

UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

CARGILL, INCORPORATED
Petitioner

v.

BUNGE LODERS CROKLAAN USA LLC
Patent Owner

Case No. IPR2024-01360
Patent 7,645,473

DECLARATION OF SYLVIA D. HALL-ELLIS, PH.D.

I. INTRODUCTION

1. My name is Sylvia D. Hall-Ellis. I have been retained as an expert by Counsel for Cargill, Incorporated (referred to herein as “Cargill”).

2. I have written this declaration at the request of Cargill to provide my expert opinion regarding the authenticity and public availability of several publications. My declaration sets forth my opinions in detail and provides the bases for my opinions regarding the public availability of these publications.

3. I reserve the right to supplement or amend my opinions, and bases for them, in response any additional evidence, testimony, discovery, argument, and/or other additional information that may be provided to me after the date of this declaration.

4. I am being compensated for my time spent working on this matter at my normal consulting rate of \$350 per hour, plus reimbursement for any additional reasonable expenses. My compensation is not in any way tied to the content of this declaration, the substance of my opinions, or the outcome of this proceeding. I have no other interests in this proceeding or with any of the parties.

5. All of the materials that I considered are discussed explicitly in this declaration.

II. QUALIFICATIONS

6. I am currently an Adjunct Professor in the School of Information at San José State University. I obtained a Master of Library Science from the University of North Texas in 1972 and a Ph.D. in Library and Information Science from the University of Pittsburgh in 1985. Over the last fifty years, I have held various positions in the field of library and information resources. I was first employed as a librarian in 1966 and have been involved in the field of library sciences since, holding numerous positions.

7. I am a member of the American Library Association (“ALA”) and its Association for Library Collections & Technical Services (“ALCTS”) Division, and I served on the Committee on Cataloging: Resource and Description (which wrote the new cataloging rules) and as the chair of the Committee for Education and Training of Catalogers and the Competencies and Education for a Career in Cataloging Interest Group. I also served as the Chair of the ALCTS Division’s Task Force on Competencies and Education for a Career in Cataloging. Additionally, I served as the Chair for the ALA Office of Diversity’s Committee on Diversity, as a member of the REFORMA National Board of Directors, and as a member of the Editorial Board for the ALCTS premier cataloging journal, *Library Resources and Technical Services*, as a Co-Chair of the Membership Committee for the Library Research Round Table (LRRT) of the American Library

Association, and as a member of the LRRT Nominating Committee. Currently I serve as a member of the CORE Margaret Mann Citation Committee.

8. I have also given over one-hundred presentations in the field, including several on library cataloging systems and Machine-Readable Cataloging (“MARC”) standards. My current research interests include library cataloging systems, metadata, and organization of electronic resources.

9. I have been deposed thirty-five times: (1) *Symantec Corp. vs. Finjan, Inc.*, Petition for *Inter Partes Review* of U.S. Patent No. 7,613,926, May 26, 2016, on behalf of Symantec Corp.; (2) *Symantec Corp. vs. Finjan, Inc.*, Northern District of California, 14-cv-299-HSG, on behalf of Symantec Corp., September 14, 2017; (3) one deposition for ten matters: *Intellectual Ventures I LLC vs. AT&T Mobility LLC*; AT&T Mobility II LLC, New Cingular Wireless Services, Inc., SBC Internet Services, Inc., Wayport, Inc., and Cricket Wireless LLC, C.A. No. 12-193 (LPS); *Intellectual Ventures II LLC vs. AT&T Mobility LLC*; AT&T Mobility II LLC, New Cingular Wireless Services, Inc., SBC Internet Services, Inc., Wayport, Inc., and Cricket Wireless LLC, C.A. No. 13-1631 (LPS); *Intellectual Ventures I LLC vs. T-Mobile USA, Inc. and T-Mobile US, Inc.*, C.A. No. 13-1632 (LPS); *Intellectual Ventures II LLC vs. T-Mobile USA, Inc. and T-Mobile US, Inc.*, C.A. No. 13-1633 (LPS); *Intellectual Ventures I LLC, vs. Nextel Operations, Inc., Sprint Spectrum L.P., Boost Mobile, LLC and Virgin Mobile USA, L.P.*, C.A. No. 13-1634

(LPS); *Intellectual Ventures II LLC vs. Nextel Operations, Inc., Sprint Spectrum L.P., Boost Mobile, LLC and Virgin Mobile USA, L.P.*, C.A. No. 13-1635 (LPS); *Intellectual Ventures I LLC, vs. United States Cellular Corporation*, C.A. No. 13-1636 (LPS); *Intellectual Ventures I LLC vs. United States Cellular Corporation*, C.A. No. 13-1637 (LPS); *Intellectual Ventures II LLC vs. AT&T Mobility LLC, AT&T Mobility II LLC, New Cingular Wireless Services, Inc.*, C.A. No. 15-799 (LPS); *Intellectual Ventures I LLC vs. T-Mobile USA, Inc. and T-Mobile US, Inc.*, C.A. No. 15-800 (LPS), on behalf of AT&T Mobility LLC; AT&T Mobility II LLC, Boost Mobile, LLC Cricket Wireless LLC, Nextel Operations, Inc., New Cingular Wireless Services, Inc., SBC Internet Services, Inc., Sprint Spectrum L.P., T-Mobile USA, Inc., T-Mobile US, Inc., United States Cellular Corporation Virgin Mobile USA, L.P., and Wayport, Inc., November 15, 2016; (4) *Hitachi Maxell, LTD., v. Top Victory Electronics (Taiwan) Co. Ltd., et al.*, Eastern District of Texas, 2:14-cv-1121 JRG-RSP (E.D. Texas), on behalf of Top Victory Electronics (Taiwan) Co. LTD, *et. al.*, January 20, 2016; (5) *Sprint Spectrum, L.P. vs. General Access Solutions, Ltd.*, Petition for *Inter Partes* Review of U.S. Patent No. 7,173,916, on behalf of Sprint Spectrum L.P., July 13, 2018; (6) *Nichia Corporation vs. Vizio, Inc.*, Central District of California, 8:16-cv-00545; on behalf of Vizio, Inc., October 12, 2018; (7) *Intellectual Ventures I LLC, vs. T-Mobile USA, Inc., T-Mobile US, Inc., Ericsson Inc., and Telefonaktiebolaget LM Ericsson*,

Middle District of Florida, 2:17-cv-00557 (JRG), on behalf of T-Mobile USA, Inc., T-Mobile US, Inc., Ericsson Inc., and Telefonaktiebolaget LM Ericsson, October 19, 2018; (8) Pfizer, Inc. vs. Biogen, Inc., Petition for *Inter Partes Review* of U.S. Patent No. 8,821,873, on behalf of Pfizer, November 3, 2018; (9) *Finjan, Inc. vs. ESET, LLC and ESET SPOL. S.R.O.*, Southern District of California, 3:17-cv-00183-CAB-BGS, on behalf of ESET, January 15, 2019; (10) *Finjan, Inc. vs. Cisco Systems, Inc.*, Northern District of California, 5:17-cv-00072-BLF-SVK, on behalf of Cisco Systems, Inc., September 6, 2019; (11) *Facebook, Inc., Instagram, LLC and Whatsapp Inc. vs. Blackberry Limited*, Petition for *Inter Partes Review* of U.S. Patent No. 9,349,120 B2, on behalf of Facebook, Inc., Instagram, LLC and Whatsapp Inc. December 20, 2019; (12) *3Shape A/S and Shape Inc. v. Align Technology, Inc.*, Petition for *Inter Partes Review* of U.S. Patent No. 7,156,661, IPR2020-00222 and IPR2020-00223, August 10, 2020, on behalf of 3Shape A/S and 3Shape Inc.; (13) *Finjan Inc. v. Rapid7, Inc. and Rapid7 LLC*, District of Delaware, 1:18-cv-01519-MN, September 15, 2020; (14) *VLSI Technology LLC v. Intel Corporation*, Western District of Texas, 6:19-cv-00254, 6:19-cv-00255, 6:19-cv-00256, on behalf of Intel Corporation, September 23, 2020; (15) *Finjan Inc. v. Sonicwall, Inc.*, Northern District of California, 5:17-cv-04467-BLF-HRL, on behalf of Sonicwall, Inc., October 27, 2020; (16) *VLSI Technology, LLC v. Intel Corporation*, District of Delaware, 1:18-cv-00966-CFC-CJB, February 5, 2021, on

behalf of the Intel Corporation; (17) *Unified Patents, LLC v. Good Kaisha IP Bridge 1*, Petition for *Inter Partes* Review of U. S. Patent 7,817,868, February 11, 2021, on behalf of Unified Patents; (18) *Finjan, Inc. v. Qualsys, Inc.*, Northern District of California, 4:18-cv-07229-YGR, March 1, 2021, on behalf of Qualsys, Inc.; (19) *Qualcomm, Inc. v. Monterey Research LLC*, Petition for *Inter Partes* Review of U. S. Patent 6,534,805, May 6, 2021, on behalf of Qualcomm, Inc.; (20) *Hulu, LLC v. Sound View Innovations, LLC*, Petition for *Inter Partes* Review of U. S. Patent 5,806,062, May 14, 2021, on behalf of Hulu, LLC; (21) *VLSI Technology LLC v. Intel Corporation*, Western District of Texas, 6:19-cv-00254, 6:19-cv-00255 and 6:19-cv-00256, August 3, 2021, on behalf of Intel Corporation; (22) *Liquidia Technologies, Inc. v. United Therapeutics Corporation*, Petition for *Inter Partes* Review of U. S. Patent 10,716,793 B2, October 20, 2021, on behalf of Liquidia Technologies, Inc.; (23) *EcoFactor, Inc. v. Google, Inc.*, Western District of Texas, 6:20-cv-00075 (ADA), 6:20-0078-ADA, and 6:20-cv-00080 ADA, October 27, 2021, on behalf of Google, Inc.; (24) *Liquidia Technologies, Inc. v. United Therapeutics Corporation*, Petition for *Inter Partes* Review of U. S. Patent 10,716,793 B2, March 11, 2022, on behalf of Liquidia Technologies, Inc.; (25) *Juniper Networks, Inc. v. Swarm Technology LLC*, Petition for *Inter Partes* Review of U. S. Patent 9,852,004, May 5, 2022, on behalf of Juniper Networks, Inc.; (26) *ParkerVision, Inc. v. Intel Corporation*, Western District of Texas, 6:20-cv-108

(ADA), October 26, 2022, on behalf of the Intel Corporation; (27) *CommScope v. TQ Delta*, Petition for *Inter Partes Review* of U. S. Patents 9,094,348 and 10,833,809, February 16, 2023, on behalf of CommScope; (28) *WSOU Investments d/b/a Brazos v. Salesforce.com, Inc.* for Western District of Texas, 6:20-cv-01164-ADA and 6:20-cv-01170-ADA, April 18, 2023, on behalf of Salesforce; (29) *Regents of the University of Minnesota v. AT&T Mobility LLC*, District of Minnesota, 14:cv-4999-JRT-TNL & 14-cv-4669-JRT-TNL, May 18, 2023, on behalf of AT & T Mobility LLC; (30) *VLSI Technology LLC v. Intel Corporation*, Northern District of California, 5:17-cv-0571-BLF-NC, July 11, 2023, on behalf of Intel Corporation; (31) *Trustees of Purdue University v. ST Microelectronics*, Western District of Texas, 6:21-cv-00727-ADA, July 27, 2023, on behalf of ST Microelectronics; (32) *Advanced Micro Devices, Inc. v. Realtek Semiconductor Corp.*, Petition for *Inter Partes Review* of U. S. Patents 7,936,245 & 9,590,582, August 10, 2023, on behalf of Advanced Micro Devices, Inc.; (33) *Motif Foodworks, Inc. v. Impossible Foods, Inc.*, Petition for *Inter Partes Review* of U. S. Patent 9,943,096, August 24, 2023, on behalf of Motif Foodworks, Inc.; (34) *Network System Technologies, LLC v. Texas Instruments, Inc.*, Eastern District of Texas, 2:22-cv-00482-RWS, March 20, 2024, on behalf of Texas Instruments, Inc.; and, (35) *Pardalis Technology Licensing, LLC v. International Business Machines Corporation*, Eastern District of Texas, 2:22-cv-00452, May 23, 2024, on behalf of

International Business Machines, Corporation. I have testified at trial three times: (1) *Advanced Micro Devices, Inc. v. Realtek Semiconductor Corp.*, U. S. Patents 7,936,245 & 9,590,582, October 20, 2023, International Trade Commission, Washington, DC, on behalf of Advanced Micro Devices, Inc.; (2) *Trustees of Purdue University v. ST Microelectronics*, Western District of Texas, 6:21-cv-00727-ADA, November 29, 2023, on behalf of ST Microelectronics; and, (3) *Certain Power Converter Modules and Computing Systems Containing the Same*, Investigation ITC-337-TA-1370, International Trade Commission, May 1, 2024, on behalf of Delta Electronics, Inc.

10. My full *curriculum vitae* is submitted herewith as Exhibit 1006.

III. PRELIMINARIES

11. *Scope of this declaration.* I am not an attorney and will not offer opinions on the law. I am, however, rendering my expert opinion on the authenticity of the documents referenced herein and on when and how each of these documents was disseminated or otherwise made available to the extent that persons interested and ordinarily skilled in the subject matter or art, exercising reasonable diligence, could have located the documents.

12. I am informed by counsel that an item is considered authentic if there is sufficient evidence to support a finding that the item is what it is claimed to be. I am also informed that authenticity can be established based on the contents of the

documents themselves, such as the appearance, contents, substance, internal patterns, or other distinctive characteristics of the item, taken together with all of the circumstances. I am further informed that an item is considered authentic if it is at least 20 years old, in a condition that creates no suspicion of its authenticity, and in a place where, if authentic, it would likely be. Lastly, I have been informed that a document's authenticity can be established by comparison with an authentic specimen.

13. I am informed by counsel that a printed publication qualifies as publicly accessible as of the date it was disseminated or otherwise made available such that a person interested in and ordinarily skilled in the relevant subject matter could locate it through the exercise of ordinary diligence.

14. While I understand that the determination of public accessibility under the foregoing standard rests on a case-by-case analysis of the facts particular to an individual publication, I also understand that a printed publication is rendered "publicly accessible" if it is cataloged and indexed by a library such that a person interested in the relevant subject matter could locate it (*i.e.*, I understand that cataloging and indexing by a library is sufficient, though there are other ways that a printed publication may qualify as publicly accessible). One manner of sufficient indexing is indexing according to subject matter category. I understand that the cataloging and indexing by a single library of a single instance of a particular

printed publication is sufficient, even if the single library is in a foreign country. I understand that, even if access to a library is restricted, a printed publication that has been cataloged and indexed therein is publicly accessible so long as a presumption is raised that the portion of the public concerned with the relevant subject matter would know of the printed publication. I also understand that the cataloging and indexing of information that would guide a person interested in the relevant subject matter to the printed publication, such as the cataloging and indexing of an abstract for the printed publication, is sufficient to render the printed publication publicly accessible.

15. I understand that routine business practices, such as general library cataloging and indexing practices, can be used to establish an approximate date on which a printed publication became publicly accessible.

16. *Indexing.* A researcher may discover material relevant to his or her topic in a variety of ways. One common means of discovery is to search for relevant information in an index of periodical and other publications. Having found relevant material, the researcher will then normally obtain it online, look for it in libraries, or purchase it from the publisher, a bookstore, a document delivery service, or other provider. Sometimes, the date of a document's public accessibility will involve both indexing and library date information. However,

date information for indexing entries is often unavailable. This is especially true for online indices.

17. Indexing services use a wide variety of controlled vocabularies to provide subject access and other means of discovering the content of documents. The formats in which these access terms are presented vary from service to service.

18. Before the widespread development of online databases to index articles in journals, magazines, conference papers, and technical reports, libraries purchased printed volumes of indices. Graduate library school education mandated that students learn about the bibliographic control of disciplines, the prominent indexing volumes, and searching strategies required to use them effectively and efficiently. Half of the courses that I studied in library school were focused on the bibliography and resources in academic disciplines.

19. Librarians consulted with information seekers to verify citations, check availability in union catalogs, printed books catalogs, and the OCLC database, and make formal requests for materials, *e.g.*, books, conference proceedings, journal articles. Requests were transmitted using Telex machines, rudimentary email systems, and the United States Postal Service. During my career, I have performed and supervised staff who handled these resource sharing tasks.

20. A major firm known for the breadth of subjects and comprehensive treatment in the preparation of index volumes, the H. W. Wilson Company offered these reference resources since the firm was founded in 1898. The *Reader's Guide to Periodical Literature* is one of the best-known titles available from H. W. Wilson. Each volume includes a comprehensive index for 300 of the most popular and important periodicals published in the United States and Canada. Information seekers have subject access expressed in plain language terminology, author access, and cross references to find the desired results from their searches. The family of index titles included *Science & Technology Index*, *Business Periodicals*, *Applied Science & Technology Index*, *Humanities Index*, *Biological & Agricultural Index*, and *Industrial Arts Index*. These printed indices have been superseded by digital database offerings available to information seekers through Ebsco.

21. Online indexing services commonly provide bibliographic information, abstracts, and full-text copies of the indexed publications, along with a list of the documents cited in the indexed publication. These services also often provide lists of publications that cite a given document. A citation of a document is evidence that the document was publicly available and in use no later than the publication date of the citing document.

22. *ResearchGate*.¹ A social networking site designed for scientists and researchers to share papers, ask and answer questions, and find collaborators, *ResearchGate* is the largest academic social network in terms of active users. As of September 2023, ResearchGate had more than 25 million users, with its largest user-bases coming from Europe and North America.²

23. Features available to *ResearchGate* members include following a research interest and the work of other individual participants, a blogging feature for users to write short reviews on peer-reviewed articles, private chat rooms for sharing data, editing documents, or discussing confidential topics, and a research-focused job board. *ResearchGate* indexes self-published information on user profiles and suggests members connect with others who have similar interests. Member questions are fielded to others who have identified relevant expertise on their profiles.

24. *ResearchGate* restricts its user accounts to people at recognized institutions and published researchers. Most of *ResearchGate's* users are involved in medicine, biology, engineering, computer science, agricultural sciences, and psychology. *ResearchGate* publishes a citation impact measurement in the form of an “RG Score,” which is reported to be correlated with existing citation impact

¹ www.researchgate.net

² <https://en.wikipedia.org/wiki/ResearchGate>

measures. *ResearchGate* does not charge fees for putting content on the site and does not require peer review.

25. *Semantic Scholar*.³ A project developed at the Allen Institute for Artificial Intelligence and publicly released in November 2015, *Semantic Scholar* is designed to be an AI-backed search engine for scientific journal articles which uses a combination of machine learning, natural language processing, and machine vision to add a layer of semantic analysis to the traditional methods of citation analysis, and to extract relevant figures, entities, and venues from papers. *Semantic Scholar* is designed to highlight important, influential papers, and to identify the connections between them.

26. As of January 2018, following a 2017 project that added biomedical papers and topic summaries, the *Semantic Scholar* corpus included more than 40 million papers from computer science and biomedicine. In March 2018, Doug Raymond, who developed machine learning initiatives for the Amazon Alexa platform, was hired to lead the *Semantic Scholar* project. As of August 2019, the number of included papers had grown to more than 173 million after the addition of the Microsoft Academic Graph records, already used by Lens.org.

³ <https://www.semanticscholar.org>

27. *Google Scholar*.⁴ Released in beta in November 2004, Google Scholar includes a significant number of peer-reviewed online academic journals, books, conference papers, selected theses and dissertations, preprints, abstracts, technical reports, and other scholarly literature. Google Scholar is a freely accessible web search engine that indexes the full text or metadata of scholarly literature across an array of publishing formats and disciplines. While Google does not publish the size of Google Scholar's database, scientometric researchers estimated it to contain roughly 389 million documents including articles, citations and patents making it the world's largest academic search engine in January 2018.

28. Because many of *Google Scholar*'s search results link to commercial journal articles, searchers will be able to access only an abstract and the citation details of an article and may have to pay a fee to access the entire article. The most relevant results for the searched keywords will be listed first, in order of the author's ranking, the number of references that are linked to it and their relevance to other scholarly literature, and the ranking of the publication that the journal appears in. Through its "cited by" feature, *Google Scholar* provides access to abstracts of articles that have cited the article being viewed. Through its "Related articles" feature, *Google Scholar* presents a list of closely related articles, ranked

⁴ <https://scholar.google.com>

primarily by how similar these articles are to the original result, but also taking into account the relevance of each paper.

29. *Scopus*.⁵ Researchers trust the information and data they discover with *Scopus* because the content comes from over 5,000 publishers that must be reviewed and selected by an independent Content Selection and Advisory Board (CSAB) to be, and continue to be, indexed on *Scopus*.

30. *Scopus* is the largest abstract and citation database of peer-reviewed literature: scientific journals, books, and conference proceedings. Delivering a comprehensive overview of the world's research output (more than 69 million items) in the fields of science, technology, medicine, social sciences, and arts and humanities, *Scopus* features smart tools to track, analyze and visualize research.

31. *Scopus* offers free features to non-subscribed users and is available through Scopus Preview. Researchers may use *Scopus* to assist with their research, such as searching authors, and learning more about content coverage and source metrics.

IV. LIBRARY CATALOGING PRACTICES

A. MARC RECORDS AND THE ONLINE LIBRARY CATALOG

32. I am fully familiar with the library cataloging standard known as the MARC standard, which is an industry-wide standard method of storing and

⁵ <https://www.elsevier.com/solutions/scopus>

organizing library catalog information.⁶ MARC was first developed in the 1960s by the Library of Congress. A MARC-compatible library is one that has a catalog consisting of individual MARC records for each of its items. Today, MARC is the primary communications protocol for the transfer and storage of bibliographic metadata in libraries.⁷

33. MARC is a framework into which descriptive bibliographic data are transcribed to interact with the software in online library catalogs to provide access to books, journals, and other resources in the collection. The bibliographic data provide points of access and can be searched by a person of ordinary skill in the art (“POSITA”) to identify and obtain resources in the library collection. An information seeker (or POSITA) can search a local online library catalog or the

⁶ The full text of the standard is available from the Library of Congress at <http://www.loc.gov/marc/bibliographic/>.

