

Theft! A History of Music © James Boyle and Jennifer Jenkins (2017)

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About The Book

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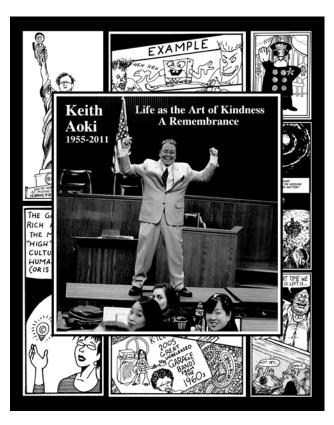
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Credits:

Initial Sketches: Keith Aoki Research, Writing and Graphic Design: James Boyle & Jennifer Jenkins Art, Illustration and Inking: Ian Akin & Brian Garvey Lettering, Coloring, Digital Publishing: Balfour Smith

About the Artists: After the tragic death of Keith Aoki, we had to find new artists to redraw the book from scratch. Those artists were Ian Akin and Brian Garvey. Veteran comic book illustrators and inkers, Ian and Brian have done work for Marvel, DC, Disney and many others. Their task was a daunting one: they had to come into a book designed and written by law professors and translate the vision of a beloved deceased artist into their own idiom. All of this in a work that was part comic book, part academic monograph. They were, quite simply, magnificent. You can see, in the pages that follow, what consummate professionals they are. They are also lovely folk to work with and we recommend them wholeheartedly. <u>http://www.akinandgarvey.com/</u>

Dedicated to Keith Aoki 1955–2011



This book is dedicated to Keith Aoki: our colleague, co-author and, above all, our friend. Keith passed away, tragically young, while we were creating the comic. He told us of his illness matter-of-factly, a week before his death, as an "apology" for not completing more of the drawings Jennifer and I had designed. He also told us that he wanted us to finish the book we had begun together; in fact he told us that we had to finish the book. Those were the last words we heard him say. We later realized that he had been battling his illness through much of our work on the comic, never complaining.

Keith had told us we had to finish the book. It was only half done. We had no heart for it. In the end, it meant starting again and redrawing the book from scratch with two wonderful professional artists, Ian Akin and Brian Garvey. Every page we went through was a reminder of a conversation we had had with Keith, a joke we had made, a crazy reference to pop culture, or film noir or music or law — because Keith was an artist, a legal scholar, and a hilarious culturejammer. And each of those reminders was a sad one. It was a deeply painful task. Still, Keith had told us we had to finish the book. Those are the kinds of commands one does not disobey.

If Keith had written this dedication, it would be

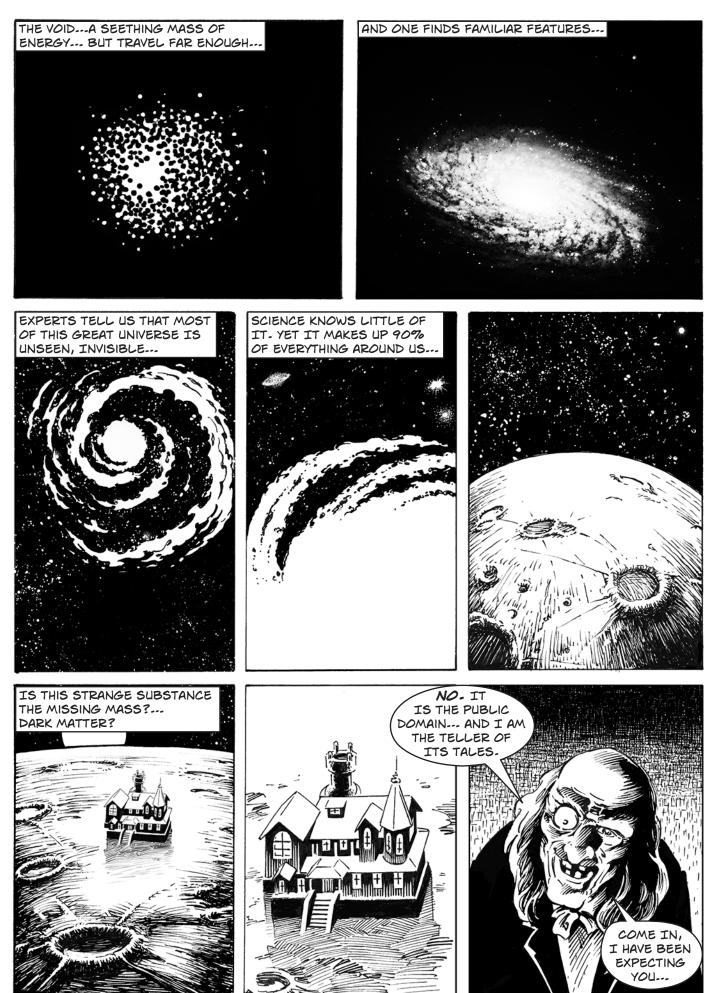
unsentimental, it would redirect all the praise to others and it would be darkly funny, because Keith had a very dark sense of humor where he was the subject. The last law review "article" he published was a comic with himself as a character. If one looks closely at the T-shirt the character is wearing, it says, "You can't avoid the void." Keith knew he was dying when he drew that. No one else did.

We published a book of quotes and drawings to remember Keith — Keith Aoki: Life as the Art of Kindness. You can find it elsewhere. We will not rehash it here except to say: we shall not look upon his like again. Would that the rest of us could be that kind, that modest, that creative.

We finished the comic for you, man. It took us long enough. Sorry about that. But you were terrible with deadlines too, just terrible. So perhaps you'll cut us a break. You can't avoid the void. But you can make something beautiful, funny and even maybe insightful that escapes it for a little while.

James Boyle & Jennifer Jenkins Durham, NC. 2016

Acknowledgments: We are standing on the shoulders of giants. J. Peter Burkholder's magisterial set of works on musical borrowing—he literally wrote the book(s) on the subject—was our constant guide. Professor Michael Carroll is a pioneer of the history of copyright and music and many of his insights are reflected here. Professor Olufunmilayo Arewa has written extensively about musical borrowing, appropriation and copyright. Her work was an inspiration. Our colleague and co-teacher, Dr. Anthony Kelley of the Duke Music Department provided a composer's insights more times than we can remember. But our debts go far beyond the people mentioned here. At the end of the book you will find a lengthier list of acknowledgments and further reading, while an online companion to this comic lists references for each page and every point we make. (We are geeks. So sue us.) We would also like to thank our indispensable colleague Balfour Smith, who lettered and colored the comic and wrangled the digital files over countless versions. We have been helped over the years by many research assistants: Peter Berris, Cody Duncan, Cory Fleming, Branch Furtado, Justin Greenbaum, Federico Morris, Dan Ruccia, Michael Wolfe, and Jordi Weinstock. Finally, we would like to acknowledge the generous support of the Ford and Rockefeller Foundations and of the Duke Law School. Errors are ours alone.



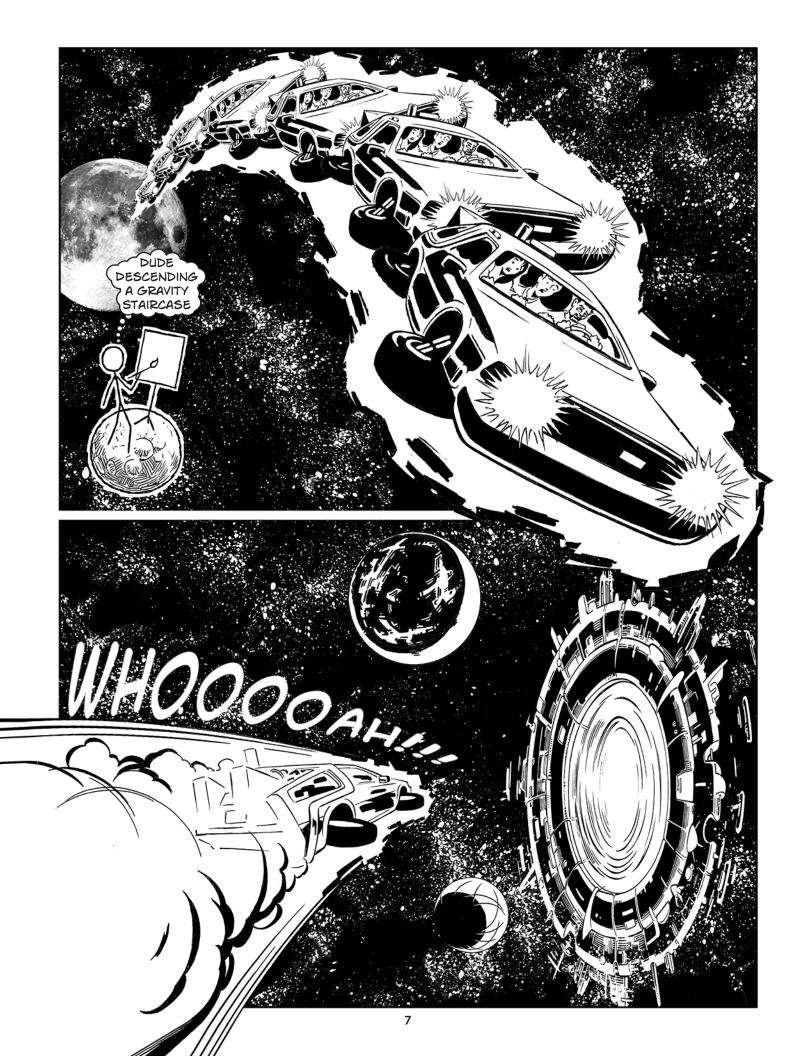


















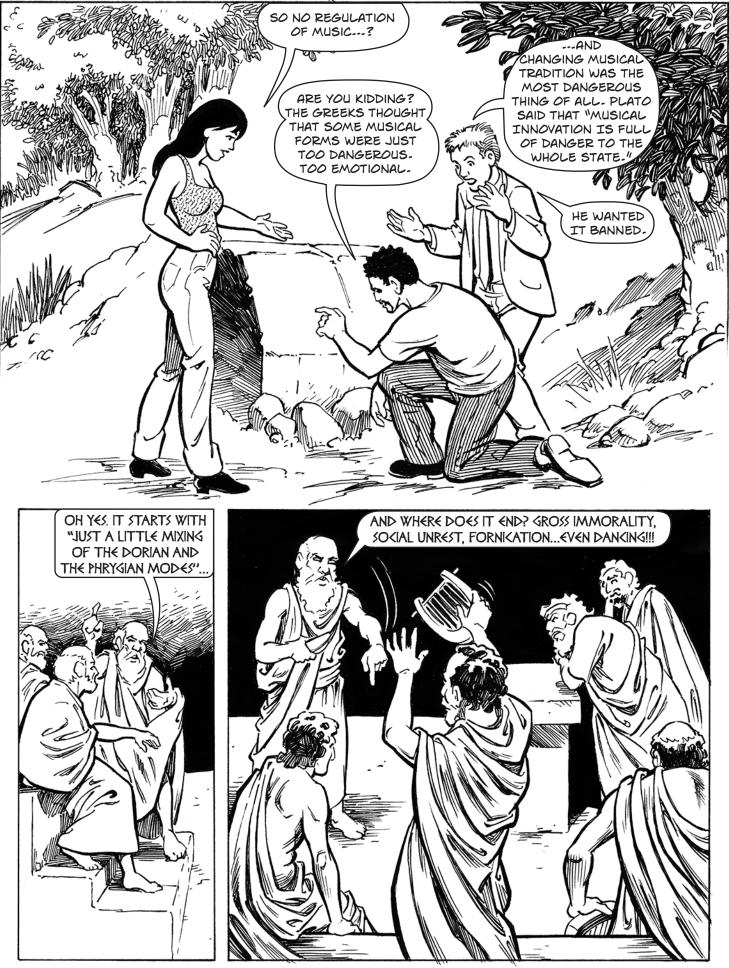


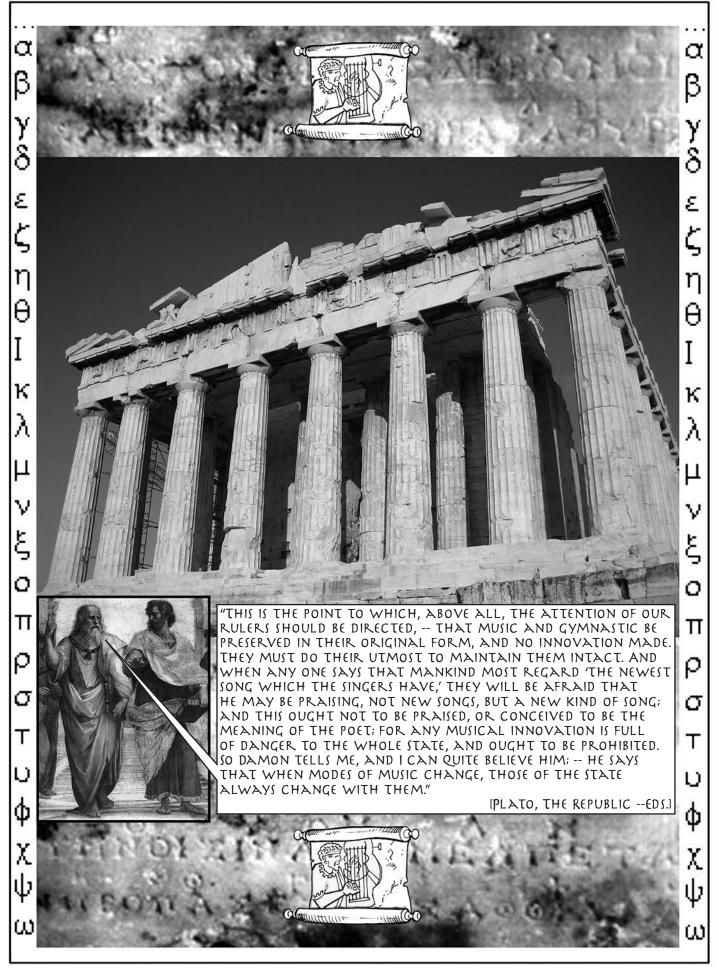


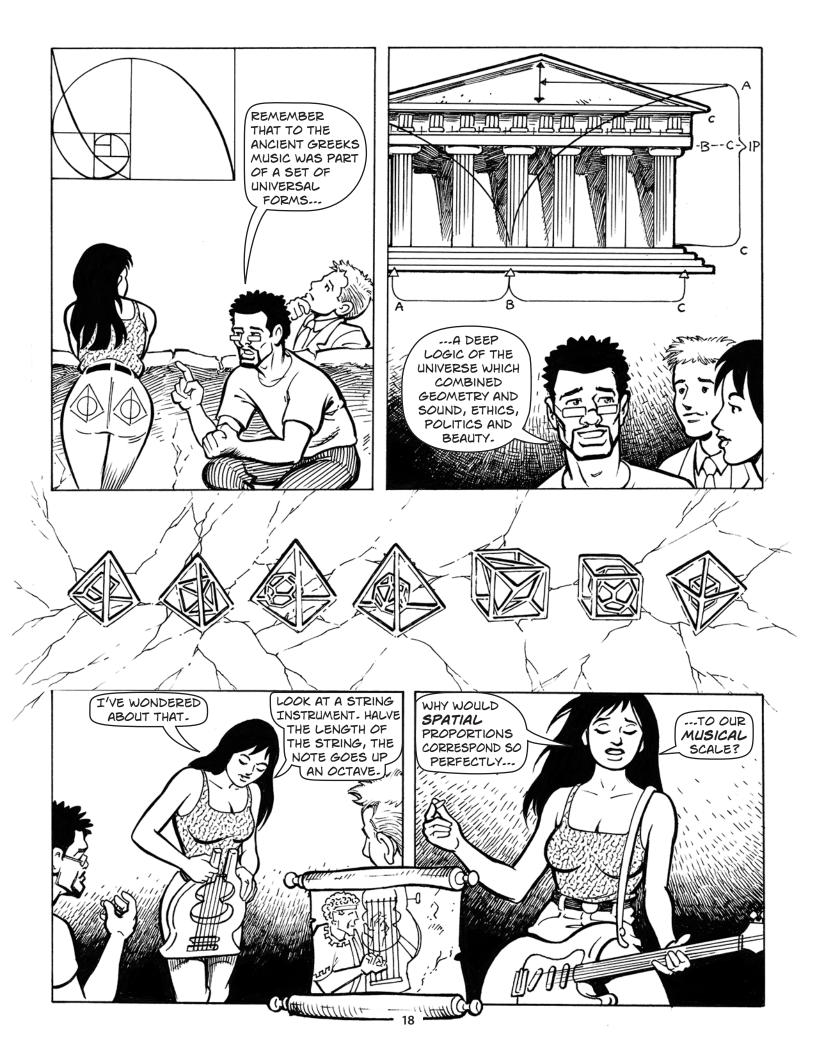


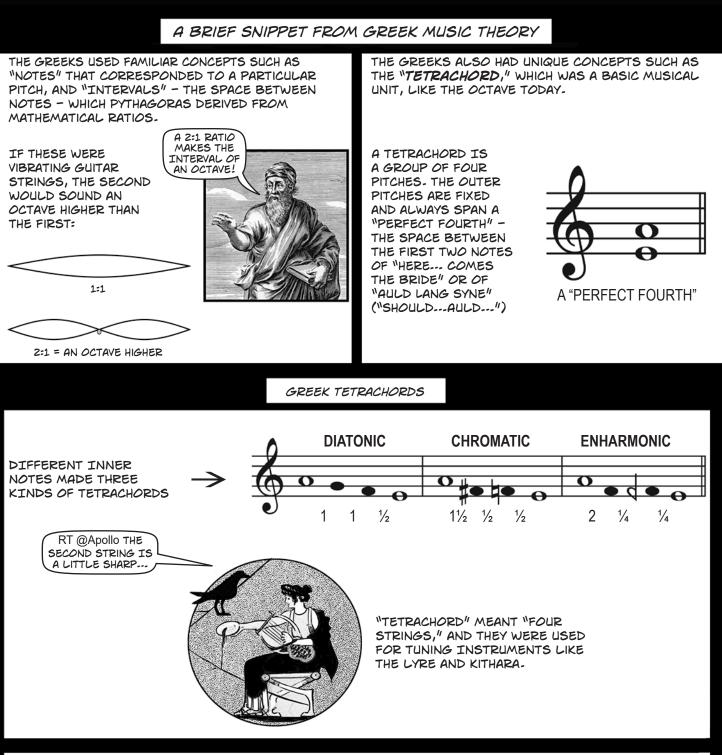




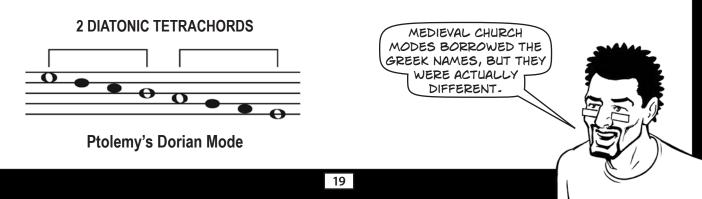




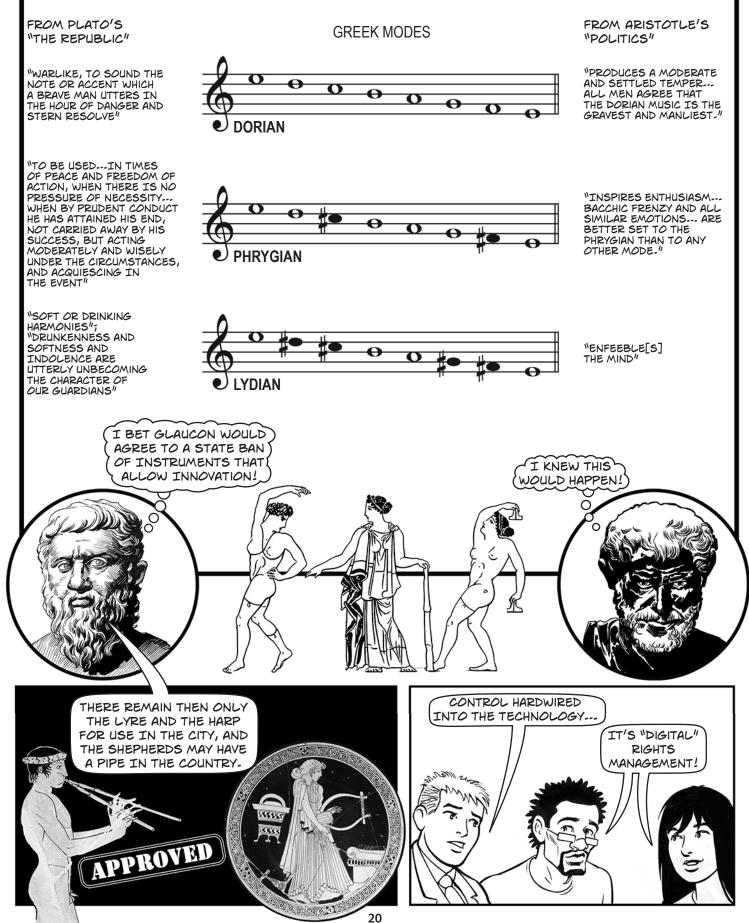




GREEK THEORISTS COMBINED TETRACHORDS TO MAKE DIFFERENT SCALES OR MODES (THE GREEKS USED THE TERMS "HARMONIAI" AND "TONOI") THAT DETERMINED THE NOTES YOU WOULD HEAR IN A PIECE OF MUSIC.

