compositions of Cholesterol Ester Transfer Protein Inhibitors”, US Patent#8,197,848B2 (solid extrusion method).
32. Crew, M., Curatolo,W., Friesen, D., Gumkowski, M., Lorenz, D., Nightingale, J., Ruggeri, R., Shanker, R. “Pharmaceutical Compositions of Cholesterol Ester Transfer Protein Inhibitors”, US Patent#8,389,011B2 (spray drying method).
33. Curatolo, W., and Foulds, G. “Method of Increasing the Bioavailability and Tissue Penetration of Azithromycin” (Azithromycin/Nelfinavir Combination), European Patent EP-1127580B1 (issued 2006).
34. AmEnde, M., Curatolo, W., and Herbig, S. “Sustained Release Formulations for Growth Hormone Secretagogues”, US Patent #6,641,840.
35. Babcock, W., Curatolo, W., Friesen, D., Ketner, R., Lo, J., Nightingale, J., Shanker, R., and West, B. “Pharmaceutical Compositions of Dispersions of Amorphous Drugs Mixed with Polymers”, US Patent #8,236,328B2.
36. Curatolo, W, and Friesen, D. “Pharmaceutical Compositions Comprising Drug and Concentration-Enhancing Polymers”, US Patent 7,887,840B2 (issued 2011).
37. Curatolo, W., and Sutton, S, and Appel, L. “Controlled Release Pharmaceutical Dosage Forms of a Cholesteryl Ester Transfer Protein Inhibitor”, European Patent EP-1474144B1 (issued 2008).
38. Curatolo, W., Friedman, H., Korsmeyer, R., and LeMott, S. “Controlled-Release Dosage Forms of Azithromycin”. US Patent 7,108,865 (issued 2006).