

Preface

The patent infringement litigation that is summarized in Chapters 7 – 17, is the impetus that prompted me to write this book. Actually, the impetus was multifaceted; but all facets converged to bring about my presence as an expert witness, in the Court of the United States International Trade Commission.

As a native Jamaican, the history, ramifications, politics, manufacture, economics etc. of “sugar” were absorbed subliminally, and this was apparent as I approached Chapter 1. But it was at Canada’s Queen’s University that I realized, among other things, that sugar was actually not singular, but plural. And it was there that, by pure chance in 1958, I happened to be around, when the early experiments that led “from Sugar to Splenda” were underway. These biographical issues are abstracted in Chapters 2 and 3, including my unlikely journey from a Jamaican High School, where neither chemistry nor physics was taught, to being an expert witness about chemistry in a trial with huge international and commercial consequences.

The middle of the book, chapters 4 – 7, contains the “meat and potatoes”, because the allegedly infringed patents were all about chemistry – 100%. However, that percentage was diminished markedly at the hands of brilliant lawyers who refused to accept the teaching of brilliant chemists.

I have therefore tried to give the readers a user-friendly presentation of the chemistry at issue in Chapter 4. Those wishing less user-friendly treatments of the chemistry should see Appendices A, B, C, D and E.

2200 pages of the Public Court Transcript of the trial have been whittled down to Chapters 8 – 17.

From Sugar to Splenda

A Personal and Scientific Journey of a Carbohydrate
Chemist and Expert Witness

Fraser-Reid, B.

2012, XX, 216 p., Hardcover

ISBN: 978-3-642-22780-6