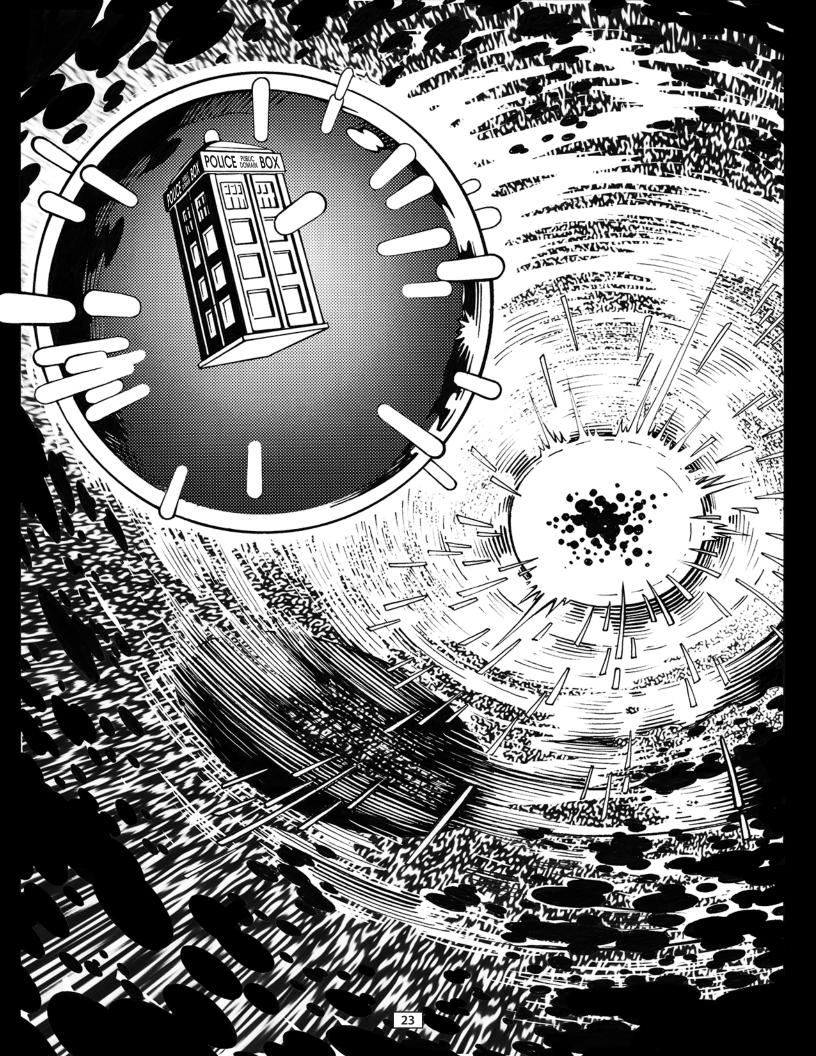


GREEK PHILOSOPHERS THOUGHT THE **MODES** COULD AFFECT A PERSON'S CHARACTER. PLATO ONLY APPROVED OF THE DORIAN AND PHRYGIAN MODES, WHICH WERE ASSOCIATED WITH COURAGE AND TEMPERANCE. (ARISTOTLE WAS SLIGHTLY MORE FORGIVING.)









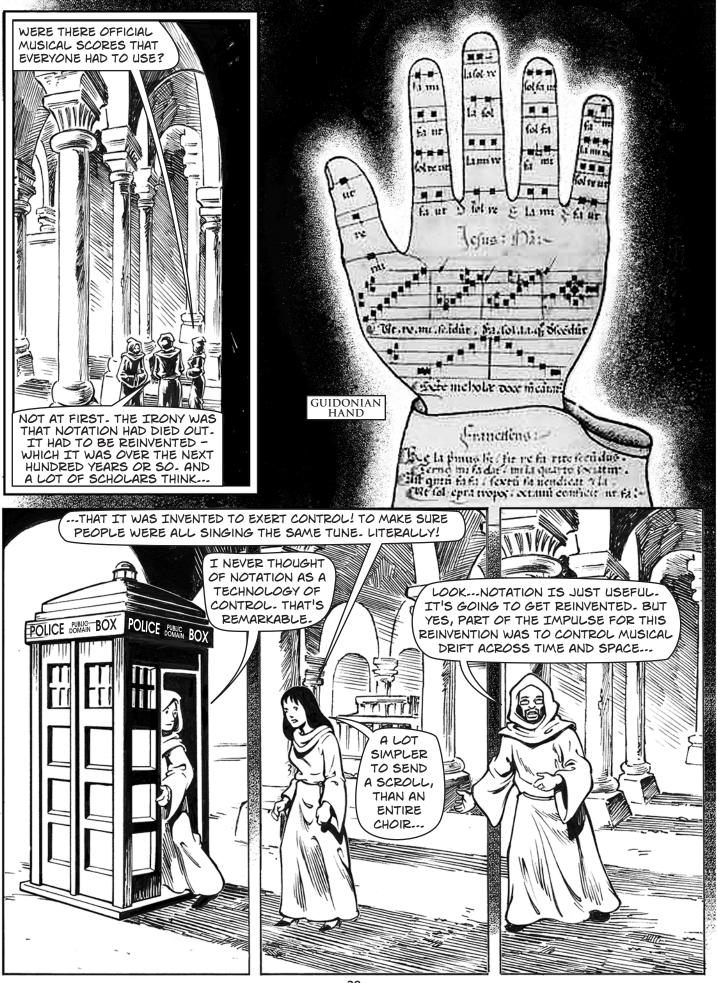
























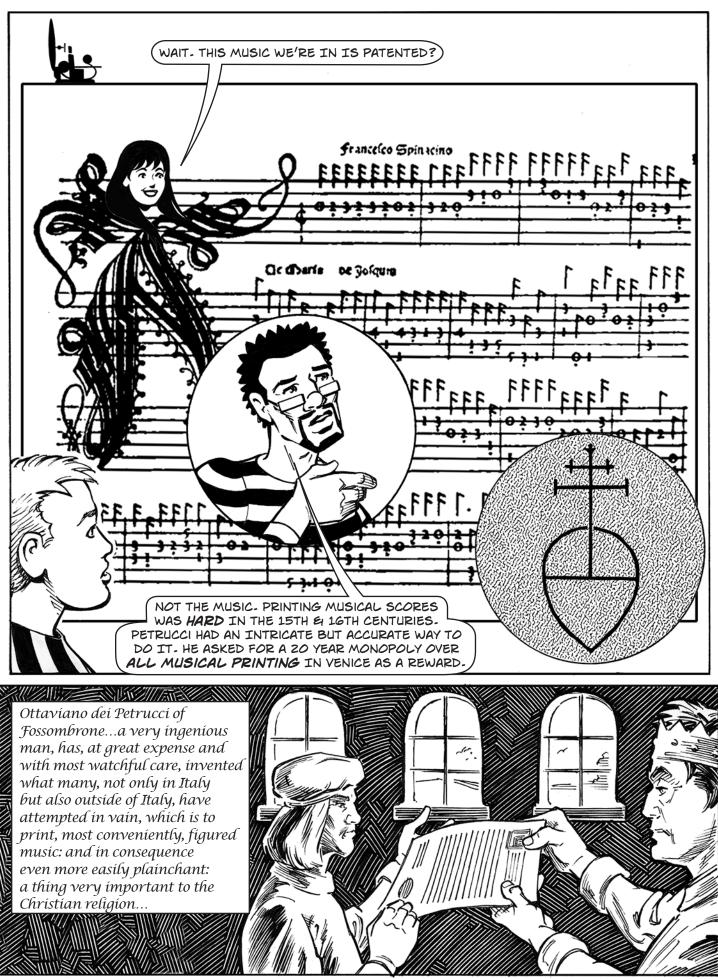






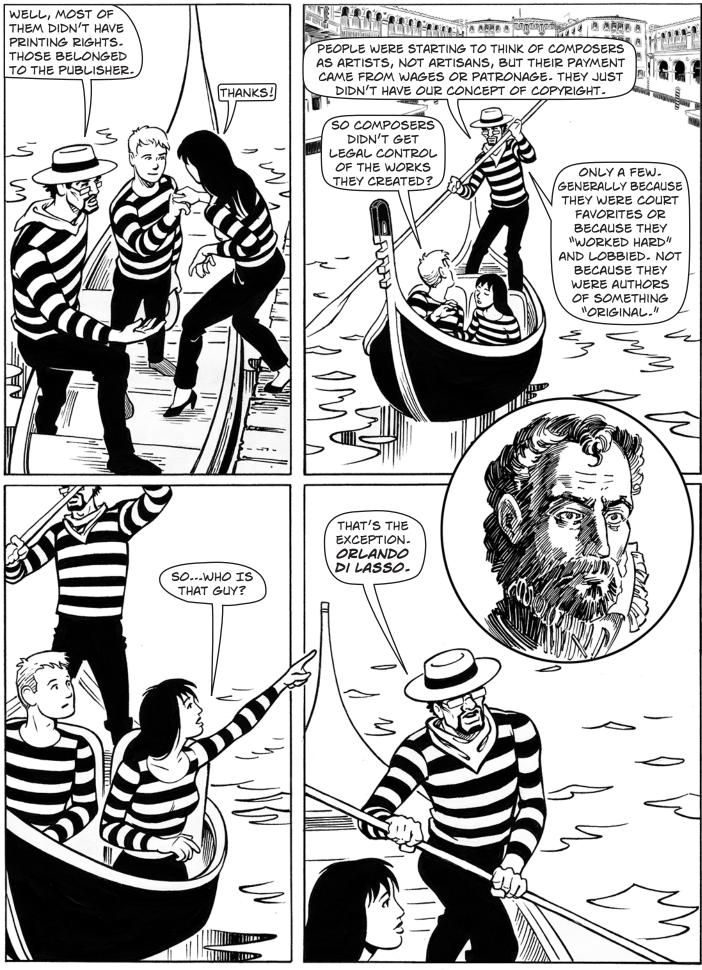






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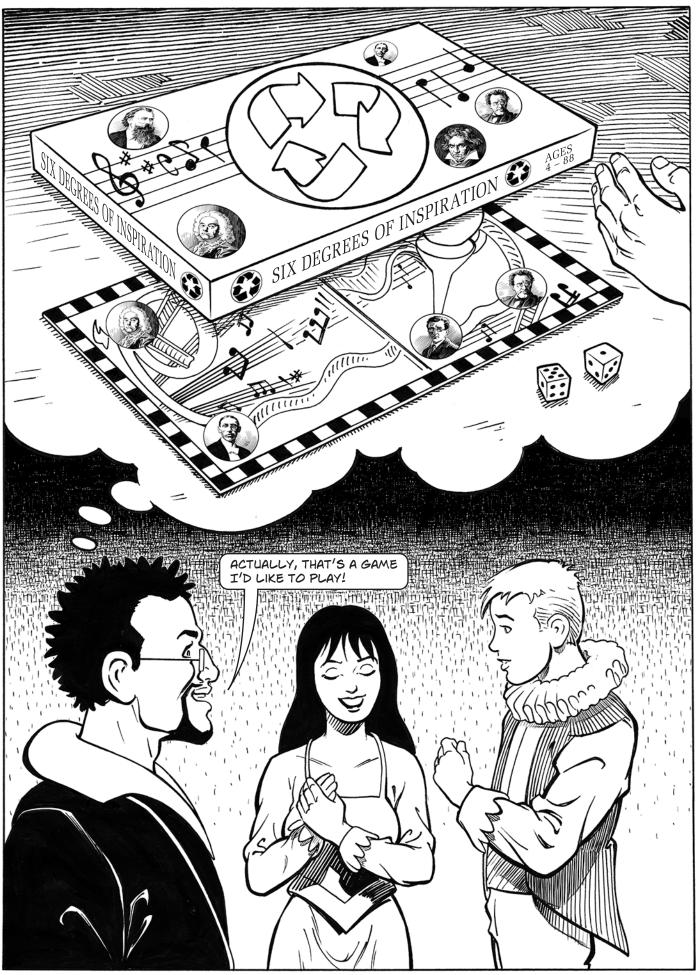


