

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent of: E. EDDIE BAKHASH
U.S. Patent No.: 8,881,048 Attorney Docket No. 50095-0108IP1
Issue Date: November 4, 2014
Appl. Serial No.: 12/751,879
Filing Date: March 31, 2010
Title: SYSTEM AND METHOD FOR PROVIDING THREE-
DIMENSIONAL GRAPHICAL USER INTERFACE

DECLARATION OF JUNE ANN MUNFORD

1. My name is June Ann Munford. I am over the age of 18, have personal knowledge of the facts set forth herein, and am competent to testify to the same.

2. I earned a Master of Library and Information Science (MLIS) from the University of Wisconsin-Milwaukee in 2009. I have over ten years of experience in the library/information science field. Beginning in 2004, I have served in various positions in the public library sector including Assistant Librarian, Youth Services Librarian and Library Director. I have attached my Curriculum Vitae as Appendix CV.

3. During my career in the library profession, I have been responsible for materials acquisition for multiple libraries. In that position, I have cataloged, purchased and processed incoming library works. That includes purchasing materials directly from vendors, recording publishing data from the material in question, creating detailed material records for library catalogs and physically

preparing that material for circulation. In addition to my experience in acquisitions, I was also responsible for analyzing large collections of library materials, tailoring library records for optimal catalog search performance and creating lending agreements between libraries during my time as a Library Director.

4. I am fully familiar with the catalog record creation process in the library sector. In preparing a material for public availability, a library catalog record describing that material would be created. These records are typically written in Machine Readable Catalog (herein referred to as “MARC”) code and contain information such as a physical description of the material, metadata from the material’s publisher, and date of library acquisition. The MARC record has been the standard format for computerized library records since the early 1970s. In particular, the 008 field of the MARC record is reserved for denoting the date of creation of the library record itself. As this typically occurs during the process of preparing materials for public access, it is my experience that an item’s MARC record indicates the date of an item’s public availability. In other words, an interested member of the public would have been able to access a reference at the library soon after its MARC record was created.

5. I am including multiple MARC records for each reference addressed in my declaration because in my experience MARC records are the most detailed records of library ownership, cataloging and circulation. These details include fields

describing title, author and publishers but also more technical, unique designations such as International Standard Book Numbers (ISBN), International Standard Serial Numbers (ISSN) or OCLC Control Numbers (OCN). These numerical codes are registered to creators and right holders to designate specific titles by specific authors. As such, matching the unique details of these MARC records to ISBN, ISSN and/or OCN numbers (i) provides a formal basis for comparison when examining multiple copies of the same material, (ii) provides a rough timeline for that material's availability, and (iii) indicates the publisher's intent to make the material broadly available.

6. Typically, in creating a MARC record, a librarian would gather various bits of metadata such as book title, publisher and subject headings among others and assign each value to a relevant numerical field. For example, a book's physical description is tracked in field 300 while title/attribution is tracked in field 245. The 008 field of the MARC record is reserved for denoting the creation of the library record itself. As this is the only date reflecting the inclusion of said materials within the library's collection, it is my experience that an item's 008 field accurately indicates the date of an item's public availability.

7. I have reviewed Exhibit EX1005, *How the Internet Works* by Preston Gralla, 6th Edition.

8. Attached hereto as Appendix GRALLA01 is a true and correct copy of the MARC record for *How the Internet Works* as held by the SUNY Buffalo State College library. I secured this record myself from the library's public catalog. The MARC record contained within Appendix GRALLA01 accurately describes the title, author, publisher, and ISBN number of *How the Internet Works*, 6th Edition. See EX1005, pp. 1, 5, 7.

9. Attached hereto as Appendix GRALLA02 is a true and correct copy of the MARC record for *How the Internet Works* as held by the Library of Congress. I secured this record myself from the library's public catalog. The MARC record contained within Appendix GRALLA02 accurately describes the title, author, publisher, and ISBN number of *How the Internet Works*, 6th Edition. See EX1005, pp. 1, 5, 7.

