

showing the family history of patents and patent applications stemming from a provisional application first filed in July 2011.

| 13/041,211   |                   | METHOD AND COMPOSITIONS FOR CONSUMABLES |                             | 38767-0019001 |               | 03-21-2021:22:42:11 |  |
|--|-------------------|---|-----------------------------|---------------|---------------|---------------------|--|
| <b>Parent Continuity Data</b>  |                   |   |                             |               |               |                     |  |
| Description  | Parent Number     | Parent Filing or 371(c) Date            | AIA(First Inventor to File) | Parent Status | Patent Number |                     |  |
| This application Claims Priority From Provisional Application                          | 61/671,069        | 07-12-2012                              | -                           | Expired       | -             |                     |  |
| is a Continuation-in-part of   | PCT/US2012/046560 | 07-12-2012                              | -                           | -             | -             |                     |  |
| Claims Priority from Provisional Application   | 61/572,205        | 07-12-2011                              | -                           | Expired       | -             |                     |  |
| <b>Child Continuity Data</b>   |                   |   |                             |               |               |                     |  |
| PCT/US14/11347 filed on 01-13-2014 which is Published claims the benefit of 13/941,211 |                   |   |                             |               |               |                     |  |
| PCT/US14/11361 filed on 01-13-2014 which is Published claims the benefit of 13/941,211 |                   |   |                             |               |               |                     |  |
| 15/985,697 filed on 05-21-2018 which is Patented claims the benefit of 13/941,211      |                   |   |                             |               |               |                     |  |
| 17/108,102 filed on 12-01-2020 which is Pending claims the benefit of 13/941,211       |                   |   |                             |               |               |                     |  |
| 14/796,970 filed on 07-10-2015 which is Patented claims the benefit of 13/941,211      |                   |   |                             |               |               |                     |  |
| 14/797,006 filed on 07-10-2015 which is Patented claims the benefit of 13/941,211      |                   |   |                             |               |               |                     |  |
| 15/398,479 filed on 01-04-2017 which is Patented claims the benefit of 13/941,211      |                   |   |                             |               |               |                     |  |
| 15/624,505 filed on 06-15-2017 which is Patented claims the benefit of 13/941,211      |                   |   |                             |               |               |                     |  |
| 15/624,513 filed on 06-15-2017 which is Patented claims the benefit of 13/941,211      |                   |   |                             |               |               |                     |  |
| 15/786,776 filed on 10-18-2017 which is Patented claims the benefit of 13/941,211      |                   |   |                             |               |               |                     |  |
| 15/839,994 filed on 12-13-2017 which is Patented claims the benefit of 13/941,211      |                   |   |                             |               |               |                     |  |
| 15/912,763 filed on 03-06-2018 which is Patented claims the benefit of 13/941,211      |                   |   |                             |               |               |                     |  |
| 15/913,018 filed on 03-06-2018 which is Pending claims the benefit of 13/941,211       |                   |   |                             |               |               |                     |  |
| 15/913,090 filed on 03-06-2018 which is Pending claims the benefit of 13/941,211       |                   |   |                             |               |               |                     |  |
| 16/238,769 filed on 01-03-2019 which is Pending claims the benefit of 13/941,211       |                   |   |                             |               |               |                     |  |
| 16/238,802 filed on 01-03-2019 which is Pending claims the benefit of 13/941,211       |                   |   |                             |               |               |                     |  |
| 17/081,908 filed on 10-27-2020 which is Pending claims the benefit of 13/941,211       |                   |   |                             |               |               |                     |  |
| 17/081,922 filed on 10-27-2020 which is Pending claims the benefit of 13/941,211       |                   |   |                             |               |               |                     |  |
| 17/081,938 filed on 10-27-2020 which is Pending claims the benefit of 13/941,211       |                   |   |                             |               |               |                     |  |

Ten years later, that original application has spawned ten granted patents, with several other applications still pending. Patience and perseverance pay off in patent prosecution, as in other areas of business and life.

But all that patent portfolio building does not come free. Attorney fees build up as the portfolio builds, and even if outside counsel does most of the patent attorney work, it still takes significant in-house time to just manage a decent size patent portfolio. Well-funded companies like Impossible Foods can better afford such work, but all young companies struggle with the investment costs to build a necessary patent portfolio.

## 6. CONCLUSIONS

Patent protection is vital for young technology based companies, both to protect innovation and to attract investment. The growing substitute meat industry is no different, but in this field obtaining granted claims to a final food product has so far been difficult. Impossible Foods has by far had the most patent success, mainly because it bases final product patent protection on the presence of an ingredient not found in other meat products, namely heme. Other companies would do well to take