⁷ Almost every major library in the world is MARC-compatible. *See, e.g., MARC Frequently Asked Questions (FAQ)*, Library of Congress, <https://www.loc.gov/marc/faq.html> (last visited April 20, 2024) (“MARC is the acronym for MACHine-Readable Cataloging. It defines a data format that emerged from a Library of Congress-led initiative that began nearly forty years ago. It provides the mechanism by which computers exchange, use, and interpret bibliographic information, and its data elements make up the foundation of most library catalogs used today.”). MARC is the ANSI/NISO Z39.2-1994 (reaffirmed 2016) standard for Information Interchange Format.

holdings of a group of libraries in a state or region or in the global catalog WorldCat.

34. MARC records are not designed for public viewing. Although a significant number of libraries provide access to the MARC version of a bibliographic record, the public display is designed to show information in a succinct manner that is quickly understood and useful to the information seeker. Libraries determine the default search for the online catalog to make the entry of search terms efficient and result in a successful search. Information seekers can enter a keyword, title, author, or standard number for the item. Libraries may also provide a search capability called “Summon” that allows the information seeker to enter known information about the item to conduct a search.

35. Since at least the early 1970s and continuing to the present day, MARC has been the primary communications protocol for the transfer and storage of bibliographic metadata in libraries.⁸ As explained by the Library of Congress:

You could devise your own method of organizing the bibliographic information, but you would be isolating your library,

⁸ A complete history of the development of MARC can be found in *MARC: Its History and Implications* by Henrietta D. Avram (Washington, DC: Library of Congress, 1975) and available online from the Hathi Trust (<https://babel.hathitrust.org/cgi/pt?id=mdp.39015034388556;view=1up;seq=1>; last visited April 20, 2024).

limiting its options, and creating much more work for yourself. Using the MARC standard prevents duplication of work and allows libraries to better share bibliographic resources. Choosing to use MARC enables libraries to acquire cataloging data that is predictable and reliable. If a library were to develop a “home-grown” system that did not use MARC records, it would not be taking advantage of an industry-wide standard whose primary purpose is to foster communication of information.

Using the MARC standard also enables libraries to make use of commercially available library automation systems to manage library operations. Many systems are available for libraries of all sizes and are designed to work with the MARC format. Systems are maintained and improved by the vendor so that libraries can benefit from the latest advances in computer technology. The MARC standard also allows libraries to replace one system with another with the assurance that their data will still be compatible.

Why Is a MARC Record Necessary? LIBRARY OF CONGRESS,
<http://www.loc.gov/marc/umb/um01to06.html#part2> (last visited April 20, 2024).

36. Examining the MARC records for a specific item reveals the comprehensive data transcribed about a particular item at the time that cataloging and classification occurred. In addition to the creator, title, subjects, and standard numbers, additional information may provide additional and relevant data depending on the type of resource. Understanding the full extent of bibliographic data for an item and the points of access associated with it provides essential

information that can be used to determine the indexing and public availability for documents described in this Declaration.

B. MARC RECORDS

37. A MARC record comprises several fields, each of which contains specific data about the work. Each field is identified by a standardized, unique, three-digit code corresponding to the type of data that follow. For example, a work's title is recorded in field 245, the primary author or creator of the work is recorded in field 100, an item's International Standard Book Number ("ISBN") is recorded in field 020, an item's International Standard Serial Number ("ISSN") is recorded in field 022, an item's Library of Congress call number is recorded in field 050, and the publication date is recorded in field 260 under the subfield "c." *Id.*⁹ If a work is a periodical, then its publication frequency is recorded in field 310, alternate publication frequency is recorded in field 321, and the publication dates (*e.g.*, the first and last publication) are recorded in field 362, which is also

⁹ In some MARC records, field 264 is used rather than field 260 to record publication information. See <http://www.loc.gov/marc/bibliographic/bd264.html> (last visited April 20, 2024) ("Information in field 264 is similar to information in field 260 (Publication, Distribution, etc. (Imprint)). Field 264 is useful for cases where the content standard or institutional policies make a distinction between functions").

referred to as the enumeration/chronology field. *See* <http://www.loc.gov/marc/bibliographic/bd3xx.html> (last visited April 20, 2024).

38. The library that created the record is recorded in Field 040 in subfield “a” with a unique library code. When viewing the MARC record online via Online Computer Library Center’s (“OCLC”) bibliographic database, hovering over this code with the mouse reveals the full name of the library. I used this method of “mousing over” the library codes in the OCLC database to identify the originating library for the MARC records discussed in this Declaration. Where this “mouse over” option was not available, I consulted the Directory of OCLC Libraries to identify the institution that created the MARC record.¹⁰

39. MARC records also include several fields that include subject matter classification information. An overview of MARC record fields is available through the Library of Congress at <http://www.loc.gov/marc/bibliographic/>. For example, 6XX fields are termed “Subject Access Fields.” *See* <http://www.loc.gov/marc/bibliographic/bd6xx.html>. Among these, for example, is the 650 field; this is the “Subject Added Entry – Topical Term” field. *See* <http://www.loc.gov/marc/bibliographic/bd650.html>. The 650 field is a “[s]ubject added entry in which the entry element is a topical term.” *Id.* These authenticated subject entries “are assigned to a bibliographic record to provide access according

¹⁰ <https://www.oclc.org/en/contacts/libraries.html>

to generally accepted thesaurus-building rules (*e.g.*, *Library of Congress Subject Headings* (LCSH), *Medical Subject Headings* (MeSH)).” *Id.*

40. Further, MARC records include call numbers, which themselves indicate a subject and physical location within the library collections. For example, the 050 field is the “Library of Congress Call Number.” See <http://www.loc.gov/marc/bibliographic/bd050.html> (last visited April 20, 2024). A defined portion of the Library of Congress Call Number is the classification number, and “source of the classification number is *Library of Congress Classification* and the *LC Classification-Additions and Changes*.” *Id.* Thus, included in the 050 field is a subject matter classification. Each item in a library has a single classification number. A library selects a classification scheme (*e.g.*, the Library of Congress Classification scheme just described or a similar scheme such as the Dewey Decimal Classification scheme or the National Library of Medicine Classification scheme) and uses it consistently. When the Library of Congress assigns the classification number, it appears as part of the 050 field. If a local library assigns the classification number, it appears in a 090 field. In either scenario, the MARC record includes a classification number that represents a subject matter classification.

41. Each item in a library has a single classification number. A library selects a classification scheme (*e.g.*, the Library of Congress Classification scheme

just described or a similar scheme such as the Dewey Decimal Classification scheme) and uses it consistently. When the Library of Congress assigns the classification number, it appears as part of the 050 field, as discussed above. For MARC records created by libraries other than the Library of Congress (*e.g.*, a university library or a local public library), the classification number may appear in a 09X (*e.g.*, 090) field. See <http://www.loc.gov/marc/bibliographic/bd09x.html> (last visited April 20, 2024).

C. OCLC

42. The OCLC was created “to establish, maintain and operate a computerized library network and to promote the evolution of library use, of libraries themselves, and of librarianship, and to provide processes and products for the benefit of library users and libraries, including such objectives as increasing availability of library resources to individual library patrons and reducing the rate of rise of library per-unit costs, all for the fundamental public purpose of furthering ease of access to and use of the ever-expanding body of worldwide scientific, literary and educational knowledge and information.”¹¹ Among other services, OCLC and its members are responsible for maintaining the WorldCat database

¹¹ Third Article, Amended Articles of Incorporation of OCLC Online Computer Library Center, Incorporated (available at <https://www.oclc.org/content/dam/oclc/membership/articles-of-incorporation.pdf>).

(<http://www.worldcat.org/>), used by independent and institutional libraries throughout the world.

43. OCLC also provides its members online access to MARC records through its OCLC bibliographic database. When an OCLC member institution acquires a work, it creates a MARC record for this work in its computer catalog system in the ordinary course of its business. MARC records created at the Library of Congress were initially tape-loaded into the OCLC database through a subscription to MARC Distribution Services daily or weekly. Once the MARC record is created by a cataloger at an OCLC member institution or is tape-loaded from the Library of Congress, the MARC record is then made available to any other OCLC members online, and therefore made available to the public. Accordingly, once the MARC record is created by a cataloger at an OCLC member institution or is tape-loaded from the Library of Congress or another library anywhere in the world, any publication corresponding to the MARC record has been cataloged and indexed according to its subject matter such that a person interested in that subject matter could, with reasonable diligence, locate and access the publication through any library with access to the OCLC bibliographic database or through the Library of Congress.

44. When an OCLC member institution creates a new MARC record, OCLC automatically supplies the date of creation for that record. The date of

creation for the MARC record appears in the fixed field (008), characters 00 through 05. The MARC record creation date reflects the date on which, the item was first acquired or cataloged. Initially, field 005 of the MARC record is automatically populated with the date the MARC record was created in year, month, day format (YYYYMMDD) (some of the newer library catalog systems also include hour, minute, second (HHMMSS)). Thereafter, the library's computer system may automatically update the date in field 005 every time the library updates the MARC record (*e.g.*, to reflect that an item has been moved to a different shelving location within the library). Field 005 is visible when viewing a MARC record via an appropriate computerized interface. The initial field 005 date (*i.e.*, the date the MARC record was created) does appear. The date upon which the most recent update to field 005 occurred also appears in field 005. Thus, when an item's MARC record has been printed to hardcopy—as is the case with the exhibits to this report—the date reflected next to field 008 is necessarily on or after the date the library first cataloged and indexed the underlying item.

45. Once one library has cataloged and indexed a publication by creating a MARC record for that publication, other libraries that receive the publication do not create additional MARC records—the other libraries instead rely on the original MARC record. They may update or revise the MARC record to ensure accuracy, but they do not replace or duplicate it. This practice does more than save

libraries from duplicating labor, it also enhances the accuracy of MARC records. It also allows librarians around the world to know that a particular MARC record is authoritative. In contrast, a hypothetical system wherein duplicative records were created would result in confusion as to which record is authoritative.

46. The date of creation of the MARC record by a cataloger at an OCLC member institution reflects when the underlying item is accessible to the public. Upwards of two-thirds to three-quarters of book sales to libraries come from a jobber or wholesaler for online and print resources. These resellers make it their business to provide books to their customers as fast as possible, often providing turnaround times of only a single day after publication. Libraries purchase a significant portion of the balance of their books directly from publishers themselves, which provide delivery on a similarly expedited schedule. In general, libraries make these purchases throughout the year as the books are published and shelve the books as soon thereafter as possible in order to make the books available to their patrons. Thus, books are generally available at libraries across the country within just a few days of publication.

D. JOURNALS

47. Catalogers can create MARC records for all types of print, online, and digital resources. For example, MARC records cover serial publications, including both serially-published monographs and journals. OCLC hosts MARC records for

more than 320 million serial publications. Serial publications are those publications that have the same collective title but are intended to be continued indefinitely with enumeration such as a volume or issue number, *e.g.*, magazines and journals. In the OCLC bibliographic database, the first issue of the serial publication is typically cataloged, but the date is left open-ended with the use of a punctuation mark such as a dash. Individual issues are not cataloged according to the current national cataloging rules outlined in *RDA: Resource and Access*. Instead, MARC records for serial publication in OCLC represent the entire run of the serial title. With knowledge of the first issue published, future issues can be predicted. In my extensive professional experience, is it highly unusual for a library to stop collecting and shelving a serial publication prior to the end of its publication run. If a subscription to a serial publication ends its run or is cancelled before the end of its run, the library will denote that it has stopped receiving new volumes by filling in the end date in the local MARC record.

48. The handling of printed journal subscriptions is shown on the covers of individual issues. As was the best practice among libraries, issues arrived at a central facility and were immediately received, verified as part of a subscription, checked in, and stamped with the institution's name and date. Determining that the issue was part of the library subscription ensured that the entire set of publications for the year had been received so that they could be professionally bound and

retained. This process also verified that all of the published issues arrived so that the library staff did not have to request or claim an issue that did not arrive as expected. In large public libraries with branches and multi-campus libraries within academic institutions, the journals were sorted and delivered to the subscribing unit. The issues were frequently stamped again to acknowledge receipt. The new issue was placed in the public area; the older issue was stored so that it remained available.

49. The foregoing process has been standard library practice longer than I have been working in the profession. I first learned the steps in the process in the late 1970s and later supervised it. Although the checking in process has become automated and now links electronically to holdings records for the MARC record for each serial title, the manual stamping and placing the issue in a public area has not changed for 50 years. Unless I note otherwise below in reference to a specific serial publication, it is my expert opinion that this standard protocol was followed for each of the publications discussed below.

V. PUBLICATIONS

- A. Petrauskaite, V., W. De Greyt, M. Kellens, and A. Huyghebaert. “Physical and Chemical Properties of *trans*-Free Fats Produced by Chemical Interesterification of Vegetable Oil Blends.” *Journal of the American Oil Chemists' Society*, vol. 75, no. 4 (April 1998): 489-493. (“Petrauskaite”) [Exhibit 1007]**

50. Attached hereto as Exhibit 1007 is a copy of the journal article titled

“Physical and Chemical Properties of *trans*-Free Fats Produced by Chemical Interesterification of Vegetable Oil Blends” by V. Petrauskaite, W. De Greyt, M. Kellens, and A. Huyghebaert (hereafter “Petrauskaite”). The Petrauskaite article was published in Volume 75, Number 4 of the *Journal of the American Oil Chemists’ Society* and was found in the National Library of Agriculture (Beltsville, Maryland). The Petrauskaite article appears beginning on page 489 of this issue dated April 1998. Exhibit 1007 is a true and correct copy of the Petrauskaite article (pages 489-493). Specifically, the text of the article is complete; no pages are missing, and the text on each page appears to flow seamlessly from one page to the next; further, there are no visible alterations to the document. The Petrauskaite article is also available from the publisher, Springer¹² and in the digital repository *ResearchGate*.¹³ Exhibit 1007 was found within the custody of a library – a place where an authentic copy of this journal would likely be. Exhibit 1007 is a true and correct copy in a condition that creates no suspicion about its authenticity.

51. Attached hereto as Attachment 1A is a true and correct copy of the MARC record for the *Journal of the American Oil Chemists’ Society* from the

¹² <https://link.springer.com/article/10.1007/s11746-998-0252-z>

¹³

https://www.researchgate.net/publication/225713158_Physical_chemical_properties_of_trans-free_fats_produced_by_chemical_interesterification_of_vegetable_oil_blends

National Agricultural Library online catalog.¹⁴ The library continues to update this MARC record and enhanced the MARC record to meet current cataloging rules. The most recent enhancement to Attachment 1A occurred on May 18, 2023, as shown in field 005 (“20230518”). I personally identified and retrieved the MARC record that is Attachment 1A.

52. Based on finding a print copy of Exhibit 1007 in the National Agricultural Library and MARC record in its online library catalog attached as Attachment 1A, it is my opinion that the Petrauskaito article published in the *Journal of the American Oil Chemists’ Society* was publicly available on April 30, 1998, as shown by the library’s stamp on the cover. In common practice these stamps are applied at or around the time the volume is entered into the library’s collection and the volume is made available to library patrons within a short time thereafter. Attachment 1A also shows that Exhibit 1007 was catalogued with five descriptor terms reading “Oils and fats \$v Periodicals” (see Attachment 1B, Library of Congress subject heading sh2010104290), “Soap[s] \$v Periodicals” (see Attachment 1C, Library of Congress subject heading sh85123820 and Attachment 1D, Library of Congress subject heading sh85099890), “Fatty acids \$v

¹⁴ https://search.nal.usda.gov/discovery/search?query=any,contains,0003-021X&tab=LibraryCatalog&search_scope=MyInstitution&vid=01NAL_INST:MAIN&offset=0

Periodicals” (see Attachment 1E, Library of Congress subject heading sh85000535 and Attachment 1D, Library of Congress subject heading sh85099890), “Food industry and trade \$v Periodicals” (see Attachment 1F, Library of Congress subject heading sh2008103991), and “Oils and fats” (see Attachment 1G, Library of Congress subject heading sh85094407) in the 650 fields.

53. As noted in the holdings information in Attachment 1A (362 field), the National Agricultural Library has received the *Journal of the American Oil Chemists’ Society* since 1947 and continues to receive the publication. In view of the MARC record for Exhibit 1007, the Petrauskaite article was publicly available on April 30, 1980, because the serial title had been received, cataloged, and indexed in the National Agricultural Library and made part of its online catalog database.

54. Attached hereto as Attachment 1H is a true and correct copy of the MARC record for the *Journal of the American Oil Chemists’ Society* obtained from the OCLC bibliographic database. As previously noted, the library that created the record is recorded in field 040 with a unique library code. For Attachment 1H, that library code is “NLM,” which means that the MARC record for this serial was cataloged at the National Library of Medicine (Beltsville, Maryland). As can be seen in field 001 in the MARC record for this exhibit, a cataloger at the National Library of Medicine created OCLC record number

1033870 on October 7, 1974, as shown in field 008 (“741007”). The library community continues to update this MARC record and enhanced the MARC record to meet current cataloging rules. The most recent enhancement to Attachment 1H occurred on August 12, 2022, as shown in field 005 (“20220812”). I personally identified and retrieved the MARC record that is Attachment 1H. The “BLvl” entry in Attachment 1H is “s,” which indicates that the *Journal of the American Oil Chemists’ Society* is a serial publication. Field 310 of Attachment 1H reads “Monthly.” Accordingly, the MARC record for Exhibit 1007 corresponds to the *Journal of the American Oil Chemists’ Society* from the time the serial title adopted the current title and includes the date of the Petrauskaite article.¹⁵

55. Attachment 1H includes an entry in field 050 (“TP1 \$b .A644”)—as described above, a subject matter classification number consistent with the Library of Congress classification system (analogous to the Dewey Decimal classification system), an entry in field 060 (“W1 \$b JO909V”), a subject matter consistent with the National Library of Medicine classification system (analogous to the Dewey

¹⁵ The publication was originally titled *Oil and Soap* (1932-1946) and adopted the title *Journal of the American Oil Chemists’ Society* in January 1947. In 1990, the news section was published separately as *INFORM: International News on Fats, Oils, and Related Materials*.

Decimal classification system), and an entry in field 082 (“547”), a subject matter consistent with the Dewey Decimal classification system. Attachment 1H further includes seven descriptor terms reading “Oils and fats \$v Periodicals” (see Attachment 1B, Library of Congress subject heading sh2010104290), “Soap[s] \$v Periodicals” (see Attachment 1C, Library of Congress subject heading sh85123820 and Attachment 1D, Library of Congress subject heading sh85099890), “Fatty acids \$v Periodicals” (see Attachment 1E, Library of Congress subject heading sh85000535 and Attachment 1D, Library of Congress subject heading sh85099890), “Food industry and trade \$v Periodicals” (see Attachment 1F, Library of Congress subject heading sh2008103991), “Oils and fats” (see Attachment 1G, Library of Congress subject heading sh85094407), “Soap” (see Attachment 1C, Library of Congress subject heading sh85123820), and “Surface active agents” (see Attachment 1I, Library of Congress subject heading sh85130716) in the 650 fields. Thus, as of its cataloging, the publication corresponding to the MARC record attached hereto as Attachment 1H was indexed according to its subject matter by virtue of at least four independently sufficient classifications: the field 050 entry, the field 060 entry, the field 082 entry, and the field 650 entries. As of October 7, 1974, the MARC record attached hereto as Attachment 1H was accessible through any library with access to the OCLC bibliographic database or the online catalog at a library that subscribed to the

serial, which means that the corresponding publication was publicly available on or before that same date through any library with access to the OCLC bibliographic database or through an individual library.

56. Attachment 1H indicates that the *Journal of the American Oil Chemists' Society* as cataloged at the National Library of Medicine is currently available from 1,277 libraries.¹⁶ In view of the above, this issue of the *Journal of the American Oil Chemists' Society* was publicly available on April 30, 1998, because by that date it had been cataloged and indexed at the National Library of Medicine, made part of the OCLC bibliographic database, and received at the National Agricultural Library. For these reasons, it is my opinion that Exhibit 1007 was published and accessible to the public on April 30, 1998.

B. Hustedt, H. H., "Interesterification of Edible Oils." *Journal of the American Oil Chemists' Society*, vol. 53, no. 6, part 2 (June 1976): 390-392. ("Hustedt") [Exhibit 1008]

57. Attached hereto as Exhibit 1008 is a copy of the journal article titled "Interesterification of Edible Oil" by H. H. Hustedt (hereafter "Hustedt"). The Hustedt article was published in Volume 53, Number 6, Part 2 of the *Journal of the American Oil Chemists' Society* and was found in the Linda Hall Library (Kansas

¹⁶ <https://search.worldcat.org/title/1033870>

City, Missouri).¹⁷ The Hustedt article appears beginning on page 390 of this issue dated June 1976. Exhibit 1008 is a true and correct copy of the Hustedt article (pages 390-392). Specifically, the text of the article is complete; no pages are missing, and the text on each page appears to flow seamlessly from one page to the next; further, there are no visible alterations to the document. The Hustedt article is also available from the publisher, the American Oil Chemists' Society.¹⁸ Exhibit 1008 was found within the custody of a library – a place where an authentic copy of this journal would likely be. Exhibit 1008 is a true and correct copy in a condition that creates no suspicion about its authenticity.

58. Attached hereto as Attachment 2A is a true and correct copy of the MARC record for the *Journal of the American Oil Chemists' Society* from the Linda Hall Library online catalog.¹⁹ The library continues to update this MARC record and enhanced the MARC record to meet current cataloging rules. The most recent enhancement to Attachment 2A occurred on September 6, 2023, as shown in field 005 (“20230906”). I personally identified and retrieved the MARC record

¹⁷ The organization is now known as the Linda Hall Library of Science, Engineering & Technology.

¹⁸ <https://aocs.onlinelibrary.wiley.com/doi/abs/10.1007/BF02605728>

¹⁹ https://search.nal.usda.gov/discovery/search?query=any,contains,0003-021X&tab=LibraryCatalog&search_scope=MyInstitution&vid=01NAL_INST:MAIN&offset=0

that is Attachment 2A.

59. Based on finding a print copy of Exhibit 1008 in the Linda Hall Library and MARC record in its online library catalog attached as Attachment 2A, it is my opinion that the Hustedt article published in the *Journal of the American Oil Chemists' Society* was publicly available on June 29, 1976, as shown by the library's stamp on the cover. In common practice these stamps are applied at or around the time the volume is entered into the library's collection and the volume is made available to library patrons within a short time thereafter. Attachment 2A also shows that Exhibit 1008 was catalogued with two descriptor terms reading "Oils and fats \$v Periodicals" (see Attachment 1B, Library of Congress subject heading sh2010104290 and "Soap \$v Periodicals" (see Attachment 1C, Library of Congress subject heading sh85123820 and Attachment 1D, Library of Congress subject heading sh85099890) in the 650 fields.