10. Attached hereto as Appendix GRALLA03 is a true and correct copy of the MARC record for *How the Internet Works* as held by the University of Wisconsin-Madison library. I secured this record myself from the library's public catalog. The MARC record contained within Appendix GRALLA03 accurately describes the title, author, publisher, and ISBN number of *How the Internet Works*, 6th Edition. See EX1005, pp. 1, 5, 7.

11. All three appendices accurately describe *How the Internet Works*, 6th Edition despite being distinct from one another. In comparing Exhibit EX1005 to

Appendices GRALLA01, GRALLA02 and GRALLA03 it is my determination that Exhibit EX1005 is a true and correct copy of *How the Internet Works*, 6th Edition by Preston Gralla.

12. The 008 field of the MARC record in Appendices GRALLA01, GRALLA02 and GRALLA03 indicates the date of record creation. The 008 field of Appendix GRALLA01 indicates SUNY Buffalo State College library first created the MARC record for this book as of February 15, 2001. The 008 field of Appendix GRALLA02 indicates the Library of Congress first created the MARC record for this book as of February 25, 2001. The 008 field of Appendix GRALLA03 indicates the University of Wisconsin-Madison library first created the MARC record for this book as of August 30, 2001. Considering this information, it is my determination that *How the Internet Works*, 6th Edition was made available to the public around the same time that these MARC records were created in 2001, which coincides with the stated “First Printing” date in EX1005 of “September, 2001.” *See* EX1005, 7. I also note that the 008 field in each of Appendix GRALLA01, Appendix GRALLA02, and Appendix GRALLA03 includes an additional “2002” date, which coincides with the 2002 copyright date stated in EX1005. *See* EX1005, 7. Based on my review of EX1005, Appendix GRALLA01, Appendix GRALLA02, and Appendix GRALLA03, my opinion is that *How the Internet Works*, 6th Edition was made available to the public as early as in 2001 and no later than the end of 2002.

13. I have been retained on behalf of the Petitioner to provide assistance in the above-illustrated matter in establishing the authenticity and public availability of the documents discussed in this declaration. I am being compensated for my services in this matter at the rate of \$100.00 per hour plus reasonable expenses. My statements are objective, and my compensation does not depend on the outcome of this matter.

14. I declare under penalty of perjury that the foregoing is true and correct. 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 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.

Dated: 11/18/2022

A handwritten signature in black ink, appearing to read "June Ann Munford", written in a cursive style.

June Ann Munford

Appendix A

J. Munford
Curriculum Vitae

Education

University of Wisconsin-Milwaukee - MS, Library & Information Science, 2009
Milwaukee, WI

- Coursework included cataloging, metadata, data analysis, library systems, management strategies and collection development.
- Specialized in library advocacy, cataloging and public administration.

Grand Valley State University - BA, English Language & Literature, 2008
Allendale, MI

- Coursework included linguistics, documentation and literary analysis.
- Minor in political science with a focus in local-level economics and government.

Professional Experience

Researcher / Expert Witness, October 2017 – present
Freelance ● Pittsburgh, Pennsylvania & Grand Rapids, Michigan

- Material authentication and public accessibility determination. Declarations of authenticity and/or public accessibility provided upon research completion. Experienced with appeals and deposition process.
- Research provided on topics of public library operations, material publication history, digital database services and legacy web resources.
- Past clients include Alston & Bird, Arnold & Porter, Baker Botts, Fish & Richardson, Erise IP, Irell & Manella, O'Melveny & Myers, Perkins-Coie, Pillsbury Winthrop Shaw Pittman and Slayden Grubert Beard.

Library Director, February 2013 - March 2015
Dowagiac District Library ● Dowagiac, Michigan

- Executive administrator of the Dowagiac District Library. Located in

Southwest Michigan, this library has a service area of 13,000, an annual operating budget of over \$400,000 and total assets of approximately \$1,300,000.

- Developed careful budgeting guidelines to produce a 15% surplus during the 2013-2014 & 2014-2015 fiscal years while being audited.
- Using this budget surplus, oversaw significant library investments including the purchase of property for a future building site, demolition of existing buildings and building renovation projects on the current facility.
- Led the organization and digitization of the library's archival records.
- Served as the public representative for the library, developing business relationships with local school, museum and tribal government entities.
- Developed an objective-based analysis system for measuring library services - including a full collection analysis of the library's 50,000+ circulating items and their records.

