

## **United States Patents – Thomas Trotta Inventor**

1. Trotta, T.; Trotta, J.; Lowe, S.; “Ultrasound Phantom Models, Materials, and Methods” **2016** U.S. Patent No. 9,275,557. Commercialized
2. Trotta, T.; Trotta, J.; Lowe, S.; “Ultrasound Phantom Models, Materials, and Methods” **2014** U.S. Patent No. 8,678,831. Commercialized
3. Trotta, T.; Lowe, S.; Rodriguez, A.; Carvajal, M.; Fernandez, V.; “Lung Compliance Simulation System and Associated Methods” **2013**, U.S. Patent No. 8,517,740.
4. Trotta, T.; Trotta, J.; Lowe, S.; “Breast Tissue Models, Materials and Methods,” **2013**, U.S. Patent No. 8,608,483. Commercialized
5. Trotta, T.; Lowe, S.; Rodriguez, A.; Carvajal, M.; Fernandez, V.; “Interactive Educational System for Teaching Patient Care,” **2013**, U.S. Patent No. 8,500,452.
6. Trotta, T.; “Balloon Catheter with Stiffening Wire Transition,” **2009**, U.S. Patent No. 7,556,642. Commercialized
7. Trotta, T.; “Balloon Catheter with Floating Stiffener, and Procedure,” **2003**, U.S. Patent 6,663,648. Commercialized
8. Trotta, T.; “Medical Devices with Reduced Friction Polyamides, and Method,” **2003**, U.S. Patent No. 6,547,768.
9. Pinchuk, L.; Shonk, S.; Trotta, T.; “Balloons for Medical Devices and Fabrication Thereof,” **2002** U.S. Patent No. 6,500,148. Commercialized
10. Trotta, T.; “Soft Tip Catheter,” **2001** U.S. Patent No. 6,325,790. Commercialized
11. Pinchuk, L., Shonk, S. and Trotta, T.; “Balloons for Medical Devices and Fabrication Thereof,” **2000** U.S. Patent No. 6,110,142. Commercialized
12. Trotta, T.; “Method of Catheter Balloon Manufacture and Use,” **1999** U.S. Patent No. 5,913,861.
13. Fontirroche, C.; Querns, S.; Trotta, T.; “Method of Making a Balloon Catheter,” **1998** U.S. Patent No. 5,824,173. Commercialized
14. Fontirroche, C.; Querns, S.; Trotta, T.; “Balloon Catheter,” **1998** U.S. Patent No. 5,820,594. Commercialized
15. Pinchuk, L.; Shonk, S.; Trotta, T.; “Balloons for Medical Devices and Fabrication Thereof,” **1998** U.S. Patent No. 5,738,653. Commercialized
16. Pinchuk, L.; Shonk, S.; Trotta, T.; “Method of Catheter Balloon Manufacture and Use,” **1998** U.S. Patent No. 5,728,104. Commercialized

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17. Pinchuk L.; Shonk S.; Trotta, T.; “Method of Catheter Balloon Manufacture And Use,” **1997** U.S. Patent No. 5,643,279. Commercialized
18. Trotta, T.; “Puncture Resistant Balloon Catheter,” **1997** U.S. Patent No. 5,620,649. Commercialized by another company, Cordis received royalties
19. Trotta, T.; Johnson, J.; “Puncture Resistant Balloon Catheter,” **1997** U.S. Patent No. 5,613,979. Commercialized
20. Trotta, T.; “Method for Retarding Blooming Of Polyetheramide Tubing For Medical Devices,” **1997** U.S. Patent No. 5,585,057. Commercialized
21. Fontirroche, C.; Querns, S.; Trotta, T.; “Catheter Having Coextruded Tubing,” 1996 U.S. Patent No. 5,538,510. Commercialized
22. Trotta, T.; “Puncture Resistant Balloon Catheter and Method of Manufacturing,” **1995** U.S. Patent No. 5,478,320. Commercialized
23. Pinchuk, L.; Shonk, S.; Trotta, T.; “Balloons for Medical Devices,” **1995** U.S. Patent No. 5,449,371. Commercialized
24. Trotta, T.; “Polyetheramide Tubing for Medical Devices,” **1995** U.S. Patent No. 5,433,713. Commercialized
25. Pinchuk, L., Shonk, S.; Trotta T.; “Tailoring Expansion Properties of Balloons for Medical Devices,”**1994** U.S. Patent No. 5,356,591. Commercialized
26. Trotta, T.; “Catheter with Multiple Flexibilities along the Shaft,” **1994** U.S. Patent No. 5,342,386. Commercialized
27. Pinchuk, L.; Shonk, S.; Trotta, T.; “Balloons for Medical Devices and Fabrication Thereof,” **1994** U.S. Patent No. 5,304,197. Commercialized
28. Trotta, T.; Johnson, J.; “Puncture Resistant Balloon Catheter”, **1994** U.S. Patent No. 5,290,306. Commercialized
29. Castaneda, J.; Graham, R.; Soltez, P.; Trotta, T.; “Intravascular Catheter with Kink Resistant Tip,” **1994** U.S. Patent No. 5,279,596. Commercialized
30. Pinchuk, L.; Shonk, S.; Trotta, T.; “Tailoring Expansion Properties of Balloons for Medical Devices,” **1993** U.S. Patent No. 5,236,659. Commercialized
31. Pinchuk, L.; Shonk, S.; Trotta, T.; “Balloons for Medical Devices and Fabrication Thereof,” **1992** U.S. Patent No. 5,156,612. Commercialized
32. Pinchuk, L.; Shonk, S.; Trotta, T.; “Balloons for Medical Devices and Fabrication Thereof,” **1991** U.S. Patent No. 5,108,415. Commercialized

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33. Pinchuk, L.; Shonk, S.; Trotta, T.; “Balloons for Medical Devices and Fabrication Thereof,”  
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