60. As noted in the holdings information in Attachment 2A (362 field), the Linda Hall Library has received the *Journal of the American Oil Chemists' Society* since 1947 and continues to receive the publication. In view of the MARC record for Exhibit 1008, the Hustedt article was publicly available on June 29, 1976, because the serial title had been received, cataloged, and indexed in the Linda Hall Library and made part of its online catalog database.

61. Attached hereto as Attachment 2B is a true and correct copy of the

MARC record for the *Journal of the American Oil Chemists' Society* obtained from the OCLC bibliographic database. As previously noted, the library that created the record is recorded in field 040 with a unique library code. For Attachment 2B, that library code is “NLM,” which means that the MARC record for this serial was cataloged at the National Library of Medicine (Beltsville, Maryland). As can be seen in field 001 in the MARC record for this exhibit, a cataloger at the National Library of Medicine created OCLC record number 1033870 on October 7, 1974, as shown in field 008 (“741007”). The library community continues to update this MARC record and enhanced the MARC record to meet current cataloging rules. The most recent enhancement to Attachment 2B occurred on August 12, 2022, as shown in field 005 (“20220812”). I personally identified and retrieved the MARC record that is Attachment 2B. The “BLvl” entry in Attachment 2B is “s,” which indicates that the *Journal of the American Oil Chemists' Society* is a serial publication. Field 310 of Attachment 2B reads “Monthly.” Accordingly, the MARC record for Exhibit 1008 corresponds to the *Journal of the American Oil Chemists' Society* from the time the serial title adopted the current title and includes the date of the Hustedt article.²⁰

62. Attachment 2B includes an entry in field 050 (“TP1 \$b .A644”)—as

²⁰ The publication was originally titled *Oil and Soap* (1932-1946) and adopted the title *Journal of the American Oil Chemists' Society* in January 1947.

described above, a subject matter classification number consistent with the Library of Congress classification system (analogous to the Dewey Decimal classification system), an entry in field 060 (“W1 \$b JO909V”), a subject matter consistent with the National Library of Medicine classification system (analogous to the Dewey Decimal classification system), and an entry in field 082 (“547”), a subject matter consistent with the Dewey Decimal classification system. Attachment 2B further includes seven descriptor terms reading “Oils and fats \$v Periodicals” (see Attachment 1B, Library of Congress subject heading sh2010104290), “Soap[s] \$v Periodicals” (see Attachment 1C, Library of Congress subject heading sh85123820 and Attachment 1D, Library of Congress subject heading sh85099890), “Fatty acids \$v Periodicals” (see Attachment 1E, Library of Congress subject heading sh85000535 and Attachment 1D, Library of Congress subject heading sh85099890), “Food industry and trade \$v Periodicals” (see Attachment 1F, Library of Congress subject heading sh2008103991), “Oils and fats” (see Attachment 1G, Library of Congress subject heading sh85094407), “Soap” (see Attachment 1C, Library of Congress subject heading sh85123820), and “Surface active agents” (see Attachment 1I, Library of Congress subject heading sh85130716) in the 650 fields. Thus, as of its cataloging, the publication corresponding to the MARC record attached hereto as Attachment 2B was indexed according to its subject matter by virtue of at least four independently sufficient

classifications: the field 050 entry, the field 060 entry, the field 082 entry, and the field 650 entries. As of October 7, 1974, the MARC record attached hereto as Attachment 2B was accessible through any library with access to the OCLC bibliographic database or the online catalog at a library that subscribed to the serial, which means that the corresponding publication was publicly available on or before that same date through any library with access to the OCLC bibliographic database or through an individual library.

63. Attachment 2B indicates that the *Journal of the American Oil Chemists' Society* as cataloged at the National Library of Medicine is currently available from 1,277 libraries.²¹ In view of the above, this issue of the *Journal of the American Oil Chemists' Society* was publicly available on June 29, 1976, because by that date it had been cataloged and indexed at the National Library of Medicine, made part of the OCLC bibliographic database, and received at the Linda Hall Library. For these reasons, it is my opinion that Exhibit 1008 was published and accessible to the public on June 29, 1976.

**C. Idris, Nor Aini, Kurt G. Berger, and Augustine S. H. Ong.
“Evaluation of Shortenings Based on Various Palm Oil Products.”
Journal of the Science of Food and Agriculture, vol. 46, no. 4
(January 1989): 481-493. (“Idris 1989”) [Exhibit 1009]**

64. Attached hereto as Exhibit 1009 is a copy of the journal article titled

²¹ <https://search.worldcat.org/title/1033870>

“Evaluation of Shortenings Based on Various Palm Oil Product” by Nor Aini Idris, Kurt G. Berger, and Augustine S. H. Ong (hereafter “Idris 1989”). The Idris 1989 article was published in Volume 46, Number 4 of the *Journal of the Science of Food and Agriculture* and was found in the National Library of Agriculture (Beltsville, Maryland). The Idris 1989 article appears beginning on page 481 of this issue dated January 1989. Exhibit 1009 is a true and correct copy of the Idris 1989 article (pages 481-493). Specifically, the text of the article is complete; no pages are missing, and the text on each page appears to flow seamlessly from one page to the next; further, there are no visible alterations to the document. The Idris 1989 article is also available from the publisher, Wiley.²² Exhibit 1009 was found within the custody of a library – a place where an authentic copy of this journal would likely be. Exhibit 1009 is a true and correct copy in a condition that creates no suspicion about its authenticity.

65. Attached hereto as Attachment 3A is a true and correct copy of the MARC record for the *Journal of the Science of Food and Agriculture* from the National Agricultural Library online catalog.²³ The library continues to update this

²² <https://onlinelibrary.wiley.com/doi/abs/10.1002/jsfa.2740460410>

²³ https://search.nal.usda.gov/discovery/search?query=any,contains,0022-5142&tab=LibraryCatalog&search_scope=MyInstitution&vid=01NAL_INST:MAIN&offset=0

MARC record and enhanced the MARC record to meet current cataloging rules. The most recent enhancement to Attachment 3A occurred on June 3, 2024, as shown in field 005 (“20240603”). I personally identified and retrieved the MARC record that is Attachment 3A.

66. Based on finding a print copy of Exhibit 1009 in the National Agricultural Library and MARC record in its online library catalog attached as Attachment 3A, it is my opinion that the Idris 1989 article published in the *Journal of the Science of Food and Agriculture* was publicly available on March 9, 1989, as shown by the library’s stamp on the cover. In common practice these stamps are applied at or around the time the volume is entered into the library’s collection and the volume is made available to library patrons within a short time thereafter. Attachment 3A also shows that Exhibit 1009 was catalogued with two descriptor terms reading “Food \$v Periodicals” (see Attachment 3B, Library of Congress subject heading sh2008103974) and “Agriculture \$v Periodicals” (see Attachment 3C, Library of Congress subject heading sh2007100898) in the 650 fields.

67. As noted in the holdings information in Attachment 3A (362 field), the National Agricultural Library has received the *Journal of the Science of Food and Agriculture* since January 1950 and continues to receive the publication. In view of the MARC record for Exhibit 1009, the Idris 1989 article was publicly available on March 9, 1989, because the serial title had been received, cataloged,

and indexed in the National Agricultural Library and made part of its online catalog database.

68. Attached hereto as Attachment 3D is a true and correct copy of the MARC record for the *Journal of the Science of Food and Agriculture* obtained from the OCLC bibliographic database. As previously noted, the library that created the record is recorded in field 040 with a unique library code. For Attachment 3D, that library code is “DLC,” which means that the MARC record for this serial was cataloged at the Library of Congress. As can be seen in field 001 in the MARC record for this exhibit, a cataloger at the Library of Congress created OCLC record number 1782672 on June 6, 1974, as shown in field 008 (“740606”). The library community continues to update this MARC record and enhanced the MARC record to meet current cataloging rules. The most recent enhancement to Attachment 3D occurred on April 3, 2020, as shown in field 005 (“20200403”). I personally identified and retrieved the MARC record that is Attachment 3D. The “BLvl” entry in Attachment3D is “s,” which indicates that the *Journal of the Science of Food and Agriculture* is a serial publication. Field 310 of Attachment 3D reads “Monthly.” Accordingly, the MARC record for Exhibit 1009 corresponds to the *Journal of the Science of Food and Agriculture* from the time the serial title began publication and includes the date of the Idris 1989 article.

69. Attachment 3D includes an entry in field 050 (“TX341 \$b .J6”)—as described above, a subject matter classification number consistent with the Library of Congress classification system (analogous to the Dewey Decimal classification system), an entry in field 060 (“W1 JO954”), a subject matter consistent with the National Library of Medicine classification system (analogous to the Dewey Decimal classification system), and an entry in field 082 (“543.105”), a subject matter consistent with the Dewey Decimal classification system. Attachment 3D further includes two descriptor terms reading “Food \$v Periodicals” (see Attachment 3B, Library of Congress subject heading sh2008103974) and “Agriculture \$v Periodicals” (see Attachment 3C, Library of Congress subject heading sh2007100898) in the 650 fields. Thus, as of its cataloging, the publication corresponding to the MARC record attached hereto as Attachment 3D was indexed according to its subject matter by virtue of at least four independently sufficient classifications: the field 050 entry, the field 060 entry, the field 082 entry, and the field 650 entries. As of June 6, 1974, the MARC record attached hereto as Attachment 3D was accessible through any library with access to the OCLC bibliographic database or the online catalog at a library that subscribed to the serial, which means that the corresponding publication was publicly available on or before that same date through any library with access to the OCLC bibliographic database or through an individual library.

70. Attachment 3D indicates that the *Journal of the Science of Food and Agriculture* as cataloged at the Library of Congress is currently available from 1,080 libraries.²⁴ In view of the above, this issue of the *Journal of the Science of Food and Agriculture* was publicly available on March 9, 1989, because by that date it had been cataloged and indexed at the Library of Congress, made part of the OCLC bibliographic database, and received at the National Agricultural Library. For these reasons, it is my opinion that Exhibit 1009 was published and accessible to the public on March 9, 1989.

D. Sreenivasan, B. “Interesterification of Fats.” *Journal of the American Oil Chemists’ Society*, vol. 55, no. 11 (November 1978): 796-805. (“Sreenivasan”) [Exhibit 1010]

71. Attached hereto as Exhibit 1010 is a copy of the journal article titled “Interesterification of Fats” by B. Sreenivasan (hereafter “Sreenivasan”). The Sreenivasan article was published in Volume 55, Number 11 of the *Journal of the American Oil Chemists’ Society* and was found in the Linda Hall Library (Kansas City, Missouri).²⁵ The Sreenivasan article appears beginning on page 796 of this issue dated November 1978. Exhibit 1010 is a true and correct copy of the Sreenivasan article (pages 796-805). Specifically, the text of the article is

²⁴ <https://search.worldcat.org/title/1782672>

²⁵ The organization is now known as the Linda Hall Library of Science, Engineering & Technology.

complete; no pages are missing, and the text on each page appears to flow seamlessly from one page to the next; further, there are no visible alterations to the document. The Sreenivasan article is also available from the publisher, the American Oil Chemists' Society.²⁶ Exhibit 1010 was found within the custody of a library – a place where an authentic copy of this journal would likely be. Exhibit 1010 is a true and correct copy in a condition that creates no suspicion about its authenticity.

72. Attached hereto as Attachment 4A is a true and correct copy of the MARC record for the *Journal of the American Oil Chemists' Society* from the Linda Hall Library online catalog. The library continues to update this MARC record and enhanced the MARC record to meet current cataloging rules. The most recent enhancement to Attachment 4A occurred on September 6, 2023, as shown in field 005 (“20230906”). I personally identified and retrieved the MARC record that is Attachment 4A.

73. Based on finding a print copy of Exhibit 1010 in the Linda Hall Library and MARC record in its online library catalog attached as Attachment 4A, it is my opinion that the Sreenivasan article published in the *Journal of the American Oil Chemists' Society* was publicly available on November 16, 1978, as shown by the library's stamp on the cover. In common practice these stamps are

²⁶ <https://aocs.onlinelibrary.wiley.com/doi/abs/10.1007/BF02682651>

applied at or around the time the volume is entered into the library's collection and the volume is made available to library patrons within a short time thereafter. Attachment 4A also shows that Exhibit 1010 was catalogued with two descriptor terms reading "Oils and fats \$v Periodicals" (see Attachment 1B, Library of Congress subject heading sh2010104290 and "Soap \$v Periodicals" (see Attachment 1C, Library of Congress subject heading sh85123820 and Attachment 1D, Library of Congress subject heading sh85099890) in the 650 fields.

74. As noted in the holdings information in Attachment 4A (362 field), the Linda Hall Library has received the *Journal of the American Oil Chemists' Society* since 1947 and continues to receive the publication. In view of the MARC record for Exhibit 1010, the Sreenivasan article was publicly available on November 16, 1978, because the serial title had been received, cataloged, and indexed in the Linda Hall Library and made part of its online catalog database.

75. Attached hereto as Attachment 4B is a true and correct copy of the MARC record for the *Journal of the American Oil Chemists' Society* obtained from the OCLC bibliographic database. As previously noted, the library that created the record is recorded in field 040 with a unique library code. For Attachment 4B, that library code is "NLM," which means that the MARC record for this serial was cataloged at the National Library of Medicine (Beltsville, Maryland). As can be seen in field 001 in the MARC record for this exhibit, a

cataloger at the National Library of Medicine created OCLC record number 1033870 on October 7, 1974, as shown in field 008 (“741007”). The library community continues to update this MARC record and enhanced the MARC record to meet current cataloging rules. The most recent enhancement to Attachment 4B occurred on August 12, 2022, as shown in field 005 (“20220812”). I personally identified and retrieved the MARC record that is Attachment 4B. The “BLvl” entry in Attachment 4B is “s,” which indicates that the *Journal of the American Oil Chemists’ Society* is a serial publication. Field 310 of Attachment 4B reads “Monthly.” Accordingly, the MARC record for Exhibit 1010 corresponds to the *Journal of the American Oil Chemists’ Society* from the time the serial title adopted the current title and includes the date of the Sreenivasan article.²⁷

76. Attachment 4B includes an entry in field 050 (“TP1 \$b .A644”)—as described above, a subject matter classification number consistent with the Library of Congress classification system (analogous to the Dewey Decimal classification system), an entry in field 060 (“W1 \$b JO909V”), a subject matter consistent with the National Library of Medicine classification system (analogous to the Dewey Decimal classification system), and an entry in field 082 (“547”), a subject matter

²⁷ The publication was originally titled *Oil and Soap* (1932-1946) and adopted the title *Journal of the American Oil Chemists’ Society* in January 1947.

consistent with the Dewey Decimal classification system. Attachment 4B further includes seven descriptor terms reading “Oils and fats \$v Periodicals” (see Attachment 1B, Library of Congress subject heading sh2010104290), “Soap[s] \$v Periodicals” (see Attachment 1C, Library of Congress subject heading sh85123820 and Attachment 1D, Library of Congress subject heading sh85099890), “Fatty acids \$v Periodicals” (see Attachment 1E, Library of Congress subject heading sh85000535 and Attachment 1D, Library of Congress subject heading sh85099890), “Food industry and trade \$v Periodicals” (see Attachment 1F, Library of Congress subject heading sh2008103991), “Oils and fats” (see Attachment 1G, Library of Congress subject heading sh85094407), “Soap” (see Attachment 1C, Library of Congress subject heading sh85123820), and “Surface active agents” (see Attachment 1I, Library of Congress subject heading sh85130716) in the 650 fields. Thus, as of its cataloging, the publication corresponding to the MARC record attached hereto as Attachment 4B was indexed according to its subject matter by virtue of at least four independently sufficient classifications: the field 050 entry, the field 060 entry, the field 082 entry, and the field 650 entries. As of October 7, 1974, the MARC record attached hereto as Attachment 4B was accessible through any library with access to the OCLC bibliographic database or the online catalog at a library that subscribed to the serial, which means that the corresponding publication was publicly available on or

before that same date through any library with access to the OCLC bibliographic database or through an individual library.

77. Attachment 4B indicates that the *Journal of the American Oil Chemists' Society* as cataloged at the National Library of Medicine is currently available from 1,277 libraries.²⁸ In view of the above, this issue of the *Journal of the American Oil Chemists' Society* was publicly available on November 16, 1978, because by that date it had been cataloged and indexed at the National Library of Medicine, made part of the OCLC bibliographic database, and received at the Linda Hall Library. For these reasons, it is my opinion that Exhibit 1010 was published and accessible to the public on November 16, 1978.

E. Neff, W. E., M. A. El-Agaimy, and T. L. Mounts. "Oxidative Stability of Blends and Interesterified Blends of Soybean Oil and Palm Olein." *Journal of the American Oil Chemists' Society*, vol. 71, no. 10 (October 1994): 1111-1116. ("Neff") [Exhibit 1011]

78. Attached hereto as Exhibit 1011 is a copy of the journal article titled "Oxidative Stability of Blends and Interesterified Blends of Soybean Oil and Palm Olein" by W. E. Neff, M. A. El-Agaimy, and T. L. Mount (hereafter "Neff"). The Neff article was published in Volume 71, Number 10 of the *Journal of the American Oil Chemists' Society* and was found in the Linda Hall Library (Kansas

²⁸ <https://search.worldcat.org/title/1033870>

City, Missouri).²⁹ The Neff article appears beginning on page 1111 of this issue dated October 1994. Exhibit 1011 is a true and correct copy of the Neff article (pages 1111-1116). Specifically, the text of the article is complete; no pages are missing, and the text on each page appears to flow seamlessly from one page to the next; further, there are no visible alterations to the document. The Neff article is also available from the publisher, the American Oil Chemists' Society.³⁰ Exhibit 1011 was found within the custody of a library – a place where an authentic copy of this journal would likely be. Exhibit 1011 is a true and correct copy in a condition that creates no suspicion about its authenticity.

79. Attached hereto as Attachment 5A is a true and correct copy of the MARC record for the *Journal of the American Oil Chemists' Society* from the Linda Hall Library online catalog. The library continues to update this MARC record and enhanced the MARC record to meet current cataloging rules. The most recent enhancement to Attachment 5A occurred on September 6, 2023, as shown in field 005 ("20230906"). I personally identified and retrieved the MARC record that is Attachment 5A.

80. Based on finding a print copy of Exhibit 1011 in the Linda Hall

²⁹ The organization is now known as the Linda Hall Library of Science, Engineering & Technology.

³⁰ <https://link.springer.com/article/10.1007/BF02675904#citeas>

Library and MARC record in its online library catalog attached as Attachment 5A, it is my opinion that the Neff article published in the *Journal of the American Oil Chemists' Society* was publicly available on October 19, 1994, as shown by the library's stamp on the cover. In common practice these stamps are applied at or around the time the volume is entered into the library's collection and the volume is made available to library patrons within a short time thereafter. Attachment 5A also shows that Exhibit 1011 was catalogued with two descriptor terms reading "Oils and fats \$v Periodicals" (see Attachment 1B, Library of Congress subject heading sh2010104290 and "Soap \$v Periodicals" (see Attachment 1C, Library of Congress subject heading sh85123820 and Attachment 1D, Library of Congress subject heading sh85099890) in the 650 fields.

81. As noted in the holdings information (362 field), the Linda Hall Library has received the *Journal of the American Oil Chemists' Society* since 1947 and continues to receive the publication. In view of the MARC record for Exhibit 1011, the Neff article was publicly available on October 19, 1994, because the serial title had been received, cataloged, and indexed in the Linda Hall Library and made part of its online catalog database.

82. Attached hereto as Attachment 5B is a true and correct copy of the MARC record for the *Journal of the American Oil Chemists' Society* obtained from the OCLC bibliographic database. As previously noted, the library that

created the record is recorded in field 040 with a unique library code. For Attachment 5B, that library code is “NLM,” which means that the MARC record for this serial was cataloged at the National Library of Medicine (Beltsville, Maryland). As can be seen in field 001 in the MARC record for this exhibit, a cataloger at the National Library of Medicine created OCLC record number 1033870 on October 7, 1974, as shown in field 008 (“741007”). The library community continues to update this MARC record and enhanced the MARC record to meet current cataloging rules. The most recent enhancement to Attachment 5B occurred on August 12, 2022, as shown in field 005 (“20220812”). I personally identified and retrieved the MARC record that is Attachment 5B. The “BLvl” entry in Attachment 5B is “s,” which indicates that the *Journal of the American Oil Chemists’ Society* is a serial publication. Field 310 of Attachment 5B reads “Monthly.” Accordingly, the MARC record for Exhibit 1011 corresponds to the *Journal of the American Oil Chemists’ Society* from the time the serial title adopted the current title and includes the date of the Neff article.³¹

83. Attachment 5B includes an entry in field 050 (“TP1 \$b .A644”)—as described above, a subject matter classification number consistent with the Library of Congress classification system (analogous to the Dewey Decimal classification

³¹ The publication was originally titled *Oil and Soap* (1932-1946) and adopted the title *Journal of the American Oil Chemists’ Society* in January 1947.

system), an entry in field 060 (“W1 \$b JO909V”), a subject matter consistent with the National Library of Medicine classification system (analogous to the Dewey Decimal classification system), and an entry in field 082 (“547”), a subject matter consistent with the Dewey Decimal classification system. Attachment 5B further includes seven descriptor terms reading “Oils and fats \$v Periodicals” (see Attachment 1B, Library of Congress subject heading sh2010104290), “Soap[s] \$v Periodicals” (see Attachment 1C, Library of Congress subject heading sh85123820 and Attachment 1D, Library of Congress subject heading sh85099890), “Fatty acids \$v Periodicals” (see Attachment 1E, Library of Congress subject heading sh85000535 and Attachment 1D, Library of Congress subject heading sh85099890), “Food industry and trade \$v Periodicals” (see Attachment 1F, Library of Congress subject heading sh2008103991), “Oils and fats” (see Attachment 1G, Library of Congress subject heading sh85094407), “Soap” (see Attachment 1C, Library of Congress subject heading sh85123820), and “Surface active agents” (see Attachment 1I, Library of Congress subject heading sh85130716) in the 650 fields. Thus, as of its cataloging, the publication corresponding to the MARC record attached hereto as Attachment 5B was indexed according to its subject matter by virtue of at least four independently sufficient classifications: the field 050 entry, the field 060 entry, the field 082 entry, and the field 650 entries. As of October 7, 1974, the MARC record attached hereto as

Attachment 5B was accessible through any library with access to the OCLC bibliographic database or the online catalog at a library that subscribed to the serial, which means that the corresponding publication was publicly available on or before that same date through any library with access to the OCLC bibliographic database or through an individual library.