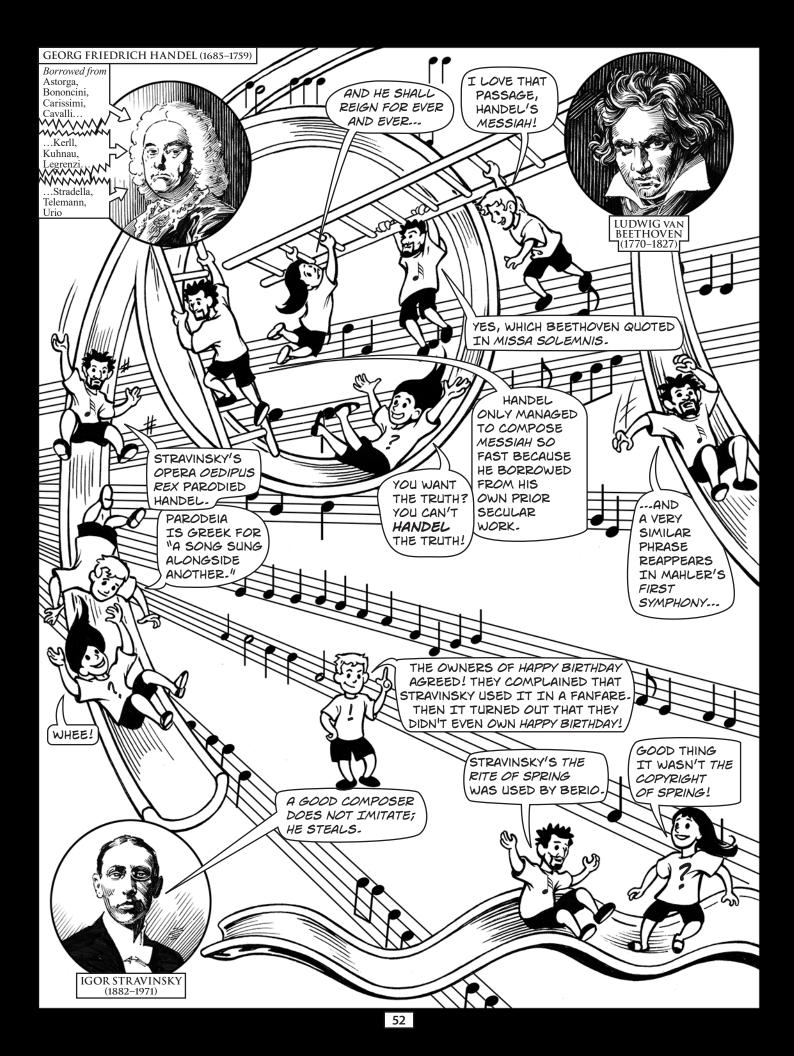


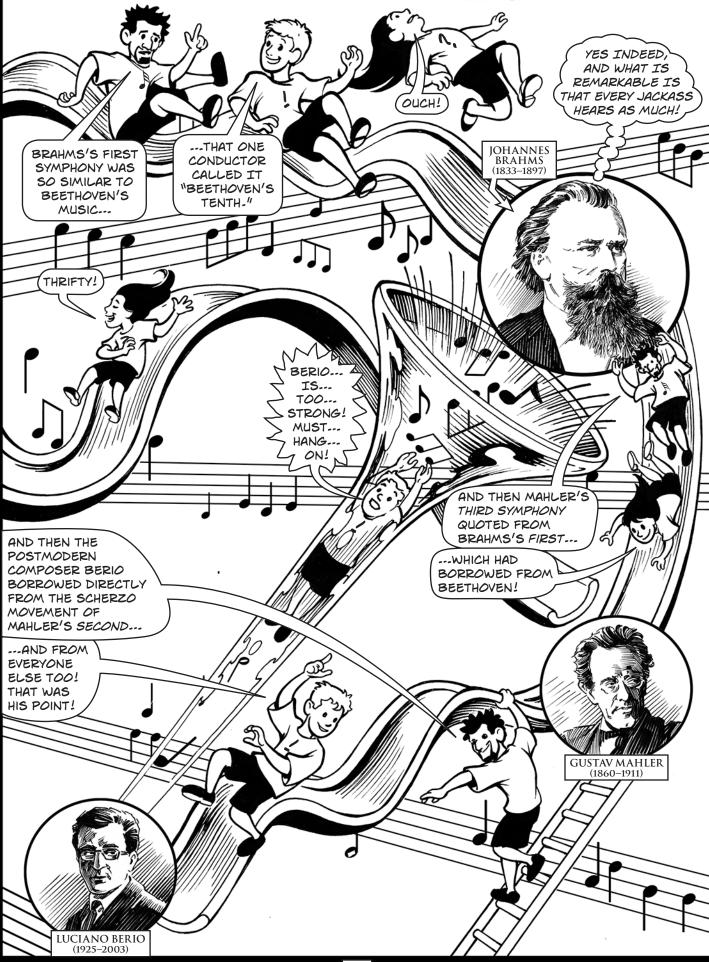


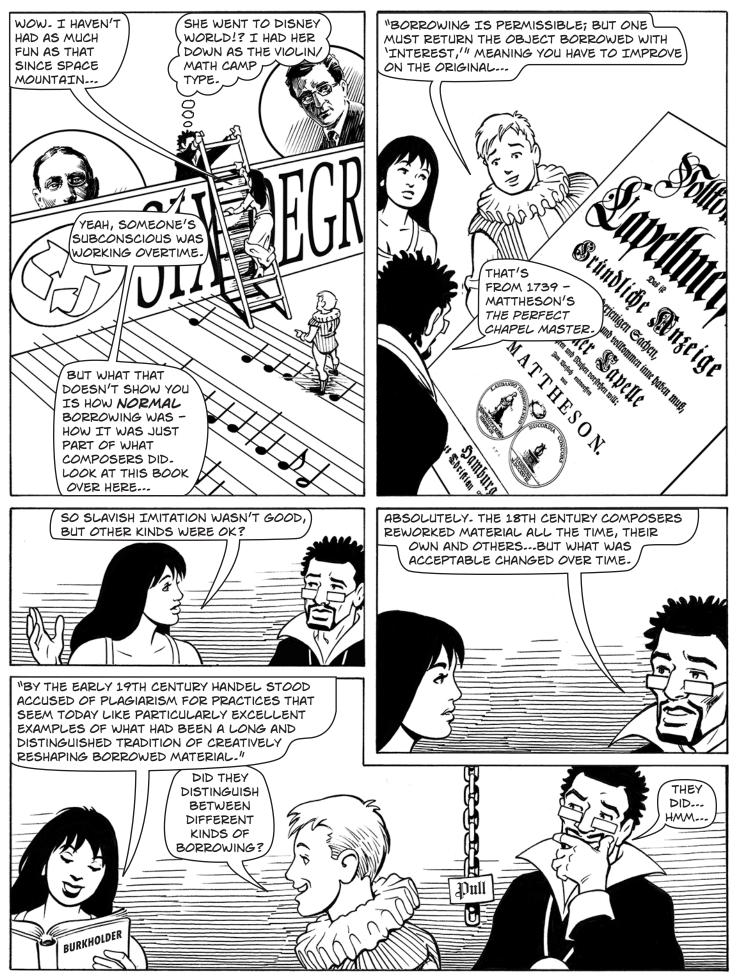




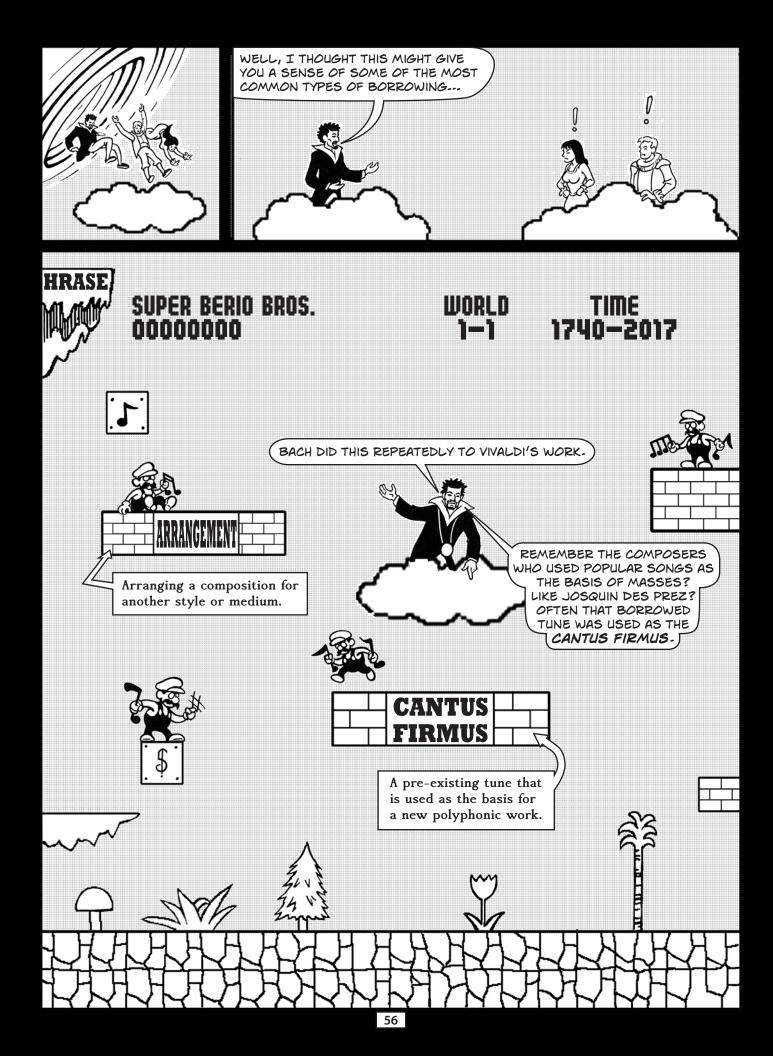


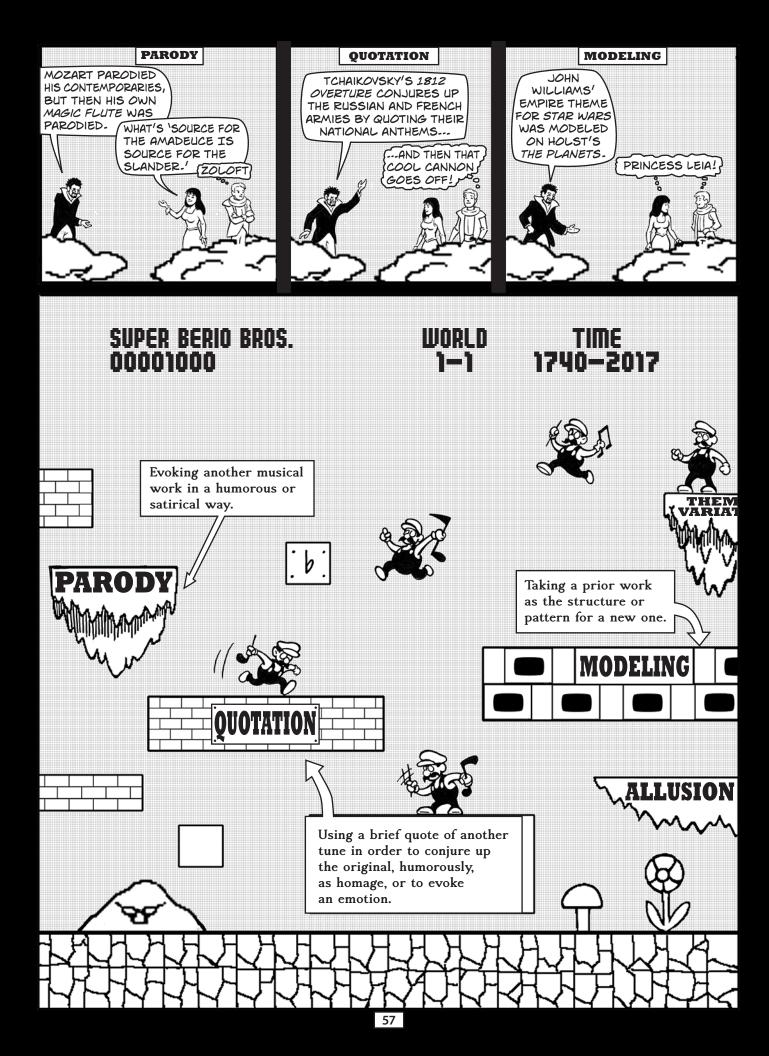


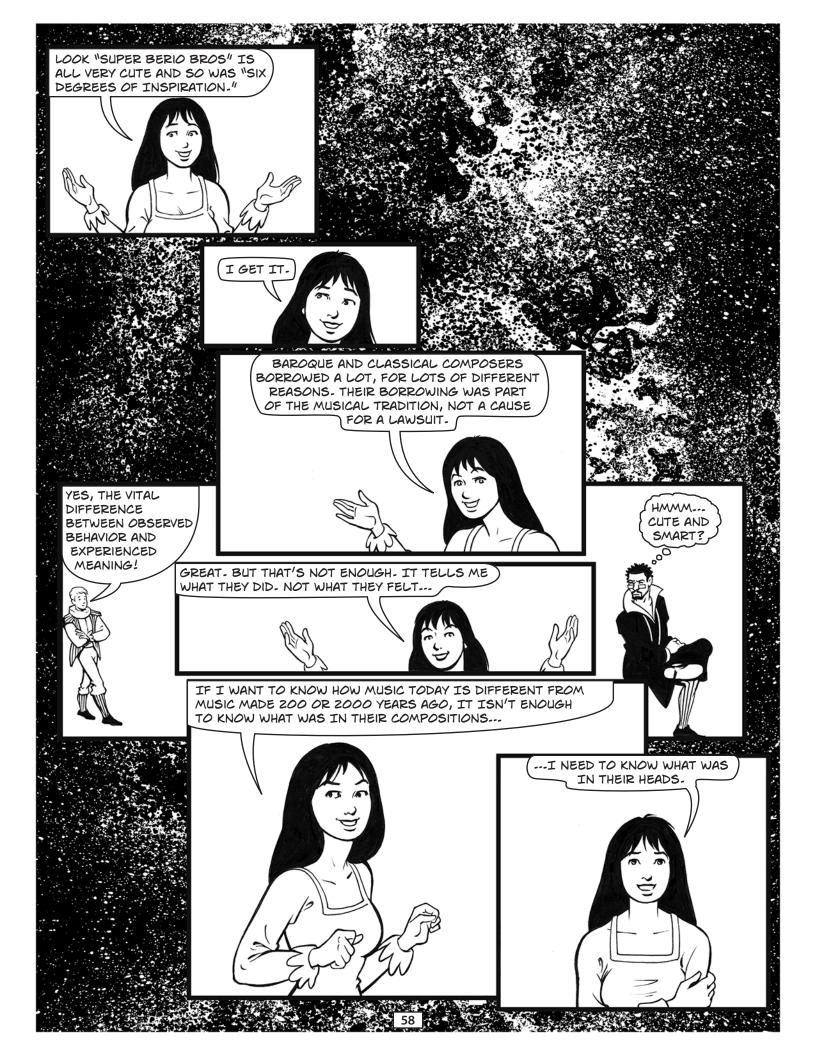


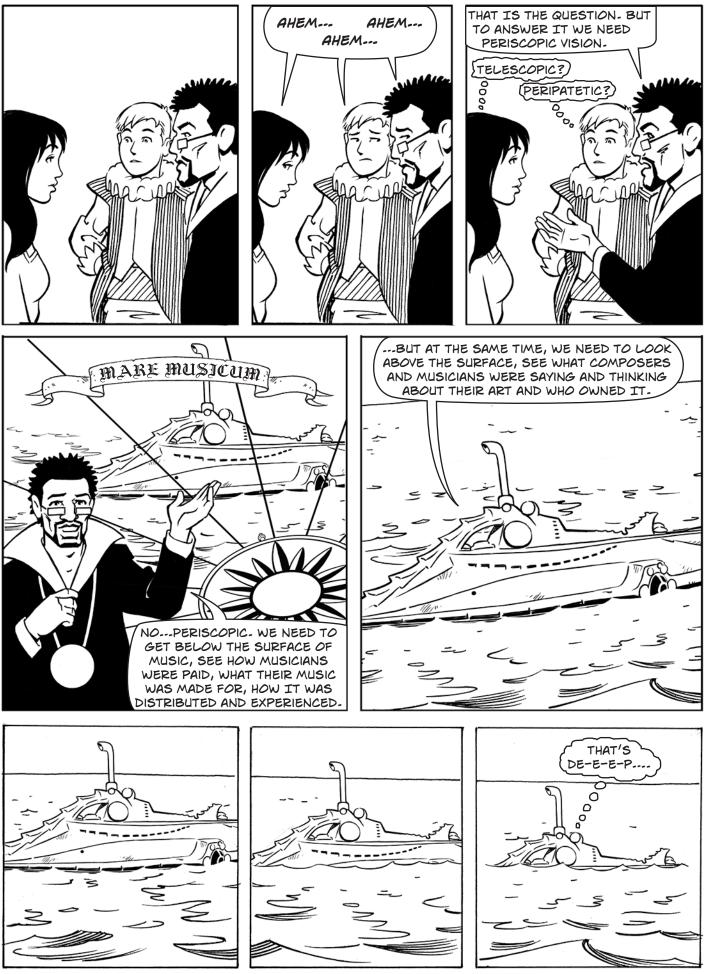


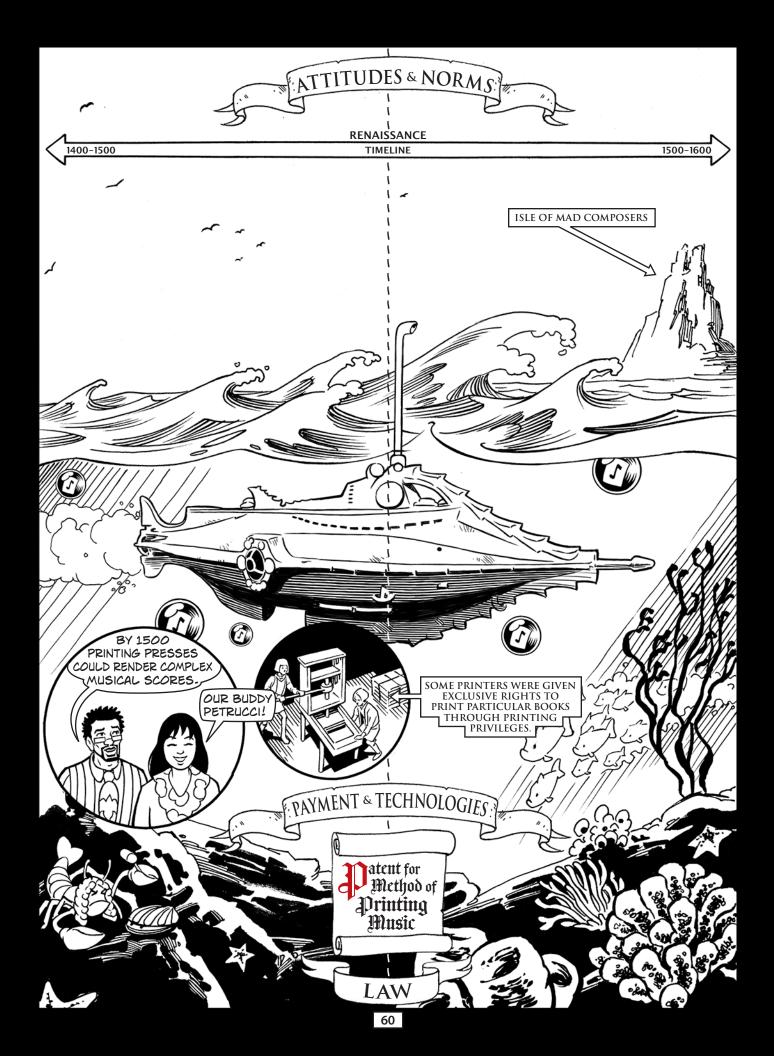


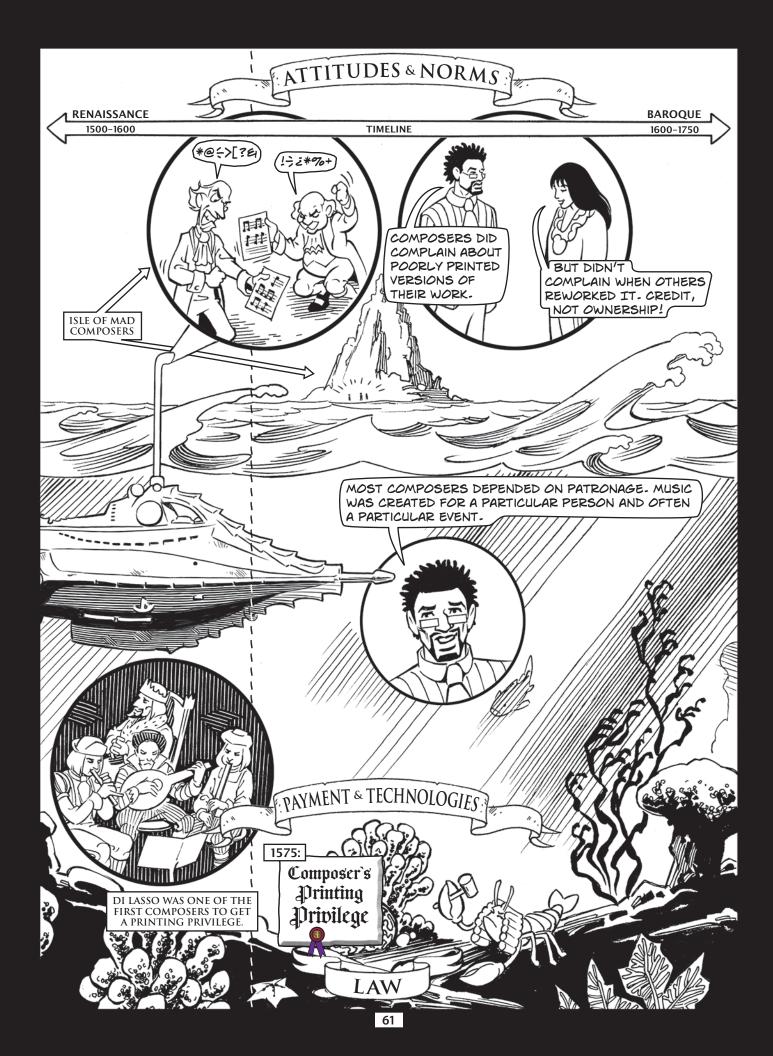


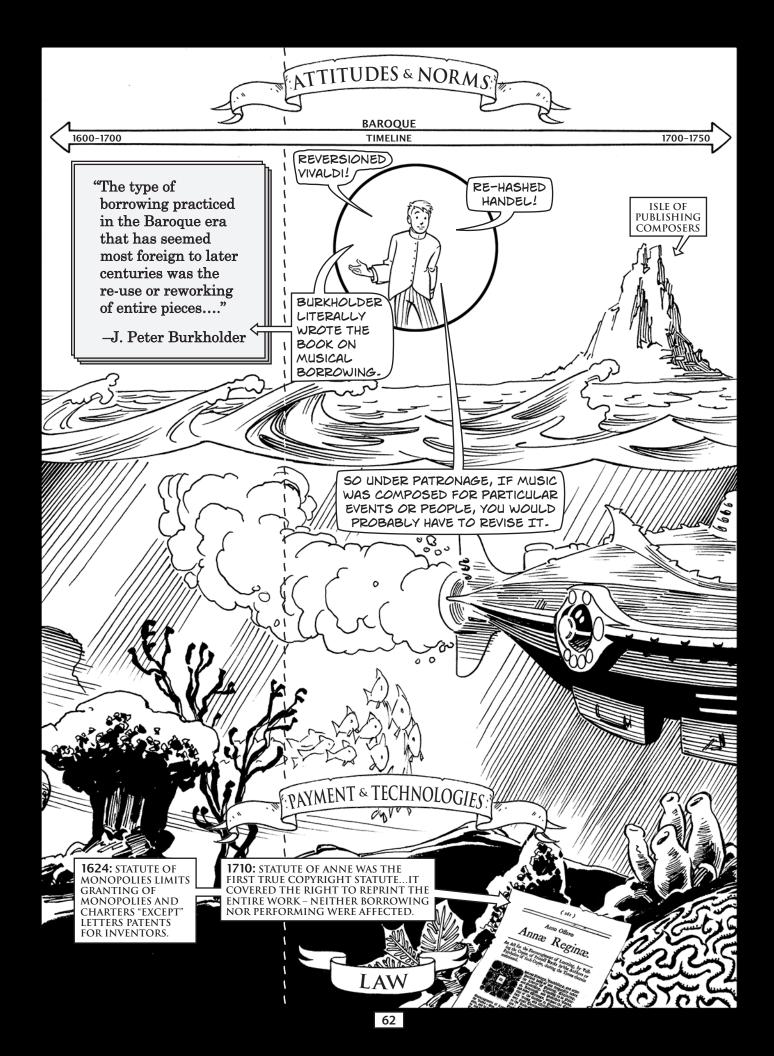




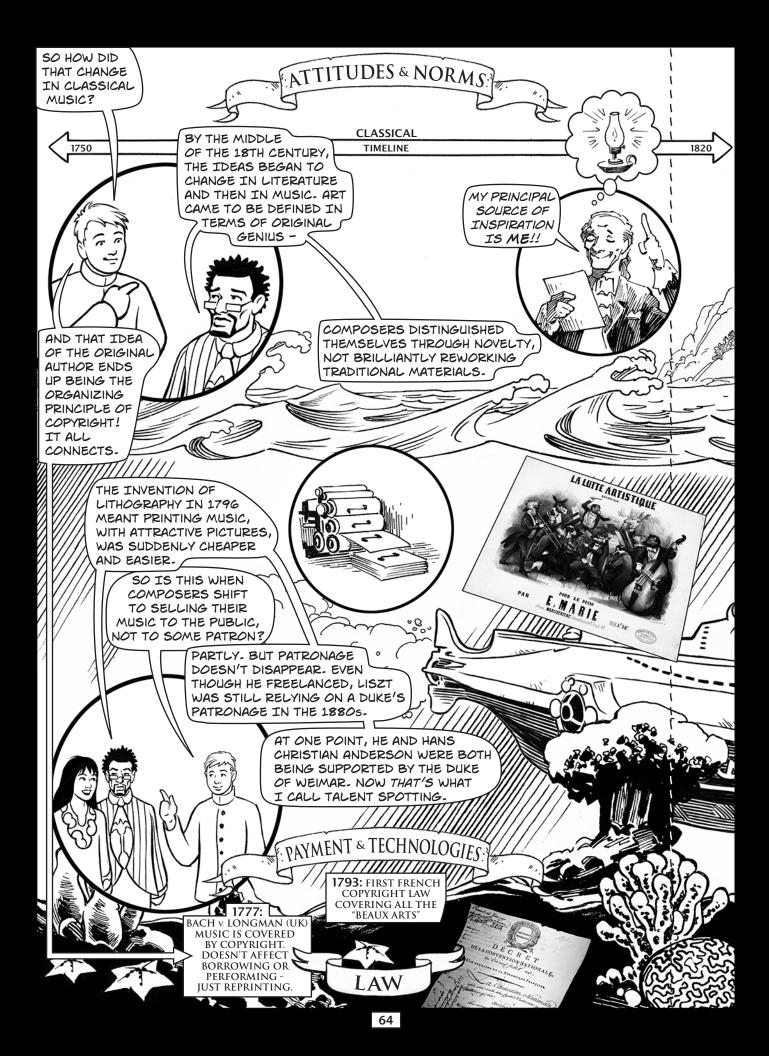








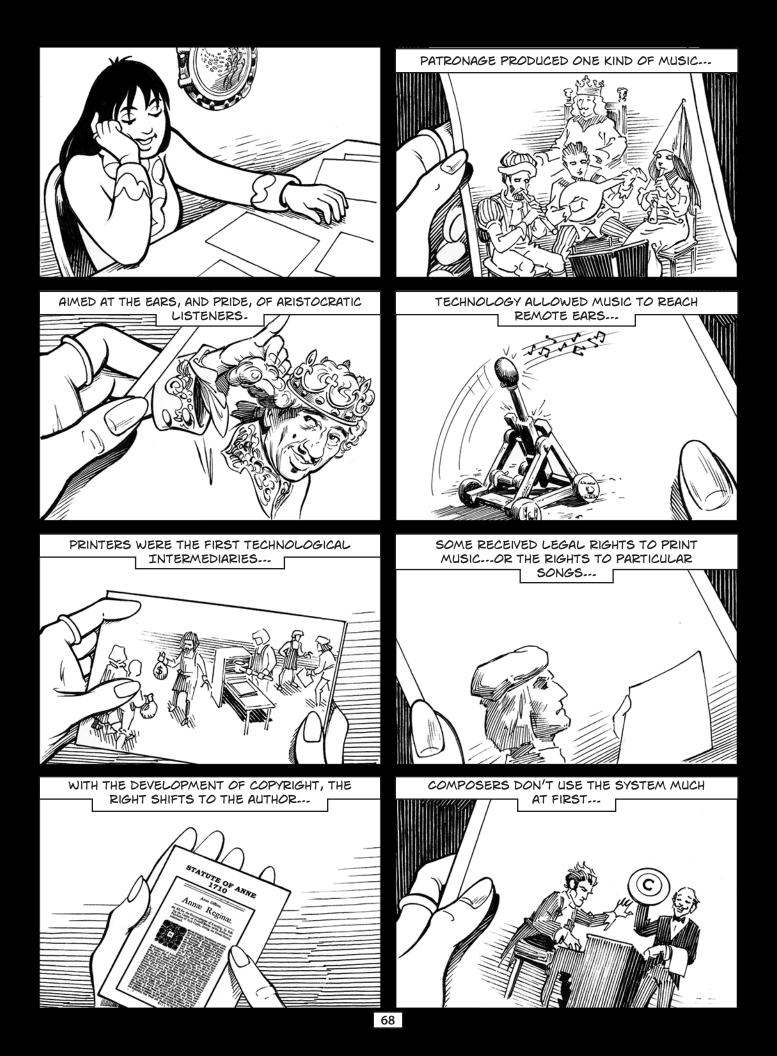


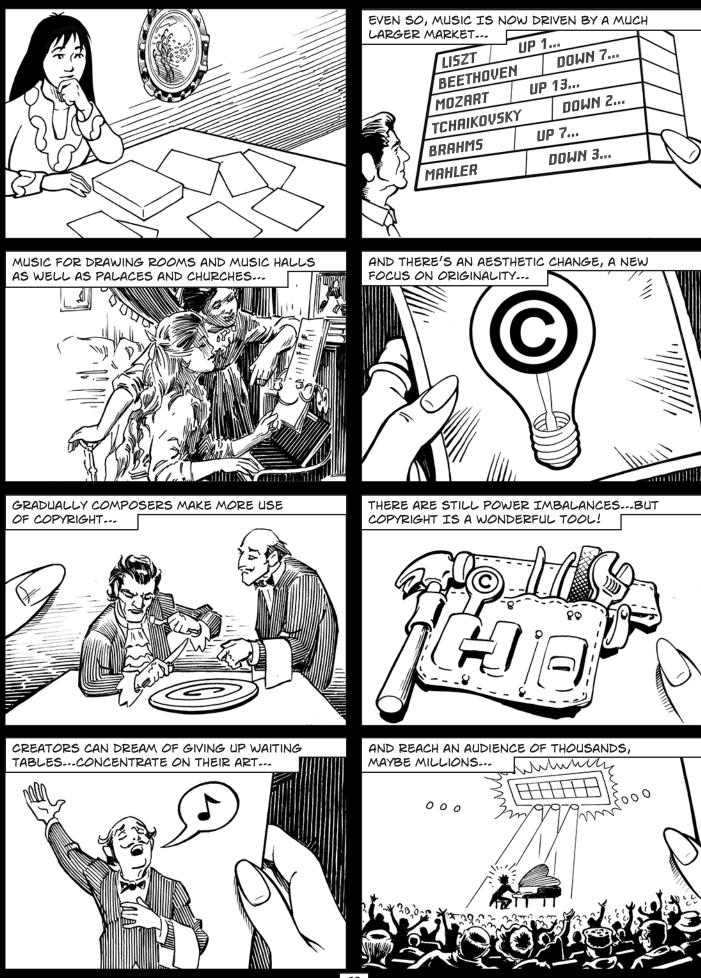








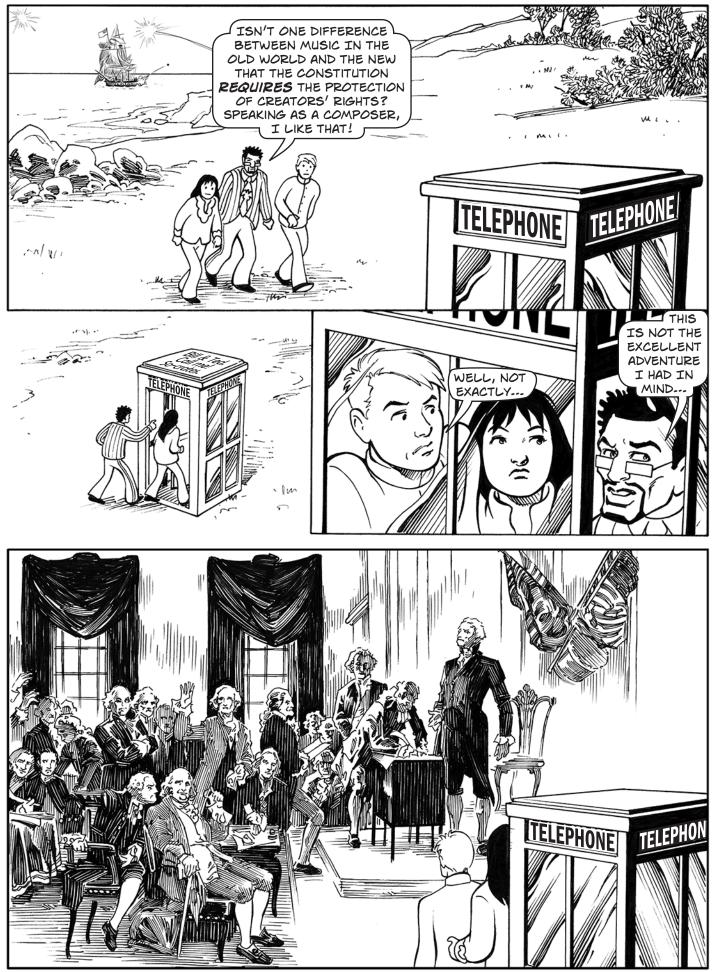






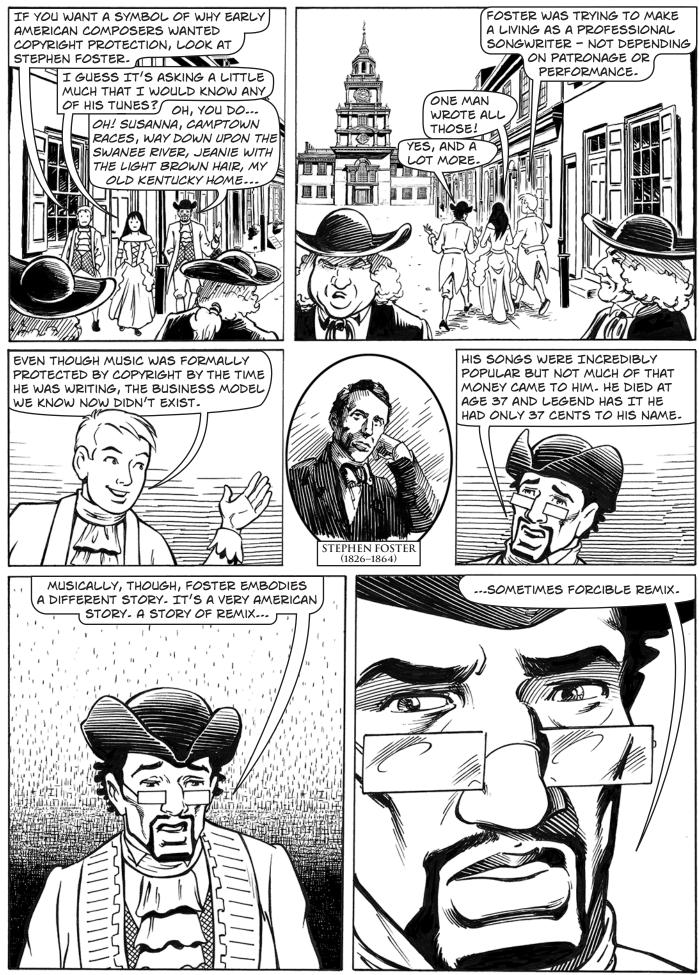




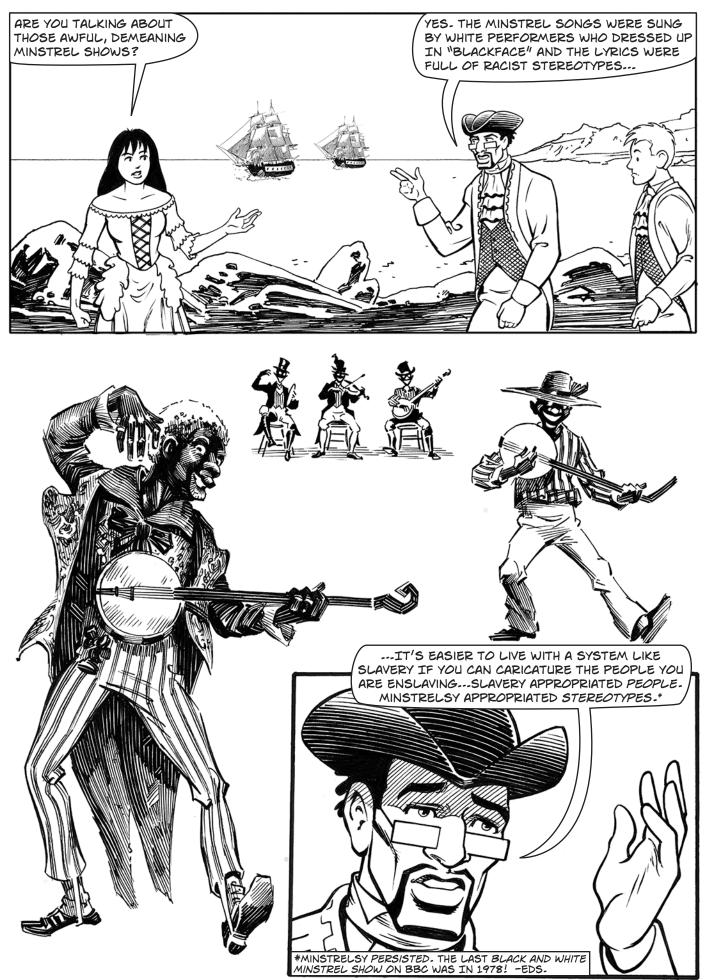




Section. 8. The Congress shall have Power To promote the Progressof cience and useful and, by securing for limited Times to Authors and Preventors the caches we Right to their respective Mitings and Discoveries; SOME OF THE FRAMERS SO IF THE ANACREONTIC SONG HAD OF THE CONSTITUTION HAD