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It wasn't supposed to be this hard. If America could send a man to the moon, shouldn't the best surgeons in the world be able to build an artificial heart? In *Ticker*, Texas Monthly executive editor and two-time National Magazine Award winner Mimi Swartz shows just how complex and difficult it can be to replicate one of nature's greatest creations. Part investigative journalism, part medical mystery, *Ticker* is a dazzling story of modern innovation, recounting fifty years of false starts, abysmal failures and miraculous triumphs, as experienced by one of the world's foremost heart surgeons, O.H. Bud Frazier, who has given his life to saving the unsavable. His journey takes him from a small town in west Texas to one of the country's most prestigious medical institutions, The Texas Heart Institute, from the halls of Congress to the animal laboratories where calves are fitted with new heart designs. The roadblocks to success—medical setbacks, technological shortcomings, government regulations—are immense. Still, Bud and his associates persist, finding inspiration in the unlikelyst of places. A field beside the Nile irrigated by an Archimedes screw. A hardware store in Brisbane, Australia. A seedy bar on the wrong side of Houston. Until post WWII, heart surgery did not exist. *Ticker* provides a riveting history of the pioneers who gave their all to the courageous process of cutting into the only organ humans cannot live without. Heart surgeons Michael DeBakey and Denton Cooley, whose feud dominated the dramatic beginnings of heart surgery. Christian Barnard, who changed the world overnight by performing the first heart transplant. Inventor Robert Jarvik, whose artificial heart made patient Barney Clark a worldwide symbol of both the brilliant promise of technology and the devastating evils of experimentation run amuck. Rich in supporting players, *Ticker* introduces us to Bud's brilliant colleagues in his quixotic quest to develop an artificial heart: Billy Cohn, the heart surgeon and inventor who devotes his spare time to the pursuit of magic and music; Daniel Timms, the Brisbane biomedical engineer whose design of a lightweight, pulseless heart with but a single moving part offers a new way forward. And, as government money dries up, the unlikelyst of backers, Houston's furniture king, Mattress Mack. In a sweeping narrative of one man's obsession, Swartz raises some of the hardest questions of the human condition. What are the tradeoffs of medical progress? What is the cost, in suffering and resources, of offering patients a few more months, or years of life? Must science do harm to do good? *Ticker* takes us on an unforgettable journey into the power and mystery of the human heart. **DISCLAIMER:** "We cannot guarantee the availability of this ebook on an external site."

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