

Patent List

For more than 30 years, Vanguard ID Systems has pioneered industry-leading innovations that enhance the quality of its products and processes and, ultimately, resolve customers' business and application challenges.

- - [U.S. Patent #4,978,146](#)— Label and bar code manufacturing process
- - [U.S. Patent #5,495,981](#)— Transaction card mailer and the manufacturing process
- - [U.S. Patent #5,743,567](#)— Integral printed sheet products
 - [U.S. Patent #5,769,457](#)— Printed sheet mailers and the manufacturing process
- - [U.S. Patent #5,863,076](#)— Time tags with data storage
- - [U.S. Patent #6,010,159](#)— Integral printed self-mailer sheet products
 - [U.S. Patent #6,039,356](#)— FamilyPak™ printed sheet products
- - [U.S. Patent #6,305,716](#)— FamilyPak™ printed sheets with coupons, and the manufacturing process
- - [U.S. Patent #6,769,718](#)— Mag cards with unique printed codes
 - [U.S. Patent #6,779,727](#)— Voter ballots and authentication system
- - [U.S. Patent #7,225,993](#)— Printed sheet products with integral, removable radio frequency identification elements
- - [U.S. Patent #7,584,896](#)— Printed planar radio frequency identification elements
- - [U.S. Patent #7845569](#)— Permanent RFID luggage with security features
 - [U.S. Patent #RE41,925](#)— Integral printed self-mailer sheet products
- - [U.S. Patent #7,909,955](#)— Printed Planar RFID Elements

- [U.S. Patent #8,052,061](#)— Permanent RFID Luggage Tag with Security Features
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- [U.S. Patent #8,235,300](#)— Printed Sheet Products with Integral, Removable Radio Frequency Identification Elements
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- [U.S. Patent #8,622,434](#)— Printed Sheet Mailers and Methods of Making
- [U.S. Patent #8,654,018](#)— Printed Planar RFID Element Wristbands and Like Personal Identification Devices
- [U.S. Patent #8,636,220](#)— Printed Planar RFID Element Wristbands and Like Personal Identification Devices
- [Patent #2,603,994](#)— Canadian Patent - Printed Sheet Products with Integral, Removable Radio Frequency Identification Elements
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- — EP Registered Community Design No. 002619262-0001/-0003 - Electronic Luggage Tag
- — German Utility Model Registration No. 202014106266.1 - Programmable Electronic Luggage Tag
- — Chinese Utility Model Patent No. ZL201420833378.5
- [U.S. Patent #9,224,084](#)— Smart Device Programmable Electronic Luggage Tag
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- [U.S. Patent #D765,785](#)— Electronic Luggage Tag
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- [U.S. Patent #9,918,537](#)— Smart Device Programmable Electronic Luggage Tag and Bag Mountings Therefore
- [U.S. Patent #10,121,101](#)— Electronic Luggage ID Tag