84. Attachment 5B indicates that the *Journal of the American Oil Chemists' Society* as cataloged at the National Library of Medicine is currently available from 1,277 libraries.³² In view of the above, this issue of the *Journal of the American Oil Chemists' Society* was publicly available on October 19, 1994, because by that date it had been cataloged and indexed at the National Library of Medicine, made part of the OCLC bibliographic database, and received at the Linda Hall Library. For these reasons, it is my opinion that Exhibit 1011 was published and accessible to the public on October 19, 1994.

F. Gunstone, Frank D., John L. Harwood, and Fred B. Padley. *The Lipid Handbook*. 2nd ed. London: Chapman & Hall, ©1994. ("Gunstone") [Exhibit 1012]

85. Attached hereto as Exhibit 1012 is a copy of a book titled *The Lipid Handbook*, 2nd edition, by Frank D. Gunstone, John L. Harwood, and Fred B. Padley (hereafter "Gunstone") and issued by Chapman & Hall with a 1994 copyright date. Exhibit 1012 is a true and correct copy of the title page, copyright

³² <https://search.worldcat.org/title/1033870>

page, table of contents, and 12 chapters as held by the Karl F. Wendt Engineering Library at the University of Wisconsin – Madison. I obtained Exhibit 1012 from the Karl F. Wendt Engineering Library at the University of Wisconsin – Madison. The text in Exhibit 1012 is complete; no pages are missing, and the text on each page appears to flow seamlessly from one page to the next; further, there are no visible alterations to the document. Exhibit 1012 is a true and correct copy in a condition that creates no suspicion about its authenticity.

86. Attached hereto as Attachment 6A is a true and correct copy of the MARC record for this book from the Karl F. Wendt Engineering Library at the University of Wisconsin – Madison online catalog. Library ownership is indicated by the presence of the library’s code (“GZZA”) in the 049 field. The library continues to update this MARC record and enhanced the MARC record to meet current cataloging rules. The most recent enhancement to the MARC record occurred on March 22, 2018, as shown in field 005 (“20160322”). I personally identified and retrieved the library catalog record which is Attachment 6A.

87. The International Standard Book Number (ISBN) on Exhibit 1012 (0-412-43320-6) matches the ISBN in field 020 of Attachment 6A. Therefore, Exhibit 1012 is the same book as the one that the cataloger at the University of Wisconsin – Madison Libraries used to create the MARC record that is Attachment 6A. Therefore, the book titled *The Lipid Handbook*, 2nd edition, (Exhibit 1012) was

present and cataloged in the Kurt F. Wendt Engineering Library at the University of Wisconsin – Madison on August 9, 1994. It would have been able to be located by a person of ordinary skill in the art using the library catalog system and was thus publicly accessible as of this date.

88. Attached hereto as Attachment 6B is a true and correct copy of the MARC record for the book titled *The Lipid Handbook*, 2nd edition, obtained from the OCLC bibliographic database. I personally identified and retrieved the MARC record that is Attachment 6B. As previously noted, the library that created the record is recorded in field 040 with a unique library code. For Attachment 6B, that library code is “ESU,” which means that the MARC record for this book was created at the University of Strathclyde Library (Glasgow, Scotland). As can be seen in the “Entered” field in the MARC record for this exhibit, a cataloger at the University of Strathclyde Library created OCLC record number 30959498 on August 17, 1994, as shown in field 008 (“940817”). The library community continues to update and enhance this MARC record to meet current cataloging rules. The most recent enhancement to Attachment 6B occurred on February 10, 2024, as shown in field 005 (“20240210”). I personally identified and retrieved the MARC record that is Attachment 6B.

89. Attachment 6B further includes an entry in field 050 (“QP751 \$b .L547 1994”)—as described above, this includes a subject matter classification

number consistent with the Library of Congress classification system (analogous to the Dewey Decimal classification system), an entry in field 060 (“QU [\$b] L7632), a subject matter consistent with the National Library of Medicine classification system (analogous to the Dewey Decimal classification system), and an entry in field 082 (“547.77”), a subject matter consistent with the Dewey Decimal classification system. Attachment 6B further includes two descriptor terms reading “Lipids \$v Handbooks, manuals, etc.” (see Attachment 6C, Library of Congress subject heading sh85077296 and Attachment 6D, Library of Congress genre heading sj96005639) and “Lipids” (see Attachment 6C, Library of Congress subject heading sh85077296) in the 650 fields. Thus, as of its cataloging, the publication corresponding to the MARC record attached hereto as Attachment 6B was indexed according to its subject matter by virtue of at least four independently sufficient classifications: the field 050 entry, the field 060 entry, the field 082 entry, and the field 650 entries. Further, as of August 17, 1994, the MARC record attached hereto as Attachment 6B was accessible through any library with access to the OCLC bibliographic database or the online catalog at a library that added this book to its collection, which means that the corresponding publication was publicly available on or before that same date through any library with access to the OCLC bibliographic database or through an individual library.

90. WorldCat indicates that the Gunstone book as cataloged at the

University of Strathclyde Library is currently available from 589 libraries³³. In view of above, the Gunstone monograph was publicly available on August 9, 1994, because by that date it had been cataloged and indexed at the University of Strathclyde Library, made part of the OCLC bibliographic database, and received in the Karl F. Wendt Engineering Library at the University of Wisconsin – Madison. For these reasons, it is my opinion that Exhibit 1012 was published and accessible to the public on August 9, 1994.

G. Kalenuik, Ron. *Simply Delicious Cooking 2*. Scarborough, Ontario, Canada: Magnanimity House Publishers, ©1994. (“Kalenuik”) [Exhibit 1013]

91. Attached hereto as Exhibit 1013 is a set of excerpted pages from the book titled *Simply Delicious Cooking 2* by Ron Kalenuik (hereafter “Kalenuik”) and issued by Magnanimity House Publishers with a 1994 copyright date. Exhibit 1013 is a true and correct copy of the title page, copyright page, table of contents, and pages 627, 631, 653, 654, 675, 676, 686, 691. I obtained Exhibit 1013 from counsel. The text in Exhibit 1013 is complete; no pages are missing, and the text on each page appears to flow seamlessly from one page to the next; further, there are no visible alterations to the document. Exhibit 1013 is a true and correct copy in a condition that creates no suspicion about its authenticity.

92. Attached hereto as Attachment 7A is a true and correct copy of the

³³ <https://search.worldcat.org/title/31077605>

MARC record for the book titled *Simply Delicious Cooking 2* obtained from the OCLC bibliographic database. I personally identified and retrieved the MARC record that is Attachment 7A. As previously noted, the library that created the record is recorded in field 040 with a unique library code. For Attachment 7A, that library code is “TXP,” which means that the MARC record for this book was created at the El Paso Public Library (El Paso, Texas). As can be seen in the “Entered” field in the MARC record for this exhibit, a cataloger at the El Paso Public Library created OCLC record number 32575963 on May 31, 1995, as shown in field 008 (“950531”). The library community continues to update and enhance this MARC record to meet current cataloging rules. The most recent enhancement to Attachment 7A occurred on August 18, 2022, as shown in field 005 (“20220818”). I personally identified and retrieved the MARC record that is Attachment 7A.

93. Attachment 7A further includes an entry in field 050 (“TX714 \$b .K36 1994”)—as described above, this includes a subject matter classification number consistent with the Library of Congress classification system (analogous to the Dewey Decimal classification system) and an entry in field 082 (“641.5”), a subject matter consistent with the Dewey Decimal classification system. Attachment 7A further includes a descriptor term reading “Cooking” (see Attachment 7B, Library of Congress subject heading sh2010008400) in the 650

field. Thus, as of its cataloging, the publication corresponding to the MARC record attached hereto as Attachment 7A was indexed according to its subject matter by virtue of at least three independently sufficient classifications: the field 050 entry, the field 082 entry, and the field 650 entry. Further, as of May 31, 1995, the MARC record attached hereto as Attachment 7A was accessible through any library with access to the OCLC bibliographic database or the online catalog at a library that added this book to its collection, which means that the corresponding publication was publicly available on or before that same date through any library with access to the OCLC bibliographic database or through an individual library.

94. WorldCat indicates that the Kalenuik book as cataloged at the El Paso Public Library is currently available from 125 libraries.³⁴ In view of above, the Kalenuik monograph was publicly available on May 31, 1995, because by that date it had been received, cataloged, and indexed at the El Paso Public Library and made part of the OCLC bibliographic database. For these reasons, it is my opinion that Exhibit 1013 was published and accessible to the public on May 31, 1995.

H. Deffense, E. “Fractionation of Palm Oil.” *Journal of the American Oil Chemists’ Society*, vol. 62, no. 2 (February 1985): 376-385. (“Deffense”) [Exhibit 1014]

95. Attached hereto as Exhibit 1014 is a copy of the journal article titled “Fractionation of Palm Oil” by E. Deffense (hereafter “Deffense”). The Deffense

³⁴ <https://search.worldcat.org/title/32575963>

article was published in Volume 62, Number 2 of the *Journal of the American Oil Chemists' Society* and was found in the Linda Hall Library (Kansas City, Missouri).³⁵ The Deffense article appears beginning on page 376 of this issue dated February 1985. Exhibit 1014 is a true and correct copy of the Deffense article (pages 376-385). Specifically, the text of the article is complete; no pages are missing, and the text on each page appears to flow seamlessly from one page to the next; further, there are no visible alterations to the document. The Deffense article is also available from the publisher, the American Oil Chemists' Society.³⁶ Exhibit 1014 was found within the custody of a library – a place where an authentic copy of this journal would likely be. Exhibit 1014 is a true and correct copy in a condition that creates no suspicion about its authenticity.

96. Attached hereto as Attachment 8A is a true and correct copy of the MARC record for the *Journal of the American Oil Chemists' Society* from the Linda Hall Library online catalog. The library continues to update this MARC record and enhanced the MARC record to meet current cataloging rules. The most recent enhancement to Attachment 8A occurred on September 6, 2023, as shown in field 005 (“20230906”). I personally identified and retrieved the MARC record

³⁵ The organization is now known as the Linda Hall Library of Science, Engineering & Technology.

³⁶ <https://aocs.onlinelibrary.wiley.com/doi/10.1007/BF02541408>

that is Attachment 8A.

97. Based on finding a print copy of Exhibit 1014 in the Linda Hall Library and MARC record in its online library catalog attached as Attachment 8A, it is my opinion that the Deffense article published in the *Journal of the American Oil Chemists' Society* was publicly available on February 26, 1985, as shown by the library's stamp on the cover. In common practice these stamps are applied at or around the time the volume is entered into the library's collection and the volume is made available to library patrons within a short time thereafter. Attachment 8A also shows that Exhibit 1014 was catalogued with two descriptor terms reading "Oils and fats \$v Periodicals" (see Attachment 1B, Library of Congress subject heading sh2010104290 and "Soap \$v Periodicals" (see Attachment 1C, Library of Congress subject heading sh85123820 and Attachment 1D, Library of Congress subject heading sh85099890) in the 650 fields.

98. As noted in the holdings information (362 field), the Linda Hall Library has received the *Journal of the American Oil Chemists' Society* since 1947 and continues to receive the publication. In view of the MARC record for Exhibit 1014, the Deffense article was publicly available on February 26, 1985, because the serial title had been received, cataloged, and indexed in the Linda Hall Library and made part of its online catalog database.

99. Attached hereto as Attachment 8B is a true and correct copy of the

MARC record for the *Journal of the American Oil Chemists' Society* obtained from the OCLC bibliographic database. As previously noted, the library that created the record is recorded in field 040 with a unique library code. For Attachment 8B, that library code is “NLM,” which means that the MARC record for this serial was cataloged at the National Library of Medicine (Bethesda, Maryland). As can be seen in field 001 in the MARC record for this exhibit, a cataloger at the National Library of Medicine created OCLC record number 1033870 on October 7, 1974, as shown in field 008 (“741007”). The library community continues to update this MARC record and enhanced the MARC record to meet current cataloging rules. The most recent enhancement to Attachment 8B occurred on August 12, 2022, as shown in field 005 (“20220812”). I personally identified and retrieved the MARC record that is Attachment 8B. The “BLvl” entry in Attachment 8B is “s,” which indicates that the *Journal of the American Oil Chemists' Society* is a serial publication. Field 310 of Attachment 8B reads “Monthly.” Accordingly, the MARC record for Exhibit 1014 corresponds to the *Journal of the American Oil Chemists' Society* from the time the serial title adopted the current title and includes the date of the Deffense article.³⁷

100. Attachment 8B includes an entry in field 050 (“TP1 \$b .A644”)—as

³⁷ The publication was originally titled *Oil and Soap* (1932-1946) and adopted the title *Journal of the American Oil Chemists' Society* in January 1947.

described above, a subject matter classification number consistent with the Library of Congress classification system (analogous to the Dewey Decimal classification system), an entry in field 060 (“W1 \$b JO909V”), a subject matter consistent with the National Library of Medicine classification system (analogous to the Dewey Decimal classification system), and an entry in field 082 (“547”), a subject matter consistent with the Dewey Decimal classification system. Attachment 8B further includes seven descriptor terms reading “Oils and fats \$v Periodicals” (see Attachment 1B, Library of Congress subject heading sh2010104290), “Soap[s] \$v Periodicals” (see Attachment 1C, Library of Congress subject heading sh85123820 and Attachment 1D, Library of Congress subject heading sh85099890), “Fatty acids \$v Periodicals” (see Attachment 1E, Library of Congress subject heading sh85000535 and Attachment 1D, Library of Congress subject heading sh85099890), “Food industry and trade \$v Periodicals” (see Attachment 1F, Library of Congress subject heading sh2008103991), “Oils and fats” (see Attachment 1G, Library of Congress subject heading sh85094407), “Soap” (see Attachment 1C, Library of Congress subject heading sh85123820), and “Surface active agents” (see Attachment 1I, Library of Congress subject heading sh85130716) in the 650 fields. Thus, as of its cataloging, the publication corresponding to the MARC record attached hereto as Attachment 8B was indexed according to its subject matter by virtue of at least four independently sufficient

classifications: the field 050 entry, the field 060 entry, the field 082 entry, and the field 650 entries. As of October 7, 1974, the MARC record attached hereto as Attachment 8B was accessible through any library with access to the OCLC bibliographic database or the online catalog at a library that subscribed to the serial, which means that the corresponding publication was publicly available on or before that same date through any library with access to the OCLC bibliographic database or through an individual library.

101. Attachment 8B indicates that the *Journal of the American Oil Chemists' Society* as cataloged at the National Library of Medicine is currently available from 1,277 libraries.³⁸ In view of the above, this issue of the *Journal of the American Oil Chemists' Society* was publicly available on February 26, 1985, because by that date it had been cataloged and indexed at the National Library of Medicine, made part of the OCLC bibliographic database, and received at the Linda Hall Library. For these reasons, it is my opinion that Exhibit 1014 was published and accessible to the public on February 26, 1985.

I. Idris, Nor Aini, and Noor Lida Habi Mat Dian. "Interesterified Palm Products as Alternatives to Hydrogenation." *Asia Pacific Journal of Clinical Nutrition*, vol. 14, no. 4 (2005): 396-400. ("Idris 2005") [Exhibit 1015]

102. Attached hereto as Exhibit 1015 is a copy of the journal article titled

³⁸ <https://search.worldcat.org/title/1033870>

“Interesterified Palm Products as Alternatives to Hydrogenation” by Nor Aini Idris and Noor Lida Habi Mat Dian (hereafter “Idris 2005”). The Idris 2005 article was published in Volume 14, Number 4 of the *Asia Pacific Journal of Clinical Nutrition* and was found in the National Library of Medicine (Bethesda, Maryland). The Idris 2005 article appears beginning on page 396 of this issue dated 2005. Exhibit 1015 is a true and correct copy of the Idris 2005 article (pages 396-400). Specifically, the text of the article is complete; no pages are missing, and the text on each page appears to flow seamlessly from one page to the next; further, there are no visible alterations to the document. The Idris 2005 article is also available from the publisher.³⁹ Exhibit 1015 was found within the custody of a library – a place where an authentic copy of this journal would likely be. Exhibit 1015 is a true and correct copy in a condition that creates no suspicion about its authenticity.

103. Attached hereto as Attachment 9A is a true and correct copy of the MARC record for the *Asia Pacific Journal of Clinical Nutrition* from the National Library of Medicine online catalog. The library continues to update this MARC record and enhanced the MARC record to meet current cataloging rules. The most recent enhancement to Attachment 9A occurred on May 29, 2024, as shown in field 005 (“20240529”). I personally identified and retrieved the MARC record that is Attachment 9A.

³⁹ <https://apjcn.nhri.org.tw/issue/2005-4/>

104. Based on finding a print copy of Exhibit 1015 in the National Library of Medicine and MARC record in its online library catalog attached as Attachment 9A, it is my opinion that the Idris 2005 article published in the *Asia Pacific Journal of Clinical Nutrition* was publicly available by December 31, 2005. Attachment 9A also shows that Exhibit 1015 was catalogued with two descriptor terms reading “Nutritional Disorders” (see Attachment 9B, National Library of Medicine subject heading D009748” and “Nutritional Physiological Phenomena” (see Attachment 9C, National Library of Medicine subject heading D009747) in the 650 fields.

105. As noted in the holdings information (362 field), the National Library of Medicine has received the *Asia Pacific Journal of Clinical Nutrition* since 1992 and continues to receive the publication. In view of the MARC record for Exhibit 1015, the Idris 2005 article was publicly available by December 31, 2005, because the serial title had been received, cataloged, and indexed in the National Library of Medicine and made part of its online catalog database.

106. Attached hereto as Attachment 9D is a true and correct copy of the MARC record for the *Asia Pacific Journal of Clinical Nutrition* obtained from the OCLC bibliographic database. As previously noted, the library that created the record is recorded in field 040 with a unique library code. For Attachment 9D, that library code is “NLM,” which means that the MARC record for this serial was

cataloged at the National Library of Medicine (Bethesda, Maryland). As can be seen in field 001 in the MARC record for this exhibit, a cataloger at the National Library of Medicine created OCLC record number 32145432 on March 14, 1995, as shown in field 008 (“950314”). The library community continues to update this MARC record and enhanced the MARC record to meet current cataloging rules. The most recent enhancement to Attachment 9D occurred on April 28, 2021, as shown in field 005 (“20210428”). I personally identified and retrieved the MARC record that is Attachment 9D. The “BLvl” entry in Attachment 9D is “s,” which indicates that the *Asia Pacific Journal of Clinical Nutrition* is a serial publication. Field 310 of Attachment 9D reads “Six times a year, \$b <2017-.” Field 321 indicates that the publication was issued four times a year when the Idris 2005 article was published. Accordingly, the MARC record for Exhibit 1015 corresponds to the *Asia Pacific Journal of Clinical Nutrition* from the time the serial title began publication and includes the date of the Idris 2005 article.

107. Attachment 9D includes an entry in field 050 (“QP141.A1 \$b A74”)—as described above, a subject matter classification number consistent with the Library of Congress classification system (analogous to the Dewey Decimal classification system) and an entry in field 060 (“W1 \$b AS139BG”), a subject matter consistent with the National Library of Medicine classification system (analogous to the Dewey Decimal classification system). Attachment 9D further

includes five descriptor terms reading “Nutrition \$v Periodicals” (see Attachment 9E, Library of Congress subject heading sh2008108541 and Attachment 1D, Library of Congress subject heading sh98059890), “Diet \$v Periodicals” (see Attachment 9F, Library of Congress subject heading sh2009123354), “Nutrition disorders \$v Periodicals” (see Attachment 9G, Library of Congress subject heading sh85093469 and Attachment 1D, Library of Congress subject heading sh85099890), “Nutritional Disorders \$v periodicals” (see Attachment 9B, National Library of Medicine subject heading D009748” and “Nutritional Physiological Phenomena” (see Attachment 9C, National Library of Medicine subject heading D009747) in the 650 fields. Thus, as of its cataloging, the publication corresponding to the MARC record attached hereto as Attachment 9D was indexed according to its subject matter by virtue of at least four independently sufficient classifications: the field 050 entry, the field 060 entry, the field 082 entry, and the field 650 entries. As of March 14, 1995, the MARC record attached hereto as Attachment 9B was accessible through any library with access to the OCLC bibliographic database or the online catalog at a library that subscribed to the serial, which means that the corresponding publication was publicly available on or before that same date through any library with access to the OCLC bibliographic database or through an individual library.

108. Attachment 9B indicates that the *Asia Pacific Journal of Clinical*

Nutrition as cataloged at the National Library of Medicine is currently available from 830 libraries.⁴⁰ In view of the above, this issue of the *Asia Pacific Journal of Clinical Nutrition* was publicly available by December 31, 2005, because by that date it had been received, cataloged, and indexed at the National Library of Medicine and made part of the OCLC bibliographic database. For these reasons, it is my opinion that Exhibit 1015 was published and accessible to the public by December 31, 2005.

J. Mensink, Ronald P., and Martijn B. Katan. “Effect of Dietary Trans Fatty Acids on High-Density and Low-Density Lipoprotein Cholesterol Levels in Healthy Subjects.” *New England Journal of Medicine*, vol. 323, no. 7 (16 August 1990): 439-445. (“Mensink”) [Exhibit 1016]

109. Attached hereto as Exhibit 1016 is a copy of the journal article titled “Effect of Dietary Trans Fatty Acids on High-Density and Low-Density Lipoprotein Cholesterol Levels in Healthy Subjects” by Ronald P. Mensink and Martijn B. Katan (hereafter “Mensink”). The Mensink article was published in Volume 323, Number 7 of the *New England Journal of Medicine* and was found in the Ebling Health Sciences Library at the University of Wisconsin – Madison. The Mensink article appears beginning on page 439 of this issue dated August 15, 1990. Exhibit 1016 is a true and correct copy of the Mensink article (pages 439-445). Specifically, the text of the article is complete; no pages are missing, and the text

⁴⁰ <https://search.worldcat.org/title/32145432>

on each page appears to flow seamlessly from one page to the next; further, there are no visible alterations to the document. The Mensink article is also available from the publisher⁴¹ and through the National Library of Medicine.⁴² Exhibit 1016 was found within the custody of a library – a place where an authentic copy of this journal would likely be. Exhibit 1016 is a true and correct copy in a condition that creates no suspicion about its authenticity.

