

1. **Dorendorf B & Ripley V.** [Spraying device system and methods of dispersing and disseminating materials](#). US Patent 6,805,307 B2, issued 19 October 2004
2. **Nolen J, Bedoukian R, Kline D.** [Method and compositions for attracting mosquitoes](#). US patent 6,866,858 B2, issued 15 March 2005.
3. **Dorendorf B & Ripley V.** [Spraying device system and method of dispersing and disseminating materials](#). US Patent 7,073,734 B2, issued 11 July 2006
4. **Chauhan KR, Zhang A.** [Methods of separating Z,E-nepetalactone and E,Z-nepetalactone from catnip oil](#). US patent 7,375,239 B2, issued 20 May 2008.
5. **Zhang A, Carroll J, Wang S, Klun JA.** [Methods for preparing isolongifolenone and its use in repelling arthropods](#). US patent 7,378,557 B1, issued 27 May 2008.
6. **Heller LD, Dorendorf B & Douglas JT.** [Ultra low volume chemical delivery system and method](#). US Patent 7,572,107 B2, issued 11 August 2009
7. **Zhang A, Carroll JF, Wang S, Klun JA.** [Methods for repelling arthropods using isolongifolenone analogs](#). US patent 7,579,016 B2, issued 25 August 2009.
8. **Bernier UR, Barnard DR, Booth MM, Kline DL, Posey KH, Yost RA.** [Chemical composition that attract arthropods](#). US patent 7,771,713 B2, issued 20 August 2010.
9. **Nolen JA, Bedoukian RH, Maloney RE, Kline DL,** 2010. [Compositions for inhibiting the scent tracking ability of mosquitoes in environmentally defined three dimensional spaces](#). Patent US 7,807,721 B2, issued 5 October, 2010.
10. **Lan Q, Kim M-S.** [Use of \$\alpha\$ -mangostin as a mosquito larvicide](#). Patent US 7,981,438 B2, issued July 19, 2011.
11. **Borchert JN, Poché RM.** [Pest control methods](#). US patent 7,943,160 B2, issued 17 May 2011.
12. **Quinn BP, Carlson DA, Geden CJ, Bernier UR, Booth MM, Hogsette JA.** [Attractants for insects such as flies](#). Patent US 8,053,464 B2, issued November 8, 2011.
13. **Pridgeon JW, Becnel JJ, Strickman DA.** [Pesticidal double stranded RNA composition and method of use thereof](#). Patent US 8,080,648 B1, issued Dec 20, 2011.
14. **Carlier P, Bloomquist J, Paulson S, Wong E.** [Insecticidal carbamates exhibiting species-selective inhibition of acetylcholinesterase \(AChE\)](#) US patent 8,129,428 B2, issued 6 March 2012.
15. **Bernier UR, Posey K, Kline DL, Barnard D, Chauhan K.** [Methods and compositions for repelling arthropods](#). US patent 8,207,157 B2, issued 26 June 2012.
16. **Simchoni-Barak M, Schlein Y, Muller GC.** [Controlling sugar feeding insects](#). US patent 8,420,070 B2, issued 16 April 2013.

17. **Carlier P, Bloomquist J, Paulson S, Wong E.** [Insecticidal carbamates exhibiting species-selective inhibition of acetylcholinesterase \(AChE\).](#) US patent 8,618,162 B2, issued 31 December 2013.
18. **Willis MD, Saunders ME, Ramoutar D, Szymczyk JM, Krenick FN, Rohrbacher A.** [Insecticidal compositions and methods of using the same.](#) US patent 8,658,223 B2, issued 25 February 2014.
19. **Sides M.** [Electrostatic spray system.](#) Patent US 8,746,597 B2, issued 10 June 2014
20. **Kaufman PE, Mann RS, Butler JF.** [Materials and methods for pest control.](#) US patent 8,772,348 B2, issued 8 July 2014.
21. **Chauhan KR, Bernier UR.** [Methods and compositions for repelling and/or killing insects.](#) US patent 8,822,533 B1, issued 2 September 2014.
22. **Chauhan KR & Paraselli BR.** [Methods and compositions utilizing lactams derived from camphor, verbenone or cat thyme oil for repelling blood-sucking and biting insects, ticks and mites.](#) US patent 9,101,138 B2, issued 11 August 2015
23. **Chauhan KR, Bernier UR.** [Methods and compositions for repelling and/or killing insects.](#) US patent 9,101,142 B1, issued 11 August 2015.

