barrel, and are fixed to forestocks.

The stock ends are slightly convex

and lack heel plates. All these court

guns are decorated with an emerald

flanked by two rubies, set at inter-

vals in line up the length of the

stock, suggesting that they are royal

Another Padshahnama painting shows the Mughals capturing the

Bengal port of Hoogly from the

hold the stocks of their matchlocks

under the armpit rather than to the

shoulder. Presumably, this was

intended to keep the face as far away

from the breech as possible because

of the danger of barrels exploding. but it can hardly have helped accu-

racy. Perhaps, this was one reason

why the infantry in Akbar's time

though very numerous, were not

regarded as important. Many were

in state service in some humble

capacity, came from a wide variety

of castes and occupations, and were

the arms they owned. In the six-

teenth century, the Mughals called

them pidagam, paik and ahsham

They were equipped with a motley

collection of spears, swords and

bows and the number of guns

among them increased slowly.

Bernier says that an Indian bow-

man could fire six arrows in the

Pay depended on their caste and

pressed into armed service without

training, when the need arose.

carried out behind the scenes. In India and across the globe, the demand for skilled trades continues to grow, highlighting the importance of vocational training and respect for these professions that keep homes, cities, and industries running smoothly.

Purbias, people from eastern India,

particularly Bihar, as matchlock

men. They were referred to as

Biradaris, the units, each known by

the name of their leader. Brigades of mercenaries for hire were a promi-

nent feature of the north Indian military labour market from at least

the fifteenth century. Successive

Mughal emperors kept bandukchis

under their control, attached to and

paid by the Royal household rather

than giving power to their nobles;

but, with time, favoured nobles like

the Kachwahas of Amber were per-

mitted to recruit as a privilege.

Mirza Raja Jai Singh had both ordi-

nary matchlock men (dakhil ban-

duk) and mounted matchlock men

(sawar banduk) in 1663. Mounted

barg-andaz, some of them of

Ottoman origin, served in the

Mughal army attempting to sup-

press Durga Das's revolt in support

of Ajit Singh, which started in 1679.

The opportunities and Mughal rules

natchlock men were arbitrary and

became less regulated as Mughal

matchlocks with the miquelet lock.

developed in the Iberian peninsula

on the back of Portuguese designs

adopted across the Mediterranean

region. The Turks used this until

the late nineteenth century but

Indians never used it, other than

guns produced under Portuguese

the left hand side of the gun, a pecu-

explained. Gun barrels made in the

Ottoman Balkans found a market in

India, though the extent of this trade is hard to assess. Evilva Celebi

(1611-82), a Turkish official whose

struction in Goa and other

Portuguese possessions. These

have miquelet locks, often dog locks, in Sri Lanka, mounted on

never satisfactorily

about 1580 and this lock was

The Turks replaced their

power declined.

राष्ट्रदुत

Soul Time Watch

"To the one who learned that fixing watches matters less than fixing lives."





would open his tiny watch shop in the heart of the city. At 78. his hands were still the steadiest around. People said that he fixed watches the way a healer tends to wounds, with infinite

One rainy afternoon, Daniel, a 32-year-old executive with a face etched in stress, walked in. He dropped his luxury watch on the counter: "I need this fixed urgently.

It's lost two minutes in a week and I have important meetings. Can you have it ready by Martin looked at Daniel

first, then at the watch. 'Watches are like people,' he said quietly. "When you rush them too much, something inside starts to go

Daniel glanced impatiently at his phone. "I just need it to work perfectly."

"For the watch, fifty euros. "It'll take three days," For the lesson about time. Martin replied. you pay by living differently." "Impossible! I'll pay dou-Weeks later. Daniel came ble if you have it ready by back and left the pocket watch tomorrow on the counter.

Martin shook his head

Over the next few days,

Daniel noticed something odd

That old watch kept time dif-

ferently: some hours seemed

to last forever, others passed

in a flash. During boring meet-

ings, the hands barely moved

But when he had lunch with

On the third day, Daniel

"This watch is broken.

"It's not broken. It's tuned

to your soul, not to satellites. It

measures time by how you live, not just by numbers.

He handed back Daniel's

"This one will lose time

returned, intrigued and a bit

his little daughter, time flew.

Time moves irregularly!

Martin smiled.

repaired watch.

have a choice.

unsettled.

and put the watch in a drawer. it break?" Martin asked. "Come back in three days. "No." Daniel smiled. "I In the meantime, take this." want to buy it. I quit my job in He handed Daniel an old the city. I'm opening my own business here, with hours tha bronze pocket watch. Daniel took it reluctantly, he didn't let me pick up my daughter from school.'

for the repair?"