110. Attached hereto as Attachment 10A is a true and correct copy of the MARC record for the *New England Journal of Medicine* from the Ebling Health Sciences Library at the University of Wisconsin – Madison online catalog. The library continues to update this MARC record and enhanced the MARC record to meet current cataloging rules. The most recent enhancement to Attachment 10A occurred on March 27, 2018, as shown in field 005 (“20180327”). I personally identified and retrieved the MARC record that is Attachment 10A.

111. Based on finding a print copy of Exhibit 1016 in the Ebling Health Sciences Library at the University of Wisconsin – Madison and MARC record in its online library catalog attached as Attachment 10A, it is my opinion that the Mensink article published in the *New England Journal of Medicine* was publicly available on September 1, 1994. Attachment 10A also shows that Exhibit 1016 was

⁴¹ <https://www.nejm.org/doi/full/10.1056/NEJM199008163230703>

⁴² <https://pubmed.ncbi.nlm.nih.gov/2374566/>

catalogued with two descriptor terms reading “Medicine \$v Periodicals” (see Attachment 10B, Library of Congress subject heading sh2008107665” and “Surgery \$v Periodicals” (see Attachment 10C, Library of Congress subject heading sh2008112392) in the 650 fields.

112. As noted in the holdings information (362 field), the Ebling Health Sciences Library at the University of Wisconsin – Madison has copies of the *New England Journal of Medicine* since 1928 and continues to receive the publication. In view of the MARC record for Exhibit 1016, the Mensink article was publicly available on September 1, 1994, because the serial title had been received, cataloged, and indexed in the Ebling Health Sciences Library at the University of Wisconsin – Madison and made part of its online catalog database.

113. Attached hereto as Attachment 10D is a true and correct copy of the MARC record for the *New England Journal of Medicine* obtained from the OCLC bibliographic database. As previously noted, the library that created the record is recorded in field 040 with a unique library code. For Attachment 10D, that library code is “MUL,” which means that the MARC record for this serial was cataloged as part of the Minnesota Union List of Serials at the University of Minnesota Libraries (Minneapolis, Minnesota). As can be seen in field 001 in the MARC record for this exhibit, a cataloger at the University of Minnesota Libraries created OCLC record number 1587974 on September 1, 1975, as shown in field 008

(“750901”). The library community continues to update this MARC record and enhanced the MARC record to meet current cataloging rules. The most recent enhancement to Attachment 10D occurred on January 23, 2023, as shown in field 005 (“2030123”). I personally identified and retrieved the MARC record that is Attachment 10D. The “BLvl” entry in Attachment 10D is “s,” which indicates that the *New England Journal of Medicine* is a serial publication. Field 310 of Attachment 10D reads “Weekly.” Accordingly, the MARC record for Exhibit 1016 corresponds to the *New England Journal of Medicine* from the time the serial title began publication and includes the date of the Mensink article.

114. Attachment 10D includes an entry in field 050 (“R11 \$b .B7”)—as described above, a subject matter classification number consistent with the Library of Congress classification system (analogous to the Dewey Decimal classification system), an entry in field 060 (“W1 \$b NE388”), a subject matter consistent with the National Library of Medicine classification system (analogous to the Dewey Decimal classification system), and an entry in field 082 (“610/.5”), a subject matter consistent with the Dewey Decimal classification system. Attachment 10D further includes two descriptor terms reading “Medicine \$v Periodicals” (see Attachment 10B, Library of Congress subject heading sh2008107665) and “Surgery \$v Periodicals” (see Attachment 10C, Library of Congress subject heading sh2008112392) in the 650 fields. Thus, as of its cataloging, the publication

corresponding to the MARC record attached hereto as Attachment 10D was indexed according to its subject matter by virtue of at least four independently sufficient classifications: the field 050 entry, the field 060 entry, the field 082 entry, and the field 650 entries. As of September 1, 1975, the MARC record attached hereto as Attachment 10D was accessible through any library with access to the OCLC bibliographic database or the online catalog at a library that subscribed to the serial, which means that the corresponding publication was publicly available on or before that same date through any library with access to the OCLC bibliographic database or through an individual library.

115. Attachment 10D indicates that the *New England Journal of Medicine* as cataloged at the University of Minnesota Libraries is currently available from 3,981 libraries.⁴³ In view of the above, this issue of the *New England Journal of Medicine* was publicly available on September 1, 1994, because by that date it had been cataloged and indexed at the University of Minnesota Libraries, made part of the OCLC bibliographic database, and received in the Ebling Health Sciences Library at the University of Wisconsin – Madison. For these reasons, it is my opinion that Exhibit 1016 was published and accessible to the public on September 1, 1994.

⁴³ <https://search.worldcat.org/title/1587974>

- K. List, G. R., E. A. Emken, W. F. Kwolek, T. D. Simpson, and H. J. Dutton. “Zero *trans*’ Margarines: Preparation, Structure and Properties of Interesterified Soybean Oil-Soy Trisaturate Blends.” *Journal of the American Oil Chemists’ Society*, vol. 54, no. 10 (October 1977): 408-413. (“List”) [Exhibit 1017]**

116. Attached hereto as Exhibit 1017 is a copy of the journal article titled “Zero *trans*’ Margarines: Preparation, Structure and Properties of Interesterified Soybean Oil-Soy Trisaturate Blends” by G. R. List, E. A. Emken, W. F. Kwolek, T. D. Simpson, and H. J. Dutton (hereafter “List”). The List article was published in Volume 54, Number 10 of the *Journal of the American Oil Chemists’ Society* and was found in the Linda Hall Library (Kansas City, Missouri).⁴⁴ The List article appears beginning on page 408 of this issue dated October 1977. Exhibit 1017 is a true and correct copy of the List article (pages 408-413). Specifically, the text of the article is complete; no pages are missing, and the text on each page appears to flow seamlessly from one page to the next; further, there are no visible alterations to the document. The List article is also available from the publisher, the American Oil Chemists’ Society.⁴⁵ Exhibit 1017 was found within the custody of a library – a place where an authentic copy of this journal would likely be. Exhibit 1017 is a true and correct copy in a condition that creates no suspicion about its

⁴⁴ The organization is now known as the Linda Hall Library of Science, Engineering & Technology.

⁴⁵ <https://aocs.onlinelibrary.wiley.com/doi/10.1007/BF02671021>

authenticity.

117. Attached hereto as Attachment 11A is a true and correct copy of the MARC record for the *Journal of the American Oil Chemists' Society* from the Linda Hall Library online catalog. The library continues to update this MARC record and enhanced the MARC record to meet current cataloging rules. The most recent enhancement to Attachment 11A occurred on September 6, 2023, as shown in field 005 ("20230906"). I personally identified and retrieved the MARC record that is Attachment 11A.

118. Based on finding a print copy of Exhibit 1017 in the Linda Hall Library and MARC record in its online library catalog attached as Attachment 11A, it is my opinion that the List article published in the *Journal of the American Oil Chemists' Society* was publicly available on November 3, 1977, as shown by the library's stamp on the cover. In common practice these stamps are applied at or around the time the volume is entered into the library's collection and the volume is made available to library patrons within a short time thereafter. Attachment 11A also shows that Exhibit 1017 was catalogued with two descriptor terms reading "Oils and fats \$v Periodicals" (see Attachment 1B, Library of Congress subject heading sh2010104290 and "Soap \$v Periodicals" (see Attachment 1C, Library of Congress subject heading sh85123820 and Attachment 1D, Library of Congress subject heading sh85099890) in the 650 fields.

119. As noted in the holdings information (362 field), the Linda Hall Library has received the *Journal of the American Oil Chemists' Society* since 1947 and continues to receive the publication. In view of the MARC record for Exhibit 1017, the List article was publicly available on November 3, 1977, because the serial title had been received, cataloged, and indexed in the Linda Hall Library and made part of its online catalog database.

120. Attached hereto as Attachment 11B is a true and correct copy of the MARC record for the *Journal of the American Oil Chemists' Society* obtained from the OCLC bibliographic database. As previously noted, the library that created the record is recorded in field 040 with a unique library code. For Attachment 11B, that library code is "NLM," which means that the MARC record for this serial was cataloged at the National Library of Medicine (Bethesda, Maryland). As can be seen in field 001 in the MARC record for this exhibit, a cataloger at the National Library of Medicine created OCLC record number 1033870 on October 7, 1974, as shown in field 008 ("741007"). The library community continues to update this MARC record and enhanced the MARC record to meet current cataloging rules. The most recent enhancement to Attachment 11B occurred on August 12, 2022, as shown in field 005 ("20220812"). I personally identified and retrieved the MARC record that is Attachment 11B. The "BLvl" entry in Attachment 11B is "s," which indicates that

the *Journal of the American Oil Chemists' Society* is a serial publication. Field 310 of Attachment 11B reads “Monthly.” Accordingly, the MARC record for Exhibit 1017 corresponds to the *Journal of the American Oil Chemists' Society* from the time the serial title adopted the current title and includes the date of the List article.⁴⁶

121. Attachment 11B includes an entry in field 050 (“TP1 \$b .A644”)—as described above, a subject matter classification number consistent with the Library of Congress classification system (analogous to the Dewey Decimal classification system), an entry in field 060 (“W1 \$b JO909V”), a subject matter consistent with the National Library of Medicine classification system (analogous to the Dewey Decimal classification system), and an entry in field 082 (“547”), a subject matter consistent with the Dewey Decimal classification system. Attachment 11B further includes seven descriptor terms reading “Oils and fats \$v Periodicals” (see Attachment 1B, Library of Congress subject heading sh2010104290), “Soap[s] \$v Periodicals” (see Attachment 1C, Library of Congress subject heading sh85123820 and Attachment 1D, Library of Congress subject heading sh85099890), “Fatty acids \$v Periodicals” (see Attachment 1E, Library of Congress subject heading sh85000535 and Attachment 1D, Library of Congress subject heading

⁴⁶ The publication was originally titled *Oil and Soap* (1932-1946) and adopted the title *Journal of the American Oil Chemists' Society* in January 1947.

sh85099890), “Food industry and trade \$v Periodicals” (see Attachment 1F, Library of Congress subject heading sh2008103991), “Oils and fats” (see Attachment 1G, Library of Congress subject heading sh85094407), “Soap” (see Attachment 1C, Library of Congress subject heading sh85123820), and “Surface active agents” (see Attachment 1I, Library of Congress subject heading sh85130716) in the 650 fields. Thus, as of its cataloging, the publication corresponding to the MARC record attached hereto as Attachment 11B was indexed according to its subject matter by virtue of at least four independently sufficient classifications: the field 050 entry, the field 060 entry, the field 082 entry, and the field 650 entries. As of October 7, 1974, the MARC record attached hereto as Attachment 11B was accessible through any library with access to the OCLC bibliographic database or the online catalog at a library that subscribed to the serial, which means that the corresponding publication was publicly available on or before that same date through any library with access to the OCLC bibliographic database or through an individual library.

122. Attachment 11B indicates that the *Journal of the American Oil Chemists’ Society* as cataloged at the National Library of Medicine is currently available from 1,277 libraries.⁴⁷ In view of the above, this issue of the *Journal of the American Oil Chemists’ Society* was publicly available on November 3, 1977,

⁴⁷ <https://search.worldcat.org/title/1033870>

because by that date it had been cataloged and indexed at the National Library of Medicine, made part of the OCLC bibliographic database, and received at the Linda Hall Library. For these reasons, it is my opinion that Exhibit 1017 was published and accessible to the public on November 3, 1977.

L. Bailey, Alton E. *Industrial Oil and Fat Products*. New York: Interscience Publishers, 1945. (“Bailey”) [Exhibit 1018]

123. Attached hereto as Exhibit 1018 is a pair of excerpted pages from the book titled *Industrial Oil and Fat Products* by Alton E. Bailey (hereafter “Bailey”) and issued by Interscience Publishers with a 1945 copyright date. Exhibit 1018 is a true and correct copy of the title page, copyright page, and two tables as held by the University of Wisconsin – Madison Libraries. Table 2 is labelled “The Naturally Occurring Saturated Fatty Acids, Their Molecular Weights, and Certain of Their Calculated Characteristics” and appears on page number 12. Table 4 is labelled “Molecular Weights and Related Characteristics of Unsaturated Fatty Acids” and appears on page number 19. I obtained Exhibit 1018 from the University of Wisconsin – Madison Libraries. The text in Exhibit 1018 is complete; no pages are missing, and the text on each page appears to flow seamlessly from one page to the next; further, there are no visible alterations to the document. Exhibit 1018 is a true and correct copy in a condition that creates no suspicion about its authenticity.

124. Attached hereto as Attachment 12A is a true and correct copy of the

MARC record for this book from the University of Wisconsin – Madison Libraries online catalog. Library ownership is indicated by the presence of the library’s code (“GZMA”) in the 049 field. The library continues to update this MARC record and enhanced the MARC record to meet current cataloging rules. The most recent enhancement to the MARC record occurred on April 15, 2002, as shown in field 005 (“20020415”). I personally identified and retrieved the library catalog record which is Attachment 12A.

125. Exhibit 1018 is the same book as the one that the cataloger at the University of Wisconsin – Madison Libraries used to create the MARC record that is Attachment 12A. Therefore, the book titled *Industrial Oil and Fat Products* (Exhibit 1018) was present and cataloged in the University of Wisconsin – Madison Libraries on February 17, 1983. It would have been able to be located by a person of ordinary skill in the art using the library catalog system and was thus publicly accessible as of this date.

126. Attached hereto as Attachment 12B is a true and correct copy of the MARC record for the book titled *Industrial Oil and Fat Products* obtained from the OCLC bibliographic database. I personally identified and retrieved the MARC record that is Attachment 12B. As previously noted, the library that created the record is recorded in field 040 with a unique library code. For Attachment 12B, that library code is “MNU,” which means that the MARC record for this book was

created at the University of Minnesota Libraries (Minneapolis, Minnesota). As can be seen in the “Entered” field in the MARC record for this exhibit, a cataloger at the University of Minnesota Libraries created OCLC record number 10441547 on February 17, 1983, as shown in field 008 (“830217”). The library community continues to update and enhance this MARC record to meet current cataloging rules. The most recent enhancement to Attachment 12B occurred on February 2, 2024, as shown in field 005 (“20240202”). I personally identified and retrieved the MARC record that is Attachment 12B.

127. Attachment 12B further includes an entry in field 050 (“TP670 \$b .B28”)—as described above, this includes a subject matter classification number consistent with the Library of Congress classification system (analogous to the Dewey Decimal classification system) and an entry in field 082 (“660”), a subject matter consistent with the Dewey Decimal classification system. Attachment 12B further includes a descriptor term reading “Oils and fats” (see Attachment 1G, Library of Congress subject heading sh85094407) in the 650 field. Thus, as of its cataloging, the publication corresponding to the MARC record attached hereto as Attachment 12B was indexed according to its subject matter by virtue of at least three independently sufficient classifications: the field 050 entry, the field 082 entry, and the field 650 entry. Further, as of February 17, 1983, the MARC record attached hereto as Attachment 12B was accessible through any library with access

to the OCLC bibliographic database or the online catalog at a library that added this book to its collection, which means that the corresponding publication was publicly available on or before that same date through any library with access to the OCLC bibliographic database or through an individual library.

128. WorldCat indicates that the Bailey book as cataloged at the University of Minnesota Libraries is currently available from 648 libraries.⁴⁸ In view of above, the Bailey monograph was publicly available on February 17, 1983, because by that date it had been cataloged and indexed at the University of Minnesota Libraries, made part of the OCLC bibliographic database, and received in the University of Wisconsin – Madison Libraries. For these reasons, it is my opinion that Exhibit 1018 was published and accessible to the public on February 17, 1983.

M. *CRC Handbook of Chemistry and Physics*. 95th ed. Boca Raton, FL: CRC Press, c2014. (“CRC”) [Exhibit 1019]

129. Attached hereto as Exhibit 1019 is a pair of excerpted pages from the book titled *CRC Handbook of Chemistry and Physics*, 95th edition, (hereafter “CRC”) and issued by CRC Press with a 2014 copyright date. Exhibit 1019 is a true and correct copy of the title page, copyright page, and two pages as held by the University of Wisconsin – Madison Libraries. The pages are titled “Physical Constants of Organic Compounds” and “Physical Constants of Inorganic

⁴⁸ <https://search.worldcat.org/title/10441547>

Compounds” and appear on page numbers 3-284 and 4-98, respectively. I obtained Exhibit 1019 from the University of Wisconsin – Madison Libraries. The text in Exhibit 1019 is complete; no pages are missing, and the text on each page appears to flow seamlessly from one page to the next; further, there are no visible alterations to the document. Exhibit 1019 is a true and correct copy in a condition that creates no suspicion about its authenticity.

130. Attached hereto as Attachment 13A is a true and correct copy of the MARC record for this book from the University of Wisconsin – Madison Libraries online catalog. The CRC book is cataloged as a monographic serial, which means that it is a continuous publication that is issued on a predictable schedule (annual as shown in field 310). Library ownership is indicated by the presence of the library’s code (“GZMA”) in the 049 field. The library continues to update this MARC record and enhanced the MARC record to meet current cataloging rules. The most recent enhancement to the MARC record occurred on June 27, 2019, as shown in field 005 (“2019627”). I personally identified and retrieved the library catalog record which is Attachment 13A.

131. Exhibit 1019 is the same book as the one that the cataloger at the University of Wisconsin – Madison Libraries used to create the MARC record that is Attachment 13A. Therefore, the book titled *CRC Handbook of Chemistry and Physics*, 95th edition (Exhibit 1019) was present and cataloged in the University of

Wisconsin – Madison Libraries.

132. Attached hereto as Attachment 13B is a true and correct copy of the MARC record for the book titled *CRC Handbook of Chemistry and Physics*, 95th edition, obtained from the OCLC bibliographic database. I personally identified and retrieved the MARC record that is Attachment 13B. As previously noted, the library that created the record is recorded in field 040 with a unique library code. For Attachment 13B, that library code is “DLC,” which means that the MARC record for this book was created at the Library of Congress. As can be seen in the “Entered” field in the MARC record for this exhibit, a cataloger at the Library of Congress created OCLC record number 3208084 on August 22, 1977, as shown infield 008 (“770822”). The library community continues to update and enhance this MARC record to meet current cataloging rules. The most recent enhancement to Attachment 13B occurred on March 8, 2024, as shown in field 005 (“20240308”). I personally identified and retrieved the MARC record that is Attachment 13B.

133. Attachment 13B further includes an entry in field 050 (“QD65 \$b .H3”)—as described above, this includes a subject matter classification number consistent with the Library of Congress classification system (analogous to the Dewey Decimal classification system) and an entry in field 082 (“540/.2/02”), a subject matter consistent with the Dewey Decimal classification system.

Attachment 13B further includes two descriptor terms reading “Chemistry \$v Tables \$v Periodicals” (see Attachment 13C, Library of Congress subject heading sh85022986, Attachment 13D, Library of Congress subject heading sh85131810, and Attachment 1D, Library of Congress subject heading sh85099890) and “Physics \$v Tables \$v Periodicals” (see Attachment 13E, Library of Congress subject heading sh85101653, Attachment 13D, Library of Congress subject heading sh85131810, and Attachment 1D, Library of Congress subject heading sh85099890) in the 650 fields. Thus, as of its cataloging, the publication corresponding to the MARC record attached hereto as Attachment 13B was indexed according to its subject matter by virtue of at least three independently sufficient classifications: the field 050 entry, the field 082 entry, and the field 650 entries. Further, as of August 22, 1977, the MARC record attached hereto as Attachment 13B was accessible through any library with access to the OCLC bibliographic database or the online catalog at a library that added this book to its collection, which means that the corresponding publication was publicly available on or before that same date through any library with access to the OCLC bibliographic database or through an individual library.

134. Further supporting my opinion that Exhibit 1019 was publicly accessible to ordinarily skilled and interested researchers in the field is the fact that the book *CRC Handbook of Chemistry and Physics*, 95th edition, was registered

with the U. S. Copyright Office as item TX0007934964 on July 25, 2014 and indicated a publication date of July 21, 2014 (see Attachment 13F, U. S. Copyright Office Public Catalog). As noted above, this would have provided a POSITA with keyword searching capabilities and other tools to locate this book.

135. WorldCat indicates that the CRC book as cataloged at the Library of Congress is currently available from 2,634 libraries.⁴⁹ In view of above, the CRC monograph was publicly available on July 21, 2014, because by that date it had been cataloged and indexed at the Library of Congress, made part of the OCLC bibliographic database, and received in the University of Wisconsin – Madison Libraries. For these reasons, it is my opinion that Exhibit 1019 was published and accessible to the public on July 21, 2014.

N. American Oil Chemists' Society. *Calculated Iodine Value. AOCS Recommended Practice Cd 1c-85*. Urbana, IL: American Oil Chemists' Society, 2009. ("AOCS") [Exhibit 1020]

136. Attached hereto as Exhibit 1020 is an excerpted page from the loose-leaf book titled *Official Methods and Recommended Practices of the AOCS* (hereafter "AOCS") and issued by the American Oil Chemists' Society with a 2009 copyright date. A loose-leaf publication is regularly updated with the addition of new pages and replacements or updates. Exhibit 1020 is a true and correct copy of *AOCS Recommended Practice Cd 1c-85*, "Calculated Iodine Value" which was

⁴⁹ <https://search.worldcat.org/title/3208084>

reapproved in 2009 and publicly available by December 31, 2009. The document was updated in 2022. I obtained Exhibit 1020 from counsel. The AOCS document is available for purchase from the American Oil Chemists' Society website.⁵⁰ The text in Exhibit 1020 is complete; no pages are missing, and the text on each page appears to flow seamlessly from one page to the next; further, there are no visible alterations to the document. Exhibit 1020 is a true and correct copy in a condition that creates no suspicion about its authenticity.

137. Attached hereto as Attachment 14A is a true and correct copy of the MARC record for the loose-leaf book titled *Official Methods and Recommended Practices of the AOCS* obtained from the OCLC bibliographic database. I personally identified and retrieved the MARC record that is Attachment 14A. As previously noted, the library that created the record is recorded in field 040 with a unique library code. For Attachment 14A, that library code is "OSU," which means that the MARC record for this book was created at The Ohio State University Libraries (Columbus, Ohio). As can be seen in the "Entered" field in the MARC record for this exhibit, a cataloger at The Ohio State University Libraries created OCLC record number 39120017 on May 14, 1998, as shown infield 008 ("980514"). The library community continues to update and enhance

⁵⁰ <https://myaccount.aocs.org/PersonifyEbusiness/Store/Product-Details/productId/111532>

this MARC record to meet current cataloging rules. The most recent enhancement to Attachment 14A occurred on February 2, 2024, as shown in field 005 (“20240202”). I personally identified and retrieved the MARC record that is Attachment 14A.

