



## Bulletin Volume 303

By -

RareBooksClub. Paperback. Book Condition: New. This item is printed on demand. Paperback. 44 pages. Original publisher: Washington, D. C. : Congress of the U. S. , Office of Technology Assessment : For sale by the Supt. of Docs. , U. S. G. P. O. , 1984. LC Number: RD756. 2 . T36 1984 OCLC Number: (OCoLC)11632929 Subject: Artificial arms. Excerpt: . . . 8 Health Technology Study The Boston ElbowCase 29: 2 A HISTORY The Boston Elbow is a cybernetic limb pros-to develop a real prosthesis from the MIT re-search. The Boston Elbow Version I was produced thesis, and mathematician Norbert Wiener is con-in 1968 and made its debut that fall with a press sidered its godfather. Having raised the possi-bility of cybernetic applications to prostheses in conference at Massachusetts General Hospital. Eighteen Version I Elbows were manufactured. the late 1940s ( 6 ), Wiener was moved to recon-They were by all accounts failures. Every amputee sider electronic limbs, when, in 1961, he was hos-fitted rejected the prosthesis, and a National Acad-pitalized for a broken hip. Wieners orthopedist emy of Sciences evaluation found the device un-at Massachusetts General Hospital was Melvin satisfactory ( 15 ). The most serious problem was...



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