November 2010 - January 2013

Librarian & Branch Manager, Anchorage Public Library ● Anchorage, Alaska

- Headed the 2013 Anchorage Reads community reading campaign including event planning, staging public performances and creating marketing materials for mass distribution.
- Co-led the social media department of the library's marketing team, drafting social media guidelines, creating original content and instituting long-term planning via content calendars.
- Developed business relationships with The Boys & Girls Club, Anchorage School District and the US Army to establish summer reading programs for children.

June 2004 - September 2005, September 2006 - October 2013

Library Assistant, Hart Area Public Library
Hart, MI

- Responsible for verifying imported MARC records and original MARC

cataloging for the local-level collection as well as the Michigan Electronic Library.

- Handled OCLC Worldcat interlibrary loan requests & fulfillment via ongoing communication with lending libraries.

Professional Involvement

Alaska Library Association - Anchorage Chapter

- Treasurer, 2012

Library Of Michigan

- Level VII Certification, 2008
- Level II Certification, 2013

Michigan Library Association Annual Conference 2014

- New Directors Conference Panel Member

Southwest Michigan Library Cooperative

- Represented the Dowagiac District Library, 2013-2015

Professional Development

Library Of Michigan Beginning Workshop, May 2008

Petoskey, MI

- Received training in cataloging, local history, collection management, children's literacy and reference service.

Public Library Association Intensive Library Management Training, October 2011

Nashville, TN

- Attended a five-day workshop focused on strategic planning, staff management, statistical analysis, collections and cataloging theory.

Alaska Library Association Annual Conference 2012 - Fairbanks, February 2012

Fairbanks, AK

- Attended seminars on EBSCO advanced search methods, budgeting, cataloging, database usage and marketing.

Depositions

2019 • Fish & Richardson

IPR Petitions of 865 Patent, Apple v. Qualcomm (IPR2018-001281 / 39521-00421IP & IPR2018-01282 / 39521-00421IP2)

2019 • Erise IP

Implicit, LLC v. Netscout Systems, Inc (Civil Action No. 2:18-cv-53-JRG)

2019 • Perkins-Coie

Adobe Inc. v. RAH Color Technologies LLC (Cases IPR2019-00627, IPR2019-00628, IPR2019-00629 and IPR2019-00646)

2020 • O'Melveny & Myers

Maxell, Ltd. v. Apple Inc. (Case 5:19-cv-00036-RWS)

2021 • Pillsbury Winthrop Shaw Pittman LLP

Intel v. SRC (Case IPR2020-1449)

Limited Case History & Potential Conflicts

Alston & Bird

- Nokia (v. Neptune Subsea, Xtera)

Arnold & Porter

- Ivantis (v. Glaukos)

Erise I.P.

- Apple

v. Future Link Systems (IPRs 6317804, 6622108, 6807505, and 7917680)

v. INVT

v. Navblazer LLC (Case No. IPR2020-01253)

v. Qualcomm (IPR2018-001281, 39521-00421IP, IPR2018-01282, 39521-00421IP2)

v. Quest Nettech Corp, Wynn Technologies (Case No. IPR2019-00XXX, RE. Patent Re38137)

- Fanduel (v CGT)
- Garmin (v. Phillips North America LLC, Case No. 2:19-cv-6301-AB-KS Central District of California)
- Netscout
 - v. Longhorn HD LLC)
 - v. Implicit, LLC (Civil Action No. 2:18-cv-53-JRG)
- Sony Interactive Entertainment LLC
 - v. Bot M8 LLC
 - v. Infernal Technology LLC
- Unified Patents (v GE Video Compression, Civil Action No. 2:19-cv-248)

