

Wednesday,
March 24, 2021

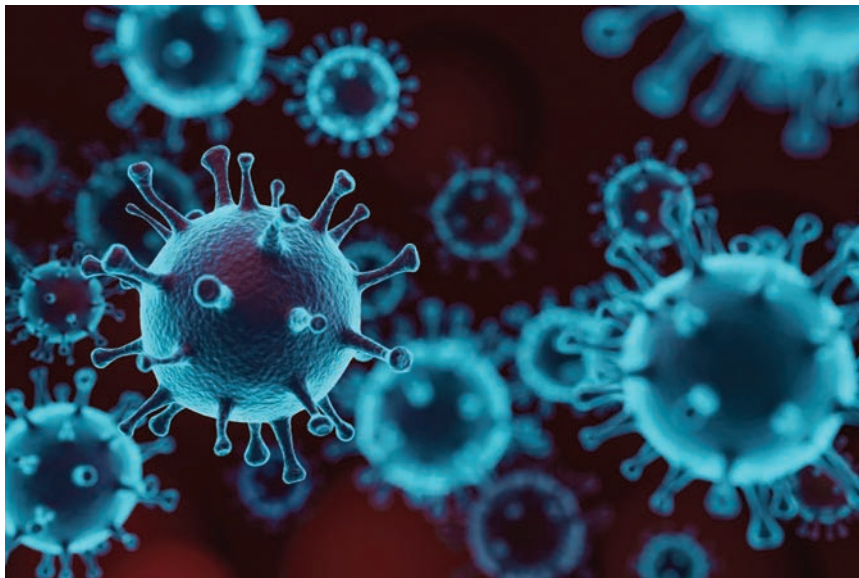
Patents and the Pandemic

Patenting Trends Before
and After Covid

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A Pandemic Begins



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Pre-Pandemic Patenting Numbers

| Countries | Number of Applications |
|---------------|------------------------|
| WIPO | 240 |
| China | 616 |
| Europe | 189 |
| Japan | 179 |
| South Korea | 169 |
| United States | 599 |

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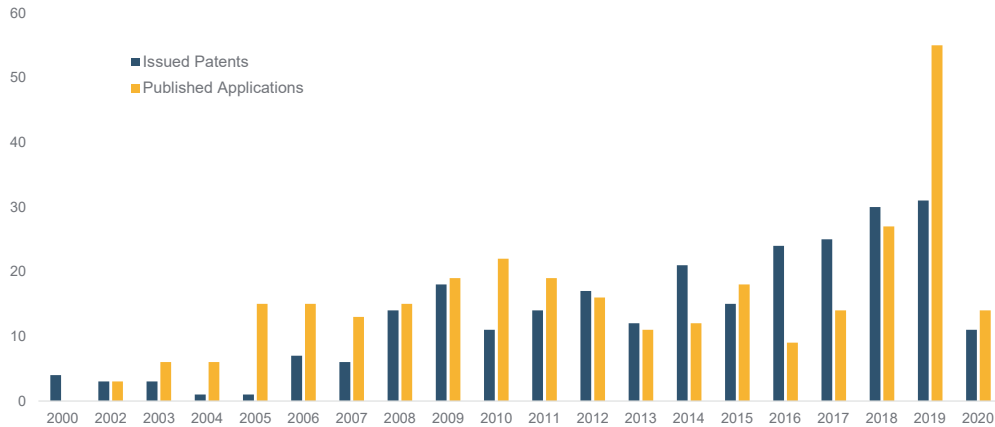
Companies Making Headlines in 2021



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SARS-CoV Global Epidemic of 2002 Spurred Innovation

Figure 1: Annual Distribution of Issued Patents and Patent Applications Related to Coronavirus (2000-2020)



Early SARS Patent

- US Patent No.: 7,048,953, issued May 23, 2006.
 - 4. A method to reduce risks of infection of the **human respiratory system** by **respiratory pathogens in an enclosed public area** having one or more human beings within said enclosed area comprising the following steps: (a) within a period of time of 30 minutes before entering said public area, inhaling concentrated vapors from an essential oil mixture comprising 50% *Eucalyptus globulus* and 50% *Melaleuca alternifolia*,

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First appeared as part of the conference materials for the
16th Annual Advanced Patent Law Institute session
"The USPTO & COVID-19 - Innovation through Adversity"