Martin answered "The most valuable watches aren't sold. They're passed down. Keep it. One day you'll realize the most important punctuality is being present

again if you keep losing your

Daniel stared at both

"People check the time a

hundred times a day, yet never

seem to have any," Martin

went on. "Perfect watches on

Daniel asked, genuinely inter-

two kinds of time: the time

that passes, and the time you

live. My father told me: a

watch can count seconds, but

only your heart can count

"How much do I owe you

"Is something wrong? Did

"So, what do you suggest?

"Understand that there are

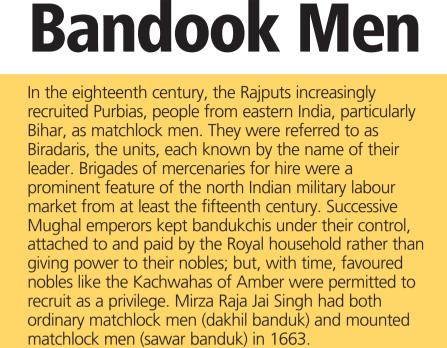
empty wrists.

when life needs vou. That winter, Martin oassed away. In his will, he left the shop to Daniel with a note: "To the one who learned that fixing watches matters

ess than fixing lives.' Now, if you visit that little shop, you'll see a sign on the "We don't sell time. We

remind you how to live it.' Sometimes, we need our watches to stop, so that our hearts can start beating







Rajputs to heel and he besieged Chittor, the great Mewar fortress where an incident took place that tells us much about guns and contemporary attitudes (the following has been written by Abu'l Fazl). At this time, H.M. perceived that

a person clothed in a hazar mikhi (cuirass of a thousand nails), which is a mark of chieftainship amongst Rajputs, came to the breach and superintended the (repairs). It was not known who he was. H.M. took his gun Sangram, which is one of the special guns, and aimed it at him. To Shuja'at Khan and Rajah Bagwant Das, he said that, from the pleasure and lightness of hand such as he experienced when he had hit a beast of prev. he inferred that he had hit the man.

The man Akbar sniped was Jaimal Rathore, a Mertia Rathore, the fort commander. The next day, the women committed jauhar immolating themselves in a large fire to preserve their honour, and the warriors sallied out to die fighting. An unsupported story claims that Jaimal Rathore's thigh was smashed by Akbar's bullet. The wound was mortal. Not wanting the shame of dving in bed, he was put on a horse and rode out seeking death in battle, leading the Raiputs out of the fort which they might otherwise have held successfully.

Akbar named this gun Sangram or 'Battle' and used it all his life. His son Jahangir later called it 'one of the rare guns of the age.' Abu'l Fazl

"An order has been given to the writers to write down the game

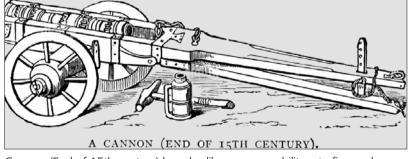


Akbar shoots Jaimal at the siege

In a single month over the thirty years that elapsed before the A'in-i Akbari was written, Akbar thirty-four animals with this gun alone. His son wrote in the Jahangirnama: "With it, he hit three to four thousand birds and beasts." Others would have been killed using sword, lance and bow

killed by His Majesty with the particular guns used. Thus, it was found that with the gun which has the name of Sangram, 1.019 animals have been killed. This gun is the first of His Majesty's private guns, and is used during the Farvardin month of the present era."

Akbar established a Records Office in 1574 to keep note of events and details of his life but Abu'l Fazl's account suggests that earlier,



Cannon (End of 15th century) barrel caliber range mobility rate fire angle.

#THE INDIAN MATCHLOCK

Matchlock made for probably Maharaja Takhat Singh in 1840 in Mehrangarh museum. he kept a Game Book. In a single month over the thirty years that elapsed before the *A'in-i Akbari* was

JODHPUR'S

ROBERT ELGOOD

became increasingly important.