Fish & Richardson

- Apple
 - v. LBS Innovations
 - v. Masimo (IPR 50095-0012IP1, 50095-0012IP2, 50095-0013IP1, 50095-0013IP2, 50095-0006IP1)
 - v. Neonode
 - v. Qualcomm (IPR2018-001281, 39521-00421IP, IPR2018-01282, 39521-00421IP2)
- Dish Network
 - v. Realtime Adaptive Streaming, Case No 1:17-CV-02097-RBJ)

v. TQ Delta LLC

- Huawei (IPR 76933211)
- Kianxis
- LG Electronics (v. Bell Northern Research LLC, Case No. 3:18-cv-2864-CAB-BLM)
- Metaswitch
- MLC Intellectual Property (v. MicronTech, Case No. 3:14-cv-03657-SI)
- Realtek Semiconductor
- Quectel
- Samsung (v. Bell Northern Research, Civil Action No. 2:19-cv-00286-JRG)
- Texas Instruments

Irell & Manella

- Curium

O'Melveny & Myers

- Apple (v. Maxell, Case 5:19-cv-00036-RWS)

Perkins-Coie

- TCL Industries (v. Koninklijke Philips NV, PTAB Case Nos. IPR2021-00495, IPR2021-00496, and IPR2021-00497)

Pillsbury Winthrop Shaw Pittman

- Intel (v. FG SRC LLC, Case No. 6:20-cv-00315 W.D. Tex)

Appendix GRALLA01

leader00100500801001902003503504004204905008210024525026030033633733849052050050450560830977986994999

02283cam a22004094a 450099103749523970480120211206065207.0010215s2002 inua 001 0 eng##a 2001087727##a263575836 \$a826476451 \$a972701278 \$a982694317 \$a985141879 \$a990375690 \$a1013308184 \$a1038987059 \$a1049052025 \$a1051651504 \$a1109562033 \$a1111711742 \$a1154370560 \$a1154533036##a0789725827##a09780789725820##a(0CoLC)47937994 \$z(0CoLC)263575836 \$z(0CoLC)826476451 \$z(0CoLC)972701278 \$z(0CoLC)982694317 \$z(0CoLC)985141879 \$z(0CoLC)990375690 \$z(0CoLC)1013308184 \$z(0CoLC)1038987059 \$z(0CoLC)ocm47937994##aDLC \$beng \$cDLC \$dUKM \$dTXA \$dBCTA \$dVXCP \$dVYG \$dIG# \$dTULIB \$dOCLCF \$dJID \$dYT1 \$dOCLCQ \$dCSJ \$dOCLCQ \$dNAM \$dOCLCQ \$dUKMGB \$dEQK \$dGEQ \$dSNU##aapcc##aOLIS00\$aTK5105.875.I57 \$bG72423 200200\$a004.67/8 \$2221\$aGralla, Preston.10\$aHow the Internet works / \$cPreston Gralla.##a6th ed.##aIndianapolis, IN : \$bQue, \$c02002.##aaxi, 340 pages : \$bcolor illustrations ; \$c26 cm##aetxt \$btxt \$2rdacontent##aunmediated \$bn \$2rdamedia##avolume \$bnc \$2rdacarrier1\$aHow it works##aChronicles the Internet explosion, explaining communication protocols, the World Wide Web, wireless computing, e-commerce, security, Web-based radio and television, and such##aIncludes index.##aIncludes index.0\$aUnderstanding the Internet's underlying architecture -- Connecting to the Internet -- Communicating on the Internet -- Using the World Wide Web -- Using common Internet tools0\$aInternet \$vPopular works.0\$aHow it works series (Indianapolis, Ind.)##a / Preston Gralla.##aBUF01002164470 \$9LOCAL##a92 \$bZ4F##aSUNY LSP Collection \$b20200522 \$cMaster record variable field(s) change: 040

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New Additions

UB Libraries Catalog

Advanced Search

BOOK



How the Internet works / Preston Gralla.

Gralla, Preston.
Indianapolis, IN : Que; ©2002
6th ed.

Available at Lockwood Library Lockwood Library General Collection (TK5105.875 .I57 G72423 2002)

Top

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Print

Email

Citation

Link/URL

QR

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EndNote Desktop / Zotero

Export BibTeX

Export To Excel

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Get It

Please log in to check if there are any request options. Login

Back To Locations

LOCATION ITEMS

Lockwood Library

Available , Lockwood Library General Collection ; TK5105.875 .I57 G72423 2002
(1 copy, 1 available, 0 requests)

Locate

Item in place

Log in to check availability

OTHER SUNY LIBRARIES

Details

Creator

Gralla, Preston.