138. Attachment 14A further includes an entry in field 050 (“TP671 \$b .A5 1998”)—as described above, this includes a subject matter classification number consistent with the Library of Congress classification system (analogous to the Dewey Decimal classification system) and an entry in field 082 (“543 \$b Am35o, 1998”), a subject matter consistent with the Dewey Decimal classification system. Attachment 14A further includes two descriptor terms reading “Oils and fats” (see Attachment 1G, Library of Congress subject heading sh85094407) and “Oils and fats \$x Analysis” (see Attachment 14B, Library of Congress subject heading sh85094408) in the 650 fields. Thus, as of its cataloging, the publication corresponding to the MARC record attached hereto as Attachment 14A was indexed according to its subject matter by virtue of at least three independently sufficient classifications: the field 050 entry, the field 082 entry, and the field 650 entries. Further, as of May 14, 1998, the MARC record attached hereto as Attachment 14A was accessible through any library with access to the OCLC bibliographic database or the online catalog at a library that added this loose-leaf book to its collection, which means that the corresponding publication was

publicly available on or before that same date through any library with access to the OCLC bibliographic database or through an individual library.

139. WorldCat indicates that the AOCS book as cataloged at The Ohio State University Libraries is currently available from 113 libraries.⁵¹ In view of above, the AOCS monograph was publicly available on May 14, 1998, because by that date it had been received, cataloged, and indexed at The Ohio State University Libraries and made part of the OCLC bibliographic database. For these reasons, it is my opinion that Exhibit 1020 was published and accessible to the public by December 31, 2009.

VI. SUMMARY OF OPINIONS

140. In view of the foregoing, it is my opinion that the publications described above were publicly available no later than the corresponding date listed in the table below:

Exhibit	Publication	Publicly Available On or After
1007	Petrauskaite, V., W. De Greyt, M. Kellens, and A. Huyghebaert. "Physical and Chemical Properties of Trans-Free Fats Produced by Chemical Interesterification of Vegetable Oil Blends." <i>Journal of the American Oil Chemists' Society</i> , vol. 75, no. 4 (April 1998): 489-493.	April 30, 1998

⁵¹ <https://search.worldcat.org/title/39120017>

Exhibit	Publication	Publicly Available On or After
1008	Hustedt, H. H. "Interesterification of Edible Oils." <i>Journal of the American Oil Chemists' Society</i> , vol. 53, no. 6, Part2 (June 1976): 390-392.	June 29, 1976
1009	Idris, Nor Aini, Kurt G. Berger, and Augustine S. H. Ong. "Evaluation of Shortenings Based on Various Palm Oil Products" <i>Journal of the Science of Food and Agriculture</i> , vol. 46, no. 4 (January 1989): 481-493.	March 9, 1989
1010	Sreenivasan, B. "Interesterification of Fats." <i>Journal of the American Oil Chemists' Society</i> , vol. 55, no. 11 (November 1978): 796-805.	November 16, 1978
1011	Neff, W. E., M. A. El-Agaimy, and T. L. Mounts. "Oxidative Stability of Blends and Interesterified Blends of Soybean Oil and Palm Olein." <i>Journal of the American Oil Chemists' Society</i> , vol. 71, no. 10 (October 1994): 1111-1116.	October 19, 1994
1012	Gunstone, Frank D., John L. Harwood, and Fred B. Padley. <i>The Lipid Handbook</i> . 2nd ed. London: Chapman & Hall, © 1994.	August 9, 1994
1013	Kalenuik, Ron. <i>Simply Delicious Cooking 2</i> . Scarborough, Ontario, Canada: Magnanimity House Publishers, ©1994.	May 31, 1995
1014	Deffense, E. "Fractionation of Palm Oil." <i>Journal of the American Oil Chemists' Society</i> , vol. 62, no. 2 (February 1985): 376-385.	February 26, 1985
1015	Idris, Nor Aini, and Noor Lida Habi Mat Dian. "Interesterified Palm Products as Alternatives to Hydrogenation." <i>Asia Pacific Journal of Clinical Nutrition</i> , vol. 14, no. 4 (2005): 396-401.	December 31, 2005
1016	Mensink, Ronald P., and Matijn B. Katan. "Effect of Dietary Trans Fatty Acids on High-Density and Low-Density Lipoprotein Cholesterol Levels in Healthy Subjects." <i>New England Journal of Medicine</i> , vol. 323, no. 7 (16 August 1990): 439-445.	September 1, 1994

Exhibit	Publication	Publicly Available On or After
1017	List, G. R., E. A. Emken, W. F. Kwolek, T. D. Simpson, and H. J. Dutton. "Zero Trans Margarines: Preparation, Structure and Properties of Interesterified Soybean Oil-Soy Trisaturate Blends." <i>Journal of the American Oil Chemists' Society</i> , vol. 54, no. 10 (October 1977): 408-413.	November 3, 1977
1018	Bailey, Alton E. <i>Industrial Oil and Fat Products</i> . New York: Interscience Publishers, 1945.	February 17, 1983
1019	<i>CRC Handbook of Chemistry and Physics</i> . 95th ed. Boca Raton, FL: CRC Press, c2014.	July 21, 2014
1020	American Oil Chemists' Society. <i>Calculated Iodine Value</i> . AOCS Recommended Practice Cd 1c-85. Urbana, IL: American Oil Chemists' Society, 2009.	December 31, 2009

141. In signing this Declaration, I recognize that the Declaration will be filed as evidence in a case before the Patent Trial and Appeal Board of the United States Patent and Trademark Office. I also recognize that I may be subject to cross-examination in the case and that cross-examination will take place within the United States. If cross-examination is required of me, I will appear for cross-examination within the United States during the time allotted for cross-examination.

142. I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code.

Date: June 18, 2024


Sylvia D. Hall-Ellis, Ph.D.

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 538 ##\$aMode of access: World Wide Web.
 580 ##\$aBeginning in 1990, the news section of the Journal is
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 588 ##\$aDescription based on: Vol. 24, no. 6 (June 1947);
 title from contents screen (SpringerLink, viewed Apr. 12, 2007).

588 ##\$aLatest issue consulted: Volume 99, issue 2 (February
 2022) (Wiley Online Library, viewed Mar. 9, 2022).
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 650 #0\$aFatty acids \$vPeriodicals.
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450 __ |a Magazines

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550 __ |w g |a Mass media

550 __ |w g |a Serial publications

550 __ |a Newspapers

550 __ |a Press

670 __ |a UMI business vocab. |b (Journals)

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450 __ |a Oil

550 __ |a Lubrication and lubricants

550 __ |a Rendering industry

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681 __ |i Notes under |a Fat; Oil industries

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650 0 Food industry and trade **\$v Periodicals.**
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222 #0$aJournal of the American Oil Chemists' Society
245 00$aJournal of the American Oil Chemists' Society.
246 30$aJAOCs $fJan. 1980-
260 ##$aChampaign, IL. : $bJohn Wiley & Sons Inc.
300 ##$av. $bill., ports. $c29 cm.
310 ##$aMonthly
362 0#$av. 24- 1947-
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510 2#$aPESTDOC,
510 2#$aWorld surface coatings abstracts, $x0043-9088

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510 2#\$aWorld textile abstracts, \$x0043-9118
510 0#\$aIndex medicus, \$x0019-3879
555 ##\$aIndex: 1917-52 (includes index to earlier titles); 30-
39(1953-62) bd w/40; 40-54(1963-77)
580 ##\$aBeginning in 1990, the news section of the Journal is
published separately with title: INFORM : International news on
fats, oils, and related materials.
650 #0\$aOils and fats \$vPeriodicals.
650 #0\$aSoap \$vPeriodicals.
710 2#\$aAmerican Oil Chemists' Society.
780 00\$tOil & soap \$x0095-9510
850 ##\$aAAP \$aAU \$aArU \$aAzTeS \$aCSt \$aCU-A \$aCU-RivA \$aCU-S
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936 ##\$aUnknown \$aSept. 1986 (surrogate)
945 ##\$aAmerican oil chemists' society. Journal.
948 ##\$aLTI 11/10/2017

ATTACHMENT 2B

Bibliographic Record - OCLC Number: 1033870

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005	20220812193715.4	
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	Date2/Ending Date of Publication	'9999'
	Place of Publication, Production, or Execution Code	'ilu' - Illinois
	Frequency	'm' - Monthly
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210 0 J. Am. Oil Chem. Soc.
222 0 Journal of the American Oil Chemists' Society
245 0 4 The journal of the American Oil Chemists' Society.
246 1 3 JAOCS **\$f Jan. 1980-**
260 Champaign, IL : **\$b American Oil Chemists' Society, \$c [1947]-**
300 volumes : **\$b illustrations, portraits ; \$c 29 cm**
310 Monthly
336 text **\$b txt \$2 rdacontent**
337 unmediated **\$b n \$2 rdamedia**
338 volume **\$b nc \$2 rdacarrier**
362 0 Vol. 24, no. 1 (Jan. 1947)-
500 Title from cover.
510 2 Chemical abstracts **\$x 0009-2258 \$b 1980-**
580 Beginning in 1990, the news section of the Journal is published separately with title: In
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650 0 Oils and fats **\$v Periodicals.**
650 0 Soap **\$v Periodicals.**
650 0 Fatty acids **\$v Periodicals.**
650 0 Food industry and trade **\$v Periodicals.**
650 0 Oils and fats.

650 0 Soap.
 650 0 Surface active agents.
 650 2 Fats
 650 2 Fatty Acids
 650 2 Food-Processing Industry
 650 2 Soaps
 650 2 Surface-Active Agents
 650 6 Huiles et graisses \$v Périodiques.
 650 6 Acides gras \$v Périodiques.
 650 6 Aliments \$x Industrie et commerce \$v Périodiques.
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 650 7 surface active agent. \$2 aat
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856 4 1 \$u [http://onlinelibrary.wiley.com/journal/10.1002/\(ISSN\)1558-9331](http://onlinelibrary.wiley.com/journal/10.1002/(ISSN)1558-9331)

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 130 0#\$aJournal of the science of food and agriculture (Online)
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 245 10\$aJournal of the science of food and agriculture
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 260 ##\$aChichester ; \$aNew York, NY : \$bPublished for SCI by John
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 310 ##\$aMonthly, plus 3 additional issues in Jan., May, and Sept,
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 321 ##\$aMonthly, \$b<1996>-1998
 362 1#\$aPrint began with vol. 1 in Jan. 1950.
 530 ##\$aAlso available in print
 538 ##\$aMode of access: World Wide Web.
 550 ##\$aIssued by: Society of Chemical Industry (Great Britain).
 588 ##\$aDescription based on: Vol. 71, issue 1 (Jan. 1996); title
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 588 ##\$aLatest issue consulted: Vol. 85, no. 15 (Dec. 2005);
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 593 ##\$fAgricola CAT
 650 #0\$aFood \$vPeriodicals.
 650 #0\$aAgriculture \$vPeriodicals.
 655 #0\$aElectronic journals.
 710 2#\$aSociety of Chemical Industry (Great Britain)
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 710 2#\$aWiley Online Library All Journals
 776 08\$iPrint version: \$tJournal of the science of food and
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856 40\$zFull text available from Wiley Online Library All
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975 ##\$aIND

976 ##\$aWest Sussex : John Wiley & Sons Limited.

978 ##\$a8/96 lal.

978 ##\$a520 Journal

ATTACHMENT 3B

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LC control no.: sh2008103974

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HEADING: Food Periodicals

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670 __ |a Work cat.: Journal of agrarian change, c2001-

906 __ |t 8888 |u te00 |v 0

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Washington, DC 20540**Library of Congress Authorities**URL: <http://authorities.loc.gov/>**Library of Congress Online Catalog**URL: <https://catalog.loc.gov/>Questions, comments, error reports: [Contact Us](#)

ATTACHMENT 3D

Bibliographic Record - OCLC Number: 1782672

LDR	Record Status	'c' - Corrected or revised
	Type of Record	'a' - Language material
	Bibliographic Level	's' - Serial
	Type of Control	' ' - No specified type of control
	Encoding Level	' ' - Full level
	Descriptive Cataloging Form	' ' - Non-ISBD
001	1782672	
005	20200403145613.2	
008	Date Entered on File	'740606'
	Type of Date/Publication Status	'c' - Continuing resource currently published
	Date1/Beginning Date of Publication	'1950'
	Date2/Ending Date of Publication	'9999'
	Place of Publication, Production, or Execution Code	'enk' - England
	Frequency	'm' - Monthly
	Regularity	'n' - Normalized irregular
	Type of Continuing Resource	'p' - Periodical
	Form of Original Item	' ' - None of the following
	Form of Item	' ' - None of the following
	Nature of Entire Work	'a' - Abstracts/summaries, other than its own
	Nature of Contents	'i' -
	Government Publication	' ' - Not a government publication
	Conference Publication	'0' - Not a conference publication
	Original Alphabet or Script of Title	'a' - Basic Roman
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210 0 J. sci. food agric. \$b (Print)

222 0 Journal of the science of food and agriculture \$b (Print)

245 0 0 Journal of the science of food and agriculture.

260 [London] \$b Blackwell Scientific Publ.

300 volumes \$b illustrations, diagrams \$c 29 cm

310 Monthly, (additional issues in Jan., May, and Sept.), \$b <May 2004->

336 text \$b txt \$2 rdacontent

337 unmediated \$b n \$2 rdamedia

338 volume \$b nc \$2 rdacarrier

362 0 v. 1- Jan. 1950-
 500 Published: Chichester, West Sussex, John Wiley & Sons, Ltd., <2005->
 510 2 Chemical abstracts \$x 0009-2258
 520 Issues for <Jan. 1954-> include special section called: Abstracts.
 520 Includes index, to Abstracts, 1966.
 550 Published for the Society of Chemical Industry.
 650 0 Food \$v Periodicals.
 650 0 Agriculture \$v Periodicals.
 650 2 Agriculture.
 650 2 Food.
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246 30$aJAOCs $fJan. 1980-
260 ##$aChampaign, IL. : $bJohn Wiley & Sons Inc.
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310 ##$aMonthly
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510 2#$aBibliography of agriculture, $x0006-1530
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510 2#$aChemical abstracts, $x0009-2258 $b1980-
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510 0#\$aIndex medicus, \$x0019-3879
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39(1953-62) bd w/40; 40-54(1963-77)
580 ##\$aBeginning in 1990, the news section of the Journal is
published separately with title: INFORM : International news on
fats, oils, and related materials.
650 #0\$aOils and fats \$vPeriodicals.
650 #0\$aSoap \$vPeriodicals.
710 2#\$aAmerican Oil Chemists' Society.
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936 ##\$aUnknown \$aSept. 1986 (surrogate)
945 ##\$aAmerican oil chemists' society. Journal.
948 ##\$aLTI 11/10/2017

ATTACHMENT 4B

Bibliographic Record - OCLC Number: 1033870

LDR	Record Status	'c' - Corrected or revised
	Type of Record	'a' - Language material
	Bibliographic Level	's' - Serial
	Type of Control	' ' - No specified type of control
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005	20220812193715.4	
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	Date2/Ending Date of Publication	'9999'
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	Frequency	'm' - Monthly
	Regularity	'r' - Regular
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	Conference Publication	'0' - Not a conference publication
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210 0 J. Am. Oil Chem. Soc.
222 0 Journal of the American Oil Chemists' Society
245 0 4 The journal of the American Oil Chemists' Society.
246 1 3 JAOCS **\$f** Jan. 1980-
260 Champaign, IL : **\$b** American Oil Chemists' Society, **\$c** [1947]-
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310 Monthly
336 text **\$b** txt **\$2** rdacontent
337 unmediated **\$b** n **\$2** rdamedia
338 volume **\$b** nc **\$2** rdacarrier
362 0 Vol. 24, no. 1 (Jan. 1947)-
500 Title from cover.
510 2 Chemical abstracts **\$x** 0009-2258 **\$b** 1980-
580 Beginning in 1990, the news section of the Journal is published separately with title: In
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650 0 Oils and fats **\$v** Periodicals.
650 0 Soap **\$v** Periodicals.
650 0 Fatty acids **\$v** Periodicals.
650 0 Food industry and trade **\$v** Periodicals.
650 0 Oils and fats.

650 0 Soap.
 650 0 Surface active agents.
 650 2 Fats
 650 2 Fatty Acids
 650 2 Food-Processing Industry
 650 2 Soaps
 650 2 Surface-Active Agents
 650 6 Huiles et graisses \$v Périodiques.
 650 6 Acides gras \$v Périodiques.
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 650 6 Savon \$v Périodiques.
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 650 6 Savon.
 650 6 Surfactants.
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856 4 1 \$u [http://onlinelibrary.wiley.com/journal/10.1002/\(ISSN\)1558-9331](http://onlinelibrary.wiley.com/journal/10.1002/(ISSN)1558-9331)

856 4 1 \$u <http://www.springerlink.com/content/1558-9331/>

856 4 1 \$u <http://www.springerlink.com/openurl.asp?genre=journal&issn=1558-9331>

ATTACHMENT 5A

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245 00$aJournal of the American Oil Chemists' Society.
246 30$aJAOCs $fJan. 1980-
260 ##$aChampaign, IL. : $bJohn Wiley & Sons Inc.
300 ##$av. $bill., ports. $c29 cm.
310 ##$aMonthly
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510 2#$aBiological abstracts, $x0006-3169 $b1988-
510 2#$aChemical abstracts, $x0009-2258 $b1980-
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510 2#\$aWorld textile abstracts, \$x0043-9118
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555 ##\$aIndex: 1917-52 (includes index to earlier titles); 30-39(1953-62) bd w/40; 40-54(1963-77)
580 ##\$aBeginning in 1990, the news section of the Journal is published separately with title: INFORM : International news on fats, oils, and related materials.
650 #0\$aOils and fats \$vPeriodicals.
650 #0\$aSoap \$vPeriodicals.
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936 ##\$aUnknown \$aSept. 1986 (surrogate)
945 ##\$aAmerican oil chemists' society. Journal.
948 ##\$aLTI 11/10/2017

ATTACHMENT 5B

Bibliographic Record - OCLC Number: 1033870

LDR	Record Status	'c' - Corrected or revised
	Type of Record	'a' - Language material
	Bibliographic Level	's' - Serial
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001	1033870	
005	20220812193715.4	
008	Date Entered on File	'741007'
	Type of Date/Publication Status	'c' - Continuing resource currently published
	Date1/Beginning Date of Publication	'1947'
	Date2/Ending Date of Publication	'9999'
	Place of Publication, Production, or Execution Code	'ilu' - Illinois
	Frequency	'm' - Monthly
	Regularity	'r' - Regular
	Type of Continuing Resource	'p' - Periodical
	Form of Original Item	' ' - None of the following
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	Nature of Entire Work	' ' - No specified nature of entire work
	Nature of Contents	' '
	Government Publication	' ' - Not a government publication
	Conference Publication	'0' - Not a conference publication
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	Entry Convention	'0' - Successive entry
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210 0 J. Am. Oil Chem. Soc.
222 0 Journal of the American Oil Chemists' Society
245 0 4 The journal of the American Oil Chemists' Society.
246 1 3 JAOCS **\$f** Jan. 1980-
260 Champaign, IL : **\$b** American Oil Chemists' Society, **\$c** [1947]-
300 volumes : **\$b** illustrations, portraits ; **\$c** 29 cm
310 Monthly
336 text **\$b** txt **\$2** rdacontent
337 unmediated **\$b** n **\$2** rdamedia
338 volume **\$b** nc **\$2** rdacarrier
362 0 Vol. 24, no. 1 (Jan. 1947)-
500 Title from cover.
510 2 Chemical abstracts **\$x** 0009-2258 **\$b** 1980-
580 Beginning in 1990, the news section of the Journal is published separately with title: In
 ternational news on fats, oils, and related materials.
650 0 Oils and fats **\$v** Periodicals.
650 0 Soap **\$v** Periodicals.
650 0 Fatty acids **\$v** Periodicals.
650 0 Food industry and trade **\$v** Periodicals.
650 0 Oils and fats.

650 0 Soap.
 650 0 Surface active agents.
 650 2 Fats
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 650 6 Huiles et graisses \$v Périodiques.
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 710 2 American Oil Chemists' Society.
 776 0 8 \$i Online version: \$t Journal of the American Oil Chemists' Society (Online) \$x 1558-9331 \$w (DLC) 2005214793 \$w (OCOLC)58970016
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M \$a MiD \$a MnU \$a N \$a NIC \$a NNE \$a NSyU \$a NcD \$a NcRS \$a NjMuA \$
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856 4 1 \$u [http://onlinelibrary.wiley.com/journal/10.1002/\(ISSN\)1558-9331](http://onlinelibrary.wiley.com/journal/10.1002/(ISSN)1558-9331)

856 4 1 \$u <http://www.springerlink.com/content/1558-9331/>

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ATTACHMENT 6A

MARC Bibliographic Record

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082         04    $a524.19247$220

090         $aQP751$b.L547 1994

245         04    $aThe Lipid handbook /$cFrank D. Gunstone, John L. Harwood,
                Fred B. Padley ; with sections contributed by an international
                team of lipid researchers.

250         $aSecond edition.

