Robert H. Rines Encyclopedia Article

Robert H. Rines

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Robert H. Rines

1922-

American engineer who helped invent technologies leading to high-resolution image-scanning radar and sonar systems. Rines's inventions have found widespread use in military technology, including that used in the Persian Gulf War. In addition, devices based on his discoveries are widely used for ultrasound imaging in the body, in deep-sea exploration (as side-scan sonar sleds), and related areas. He holds in excess of 60 patents for his inventions. Rines has also written music for more than 10 Broadway and off-Broadway plays.