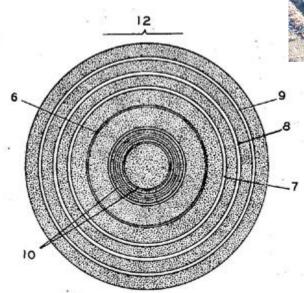
# Bar Codes: History & Art



## Norman Joseph Woodland - 1952





NOTE: LINES 6,7,8, AND 9 ARE LESS REFLECTIVE THAN LINES 10.



F1G.10

INVENTORS: NORMAN J. WOODLAND BERNARD SILVER Howson & Howson BY THEIR ATTORNEYS





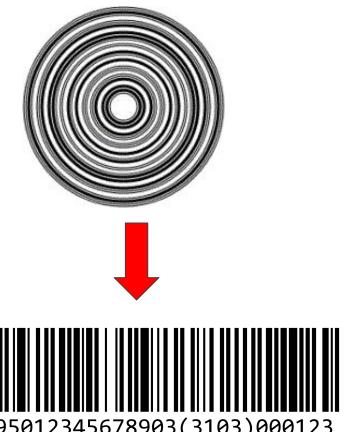


## 1973 - supermarkets - IBM



### George Laurer





(01)95012345678903(3103)000123

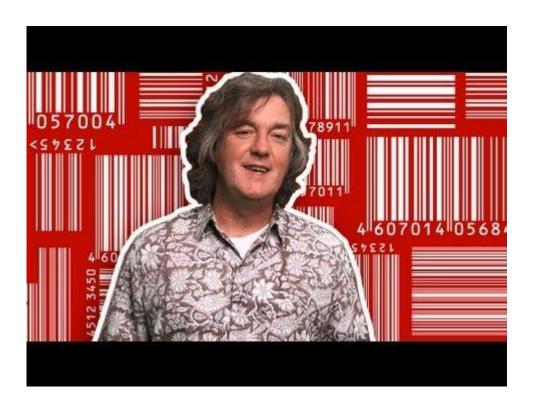
### named "Universal Product Code" UPC



first used on a 10 pack of Wrigley's chewing gum

### how do bar codes work?

\_\_\_\_



### over 5 billion bar codes scanned each day

\_\_\_\_









# track inventory





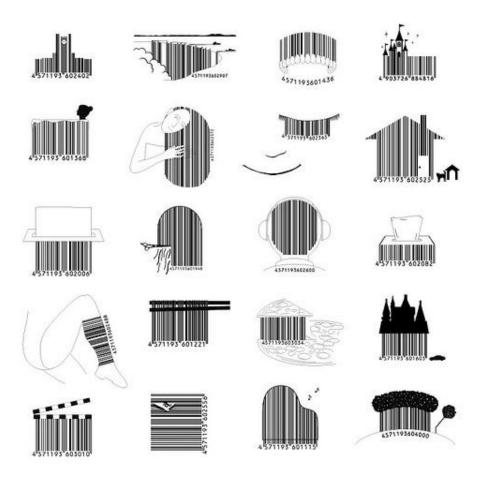
### download information



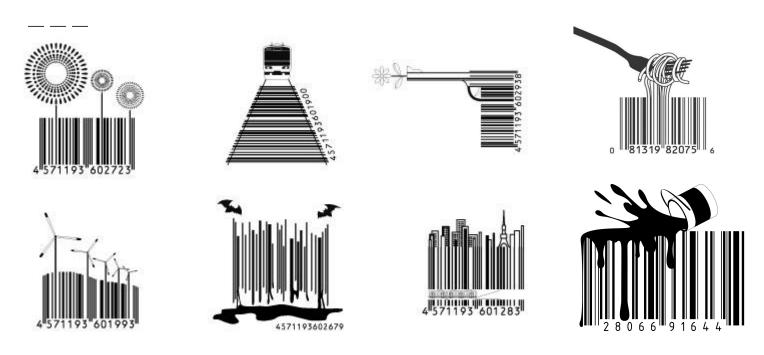


Since 2005 a design company - D-Barcode - has been designing barcodes that reflect the product

they are a form of art



# what products are these barcodes for?































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choose a product and design your own barcode art for its packaging.....