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- 264 1 \$aLondon ;\$aNew York :\$bChapman & Hall,\$c1994.
- 300 \$axiii, 722 pages, 551 pages :\$billustrations ;\$c29 cm
- 336 \$atext\$btxt\$2rdacontent
- 337 \$aunmediated\$bn\$2rdamedia
- 338 \$avolume\$bnc\$2rdacarrier
- 504 \$aIncludes bibliographical references and indexes.
- 505 0 \$aFatty acid structure / F.D. Gunstone -- Lipid structure / J.L. Harwood -- Occurrence and characteristics of oils and fats / F.B. Padley, F.D. Gunstone, J.L. Harwood -- Separation and isolation procedures / F.D. Gunstone, M. Kates, J.L. Harwood -- Processing of fats and oils / F.V.K. Young ... [et al.] -- Analytical methods / P.W. Hendrikse, J.L. Harwood, M. Kates -- Synthesis / F.D. Gunstone, J.L. Harwood -- Physical properties: structural and physical characteristics / K. Larson, P.J. Quinn -- Physical properties: optical and spectral characteristics / D. Chapman, F.M. Goni, F.D. Gunstone -- Chemical properties / F.D. Gunstone -- Lipid metabolism / J.L. Harwood -- Medical and agricultural aspects of lipids / J.L. Harwood ... [et al.].
- 650 0 \$aLipids\$vHandbooks, manuals, etc.
- 650 0 \$aLipids\$vDictionaries.
- 650 0 \$aLipids\$xDatabases.
- 700 1 \$aGunstone, F. D.
- 700 1 \$aHarwood, John L.
- 700 1 \$aPadley, F. B.\$q(Fred B.),\$d1936-
- 959 \$aON RESERVE

997

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ATTACHMENT 6B

Bibliographic Record - OCLC Number: 30959498

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	Type of Control	' ' - No specified type of control
	Encoding Level	' ' - Full level
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001	30959498	
005	20240210061653.1	
008	Date Entered on File	'940817'
	Type of Date/Publication Status	's' - Single date
	Date1/Beginning Date of Publication	'1994'
	Date2/Ending Date of Publication	' '
	Place of Publication, Production, or Execution Code	'enk' - England
	Illustrations	'a' -
	Target Audience	' ' - Unknown or unspecified
	Form of Item	' ' - None of the following
	Nature of Contents Code	'bf' -
	Government Publication	' ' - Not a government publication
	Conference Publication	'0' - Not a conference publication
	Festschrift	'0' - Not a festschrift
	Index	'1' - Index present
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 084 CHE 840b \$2 stub

245 0 4 The Lipid handbook / \$c edited by Frank D. Gunstone, John L. Harwood, Fred B. Padley.
 250 2nd ed.
 260 London ; \$a New York : \$b Chapman and Hall, \$c 1994.
 300 xiii, 722, 551 pages : \$b illustrations ; \$c 29 cm
 336 text \$b txt \$2 rdacontent
 337 unmediated \$b n \$2 rdamedia
 338 volume \$b nc \$2 rdacarrier
 504 Includes bibliographical references and index.

505 0 Fatty acid structure / F.D. Gunstone -- Lipid structure / J.L. Harwood -- Occurrence and characteristics of oils and fats / F.B. Padley, F.D. Gunstone, J.L. Harwood -- Separation and isolation procedures / F.D. Gunstone, M. Kates, J.L. Harwood -- Processing of fats and oils / F.V.K. Young [and others] -- Analytical methods / P.W. Hendrikse, J.L. Harwood, M. Kates -- Synthesis / F.D. Gunstone, J.L. Harwood -- Physical properties: structural and physical characteristics / K. Larson, P.J. Quinn -- Physical properties: optical and spectral characteristics / D. Chapman, F.M. Goni, F.D. Gunstone -- Chemical properties / F.D. Gunstone -- Lipid metabolism / J.L. Harwood -- Medical and agricultural aspects of lipids / J.L. Harwood [and others].

520 The new edition of The Lipid Handbook covers all aspects of the occurrence, isolation, chemical identification and technological applications of this large and vital class of natural products. The principal part of the book is an authoritative monograph which is an essential resource for all lipid chemists and biochemists working within academic, in

dustrial or governmental organizations. It is accompanied by a reference section taken from the Chapman & Hall Chemical Database which gives physical properties and literature references for over 3000 lipids and their derivatives providing chemists with instant access to qualitative as well as quantitative information on lipids, saving them both time and money.

- 650 0 Lipids \$v Handbooks, manuals, etc.
- 650 0 Lipids.
- 650 2 Lipids
- 650 6 Lipides \$x Guides, manuels, etc.
- 650 6 Lipides.
- 650 6 Lipides \$v Guides, manuels, etc.
- 650 7 lipid. \$2 aat
- 650 7 Lipids. \$2 fast \$0 (OCoLC)fst00999367
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- 650 7 Ester \$2 gnd
- 650 7 Wörterbuch \$2 gnd
- 650 1 7 Lipiden. \$2 gtt
- 650 1 7 Wetenschappelijke technieken. \$2 gtt
- 655 2 Handbook
- 655 4 Aufsatzsammlung.
- 655 7 manuals (instructional materials) \$2 aat
- 655 7 handbooks. \$2 aat
- 655 7 Handbooks and manuals. \$2 fast \$0 (OCoLC)fst01423877
- 655 7 Handbooks and manuals. \$2 lcgft
- 655 7 Guides et manuels. \$2 rvmgf
- 700 1 Gunstone, F. D.
- 700 1 Harwood, John L.
- 700 1 Padley, F. B. \$q (Fred B.), \$d 1936- \$1 <https://id.oclc.org/worldcat/entity/E39PCjFYQTK9qVt4P4PmBB7HQ3>
- 758 \$i has work: \$a The Lipid handbook (Text) \$1 <https://id.oclc.org/worldcat/entity/E39PCGFmDbbgY9D7VDpwYBPJ6q> \$4 <https://id.oclc.org/worldcat/ontology/hasWork>
- 856 4 1 \$3 Table of contents \$u http://bvbr.bib-bvb.de:8991/F?func=service&doc_library=BVB01&doc_number=009353795&line_number=0001&func_code=DB_RECORDS&service_type=MEDIA

- 856 4 1 \$3 Table of contents \$u http://bvbr.bib-bvb.de:8991/F?func=service&doc_library=BVB01&local_base=BVB01&doc_number=009353795&line_number=0001&func_code=DB_RECORDS&service_type=MEDIA
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LC control no.: sh 85077296

LCCN Permalink: <https://lcn.loc.gov/sh85077296>

HEADING: Lipids

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001 4727980

005 20120326102117.0

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040 __ |a DLC |c DLC |d DLC

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053 _0 |a TP453.L56 |c Food processing

150 __ |a Lipids

450 __ |a Lipides

450 __ |a Lipins

450 __ |a Lipoids

550 __ |w g |a Biomolecules

550 __ |a Steroids

906 __ |t 8742 |u fk03 |v 0

953 __ |a xx00 |b ta25

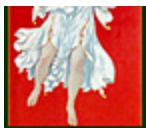
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LIBRARY OF CONGRESS AUTHORITIES

[Help](#)[New Search](#)[Search History](#)[Headings List](#)[Start Over](#)< [Previous](#)[Next](#) >[MARC Display](#)[Labelled Display](#)**LC control no.:** sj 96005639**LCCN Permalink:** <https://lcn.loc.gov/sj96005639>**HEADING:** Handbooks, manuals, etc.

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040 __ |a DLC |c DLC |d DLC

150 __ |a Handbooks, manuals, etc.

450 __ |a Handbooks, vade-mecums, etc.

906 __ |t 9699 |u te05 |v 0

952 __ |a ANNOTATED CARD PROGRAM SUBJECT HEADING

953 __ |a xx00

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[Press to SEND EMAIL](#)[Help](#) - [Search](#) - [Search History](#) - [Headings List](#) - [Start Over](#)**Library of Congress**URL: <https://www.loc.gov/>**Mailing Address:**101 Independence Ave,
S.E.
Washington, DC 20540**Library of Congress Authorities**URL: <http://authorities.loc.gov/>**Library of Congress Online Catalog**URL: <https://catalog.loc.gov/>**Questions, comments, error reports:** [Contact Us](#)

ATTACHMENT 7A

Bibliographic Record - OCLC Number: 32575963

LDR	Record Status	'c' - Corrected or revised
	Type of Record	'a' - Language material
	Bibliographic Level	'm' - Monograph/Item
	Type of Control	' ' - No specified type of control
	Encoding Level	' ' - Full level
	Descriptive Cataloging Form	'a' - AACR2
001	32575963	
005	20220818230221.3	
008	Date Entered on File	'950531'
	Type of Date/Publication Status	's' - Single date
	Date1/Beginning Date of Publication	'1994'
	Date2/Ending Date of Publication	' '
	Place of Publication, Production, or Execution Code	'quc' - Quebec
	Illustrations	'a' -
	Target Audience	' ' - Unknown or unspecified
	Form of Item	' ' - None of the following
	Nature of Contents Code	' '
	Government Publication	' ' - Not a government publication
	Conference Publication	'0' - Not a conference publication
	Festschrift	'0' - Not a festschrift
	Index	'1' - Index present
	Literary Form	'0' - Not fiction
	Biography	' ' - No biographical material
	Language Code	'eng' - English
	Modified Record	' ' - Record is not modified
	Cataloging Source Code	'd' - Other
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050 4 TX714 \$b .K36 1994

055 0 1 TX714

082 0 4 641.5 \$2 20

084 ccilicc \$2 lacc

100 1 Kalenuik, Ron.

245 1 0 Simply delicious cooking 2 / \$c Ron Kalenuik ; project coordinator, Dianna Kalenuik ; editor, Lori Koch.

246 3 0 Simply delicious cooking two

260 Scarborough, Ont. : \$b Magnanimity House, \$c ©1994.

300 800 pages : \$b color illustrations ; \$c 29 cm

336 text \$b txt \$2 rdacontent

337 unmediated \$b n \$2 rdamedia

338 volume \$b nc \$2 rdacarrier

500 Includes index.

500 "Exclusive edition for DS-Max."

520 Twenty years of experience brings you this extraordinary 800 page collection of culinary delights.

520 Included are 1,200 kitchen tested recipes with international and regional flair, all written in the exceptionally easy to follow methods of Chef Ron Kalenuik.

520 Simply Delicious cooking 2 offers you over 700 brilliantly full colour photographs by one of the world's top food photographers.

650 0 Cooking.

650 2 Cooking

650 6 Cuisine.

650 7 recipes. \$2 aat

650 7 Cooking. \$2 fast \$0 (OCoLC)fst01754966

655 2 Cookbook

655 4 Cookbooks.

655 7 cookbooks. \$2 aat

655 7 Cookbooks. \$2 fast \$0 (OCoLC)fst01752725

655 7 Cookbooks. \$2 lcgt

655 7 Livres de cuisine. \$2 rvmgf

700 1 Kalenuik, Dianna.

700 1 Koch, Lori.

ATTACHMENT 7B

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[Help](#)[New Search](#)[Search History](#)[Headings List](#)[Start Over](#)[Previous](#)[Next](#)[MARC Display](#)[Labelled Display](#)**LC control no.:** sh2010008400**LCCN Permalink:** <https://lcn.loc.gov/sh2010008400>**HEADING:** Cooking

000 01897cz a2200385n 450

001 8271242

005 20190825061717.0

008 100506i| anannbabn |a ana

010 __ |a sh2010008400 |z sh 85031766 |z sj 96005188

035 __ |a (DLC)8271242

035 __ |a (DLC)sh2010008400

035 __ |a (DLC)467079

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053 _0 |a TX642 |b TX840

150 __ |a Cooking

450 __ |w nne |a Cookery

450 __ |a Cuisine

450 __ |a Food preparation

550 __ |w g |a Food science

550 __ |w g |a Home economics

550 __ |a Cookbooks

550 __ |a Dinners and dining

550 __ |a Food

550 __ |a Gastronomy

550 __ |a Table

680 __ |i Here are entered works about all types of food preparation, including preparation of those foods that do not necessarily need to be heated. Works about collections of recipes are entered under |a Cookbooks. |i Works on cooking in specific places are entered under |a Cooking |i subdivided by the name of the place. Works on national or ethnic cuisines and styles of cooking are entered under headings of the type |a Cooking, American, [Chinese, etc.], |i which may be further subdivided to designate regional styles, e.g. |a Cooking, American--Southern style; Cooking, Chinese--Sichuan style; |i etc. Works on an individual style in a specific locality are entered under two headings, one for the style and one for the locality, e.g. |a 1. Cooking, American--Southern style. 2. Cooking--Georgia--Savannah.

681 __ |i Notes under |a Cookbooks; Formulas, recipes, etc.

906 __ |t 1022 |u tc03 |v 0
910 __ |a Proposal saved by tc03 on 01/30/2019 at 11:05:35
910 __ |a Record saved by td04 on 06/17/2013 at 14:46:34
910 __ |a Record saved by te01 on 09/06/2011 at 08:45:11
910 __ |a Record saved by te01 on 09/06/2011 at 08:44:23
952 __ |a 0 bib. record(s) to be changed
953 __ |a td04 |b td04
906 __ |t 1901 |v 1

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ATTACHMENT 8A

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082 10$a547 $211
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210 0#$aJ. Am. Oil Chem. Soc.
222 #0$aJournal of the American Oil Chemists' Society
245 00$aJournal of the American Oil Chemists' Society.
246 30$aJAOCs $fJan. 1980-
260 ##$aChampaign, IL. : $bJohn Wiley & Sons Inc.
300 ##$av. $bill., ports. $c29 cm.
310 ##$aMonthly
362 0#$av. 24- 1947-
510 1#$aApplied science & technology index, $x0003-6986
510 2#$aAbstract bulletin of the Institute of Paper Chemistry,
$x0020-3033
510 2#$aBibliography of agriculture, $x0006-1530
510 2#$aBiological abstracts, $x0006-3169 $b1988-
510 2#$aChemical abstracts, $x0009-2258 $b1980-
510 2#$aEngineering index monthly (1984), $x0742-1974
510 2#$aInternational aerospace abstracts, $x0020-5842
510 2#$aLife sciences collection,
510 2#$aEnergy information abstracts, $x0147-6521
510 2#$aEnergy research abstracts, $x0160-3604
510 2#$aExcerpta medica,
510 2#$aPredicasts,
510 2#$aPESTDOC,
510 2#$aWorld surface coatings abstracts, $x0043-9088

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510 2#\$aWorld textile abstracts, \$x0043-9118
510 0#\$aIndex medicus, \$x0019-3879
555 ##\$aIndex: 1917-52 (includes index to earlier titles); 30-
39(1953-62) bd w/40; 40-54(1963-77)
580 ##\$aBeginning in 1990, the news section of the Journal is
published separately with title: INFORM : International news on
fats, oils, and related materials.
650 #0\$aOils and fats \$vPeriodicals.
650 #0\$aSoap \$vPeriodicals.
710 2#\$aAmerican Oil Chemists' Society.
780 00\$tOil & soap \$x0095-9510
850 ##\$aAAP \$aAU \$aArU \$aAzTeS \$aCSt \$aCU-A \$aCU-RivA \$aCU-S
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\$aMiD \$aMnU \$aN \$aNIC \$aNNE \$aNSyU \$aNcD \$aNcRS \$aNjMuA \$aNjR \$aOkU
\$aPBL \$aPPi \$aUU \$aVtU
936 ##\$aUnknown \$aSept. 1986 (surrogate)
945 ##\$aAmerican oil chemists' society. Journal.
948 ##\$aLTI 11/10/2017

ATTACHMENT 8B

Bibliographic Record - OCLC Number: 1033870

LDR	Record Status	'c' - Corrected or revised
	Type of Record	'a' - Language material
	Bibliographic Level	's' - Serial
	Type of Control	' ' - No specified type of control
	Encoding Level	' ' - Full level
	Descriptive Cataloging Form	'a' - AACR2
001	1033870	
005	20220812193715.4	
008	Date Entered on File	'741007'
	Type of Date/Publication Status	'c' - Continuing resource currently published
	Date1/Beginning Date of Publication	'1947'
	Date2/Ending Date of Publication	'9999'
	Place of Publication, Production, or Execution Code	'ilu' - Illinois
	Frequency	'm' - Monthly
	Regularity	'r' - Regular
	Type of Continuing Resource	'p' - Periodical
	Form of Original Item	' ' - None of the following
	Form of Item	' ' - None of the following
	Nature of Entire Work	' ' - No specified nature of entire work
	Nature of Contents	' '
	Government Publication	' ' - Not a government publication
	Conference Publication	'0' - Not a conference publication
	Original Alphabet or Script of Title	'a' - Basic Roman
	Entry Convention	'0' - Successive entry
	Language Code	'eng' - English
	Modified Record	' ' - Record is not modified
	Cataloging Source Code	' ' - National bibliographic agency
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070 0 307.8 **\$b J82**
072 0 X500
082 1 0 547 **\$2 11**

210 0 J. Am. Oil Chem. Soc.
222 0 Journal of the American Oil Chemists' Society
245 0 4 The journal of the American Oil Chemists' Society.
246 1 3 JAOCS **\$f Jan. 1980-**
260 Champaign, IL : **\$b American Oil Chemists' Society, \$c [1947]-**
300 volumes : **\$b illustrations, portraits ; \$c 29 cm**
310 Monthly
336 text **\$b txt \$2 rdacontent**
337 unmediated **\$b n \$2 rdamedia**
338 volume **\$b nc \$2 rdacarrier**
362 0 Vol. 24, no. 1 (Jan. 1947)-
500 Title from cover.
510 2 Chemical abstracts **\$x 0009-2258 \$b 1980-**
580 Beginning in 1990, the news section of the Journal is published separately with title: In
 ternational news on fats, oils, and related materials.
650 0 Oils and fats **\$v Periodicals.**
650 0 Soap **\$v Periodicals.**
650 0 Fatty acids **\$v Periodicals.**
650 0 Food industry and trade **\$v Periodicals.**
650 0 Oils and fats.

650 0 Soap.
 650 0 Surface active agents.
 650 2 Fats
 650 2 Fatty Acids
 650 2 Food-Processing Industry
 650 2 Soaps
 650 2 Surface-Active Agents
 650 6 Huiles et graisses \$v Périodiques.
 650 6 Acides gras \$v Périodiques.
 650 6 Aliments \$x Industrie et commerce \$v Périodiques.
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 710 2 American Oil Chemists' Society.
 776 0 8 \$i Online version: \$t Journal of the American Oil Chemists' Society (Online) \$x 1558-9331 \$w (DLC) 2005214793 \$w (OCOLC)58970016
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 850 AAP \$a AU \$a ArU \$a AzTeS \$a CSt \$a CU-A \$a CU-RivA \$a CU-S \$a CU-SB \$a CaAEU \$a CoU \$a DLC \$a DNAL \$a ICRL \$a ICarbS \$a InLP \$a InU \$a KyU-

M \$a MiD \$a MnU \$a N \$a NIC \$a NNE \$a NSyU \$a NcD \$a NcRS \$a NjMuA \$
a NjR \$a OkU \$a PBL \$a PPi \$a UU \$a VtU

856 4 1 \$u [http://onlinelibrary.wiley.com/journal/10.1002/\(ISSN\)1558-9331](http://onlinelibrary.wiley.com/journal/10.1002/(ISSN)1558-9331)