latterly, Sikh craftsmen,

The Rathores have a fine collect

tion of cannon at Mehrangarh Fort

but they are all acquired rather

than made locally and a high pro-

portion are European in origin. The

1853 arms inventory shows that

Jodhpur used two technical terms

relating to gun barrels: simple twist

construction known as pechdar; and

auhardar by which was meant

forms of damascus, terms likely to

reflect earlier practice. Most of the

eventeenth- and eighteenth-centu-

ry barrels in Jodhpur are pechdar,

though many late seventeenth- or

early eighteenth-century damascus

matchlock barrels combine this

with jauhardar. Judged by the evi-

dence provided by Raiput sword

construction in the sixteenth and

seventeenth centuries, the more

sophisticated barrels were Mughal

in origin. Damascus pattern is a

technique associated with Muslim

craftsmen but these, including arms

makers, were well integrated into

barrel is fairly indestructible and

the collection shows that they were

very frequently re-used. Quality

the Hindu states. A good heavy gun

written, Akbar shot an annual average of almost thirty-four animals with this gun alone. His son wrote in the Jahangirnama: "With it, he hit three to four thousand birds and beasts." Others would have been killed using sword, lance and bow. But the number of animals shot by the emperor was greater than this because Akbar did not limit himself to a single gun each month. Abu'l Fazl explains: "His Majesty has selected out of several thousand guns, one hundred and five as khasa (household) guns." In addition to the twelve guns 'chosen in honour of the twelve months,' there were guns for the week and for certain days in a most complicated cyclical routine. Nor was this empty ritual. Abu'l Fazl states that: "His Majesty practises often." Jahangir simply said of his father: "In marksmanship, he had no equal or peer." Abu'l Fazl wrote of the large

numbers of guns being made for

Akbar, and clearly, the Mughals were

Mirza Raja Jai Singh Had With Him

Dakhil Bandook And Sawar

the major producer in Hindustan but Lord Egerton's 1896 catalogue of Indian arms attributes no guns to them, merely recognising some pan-Indian regional differences in form and surface decoration. The Mughals led the development of firearms in Hindustan and it must be assumed that Mughal, or strictly speaking, Persian technology, provided the means by which barrels were made in the sixteenth century. Ghiyasu'd-din and Mughal armourers mentioned in successor reigns are all Muslim. Did the Rajputs obtain their barrels from Mughal workshops, import them or make them themselves? How should we distinguish Mughal guns from those of their allies the Raiputs? If the seventeenth, and eighteenth. century guns in the various Raiput armouries are all Rajput-made, one is left asking where to find the missing Mughal guns? It would be surprising if the guns that the Rajputs obtained were not Mughal in origin. Saxena says that 'in the peginning, guns and cannon were mostly procured from Agra and

Delhi.' Lahore, with its Persian,

gun barrels acquired at the height of Mughal power in the seventeenth and first half of the eighteenth centuries may well have met most of the Rajput aristocracy's needs in later vears.

columns rising out of them, which are decorated with a ring of lanceolate leaves. Those in the Bhadon Pavilion or in the Diwan-i Khas are good examples, both dating from 639-48. These are certainly not acanthus and Koch says that these are 'reminiscent of lotus petals' but the carved marble shows a leaf, one that resembles the Indian willow (Salix tetrasperma, in Sanskrit vanjula) This pot and leaf design has no precedent in Islamic architecture with leaves is an auspicious Hindu symbol. The same leaf design decorates the muzzles of matchlocks found in Rajput armouries from approximately the date of these buildings onwards, though the design varies, and in time becomes stylised. The original form is found on European barrels, which are adopted but given an Indian interpretation, becoming a shared Muslim/Hindu design, but there are symbols that indicate a purely Hindu gun like the trisula that appears on barrels in the City Palace, Jaipur, a specific order by a Jaipur Maharaja. The changing acceptability of firearms is indicated by Mugha rulers permitting their portraits to nted holding guns. A sketch by Balchand shows Shah Jahan as a prince using a matchlock c.1620 More important is the painting of Shah Jahan by Payag, Balchand's

Mughal adoption of Hindu aesthetics made the assimilation of

Mughal decoration easy for Hindus

For example, the column bases in the

Red Fort in Delhi comprise pots with

brother, c.1630-45. The Padshahnama shows retainers hold ing matchlocks at a 1628 darbar though the painting recording the event is attributed to 1640, commis sioned by Shah Jahan, an example of how from the Mongol period onwards, paintings were used to emphasise royal continuity and legitimacy. All the guns have match arms, sinew binds stock and barrel and curved metal rests, necessary

because of the length and weight of

space of time it took a matchlock man to fire twice. Acquiring a matchlock gave a man status, which enabled him to progress up the mili-

journeys in the Ottoman Empire Seyahatname details, described Sarajevo in Bosnia as 'an emporium of wares from India....' Sarajevo's famous gun barrels were exported across the Ottoman Empire and as far as India. Two major gunmaking towns in Albania, Prizren and Tetovo also sent gun barrels to India, though probably few before the seventeenth century. The success of this trade was no doubt helped by the Turks of high status who came to serve the Mughals such as the Ottoman gover nor of Basra, Amir Husain Pasha

who abandoned Sultan Mehmed and

arrived in Delhi in 1669 where he

was liberally welcomed by

Aurangzeb, eventually becoming

subedar of Malwa. In 1715, when

Maharaja Ajit Singh of Marwar's

daughter Indra Kunwar married the

Emperor Farrukh Siyar, the

maharaja's rise in status was indi-

cated by his purchase of

ay depended on their caste and the arms they owned. In the sixteenth century, the Mughals called They were equipped with a motley collection of spears, swords and bows. Bernier says that an Indian bowman could fire six arrows in the space of time it took a matchlock man to fire twice.