BEEN COPYRIGHTED BACK THEN IT CORRESPONDED ABOUT WOULD HAVE BEEN IN THE PUBLIC DIFFERENT WAYS TO DOMAIN BY THE TIME FRANCIS ENCOURAGE INNOVATION SCOTT KEY USED IT FOR THE AND THE SPREAD OF NATIONAL ANTHEM! LEARNING LAND GRANTS ... PRIZES ... THEY SETTLED ON COPYRIGHTS AND PATENTS. CONGRESS IS GIVEN THE POWER TO "PROMOTE THE PROGRESS OF SCIENCE AND USEFUL ARTS" BY GIVING EXCLUSIVE RIGHTS FOR LIMITED TIMES TO AUTHORS AND INVENTORS. HOW LONG IS IN THE FIRST COPYRIGHT THE "LIMITED ACT IT WAS 14 YEARS ... TIME"? RENEWABLE FOR 16332.0000.000 HOW LONG ANOTHER 14 ... DOES COPYRIGHT LAST NOW? NOW IT IS BUT THAT ACT DIDN'T MENTION MUSIC. CONGRESS THE LIFE OF WAS MORE CONCERNED ABOUT MAPS AND THE AUTHOR ... BOOKS. IT WASN'T UNTIL 1831 THAT MUSIC WAS -PLUS EXPLICITLY INCLUDED. THE COPYRIGHT LASTED 70 YEARS 28 YEARS, RENEWABLE FOR ANOTHER 14. SO A SONG --- FOR THE WRITTEN BY FRANCIS SCOTT A 25 YEAR KEYS OF THE OLD TODAY MODERN WORLD IN WILL BE TO REMIX ABOUT ENTERING 120 THE PUBLIC YEARS. DOMAIN