Invention Disclosures -- Patents Pending

- **Bertrand J.** Durable insect netting. USPTO application SN 14/582,456, U.S Navy case number 102338, filed 24 December 2014.
- **Bertrand JC.** [Device and method for measuring static charge on flying insects](#), Patent Application US 2015/0070030 A1, published 12 March 2015.
- **Bertrand JC & Stoops CA.** [Small droplet sprayer](#). Patent Application US 2015/0082689 A1, published 26 March 2015.
- **Bertrand J.** Insect control formulation with improved auto-dissemination characteristics. USPTO application SN 14/693,615, U.S Navy case number 102,150, filed 22 April 2015.
- **Chauhan KR & Paraselli BR.** Vaporization strip. USPTO application SN 14/327,642, USDA-ARS docket #0150.11, filed 10 July 2014
- **Diclaro JW, Pereira RM, Hertz JC, Koehler PG.** [Fly attractant system with toxicant-treated cords](#). Patent Applications: WO2010118024 A1, published 14 October 2010; European Community EP2416645 A1, published 15 February 2012; US 2013/0081324 A1 published April 4, 2013; Australian Patent 2011232779 granted 26 September 2013.
- **Dorendorf B & Ripley V.** [Spraying device and system and method of dispersing and disseminating materials](#). Patent Application US 2007/0040046 A1, published 22 February 2007.

- **Dorendorf B.** [A liquid atomizing nozzle](#). Patent Application US 2007/0194146 A1, published 23 August 2007.
- **Dorendorf B, Heller LD & Douglas JT.** [Ultra Low Volume fluid delivery system using a centrifugal radial compressor and method thereof](#). Patent Application US 2009/0025794 A1, published 29 January 2009.
- **Estep A, Becnel J, Sanscrainte N.** Double stranded ribonucleic acid as control against mosquitoes. USPTO application SN 62/077441, U.S Navy case number 103235, filed 10 November 2014.
- **Gaugler R, Suman R, Wang Y.** [Autodissemination of an insect growth regulator for insect management](#). Patent Applications: WO 2012158192 A1 published 22 November 2012; US 2013/0303574 A1, published 14 November 2013.
- **Hill CA & Watts VJ.** [Insect G-coupled receptors useful as targets for insecticides and compounds and reagents identified using the same](#). Patent Applications WO 2013067519 A2, published 10 May 2013; and US 2014/0350081 A2, published 27 November 2014.
- **Hogsette JA & Jordan K,** 2013. Self-closing net door for prevention of insect entry onto aircraft. USPTO application SN61/779,622 filed 13 March 2013.
- **Koehler PG, Ragasa EV, Pereira RM.** [Dual action lethal containers, systems, methods and compositions for killing adult mosquitos and larvae](#). Patent Application US 2013/0276355 A1, published 24 October 2013.
- **Koehler PG, Pereira RM, Levi EP.** [Mosquito control device using durable coating embedded pesticides](#). USPTO application 20140259876, published 18 September 2014; and WO 2014164783 A1, published 9 October 2014.
- **Meepagala KM & Bernier UR.** Compositions and methods for repelling blood-sucking and biting insects, ticks and mites. USPTO application SN 13/784,937, filed March 2013.
- **Nunn P.** Carbon dioxide source for vector surveillance. USPTO provisional application 62/050867, U.S Army docket No. WRAIR 14-14. September 2014.
- **Poche RM.** [Compositions and methods for control of sand flies and other blood sucking insects](#). Patent Application US 2013/0035303 A1, filed 7 February 2013.
- **Widder L, Innocenti G.** Insect control device and associated methods. USPTO provisional application 62/000,979, filed 20 May 2014.
- **Willis MD, Saunders ME, Ramoutar D, Szymczyk JM, Krenick FN, Rohrbacher A.** [Insecticidal compositions and methods of using the same](#). Patent application US 20130101687 A1, published 25 April 2013.
- **Willis MD, Saunders ME, Ramoutar D, Szymczyk JM, Krenick FN, Rohrbacher A.** [Insecticidal compositions and methods of using the same](#). Patent application US 2014/0121184 A1, published

1 May 2014.

- **Yans MW.** Modular tick trap. USPTO provisional application SN 62/045801, U.S Navy case number 103,304, filed 4 September 2014.