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ATTACHMENT 9A

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007 co|cg#|||||||
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060 00$aWl $bAS139BG
210 10$aAsia Pac J Clin Nutr $2DNLM
245 00$aAsia Pacific journal of clinical nutrition.
260 ##$aLondon, UK : $bPublished for the Asia Pacific Clinical
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300 ##$av. : $bill.
310 ##$aFour no. a year
336 ##$atext $btxt $2rdacontent
337 ##$aunmediated $bn $2rdamedia
338 ##$avolume $bnc $2rdacarrier
362 1#$aBegan in 1992.
500 ##$aDescription based on: Vol. 2, no. 2 (June 1993); title
from cover.
500 ##$aPlace of publication varies.
500 ##$aPrint issues ceased with 2022.
510 1#$91 $aMEDLINE $bv10n1, 2001-
510 1#$91 $aPubMed $bv10n1, 2001-
510 1#$aIndex medicus
510 0#$aPMC
525 ##$aSupplements accompany some v.
525 ##$aSome supplements only issued online or CD-ROM.
530 ##$aAlso issued online.
546 ##$aArticles in English with summaries in English and
Chinese; some have summaries in Japanese and various other
languages.
550 ##$aOrgan of the Australasian Clinical Nutrition Society;
sponsored by the International Union of Nutritional Sciences.
650 #2$aNutrition Disorders
650 #2$aNutritional Physiological Phenomena
655 #2$aPeriodical
710 2#$aAsia Pacific Clinical Nutrition Society.
710 2#$aAustralasian Clinical Nutrition Society.
710 2#$aInternational Union of Nutritional Sciences.

```

780 05\$aNutrition Society of Australia. Conference. \$tProceedings
of the Nutrition Society of Australia \$g2001 \$x0314-1004
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911 ##\$aElectronic only, print ceased 2022. Confirmed 20221212
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998 ##\$aFER \$b20160212
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035 ##\$a(OCOLC)32145432

ATTACHMENT 9B

Nutrition Disorders MeSH Descriptor Data 2024

[Details](#)[Qualifiers](#)[MeSH Tree Structures](#)[Concepts](#)**MeSH Heading**

Nutrition Disorders

Tree Number(s)

C18.654

Unique ID

D009748

RDF Unique Identifier

<http://id.nlm.nih.gov/mesh/D009748>

Annotation

differentiate from DEFICIENCY DISEASES (results from deficient intake) & METABOLIC DISEASES

Scope Note

Disorders caused by nutritional imbalance, either overnutrition or undernutrition.

Entry Version

NUTRITION DIS

Entry Term(s)

Nutritional Disorders

See Also

Feeding Behavior

Public MeSH Note

MALNUTRITION was see under DEFICIENCY DISEASES 1963-66

Online Note

use DEFICIENCY DISEASES to search MALNUTRITION 1966

History Note

MALNUTRITION was see under DEFICIENCY DISEASES 1963-66

Date Established

1960/01/01

Date of Entry

1999/01/01

Revision Date

2003/07/09

page delivered in 0.161s

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ATTACHMENT 9C

Nutritional Physiological Phenomena MeSH Descriptor

Data 2024

[Details](#)[Qualifiers](#)[MeSH Tree Structures](#)[Concepts](#)**MeSH Heading**

Nutritional Physiological Phenomena

Tree Number(s)

G07.203.650

Unique ID

D009747

RDF Unique Identifier

<http://id.nlm.nih.gov/mesh/D009747>

Annotation

general or unspecified; prefer specifics; NUTRIENTS (see FOOD) and DIET are also available; use NUTRITIONAL SCIENCES for clinical nutrition as a specialty; use NUTRITION THERAPY or specifics for nutritional intervention

Scope Note

The processes and properties of living organisms by which they take in and balance the use of nutritive materials for energy, heat production, or building material for the growth, maintenance, or repair of tissues and the nutritive properties of FOOD.

Entry Term(s)

Nutrition Phenomena

Nutrition Physiological Concepts

Nutrition Physiological Phenomena

Nutrition Physiological Phenomenon

Nutrition Physiology

Nutrition Process

Nutrition Processes

Nutritional Phenomena

Nutritional Physiological Phenomenon

Nutritional Physiology

Nutritional Physiology Concepts

Nutritional Physiology Phenomena

Nutritional Physiology Phenomenon

Nutritional Process

Nutritional Processes

See Also

Diet

Digestive System Physiological Phenomena

Food

Nutritional and Metabolic Diseases

Public MeSH Note

2009; see NUTRITION PHYSIOLOGY 2007-2008, see NUTRITION 1963-2006; for NUTRITION PHENOMENA see NUTRITION PHENOMENA 2007-2008; for NUTRITION PROCESSES see NUTRITION PROCESSES 2007-2016

History Note

2009 (1963)

Date Established

2009/01/01

Date of Entry

1999/01/01

Revision Date

2016/09/28

page delivered in 0.163s

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	Bethesda, MD 20894	HHS Vulnerability Disclosure
NLM Support Center		
Accessibility		
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ATTACHMENT 9D

Bibliographic Record - OCLC Number: 32145432

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 210 0 Asia Pac. j. clin. nutr.
 210 1 0 Asia Pac J Clin Nutr \$2 dnlnm
 222 0 Asia Pacific journal of clinical nutrition
 245 0 0 Asia Pacific journal of clinical nutrition.
 260 London, UK : \$b Published for the Asia Pacific Clinical Nutrition Society by Smith-G
 ordon
 264 2 1 \$3 <2000> -2002: \$a Carlton, Victoria, Australia : \$b Blackwell Science Asia
 264 3 1 \$3 2003- : \$a Melbourne, Victoria, Australia : \$b HEC Press
 300 volumes : \$b illustrations ; \$c 30 cm
 310 Six times a year, \$b <2017- >
 321 Four times a year
 336 text \$b txt \$2 rdacontent
 337 unmediated \$b n \$2 rdamedia
 338 volume \$b nc \$2 rdacarrier
 362 1 Began in 1992. \$z Cf. ISSN compact.
 510 0 Chemical abstracts \$x 0009-2258

525 Supplements accompany some vols.
 525 Some supplements only issued online or on CD-ROM.
 530 Also issued online.
 546 Articles in English with summaries in English and Chinese; some have summaries in Japanese and various other languages.
 550 Issued by the Asia Pacific Clinical Nutrition Society jointly with various organizations and co-sponsors: Organ of the Australasian Clinical Nutrition Society, <v. 2, no. 2 (1993)>-v. 10, no. 2 (2001); Asia Pacific Public Health Nutrition Association, <v. 9, no. 1 (2000)>-v. 10, no. 2 (2001); Nutrition Society of Australia, v. 10, no. 3 (2001); International Union of Nutritional Sciences (IUNS), <2002- >; Nutrition Society of New Zealand (NSNZ), 2002- <2003> ; National Health Research Institutes of Taiwan (NHRI), 2009-2013; First Affiliated Hospital of Zhengzhou University, 2014-2016; Chinese Nutrition Society (CNS), 2017-
 588 Description based on: Vol. 2, no. 2 (June 1993); title from cover.
 588 Latest issue consulted: Volume 28, Number 1 (2019).
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 650 0 Nutrition disorders \$v Periodicals.
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 650 2 Nutrition Disorders.
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 653 1 Humans \$a Therapy \$a Diet
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 710 2 Australasian Clinical Nutrition Society.
 710 2 Asia Pacific Public Health Nutrition Association.
 710 2 Nutrition Society of Australia.
 710 2 Nutrition Society of New Zealand.
 710 2 International Union of Nutritional Sciences.
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 780 0 5 Nutrition Society of Australia. Conference. \$t Proceedings of the Nutrition Society of Australia \$g 2001 \$x 0314-1004 \$w (DLC)sn 85006253 \$w (OCoLC)4815902
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- 856 4 1 \$u <http://firstsearch.oclc.org> \$z Address for accessing the journal using authorization number and password through OCLC FirstSearch Electronic Collections Online
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- 856 4 1 \$u <http://www.blackwell-synergy.com/loi/ajc>
- 856 4 1 \$u <http://apjcn.nhri.org.tw/server/APJCN/abstracts.php>

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530 \$aBeginning with 1993 available online by subscription via the World Wide Web.

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588		\$aLatest issue consulted: Vol. 364, no. 19 (May 12, 2011) (publisher's Web site, viewed May 18,
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	Date1/Beginning Date of Publication	'1928'
	Date2/Ending Date of Publication	'9999'
	Place of Publication, Production, or Execution Code	'mau' - Massachusetts
	Frequency	'w' - Weekly
	Regularity	'r' - Regular
	Type of Continuing Resource	'p' - Periodical
	Form of Original Item	' ' - None of the following
	Form of Item	' ' - None of the following
	Nature of Entire Work	' ' - No specified nature of entire work
	Nature of Contents	' '
	Government Publication	' ' - Not a government publication
	Conference Publication	'0' - Not a conference publication
	Original Alphabet or Script of Title	'a' - Basic Roman
	Entry Convention	'0' - Successive entry
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d OCLCO **\$d** OVY **\$d** OCLCO **\$d** OCLCQ **\$d** OCLCO **\$d** ZR1 **\$d** PRB **\$d** DOS **\$**
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- 012 3 **\$b** 3 **\$e** s **\$j** 1 **\$k** 1 **\$m** 1
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- 030 NEJMAG
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- 037 **\$b** 1172 Commonwealth Ave., Boston, MA 02134
- 042 nsdp **\$a** pcc
- 050 0 0 R11 **\$b** .B7
- 060 0 0 W1 **\$b** NE388
- 082 0 4 610/.5 **\$2** 19
- 210 0 N. Engl. j. med. **\$b** (Print)
- 222 4 The New England journal of medicine **\$b** (Print)
- 245 0 4 The New England journal of medicine.
- 246 1 **\$i** Commonly known as: **\$a** NEJM
- 260 Boston : **\$b** Massachusetts Medical Society.
- 300 volumes : **\$b** illustrations ; **\$c** 29 cm
- 310 Weekly
- 336 text **\$b** txt **\$2** rdacontent
- 337 unmediated **\$b** n **\$2** rdamedia
- 338 volume **\$b** nc **\$2** rdacarrier
- 362 0 V. 198- Feb. 23, 1928-
- 510 2 Chemical abstracts **\$x** 0009-2258
- 530 Beginning with 1993 available online by subscription via the World Wide Web.
- 555 Vols. 269-278, 1963-69. 1 v.; v. 279-288, 1968-73. 1 v.; v. 306-315, 1982-86. 1 v.
- 650 0 Medicine **\$v** Periodicals.

650 0 Surgery \$v Periodicals.
 650 2 Medicine
 650 3 medicine.
 650 6 Médecine \$v Périodiques.
 650 6 Chirurgie \$v Périodiques.
 650 7 Hebdomadaires. \$2 eclas
 650 7 Médecine. \$2 eclas
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 650 1 7 Geneeskunde. \$2 gtt
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 655 2 Periodical
 655 4 Fulltext.
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 655 4 Internet Resources.
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 655 7 Periodicals. \$2 fast \$0 (OCoLC)fst01411641
 655 7 Periodicals. \$2 lcgft
 655 7 Periodicals. \$2 rbgenr
 655 7 Périodiques. \$2 rvmgf
 710 2 Massachusetts Medical Society, \$e issuing body.
 770 0 Massachusetts Medical Society. \$t Summary and proceedings of the council meeting \$
 g 1968- \$x 0190-7069 \$w (DLC)sn 79002232 \$w (OCoLC)4705940
 770 0 \$t New England journal of medicine. Abstracts in francais dans le secteur d'annonce
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850 CStclU \$a CaNBSaM \$a CaQMH \$a CtY-L \$a DLC \$a DNAL \$a ICRL \$a IaAS \$a I
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iBlbV \$a ViW

856 4 1 \$u <http://ejournals.ebsco.com/direct.asp?JournalID=102417>

856 4 1 \$u <https://search.ebscohost.com/direct.asp?db=eoah&jid=102417&scope=site>

856 4 1 \$u <http://www.nejm.org/content/index.asp> \$z Username and password required

856 4 2 \$u <http://www.nejm.org/>

ATTACHMENT 11A

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090 ##$aTP670.A1 $bO3
210 0#$aJ. Am. Oil Chem. Soc.
222 #0$aJournal of the American Oil Chemists' Society
245 00$aJournal of the American Oil Chemists' Society.
246 30$aJAOCs $fJan. 1980-
260 ##$aChampaign, IL. : $bJohn Wiley & Sons Inc.
300 ##$av. $bill., ports. $c29 cm.
310 ##$aMonthly
362 0#$av. 24- 1947-
510 1#$aApplied science & technology index, $x0003-6986
510 2#$aAbstract bulletin of the Institute of Paper Chemistry,
$x0020-3033
510 2#$aBibliography of agriculture, $x0006-1530
510 2#$aBiological abstracts, $x0006-3169 $b1988-
510 2#$aChemical abstracts, $x0009-2258 $b1980-
510 2#$aEngineering index monthly (1984), $x0742-1974
510 2#$aInternational aerospace abstracts, $x0020-5842
510 2#$aLife sciences collection,
510 2#$aEnergy information abstracts, $x0147-6521
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510 2#$aWorld surface coatings abstracts, $x0043-9088

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510 2#\$aWorld textile abstracts, \$x0043-9118
510 0#\$aIndex medicus, \$x0019-3879
555 ##\$aIndex: 1917-52 (includes index to earlier titles); 30-39(1953-62) bd w/40; 40-54(1963-77)
580 ##\$aBeginning in 1990, the news section of the Journal is published separately with title: INFORM : International news on fats, oils, and related materials.
650 #0\$aOils and fats \$vPeriodicals.
650 #0\$aSoap \$vPeriodicals.
710 2#\$aAmerican Oil Chemists' Society.
780 00\$tOil & soap \$x0095-9510
850 ##\$aAAP \$aAU \$aArU \$aAzTeS \$aCSt \$aCU-A \$aCU-RivA \$aCU-S \$aCU-SB \$aCaAEU \$aCoU \$aDNAL \$aICRL \$aICarbs \$aInLP \$aInU \$aKyU-M \$aMiD \$aMnU \$aN \$aNIC \$aNNE \$aNSyU \$aNcD \$aNcRS \$aNjMuA \$aNjR \$aOkU \$aPBL \$aPPi \$aUU \$aVtU
936 ##\$aUnknown \$aSept. 1986 (surrogate)
945 ##\$aAmerican oil chemists' society. Journal.
948 ##\$aLTI 11/10/2017

ATTACHMENT 11B

Bibliographic Record - OCLC Number: 1033870

LDR	Record Status	'c' - Corrected or revised
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	Bibliographic Level	's' - Serial
	Type of Control	' ' - No specified type of control
	Encoding Level	' ' - Full level
	Descriptive Cataloging Form	'a' - AACR2
001	1033870	
005	20220812193715.4	
008	Date Entered on File	'741007'
	Type of Date/Publication Status	'c' - Continuing resource currently published
	Date1/Beginning Date of Publication	'1947'
	Date2/Ending Date of Publication	'9999'
	Place of Publication, Production, or Execution Code	'ilu' - Illinois
	Frequency	'm' - Monthly
	Regularity	'r' - Regular
	Type of Continuing Resource	'p' - Periodical
	Form of Original Item	' ' - None of the following
	Form of Item	' ' - None of the following
	Nature of Entire Work	' ' - No specified nature of entire work
	Nature of Contents	' '
	Government Publication	' ' - Not a government publication
	Conference Publication	'0' - Not a conference publication
	Original Alphabet or Script of Title	'a' - Basic Roman
	Entry Convention	'0' - Successive entry
	Language Code	'eng' - English
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	Cataloging Source Code	' ' - National bibliographic agency
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210 0 J. Am. Oil Chem. Soc.
222 0 Journal of the American Oil Chemists' Society
245 0 4 The journal of the American Oil Chemists' Society.
246 1 3 JAOCs **\$f** Jan. 1980-
260 Champaign, IL : **\$b** American Oil Chemists' Society, **\$c** [1947]-
300 volumes : **\$b** illustrations, portraits ; **\$c** 29 cm
310 Monthly
336 text **\$b** txt **\$2** rdacontent
337 unmediated **\$b** n **\$2** rdamedia
338 volume **\$b** nc **\$2** rdacarrier
362 0 Vol. 24, no. 1 (Jan. 1947)-
500 Title from cover.
510 2 Chemical abstracts **\$x** 0009-2258 **\$b** 1980-
580 Beginning in 1990, the news section of the Journal is published separately with title: In
 ternational news on fats, oils, and related materials.
650 0 Oils and fats **\$v** Periodicals.
650 0 Soap **\$v** Periodicals.
650 0 Fatty acids **\$v** Periodicals.
650 0 Food industry and trade **\$v** Periodicals.
650 0 Oils and fats.

650 0 Soap.
 650 0 Surface active agents.
 650 2 Fats
 650 2 Fatty Acids
 650 2 Food-Processing Industry
 650 2 Soaps
 650 2 Surface-Active Agents
 650 6 Huiles et graisses \$v Périodiques.
 650 6 Acides gras \$v Périodiques.
 650 6 Aliments \$x Industrie et commerce \$v Périodiques.
 650 6 Savon \$v Périodiques.
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 650 6 Savon.
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 650 7 surface active agent. \$2 aat
 650 7 35.68 organic compounds: other. \$0 (NL-LeOCL)077596099 \$2 bcl
 650 7 Surface active agents. \$2 fast \$0 (OCOLC)fst01139197
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 650 7 Soap. \$2 fast \$0 (OCOLC)fst01122068
 650 1 7 Oliën. \$2 gtt
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 655 7 Periodicals. \$2 lcgft \$0 <http://id.loc.gov/authorities/genreForms/gf2014026139> \$0 (uri)
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 658 Chemistry Serials.
 710 2 American Oil Chemists' Society.
 776 0 8 \$i Online version: \$t Journal of the American Oil Chemists' Society (Online) \$x 1558-9331 \$w (DLC) 2005214793 \$w (OCOLC)58970016
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 850 AAP \$a AU \$a ArU \$a AzTeS \$a CSt \$a CU-A \$a CU-RivA \$a CU-S \$a CU-SB \$a CaAEU \$a CoU \$a DLC \$a DNAL \$a ICRL \$a ICarbS \$a InLP \$a InU \$a KyU-

M \$a MiD \$a MnU \$a N \$a NIC \$a NNE \$a NSyU \$a NcD \$a NcRS \$a NjMuA \$
a NjR \$a OkU \$a PBL \$a PPi \$a UU \$a VtU

856 4 1 \$u [http://onlinelibrary.wiley.com/journal/10.1002/\(ISSN\)1558-9331](http://onlinelibrary.wiley.com/journal/10.1002/(ISSN)1558-9331)

856 4 1 \$u <http://www.springerlink.com/content/1558-9331/>

856 4 1 \$u <http://www.springerlink.com/openurl.asp?genre=journal&issn=1558-9331>

ATTACHMENT 12A

MARC Bibliographic Record

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245	10	\$a Industrial oil and fat products / \$c Alton E. Bailey.
246	18	\$a Oil and fat products
264	_1	\$a New York : \$b Interscience Publishers, \$c [1945]

264	<u>4</u>	\$c@1945
300		\$ax, 735 pages :\$billustrations, charts, photographs ;\$c24 cm
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337		\$aunmediated\$bnc\$2rdamedia
338		\$avolume\$bnc\$2rdacarrier
500		\$aIncludes advertising material.
504		\$aIncludes bibliographical references and index.
650	<u>0</u>	\$aOils and fats.
650	<u>0</u>	\$aOils and fats, Edible.
650	<u>0</u>	\$aOils and fats\$xIndustrial applications.
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650	<u>0</u>	\$aOil industries.
650	<u>0</u>	\$aChemistry, Technical.
994		\$aX0\$bGZM
997		\$aMARCIVE

MMS IDs

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Network Electronic IDs:

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ATTACHMENT 12B

Bibliographic Record - OCLC Number: 10441547

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	Descriptive Cataloging Form	'a' - AACR2
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005	20240202180208.2	
008	Date Entered on File	'830217'
	Type of Date/Publication Status	's' - Single date
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	Date2/Ending Date of Publication	' '
	Place of Publication, Production, or Execution Code	'nyu' - New York
	Illustrations	'a '
	Target Audience	' ' - Unknown or unspecified
	Form of Item	' ' - None of the following
	Nature of Contents Code	'b '
	Government Publication	' ' - Not a government publication
	Conference Publication	'0' - Not a conference publication
	Festschrift	'0' - Not a festschrift
	Index	'1' - Index present
	Literary Form	'0' - Not fiction
	Biography	' ' - No biographical material
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	Modified Record	' ' - Record is not modified
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050 0 4 TP670 \$b .B28
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072 0 X600
072 0 X700
082 0 660

100 1 Bailey, Alton Edward, \$d 1907-1953.
245 1 0 Industrial oil and fat products / \$c Alton E. Bailey.
246 3 Oil and fat products
260 New York : \$b Interscience Publishers, \$c 1945.
300 x, 735 pages : \$b illustrations ; \$c 24 cm
336 text \$b txt \$2 rdacontent
337 unmediated \$b n \$2 rdamedia
338 volume \$b nc \$2 rdacarrier
500 Spine title: Oil and fat products.
504 Includes bibliographical references and index.
650 0 Oils and fats.
650 6 Huiles et graisses.
650 7 Oils and fats. \$2 fast \$0 (OCoLC)fst01044996
653 0 0 oils
653 0 0 vetten
653 0 0 fats
653 0 0 wassen (waxes)
653 0 0 waxes
653 0 0 hechtmiddelen
653 0 0 adhesives
653 0 0 harsen
653 0 0 resins
653 0 0 gommen
653 0 0 gums
653 1 0 Polymer Chemistry
653 1 0 Polymeerchemie
758 \$i has work: \$a Industrial oil and fat products (Text) \$1 <https://id.oclc.org/worldcat/entity/E39PCG4B9dBXwYFqXWjgqDytyq> \$4 <https://id.oclc.org/worldcat/ontology/hasWork>
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ATTACHMENT 13A

MARC Bibliographic Record

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049 \$aGZMA

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060 0_ \$aQD 65 H236

082 00 \$a540/.2/02\$219

222 _0 \$aCRC handbook of chemistry and physics

245 00 \$aCRC handbook of chemistry and physics.

246 2_ \$aChemical Rubber Company handbook of chemistry and physics

246 13 \$aHandbook of chemistry and physics

260 \$aCleveland, Ohio :\$bCRC Press,\$c1977-

300 \$avolumes :\$billustrations ;\$c26 cm

310 \$aAnnual

336 \$atext\$btxt\$2rdacontent

337 \$aunmediated\$bnc\$2rdamedia

338 \$avolume\$bnc\$2rdacarrier

362 0_ \$a58th ed. (1977-1978)-

500 \$a"A ready-reference book of chemical and physical data."

530 \$aLatest ed. available also online via the World Wide Web.

530 \$aAvailable also on CD-ROM.

650 _0 \$aChemistry\$vTables\$vPeriodicals.

650 _0 \$aPhysics\$vTables\$vPeriodicals.

650 _2 \$aChemistry\$vtables.

650 _2 \$aPhysics\$vtables.

710 2_ \$aChemical Rubber Company.

776 1_ \$tCRC handbook of chemistry and physics (CD-ROM)\$x1098-4178\$w(DLC)\$n 98002006\$w(OCOLC)38583976

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588 0_ \$a2nd electronic ed. in 1999; title from product list (Knovel, viewed March 19, 2002).

588 1_ \$a85th ed. (2004/2005) (CRC Press, viewed February 9, 2005).

650 _0 \$aPhysics\$vTables\$vPeriodicals.

650	_0	\$aChemistry\$Tables\$Periodicals.
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	Bibliographic Level	's' - Serial
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	Encoding Level	' ' - Full level
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005	20240308145318.9	
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	Type of Date/Publication Status	'c' - Continuing resource currently published
	Date1/Beginning Date of Publication	'1978'
	Date2/Ending Date of Publication	'9999'
	Place of Publication, Production, or Execution Code	'flu' - Florida
	Frequency	'a' - Annual
	Regularity	'r' - Regular
	Type of Continuing Resource	' ' - None of the following
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	Form of Item	' ' - None of the following
	Nature of Entire Work	't' - Technical reports
	Nature of Contents	' '
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222 0 CRC handbook of chemistry and physics

245 0 0 CRC handbook of chemistry and physics.

246 3 Chemical Rubber Company handbook of chemistry and physics

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260 Cleveland, Ohio : \$b CRC Press, \$c ©1977-

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310 Annual

336 text \$b txt \$2 rdacontent

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362 0 58th ed. (1977-1978)-

530 Also issued on CD-ROM, and latest ed. available also online via the World Wide Web
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530 Also issued online.

588 1 85th ed. (2004/2005).

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650 6 Chimie \$v Tables.

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Nation of First Publication: United States

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	Bibliographic Level	'i' - Integrating resource
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	Encoding Level	' ' - Full level
	Descriptive Cataloging Form	'a' - AACR2
001	39120017	
005	20240202180208.2	
008	Date Entered on File	'980514'
	Type of Date/Publication Status	'c' - Continuing resource currently published
	Date1/Beginning Date of Publication	'1998'
	Date2/Ending Date of Publication	'9999'
	Place of Publication, Production, or Execution Code	'ilu' - Illinois
	Frequency	'u' - Unknown
	Regularity	'u' - Unknown
	Type of Continuing Resource	'1' - Updating loose-leaf
	Form of Original Item	' ' - None of the following
	Form of Item	' ' - None of the following
	Nature of Entire Work	' ' - No specified nature of entire work
	Nature of Contents	' '
	Government Publication	' ' - Not a government publication
	Conference Publication	'0' - Not a conference publication
	Original Alphabet or Script of Title	' ' - No alphabet or script given/no key title
	Entry Convention	'2' - Integrated entry
	Language Code	'eng' - English
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	Cataloging Source Code	'd' - Other
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	Specific Material Designation (t)	'a' - Regular print
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 050 1 4 TP671 \$b .A5 1998
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 082 0 4 543 \$b Am35o, 1998 \$2 21
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110 2 American Oil Chemists' Society.
 245 1 0 Official methods and recommended practices of the AOCS.
 246 3 Official methods and recommended practices of the American Oil Chemists' Society
 250 5th ed.
 260 Champaign, Ill. : \$b American Oil Chemists' Society, \$c ©1998-
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