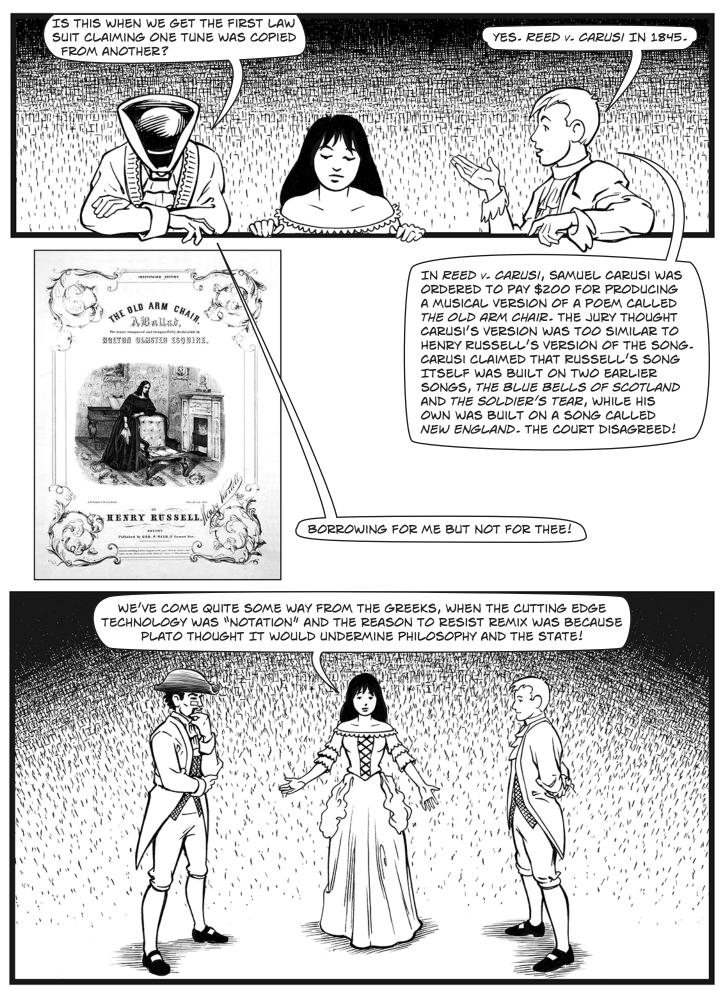




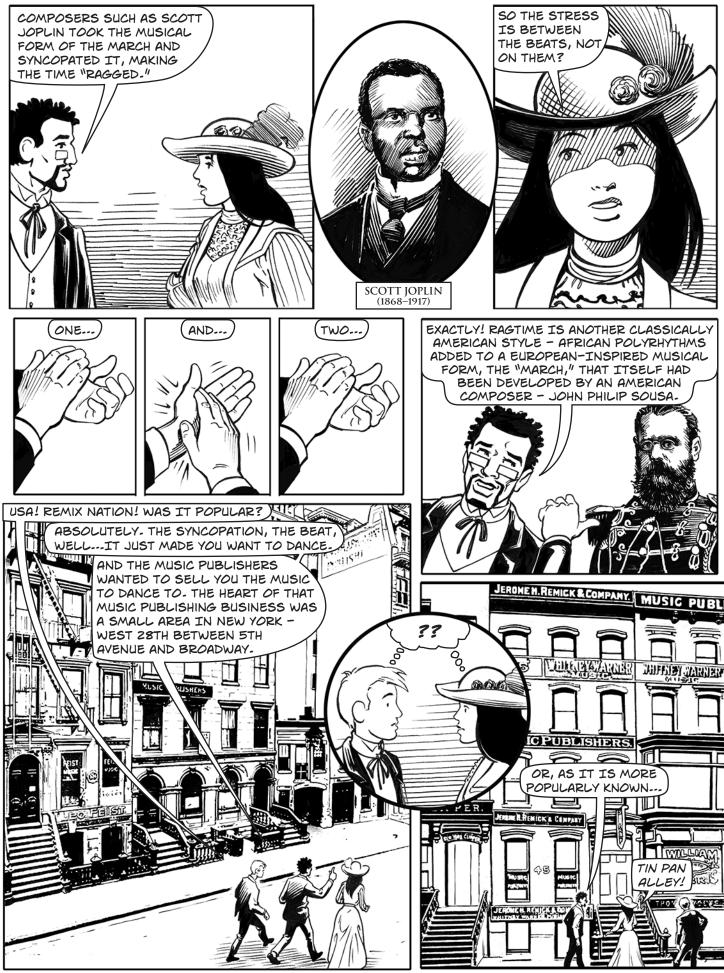








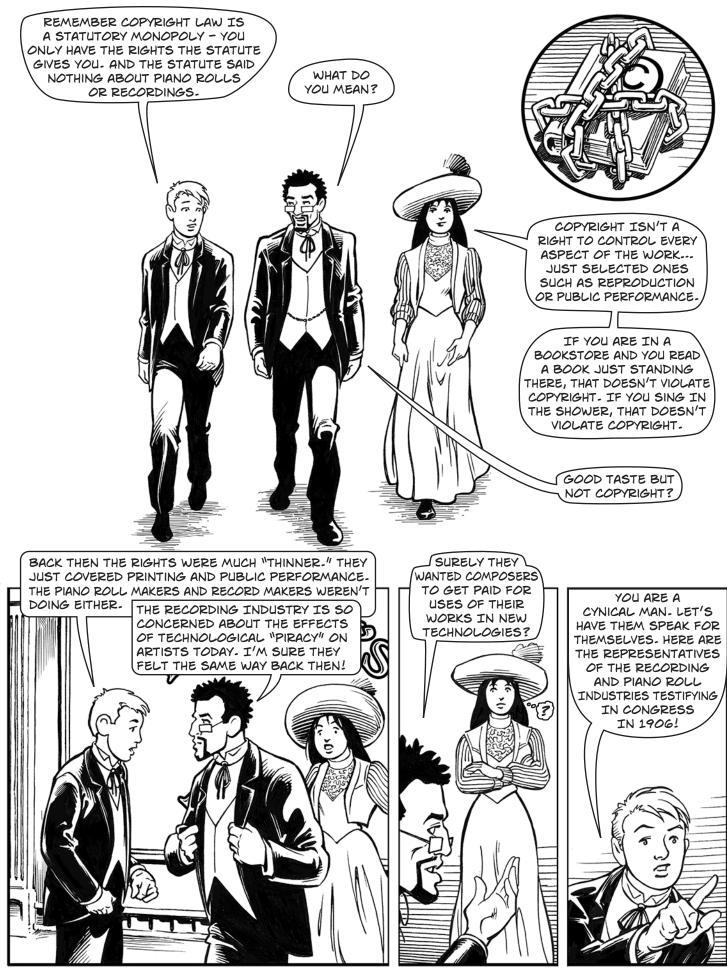








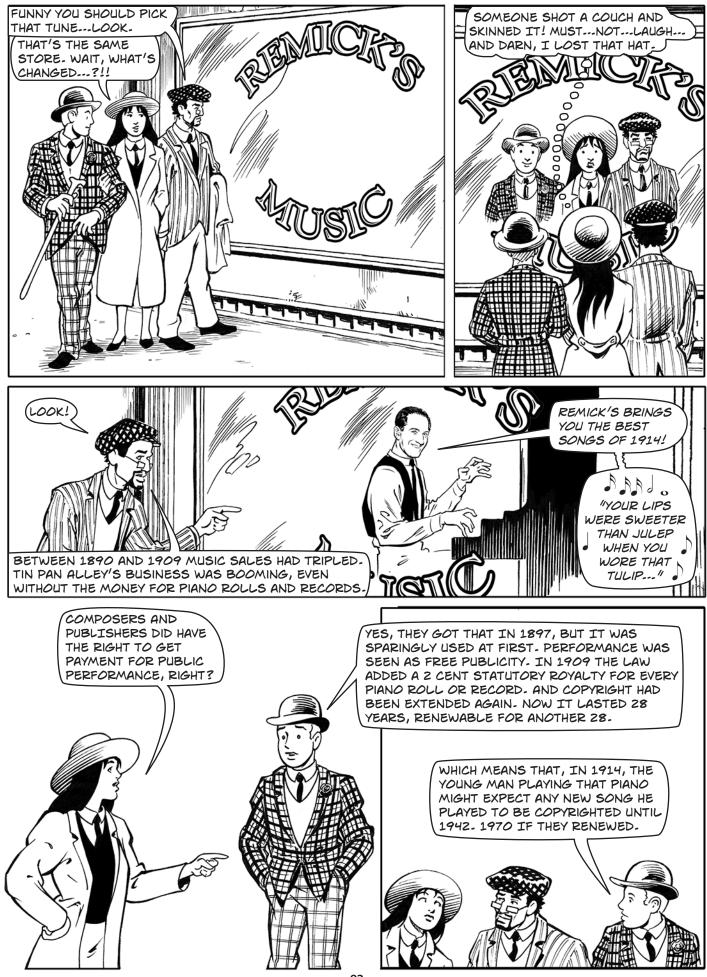


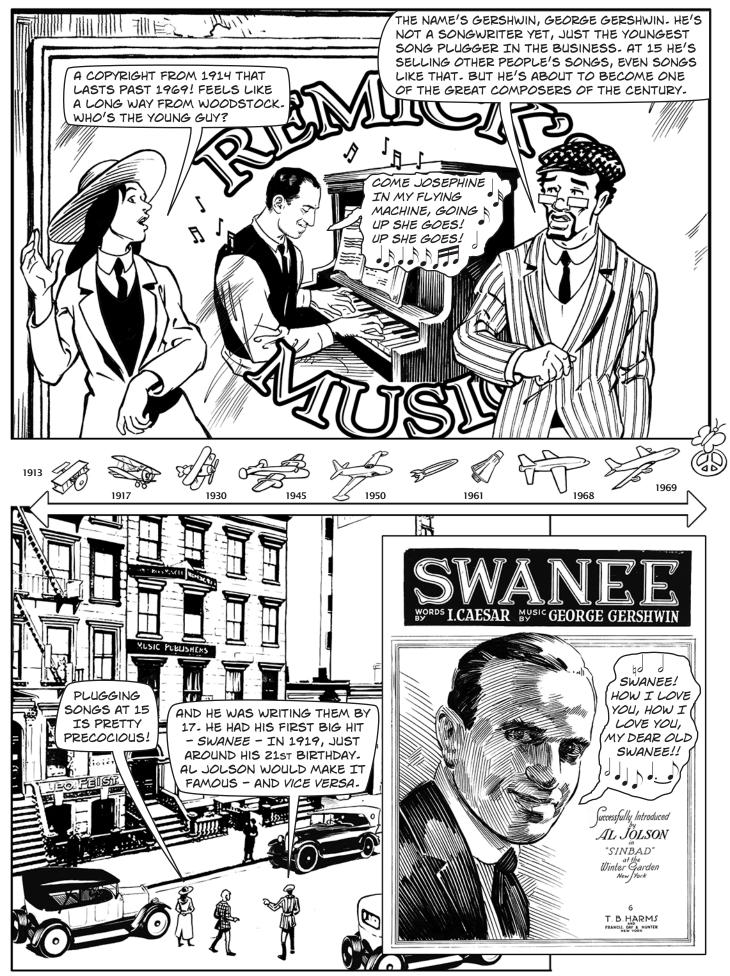






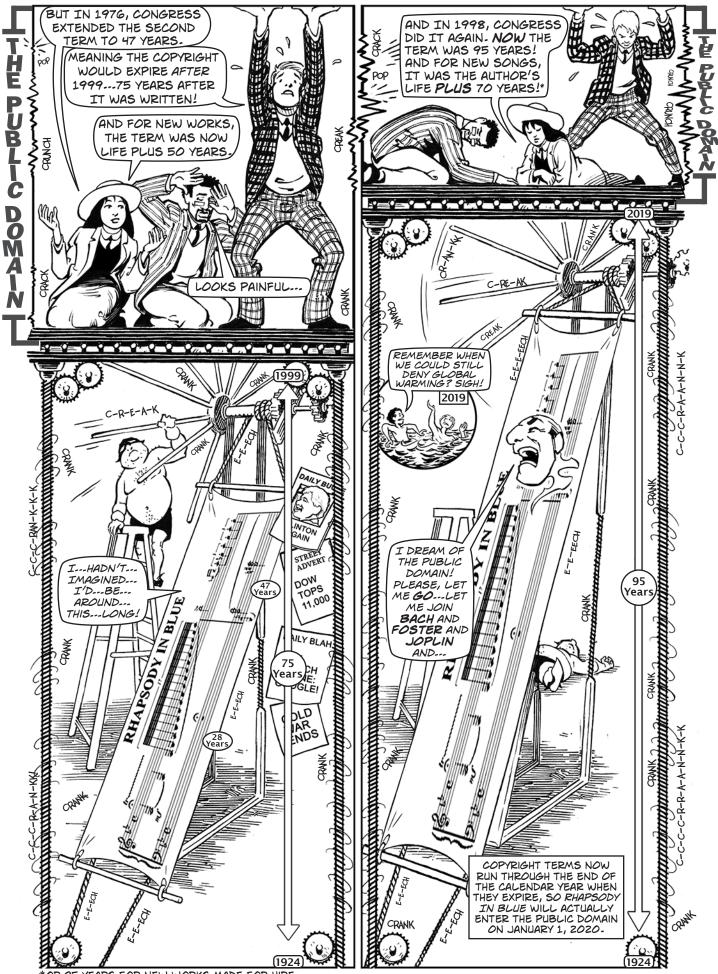












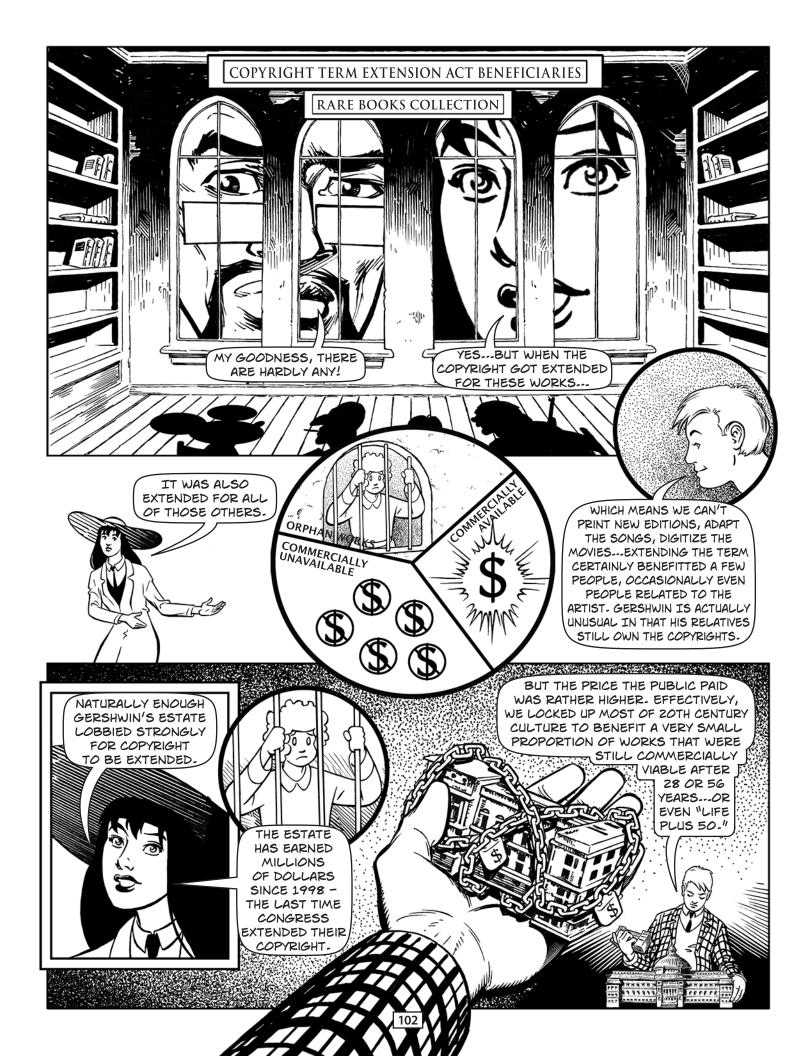








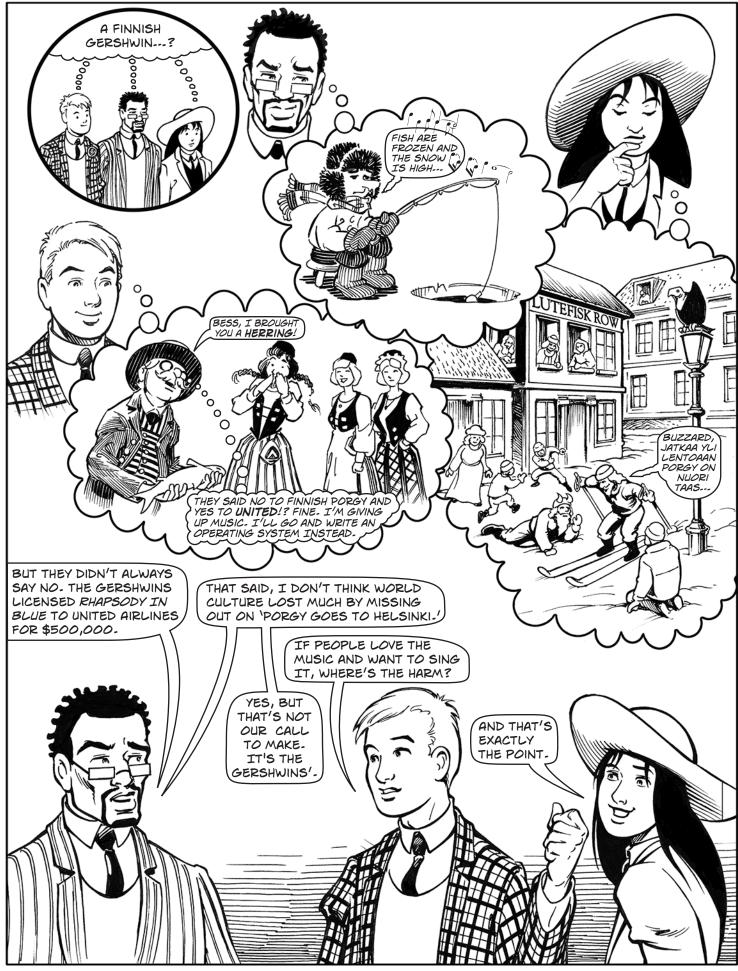




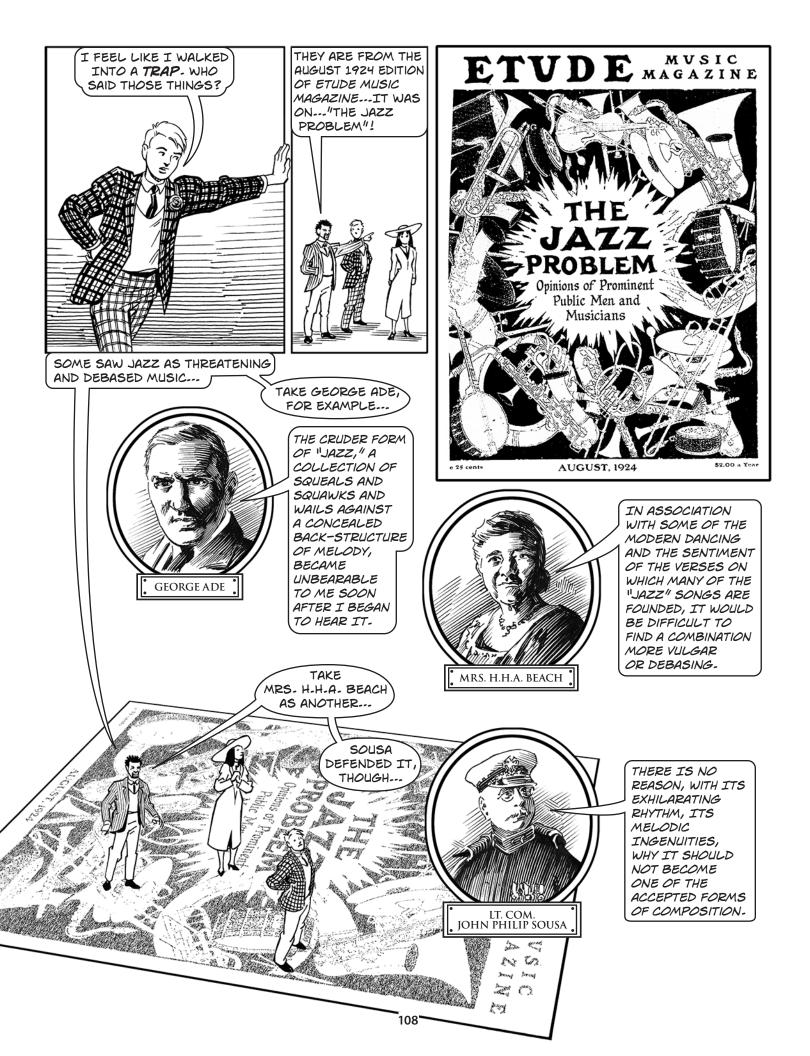












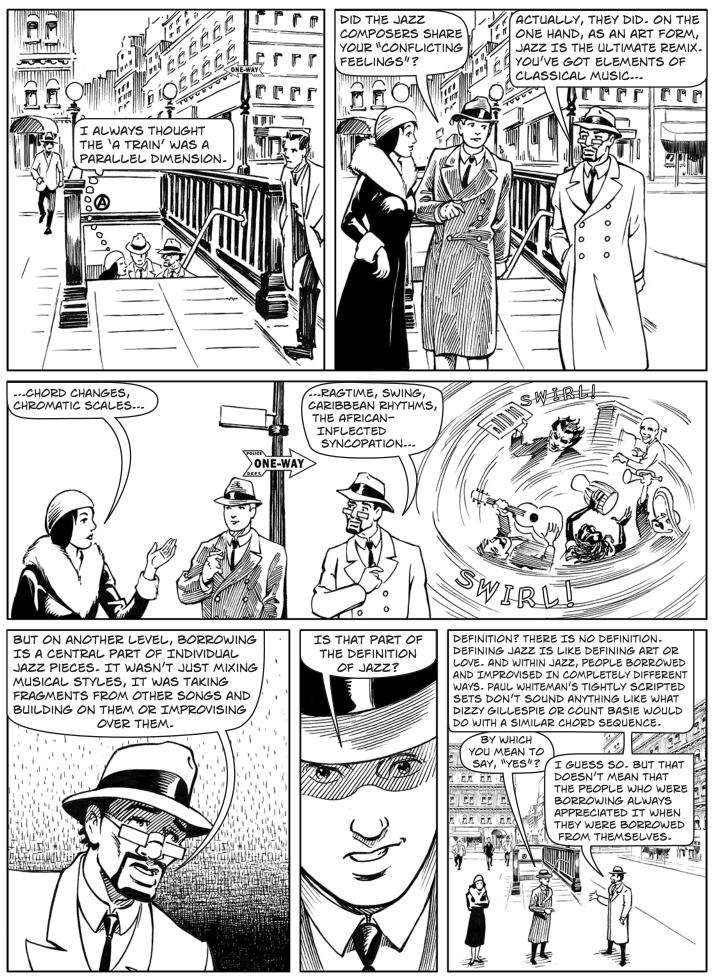


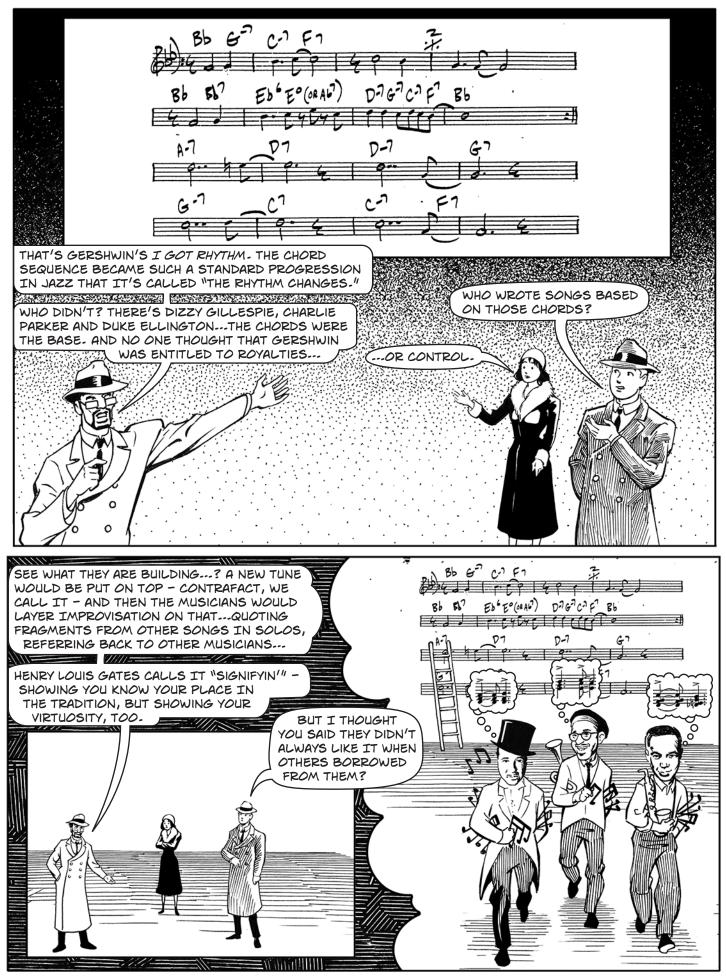


















