

Bulletin Volume 303



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Reviews

It in a single of my personal favorite ebook. It really is filled with wisdom and knowledge I discovered this book from my dad and i recommended this book to discover.
(Kyla Goodwin)

BULLETIN VOLUME 303



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 Glimcher, who also headed the amputee clinic at that the first Boston Elbow ran on a battery so the Liberty Mutual Insurance Co. , a major car-large it had to be mounted on the wearers belt. rier of workers compensation policies. At about the same time, another MIT graduate Glimcher had found in his work for Liberty student was modifying the Elbows design to in-Mutual that below-elbow amputees were using corporate a battery into the prosthetic forearm. prostheses to recoup much more of their lost func-Liberty Mutual hired this engineer when he fin-tioning than were above-elbow amputees. Even ished his...



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