tary hierarchy where he might become a silehaposh. Units of silehaposh were of mixed origin, and in Rajasthan, often included Nagas Paid a modest wage, they provided escorts to rulers and were guards on city ramparts. Some were provided with arms by the state. Bhils too were recruited in Rajasthan, men noted for their skill with a bow. In the eighteenth century, the

matchlocks, worth one lakh, a large order, and the supplier unknown. The Ottoman army encountered European dragoons in the Cretan War (1645-69) who fired from horse back using fusils, flintlock muskets that were lighter and more convenient than the contemporary matchlock, a new approach to war fare that Rumi mercenaries brought India. The Mirat-i-Ahmad describes Rathore horsemen, armed with matchlocks and incendiary bombs, advancing to take the town gates of Ahmadahad in 1729

Rajputs increasingly recruited

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Horsemen armed with matchlocks

increasingly became a feature of

Indian battlefields from the latter

part of the seventeenth century. To

facilitate this, matchlocks became

shorter and lighter.

To be continued.



A matchlock multi-barrel pistol, also called panitop

#WOMEN

Beautiful Women

Top 10 Countries with the Most Beautiful Women: A Celebration of Global Beauty

dinary and diverse tapestry that spans cultures, ethnicities, When we talk about the countries with the most beautiful women, it's essential to appreciate that beauty is

subjective, shaped by personal, cultural, and societal values. That said, certain countries are often celebrated for their women's distinctive charm. grace, and cultural elegance. Here's a look at 10 countries globally renowned for their beautiful women, blending aesthetics with cultural richness.

ussian women are often

ing features, high cheek-

bones, light eyes, and tall

slender frames. Beyond physi-

cal beauty, Russian women

are known for their

resilience, sophistication, and

strong family values.

A admired for their strik-



Mix of indigenous. European, African, and Asian heritage, Brazil offers a dazzling variety of beauty. Brazilian women are famed for their radiant confidence, sun-kissed skin, and lively spirit, traits that reflect the country's energetic culture and love for dance, especially samba.

ndia's beauty is as diverse as its culture. From the fairskinned Kashmiris to the dusky South Indians, Indian women embody a rich spectrum of beauty with deep, expressive eyes, glossy hair, and traditional grace. The popularity Bollywood has also showcased Indian charm worldwide.



enezuela consistently produces top contenders in international beauty pageants. Venezuelan women are known for their polished elegance, strong personalities, and dedication to maintaining fitness and style.



rise of K-pop and Korean dramas. The country's women are celebrated for their flawless skin, delicate features, and innovative skincare routines.

elegance.

' talian women carry an innate Mediterranean allure, olivetoned skin, dark hair, and expressive eyes. Their beauty is enhanced by a passionate culture, fashion sense, and an appreciation for art and family.



wedish women embody

the Nordic ideal of beau-

tv. blond hair, blue eves, and

a natural, effortless style

Known for their health-con-

scious lifestyle, they often

exude a fresh, minimalist

dards have gained global

attention, especially with the



characterized by radiant skin tones, elegant bone structure, rich cultural heritage adds to their distinct charm.



for their vivacious spirit warm smiles, and a wide range of looks, thanks to the country's ethnic diversity. Their passion for dance and music adds to their magnetic presence.

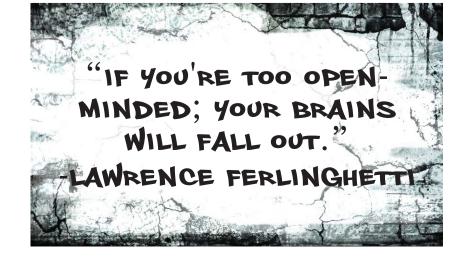


ebanese women are admired $ldsymbol{ldsymbol{ldsymbol{oxed}}}$ for their striking features, deep, dark eyes, luscious hair, and a flair for style. The coun try's blend of Middle Eastern and Mediterranean cultures influences their unique beauty.

What Makes Beauty Truly Global?

t's important to remember that beauty isn't confined to Confidence, kindness, intelli gence, and cultural richness all contribute to what makes someone truly beautiful. Every country around the world has its own unique beauty to offer and celebrating this diversity enriches our global under standing and appreciation Beauty transcends borders. It's in the way a person carries themselves, their stories, and the cultural heritage they embody. Whether in bustling cities or serene villages, beauty

THE WALL





I'M ON TEAM MOM, AND HAMMIE IS ON TEAM DAD.



By Rick Kirkman & Jerry Scott



ZITS





By Jerry Scott & Jim Borgman

BABY BLUES