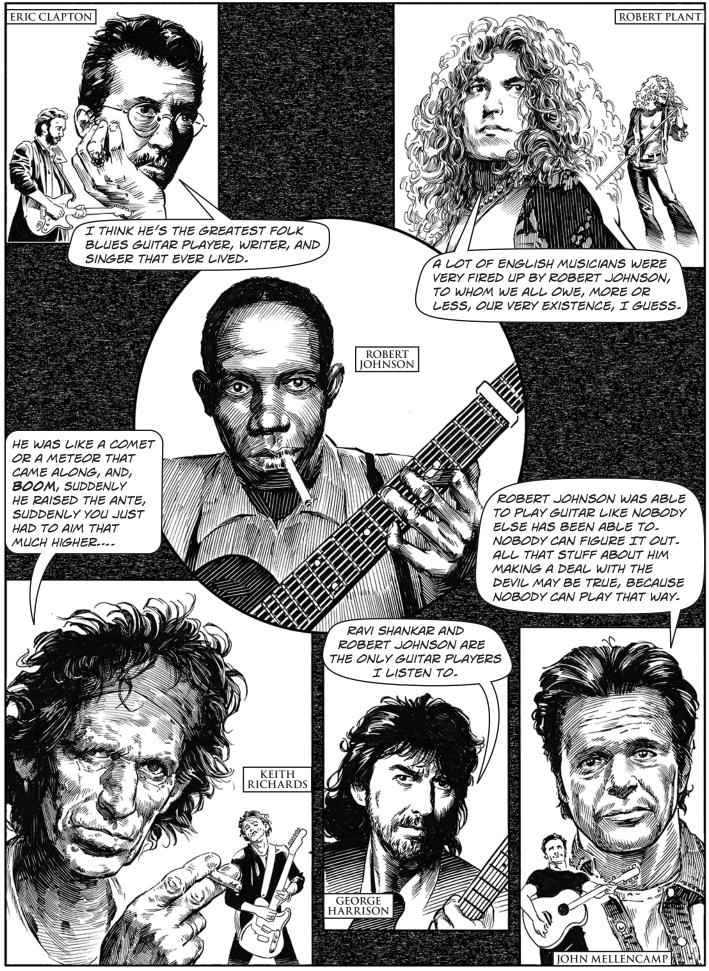










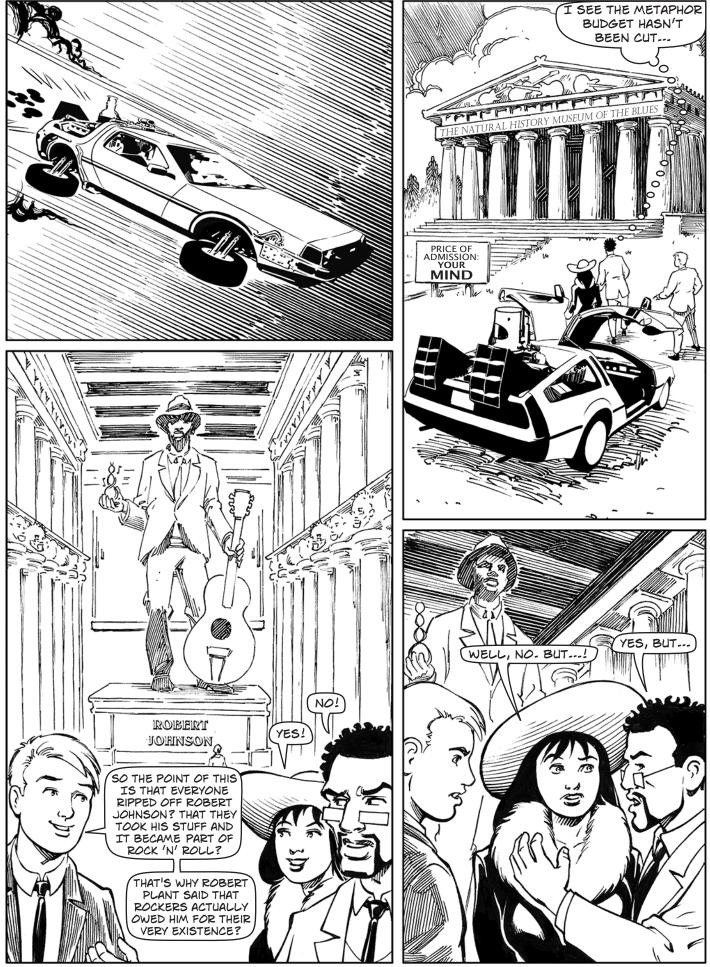


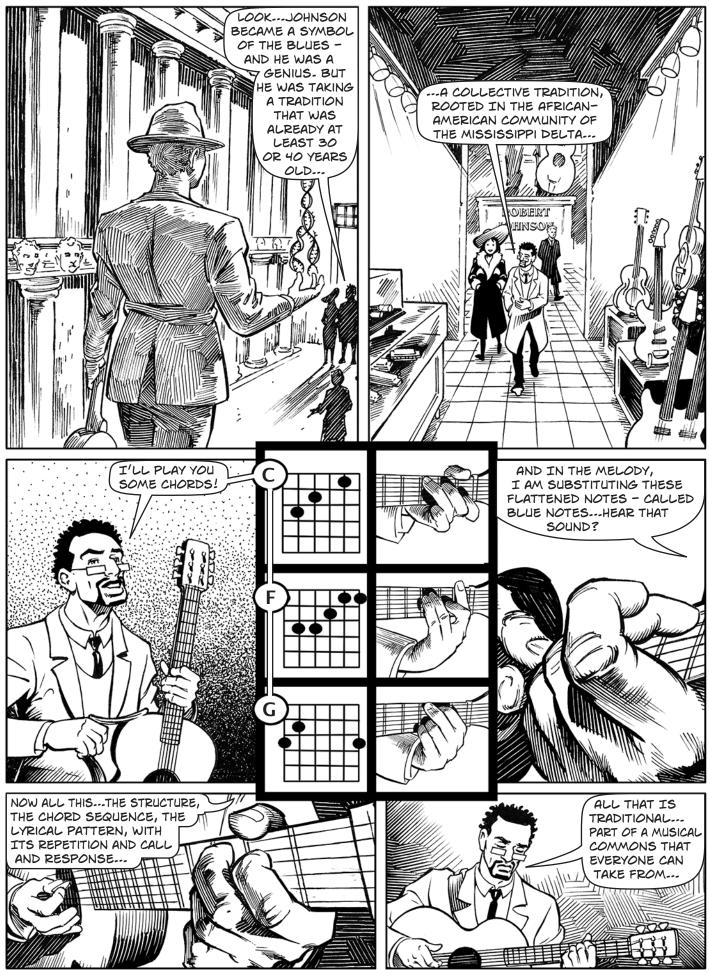


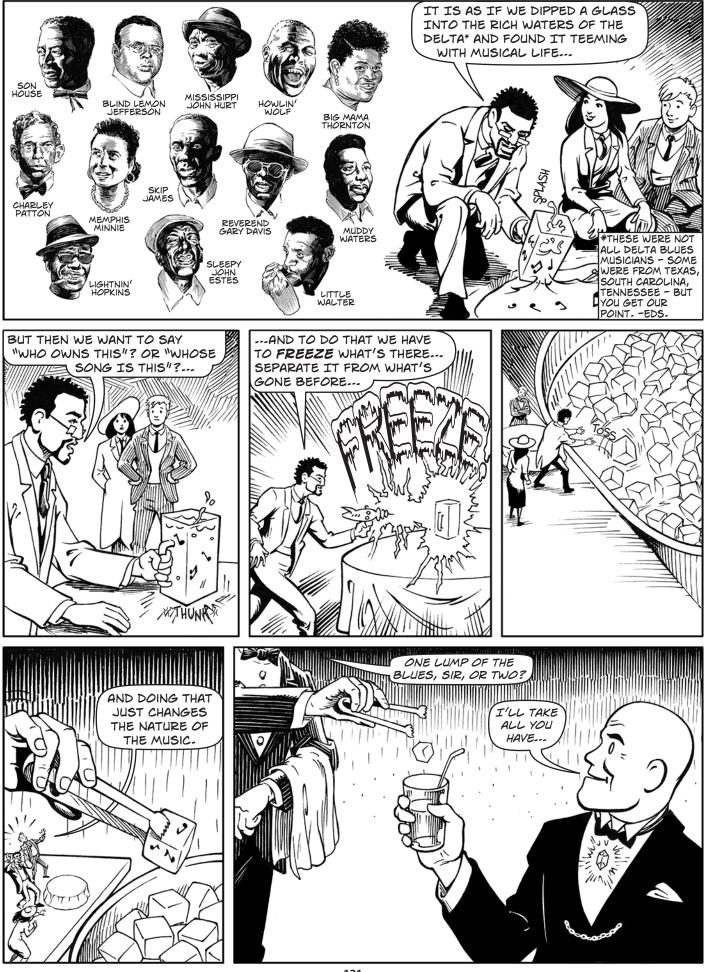


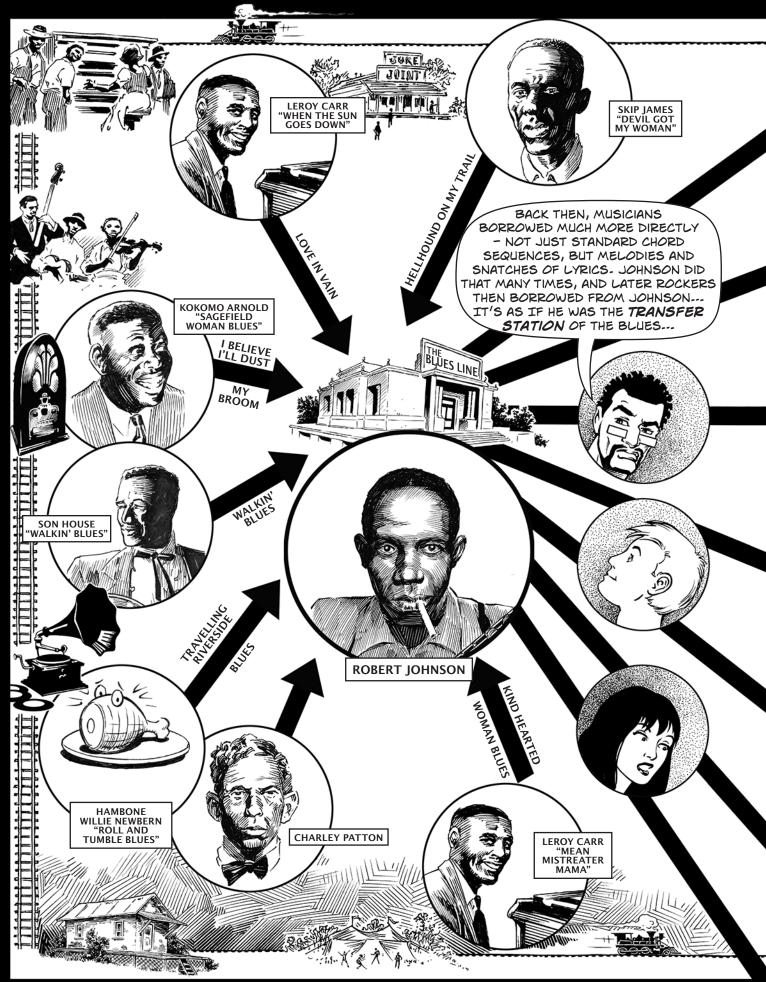


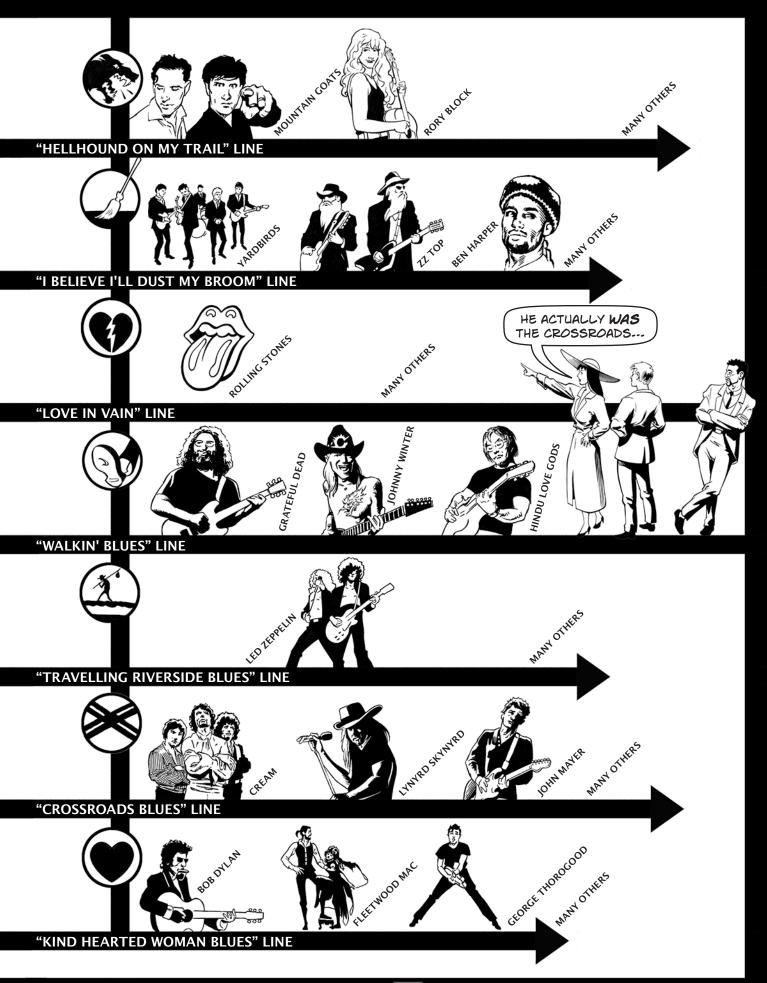


















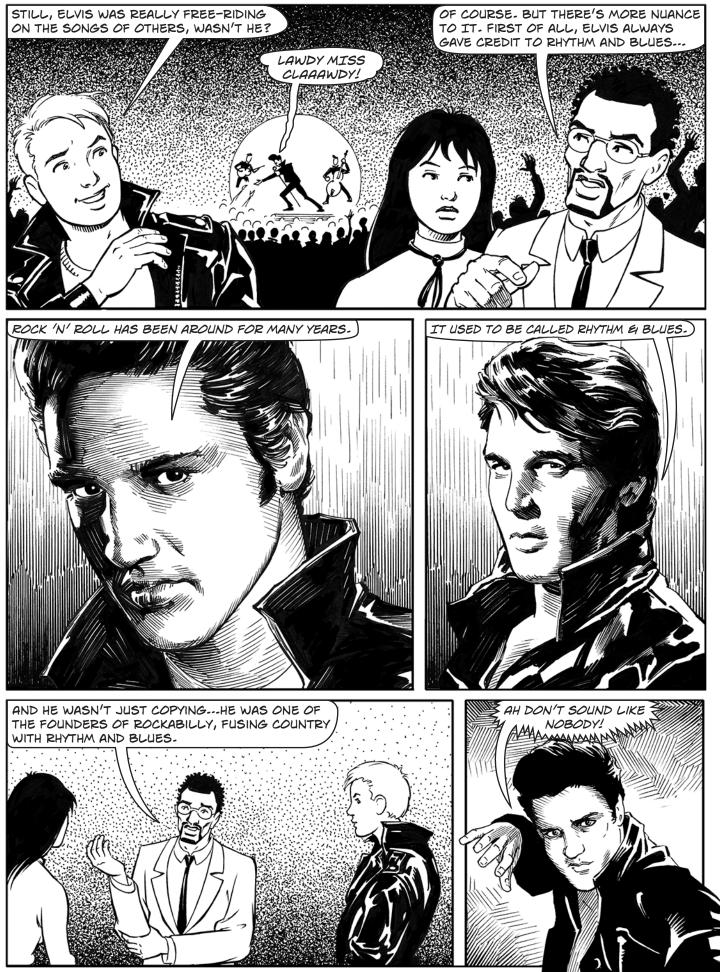


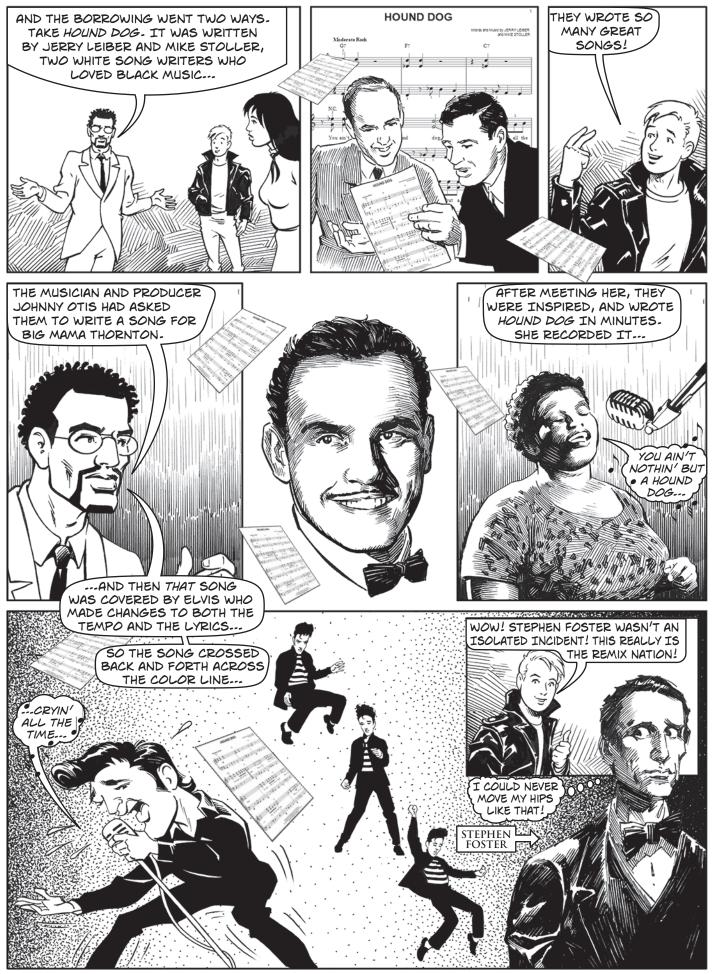




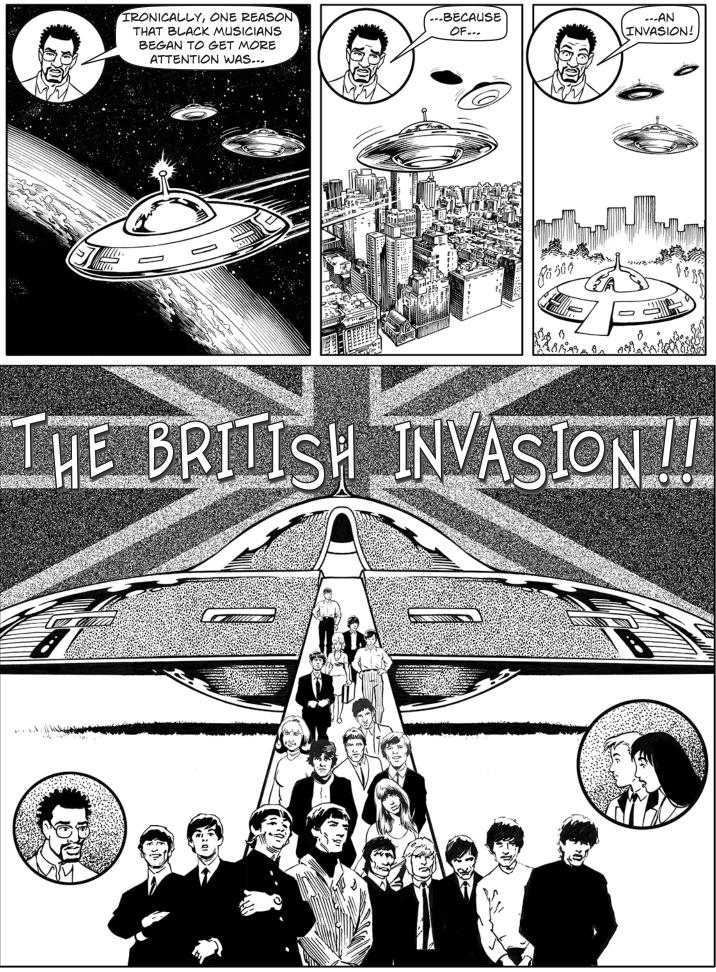






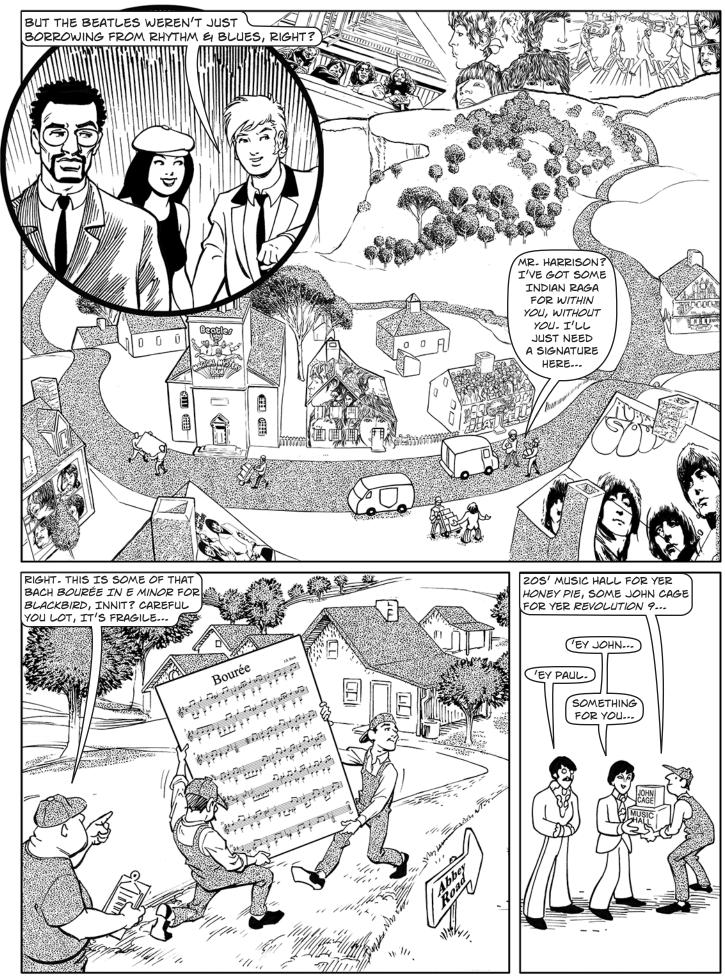














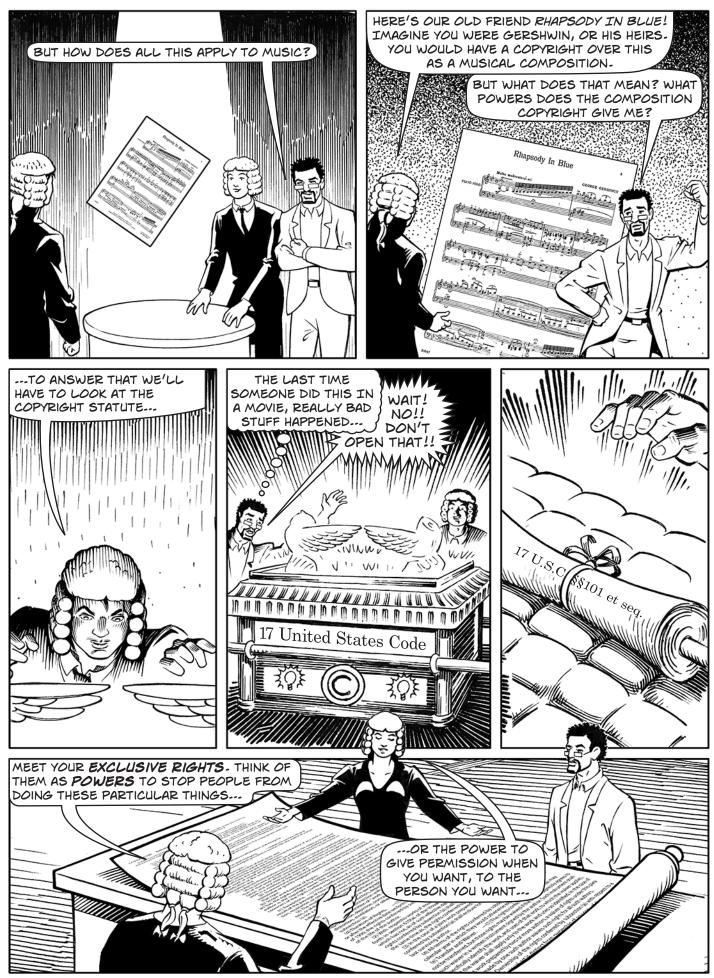