Title

How the Internet works

Statement of Responsibility

/ Preston Gralla.

Edition

6th ed.

Publisher

Indianapolis, IN : Que

Creation Date

©2002

Format

xi, 340 pages : color illustrations ; 26 cm

Series

How it works

How it works series (Indianapolis, Ind.)

Contents

Understanding the Internet's underlying architecture -- Connecting to the Internet -- Communicating on the Internet -- Using the World Wide Web -- Using common Internet tools -- Enjoying entertainment and multimedia on the Internet -- Shopping and doing business on the Internet -- Protecting yourself on the Internet.

Description

Chronicles the Internet explosion, explaining communication protocols, the World Wide Web, wireless computing, e-commerce, security, Web-based radio and television, and such online services as e-mail, newsgroups, and chat groups.

Notes

Includes index

16

chrome-extension://bpconcjcammlapcogcnnelfmaeghhagj/edit.html

1/2

Subject

Genre

Identifier

MMS ID

Source

includes index.

Popular works.

LC : 2001087727
ISBN : 0789725827
ISBN : 9780789725820
OCLC : (OCoLC)47937994
OCLC : (OCoLC)ocm47937994

990021644700204803

Library Catalog

Virtual Browse



<

The Federal Internet source : a directory of nearly 300 sources of
1994

...



Internet, l'inquiétante extase
©2001

...



Riding the Internet highway
©1993

...



Digital literacy
©1997

...



Finding it on the Internet : the Internet Navigator's guide to
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>

Links

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Display Source Record

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Appendix GRALLA02

LIBRARY

LIBRARY OF CONGRESS

CATALOG

LC Catalog Quick Search

SEARCH OPTIONS

LOGIN

Search Navigation

3 of 6

BOOK

How the Internet works

Full Record

MARC Tags

00000900cam a22002654a 4500

00112310834

00520170215124934.0

008010215s2002 inua 001 0 eng

906—|a 7 |b cbc |c orignew |d 2 |e epcn |f 20 |g y-gencatlg

9250_|a acquire |b 1 shelf copy |x policy default

9251_|a acquire |b 2 shelf copies |x policy default

955—|a pc03 02-15-01 |a pv21 2001-11-08 to ASCD |a jf00 2001-11-30 |i jf07 2004-11-16 to SL |e jf12 2004-11-19 to Dewey |a aa25 2004-11-26

010—|a 2001087727

020—|a 0789725827

040—|a DLC |c DLC |d DLC

042—|a pcc

05000|a TK5105.875.I57 |b G72423 2002

08200|a 004.67/8 |2 22

1001_|a **Gralla**, Preston.

24510|a **How the Internet works** / |c Preston **Gralla**.

250—|a 6th ed.

260—|a Indianapolis, IN : |b Que, |c c2002.

300—|a xi, 340 p. : |b col. ill. ; |c 26 cm.

500—|a Includes index.

650_0|a **Internet** |v Popular **works**.

Request this Item

LC Find It

Item Availability

Book

PRINT RECORD

SAVE RECORD

EMAIL RECORD

CITE RECORD

MARCXML Record

MODS Record

Report Record Errors

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Feedback

Item Availability

CALL NUMBER

TK5105.875.I57 G72423 2002 FT MEADE

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Request in

Jefferson or Adams Building Reading Rooms - STORED OFFSITE

Status

Not Charged

LIBRARY

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Ask a Librarian

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Search/Browse Help

Speech Enabled

Accessibility

Legal

Inspector General

External Link Disclaimer

USA.gov



CATALOG

LC Catalog Quick Search



LOGIN ▾



SEARCH OPTIONS ▾

Search Navigation ▾



3 of 6



BOOK

How the Internet works

Full Record

MARC Tags

Personal name

Gralla, Preston.

Main title

How the Internet works / Preston Gralla.

Edition

6th ed.

Published/Created

Indianapolis, IN : Que, c2002.

