

# THE WORLD OF INDIAN

Here's the first-ever compilation of data on Indian patents. Among other things, it looks at patent filing trends in India and the US, the top patentees, and industries where patent filings are more. A caveat: A US patent is generally published 18 months from the date of filing. Therefore, numbers from 1997 to 2001 are a better indicator of the trend.

## Where Are The Patents Coming From?

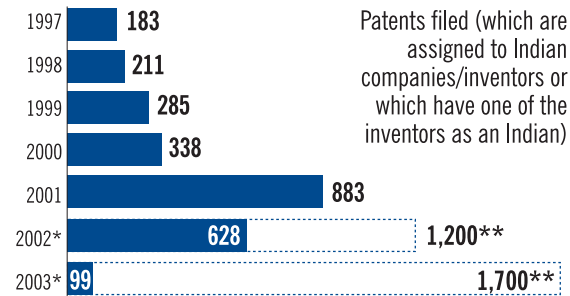
The concentration is in technology-intensive industries.

	Others **	Chemicals	Drugs	Electrical & Electronics	Materials	Mechanical
1997	3,537	3,207	1,135	2,349	1,686	350
1998	3,490	3,084	1,371	2,024	405	798
1999	2,236	2,321	1,173	1,367	300	821
2000	2,404	2,293	1,322	1,529	362	745
2001	3,161	2,671	2,176	1,948	591	984
2002	1,934	1,550	1,256	1,176	351	632
2003*	357	266	124	142	78	121

\* Till Jan 2003      † Filings granted or published by Indian Patent Office  
 \*\*Include general utility patents for technologies like sediment filters

## The Beeline Gets Bigger

A US patent is hot commodity.



Patents filed (which are assigned to Indian companies/inventors or which have one of the inventors as an Indian)

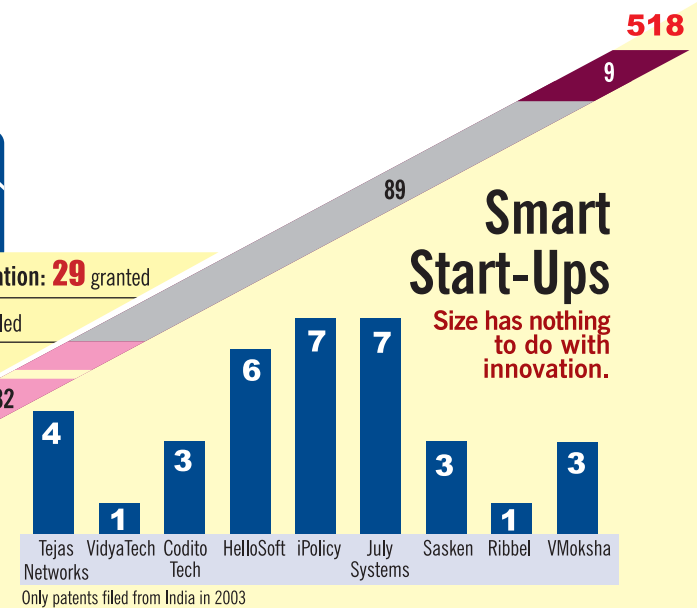
\*The patents considered are those available in the patent databases till Dec 9, 2003. There's an 18-month lag between filing and publication of a patent in the US  
 \*\*Assumes 40% growth over previous year

# PATENTS

## Patentees In Hot Sectors

- Indian Oil Corporation: **21** granted
- Biocon India: More than **100** filed
- Dr. Reddy's Laboratories: **33** granted
- Lupin Laboratories: **110** filed, **50** granted
- Orchid Chemicals & Pharmaceuticals: **13** granted
- Panacea Biotech: **15** granted
- Ranbaxy: **56** PCT applications in 2002, **37** at USPTO
- Dabur Research Foundation: **29** granted
- Aurobindo Pharma: **6** filed

PCT—Patent Cooperation Treaty  
 Includes all major patents



## Smart Start-Ups

Size has nothing to do with innovation.



## What Are The Patents For? (In the US patent office)

## Busy MNCs In India

It's the tech companies that lead the charge.

Company Name	Patents By The Indian Entity**	Patents Granted To The Global Entity*
Philips Innovation Campus (PIC)	102	1,203
Cisco Systems	120	242
Intel	125	1,126
Analog Devices	33	87
Texas Instruments	225	745
Cadence Design Systems	4	33
IBM	120	3,343
GE	95	1,758
Adobe Systems	10	30
Oracle India Development Centre	10	85
Sun Microsystems	10	615
Ciba Specialty Chemicals	9	154

\*Figures are for 2002      \*\*Estimated no. of patents filed by September 2002

## Who's Chasing US Patents?

Behold! A government agency tops the list.