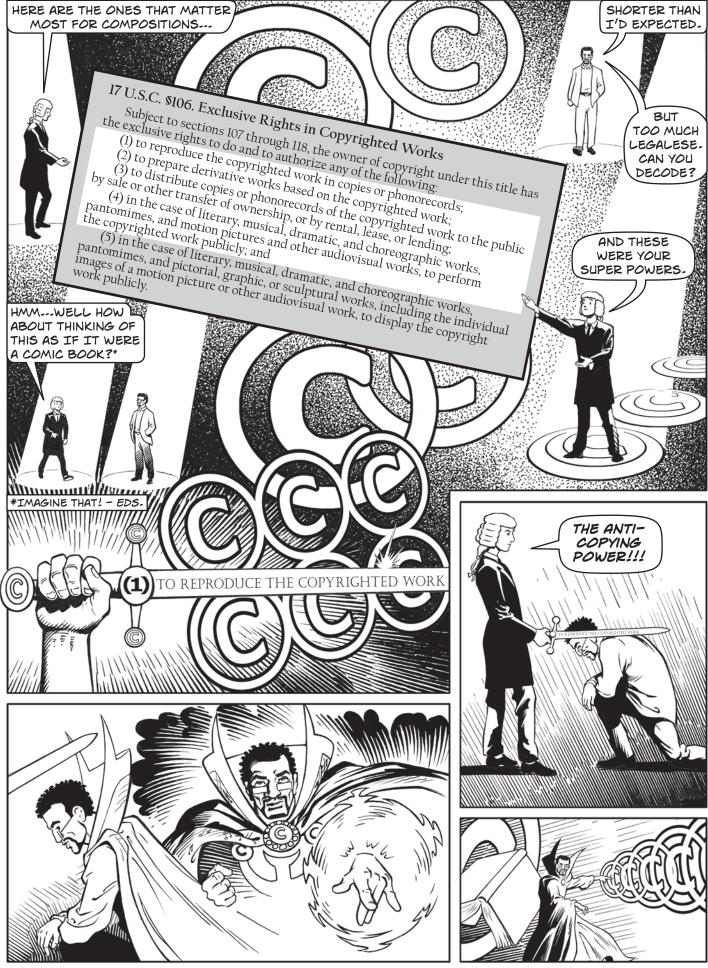








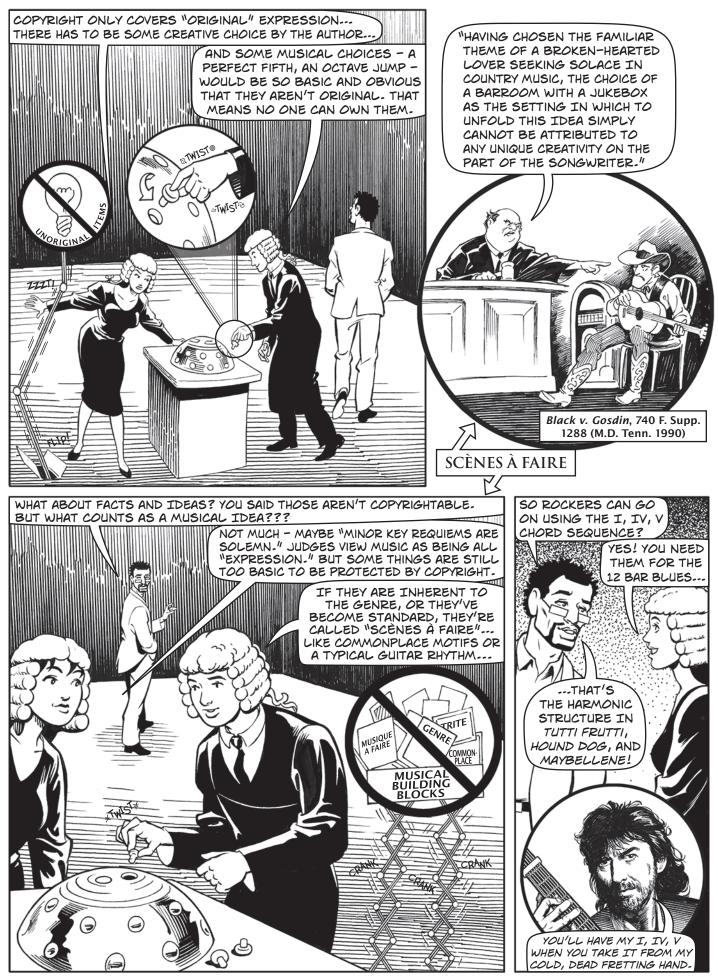




















































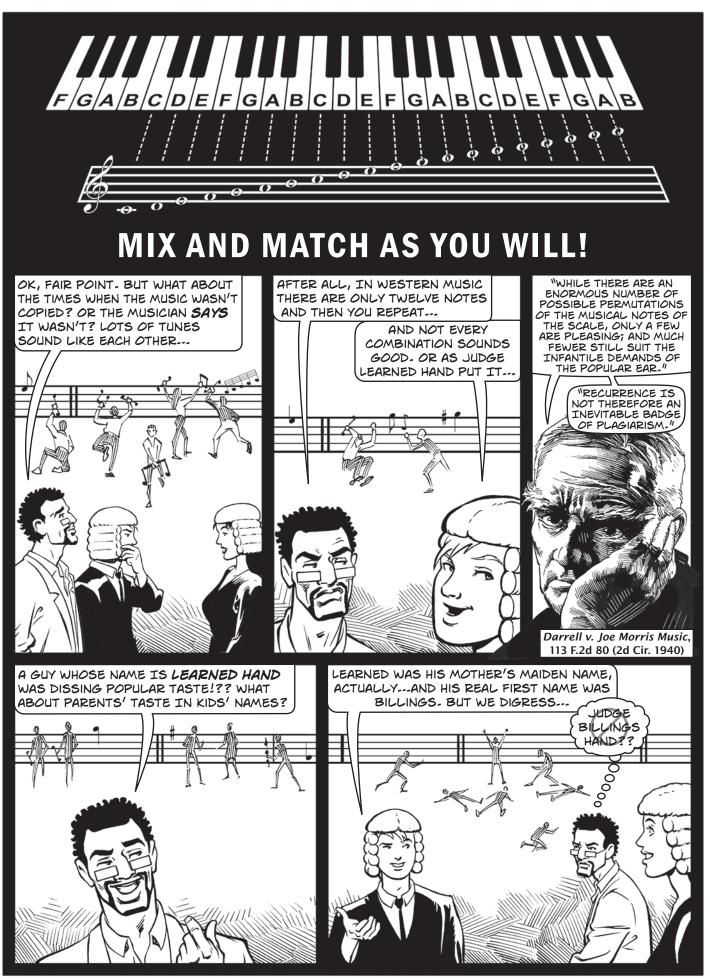






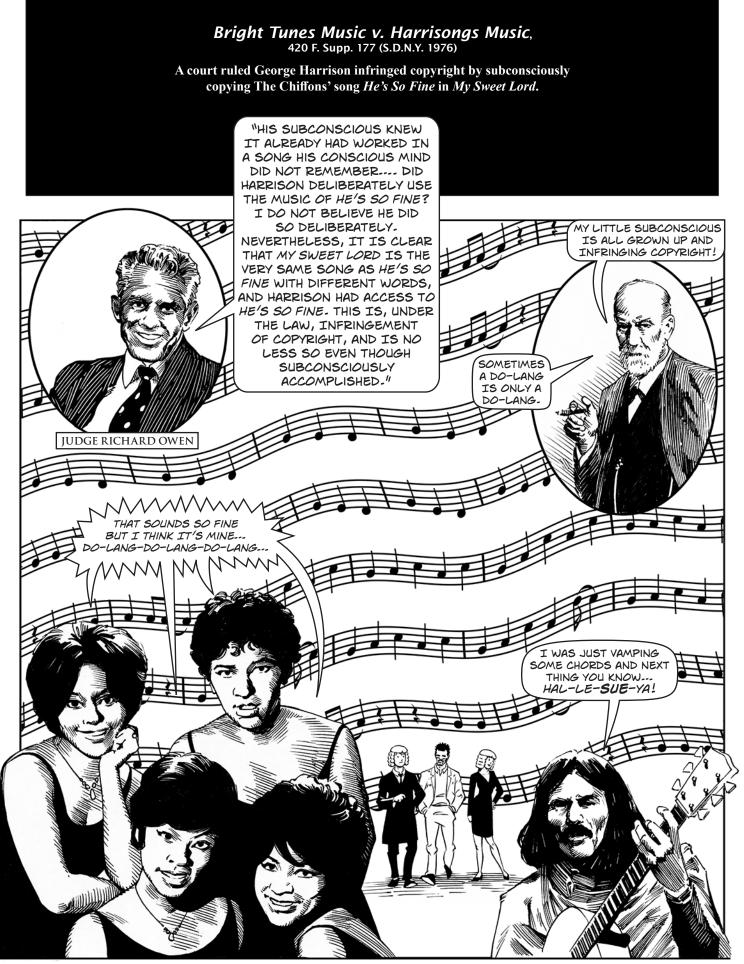














Three Boys Music v. Michael Bolton, 212 F.3d 477 (9th Cir. 2000)

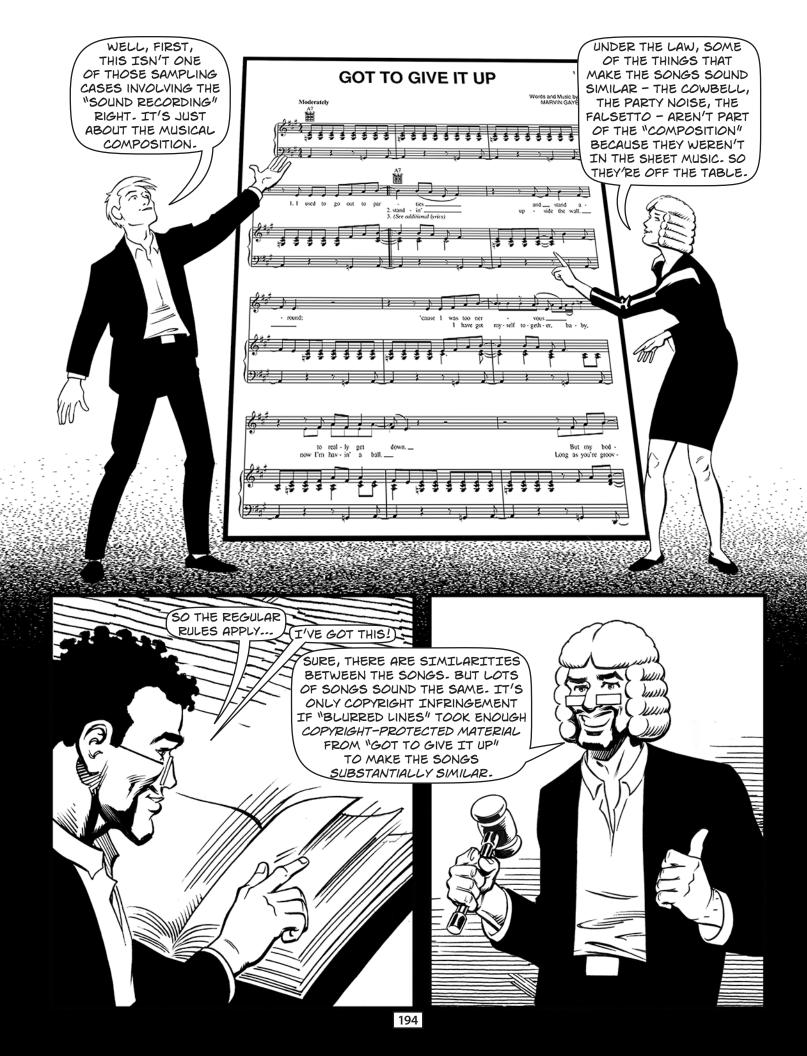
A court upheld a \$5.4 million jury verdict against singer Michael Bolton for subconsciously copying an Isley Brothers' song that he might have heard in his youth.

