Request this Item

LC Find It

Item Availability



Book

PRINT RECORD

SAVE RECORD

EMAIL RECORD

CITE RECORD

MARCXML Record
MODS Record

Report Record Errors
Ask a Librarian
Feedback

LCCN Permalink

https://lcn.loc.gov/2001087727

Description

xi, 340 p. : col. ill. ; 26 cm.

ISBN

0789725827

LC classification

TK5105.875.I57 G72423 2002

LC Subjects

Internet--Popular works.

Browse by shelf order

TK5105.875.I57

Notes

Includes index.

LCCN

2001087727

Dewey class no.

004.67/8

Type of material

Book

Item Availability

CALL NUMBER

TK5105.875.I57 G72423 2002 FT MEADE
Copy 2

Request in

Jefferson or Adams Building Reading Rooms - STORED OFFSITE

Status

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Appendix GRALLA03

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 CATALOG
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MARC Bibliographic Record

LEADER	01155cam a2200397 a 4500
001	9954634353602122
005	20190627104007.0
008	010830t20022002inua 001 0 eng c
010	\$a 01087727
015	\$aGBA1-V6583
020	\$a0789725827
035	\$a(OCOLC)ocm47937994
035	\$a(WU)5463435-uwmadisondb
035	\$a(EXLNZ-01UWI_NETWORK)999919914802121
040	\$aUKM\$beng\$cUKM\$dTXA\$dWID
042	\$apcc
049	\$aWIDA
050	_4 \$aTK5105.875.I57\$bG72423 2002
082	00 \$a004.678\$221
092	\$a004.67\$bEd23h6
100	1_ \$aGralla, Preston.
245	10 \$aHow the Internet works /\$cPreston Gralla ; [illustrated by Michael Troller].
250	\$aSixth edition.
264	_1 \$aIndianapolis, IN :\$bQue,\$c[2002]
264	_4 \$c@2002
300	\$axi, 340 pages :\$bcolor illustrations ;\$c26 cm
336	\$atext\$btxt\$2rdacontent
337	\$aunmediated\$bn\$2rdamedia
338	\$avolume\$bnc\$2rdacarrier
500	\$aPrevious ed.: 1999.
500	\$aIncludes index.
650	_0 \$aInternet.
650	_0 \$aInternet\$vPopular works.

650	_0	\$aInternet\$vHandbooks, manuals, etc.
700	1_	\$aTroller, Michael.
994		\$aX0\$bWID
997		\$aMARCIVE

MMS IDs

Document ID:

999919914802121

Network Electronic IDs:

Network Physical IDs:

999919914802121

mms_gb_ids:

991007018985302123

mms_mad_ids:

9954634353602122



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Keywords Books, music, movies, and more Search

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Search > Catalog > How the Internet works

BOOKS

How the Internet works

AUTHOR / CREATORGralla, Preston

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Citation

Physical Locations

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Information School Library

Today's hours: 8:30 a.m.-1 p.m.

Stacks

004.67 Ed23h6

Publication Details

CREATORPreston Gralla ; [illustrated by Michael Troller]

FORMATBooks

LANGUAGEEnglish

CONTRIBUTORSTroller, Michael

PUBLICATIONSixth edition
Indianapolis, IN : Que, [2002]
©2002

PHYSICAL DETAILSxi, 340 pages : color illustrations ; 26 cm

ISBN9780789725820, 0789725827

OCLCocm47937994

Notes

Previous ed.: 1999.
Includes index.

Subjects

Internet.

Internet -- Popular works.

Internet -- Handbooks, manuals, etc.

Content Types

Popular works

Handbooks, manuals, etc

Items Related By Call Number

Shelf Browse

BOOKS

Internet annoyances : how to fix the most annoyin...

Gralla, Preston

BOOKS

How the Internet works

Gralla, Preston

BOOKS

How the Internet works

Gralla, Preston

BOOKS

Internet für Philologen : eine Einführung in das ...

Gschwender, Oliver

Physical

TK5105.875 I57 G723 2005

Physical

TK5105.875.I57 G72423 2004

Physical

TK5105.875.I57 G72423 2007

Physical

TK5105.875 I57 G73 1999

Library Staff Details

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