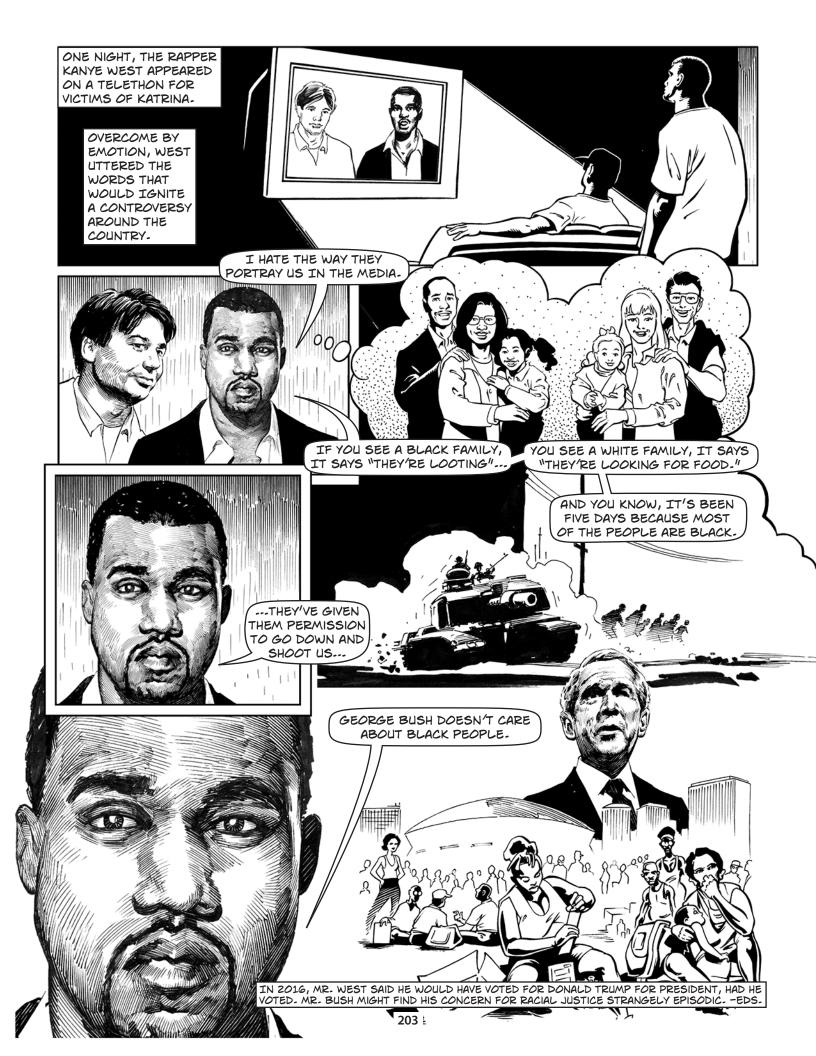


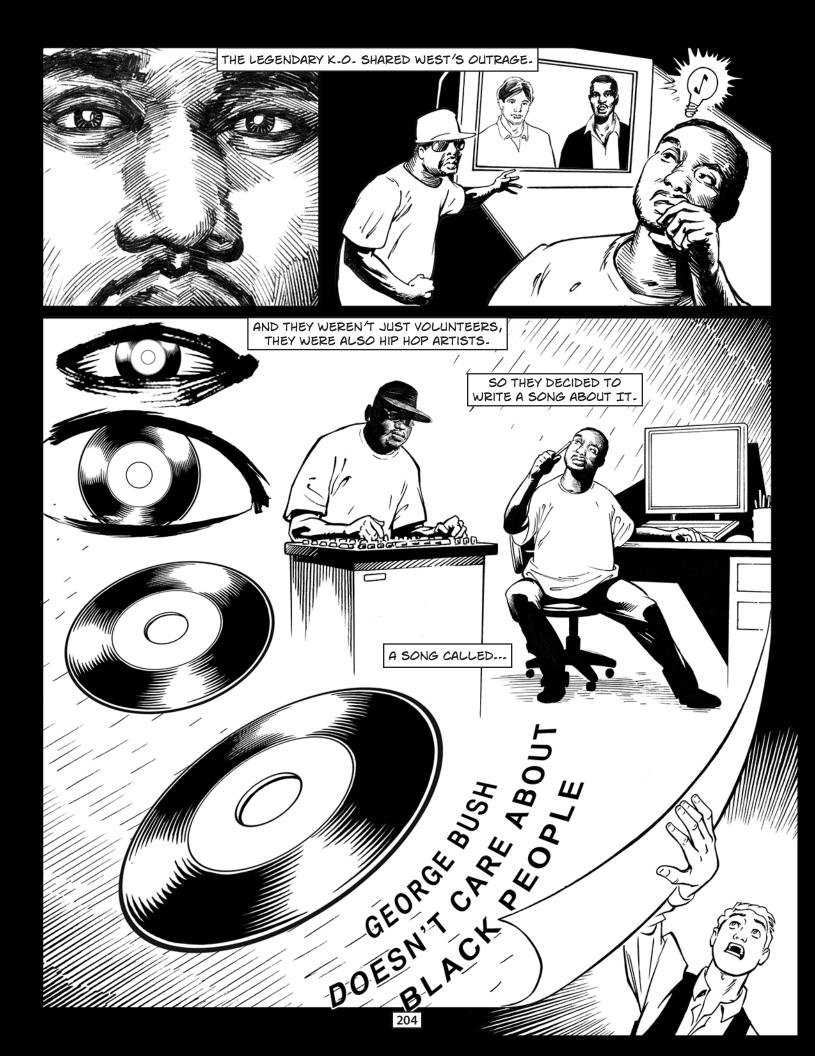






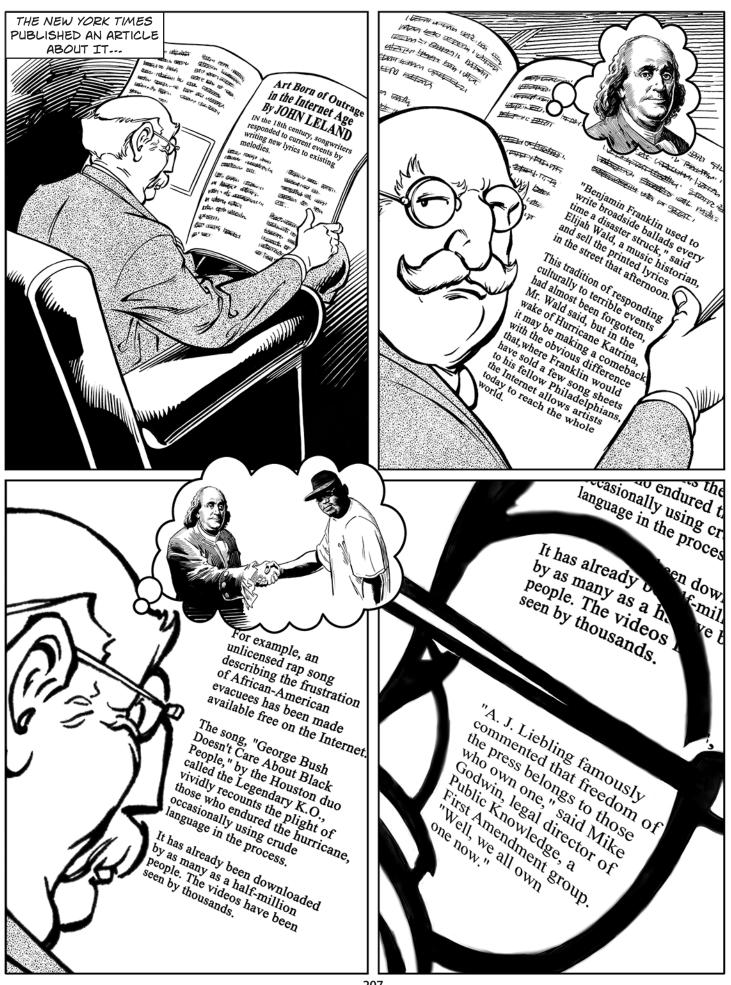














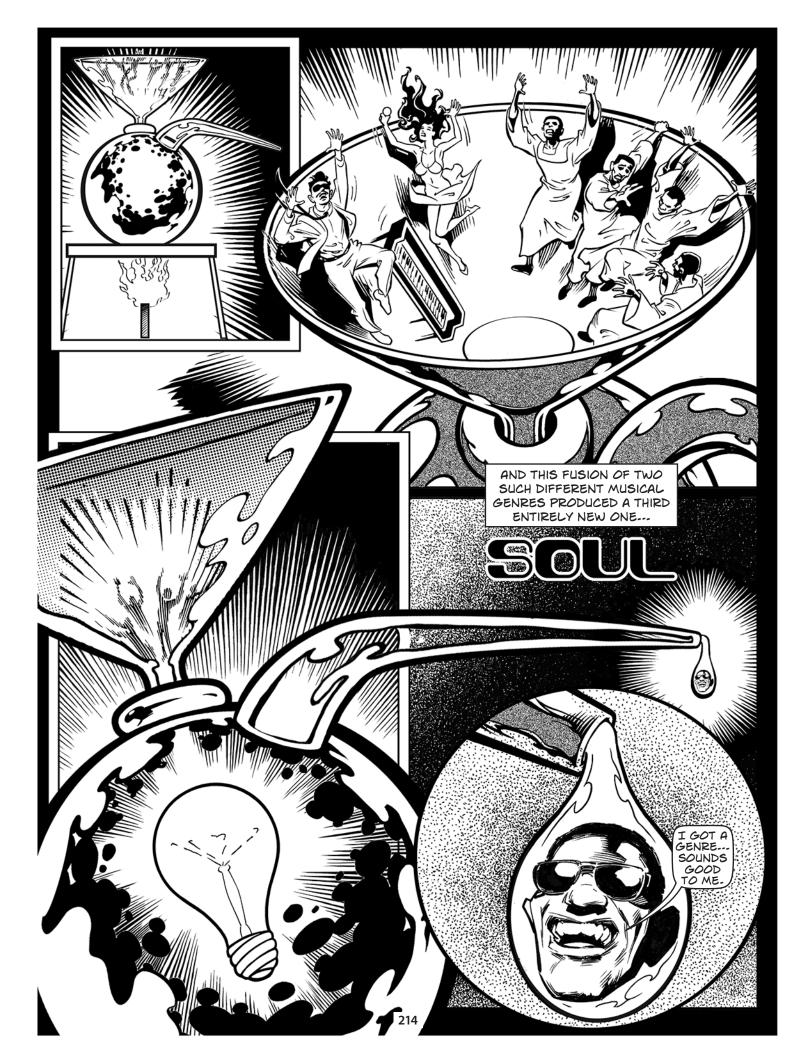




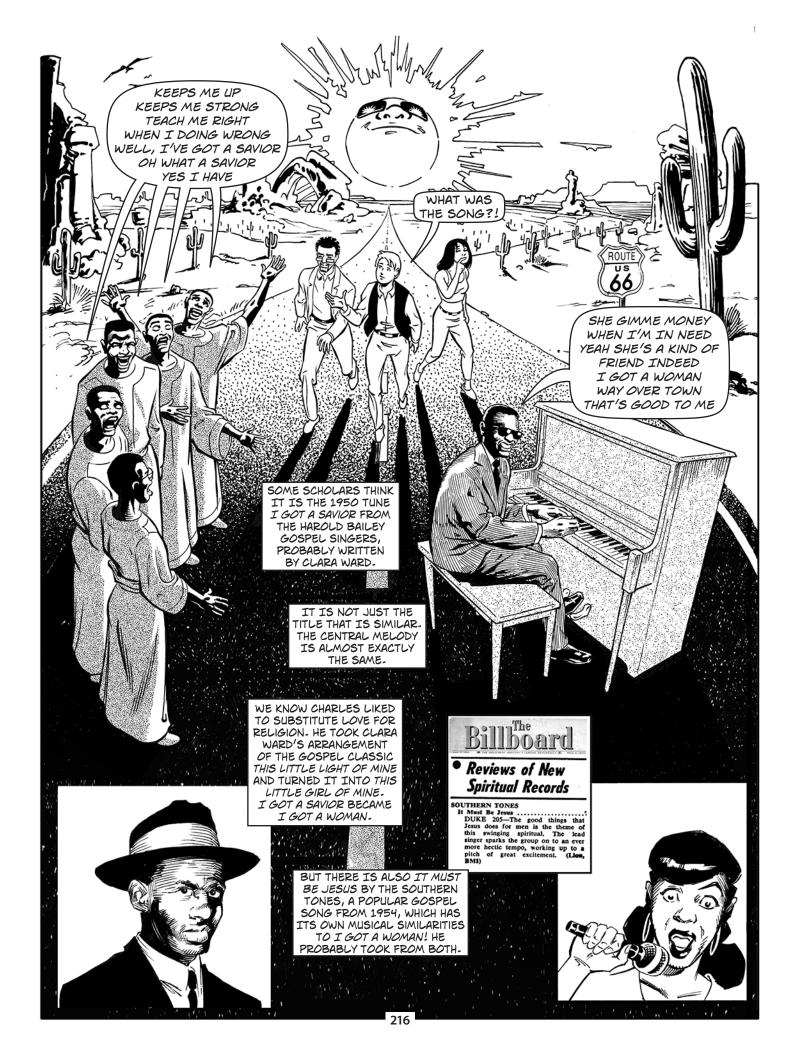






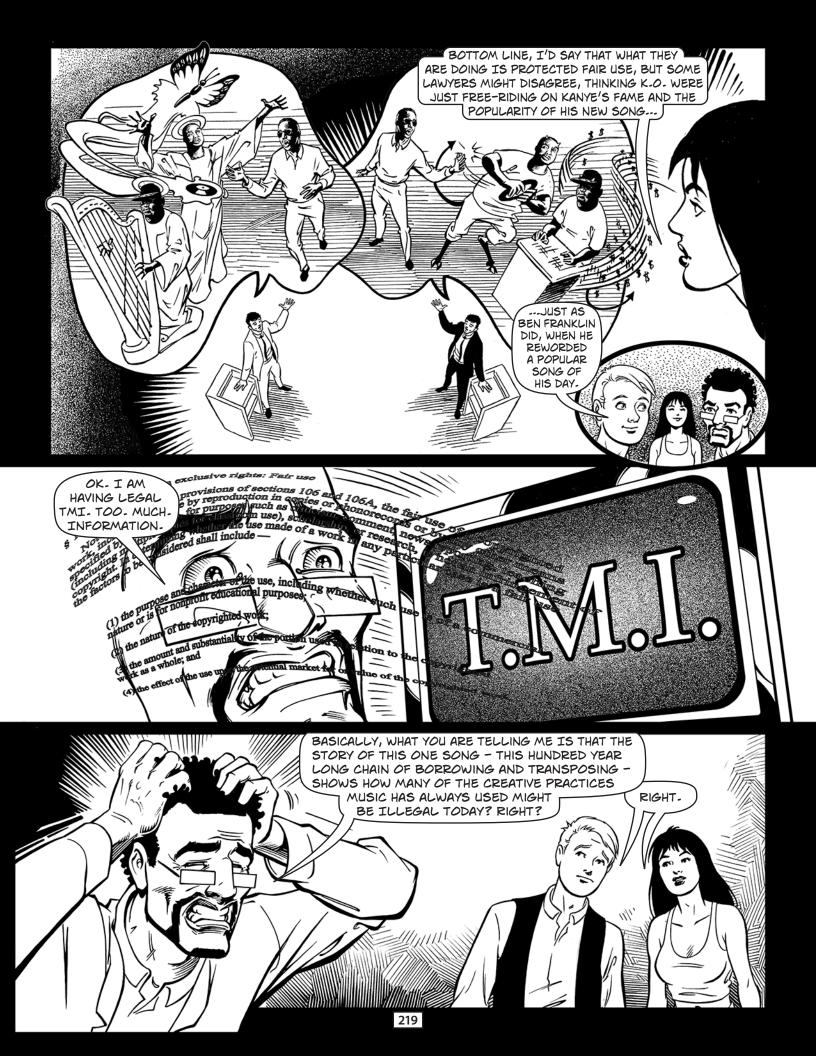


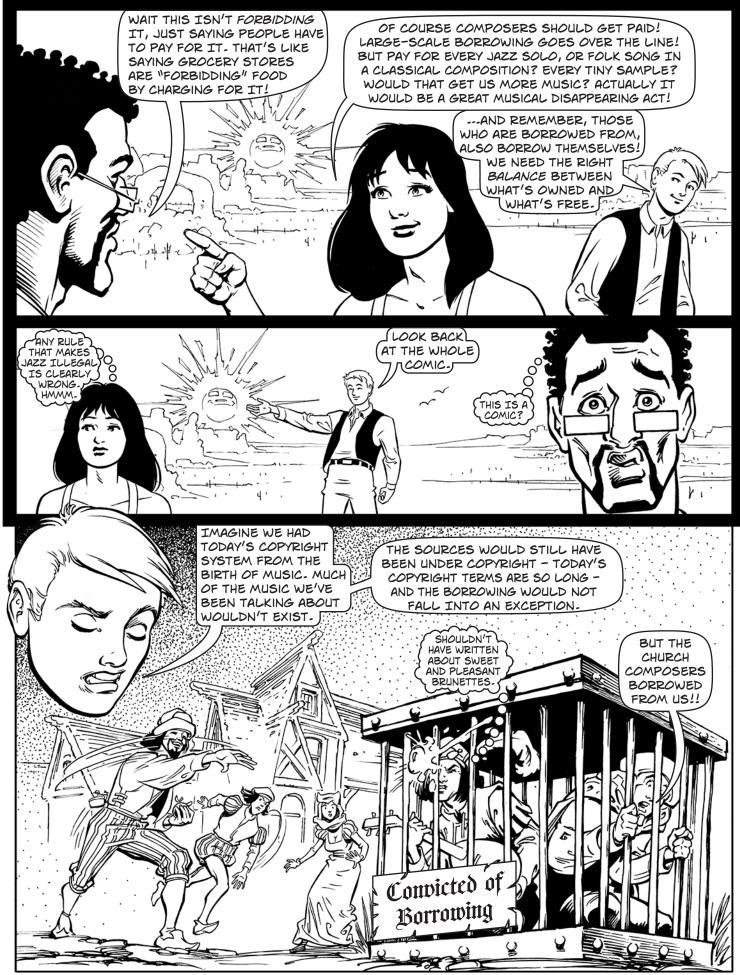








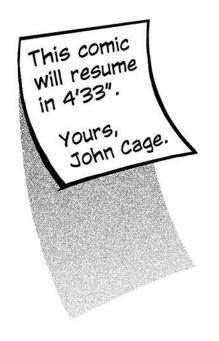






EVER HEARD THE PHRASE 'QUIET AS A MOUSE ? WE SHOULD SUE HIM!

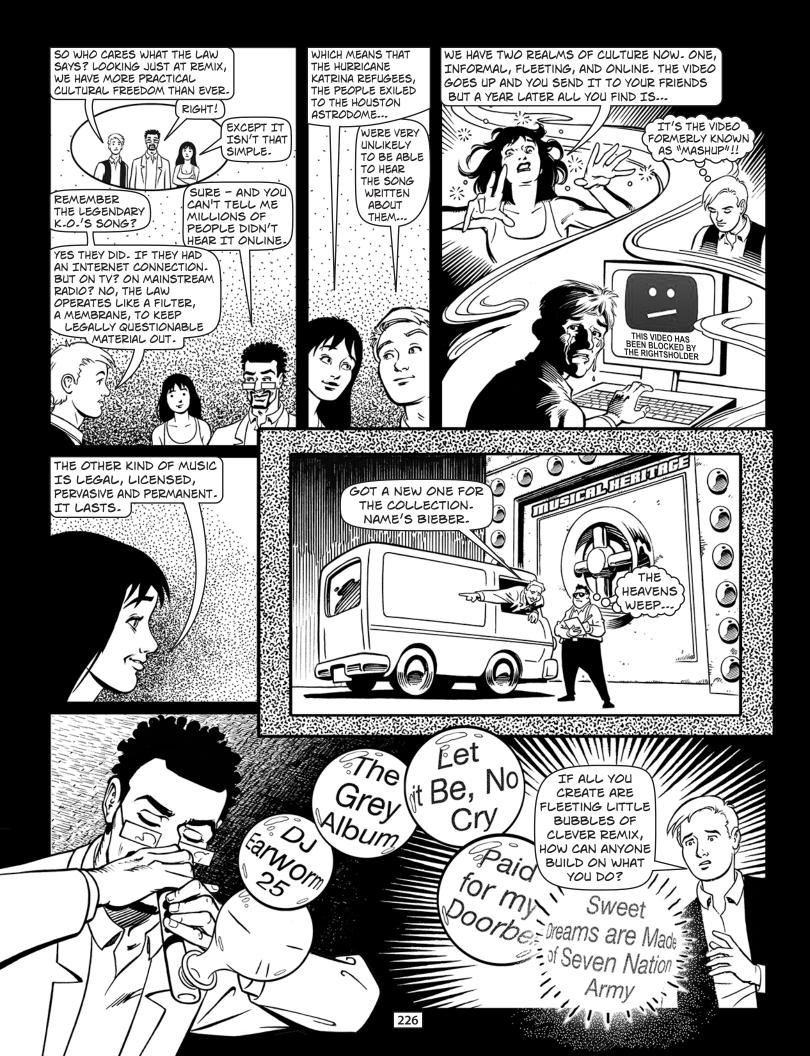
I THINK CAGE'S SILENCE IS A FLAGRANT RIPOFF OF WE MICE.

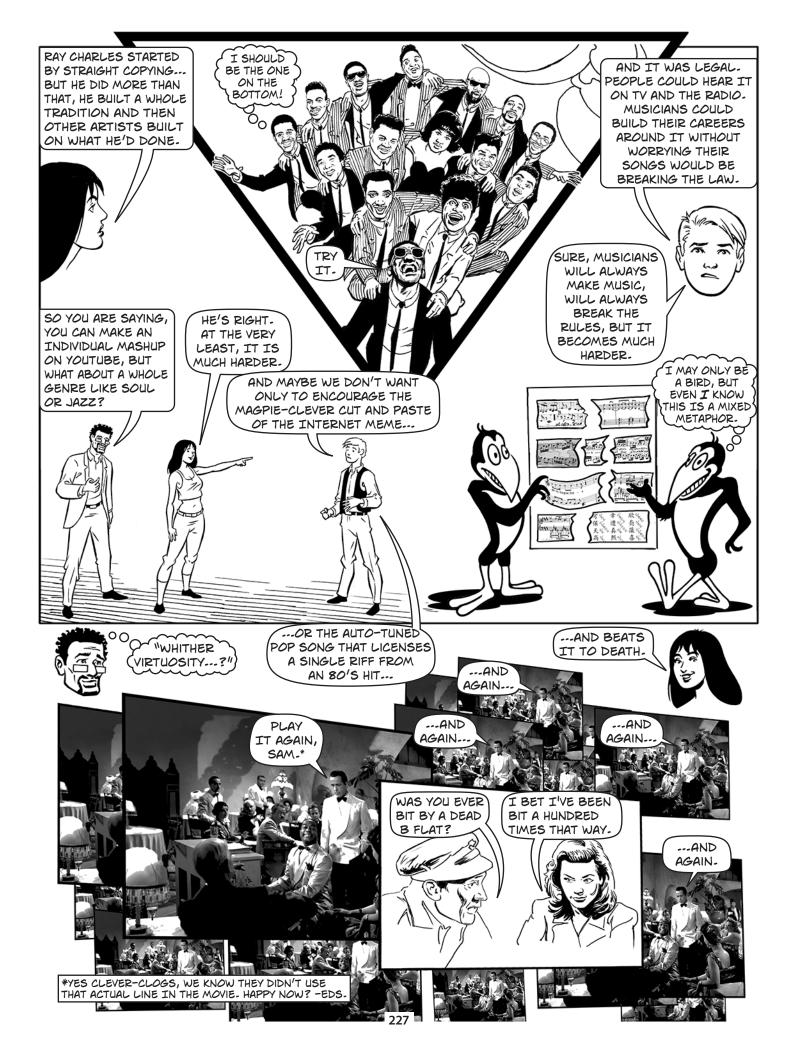






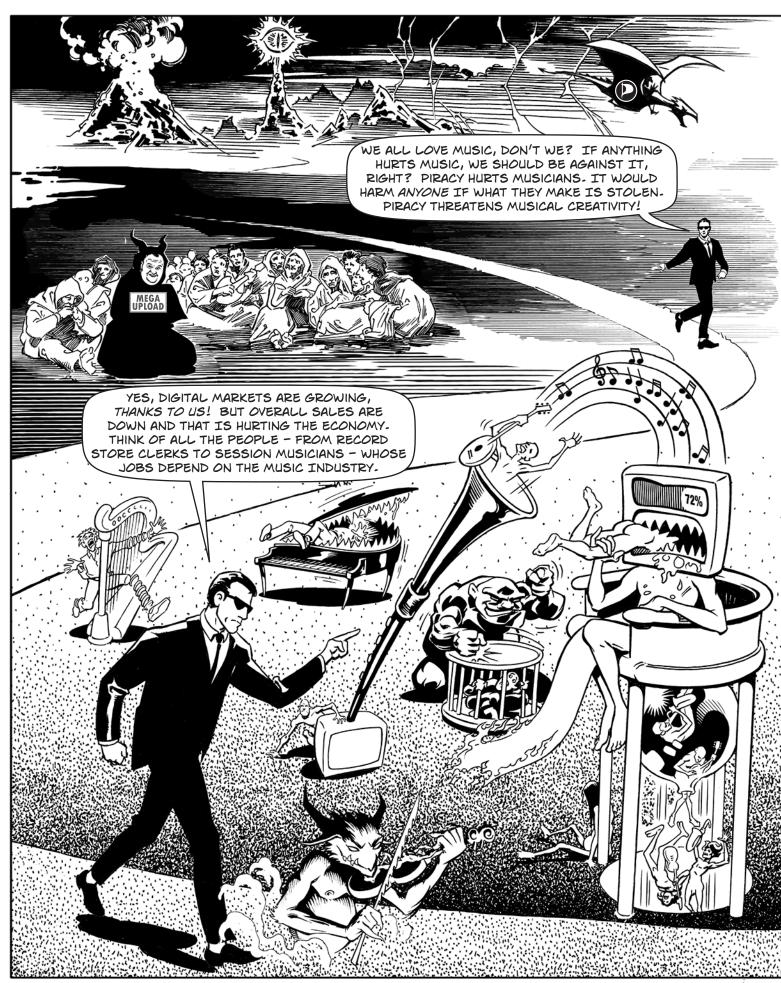
















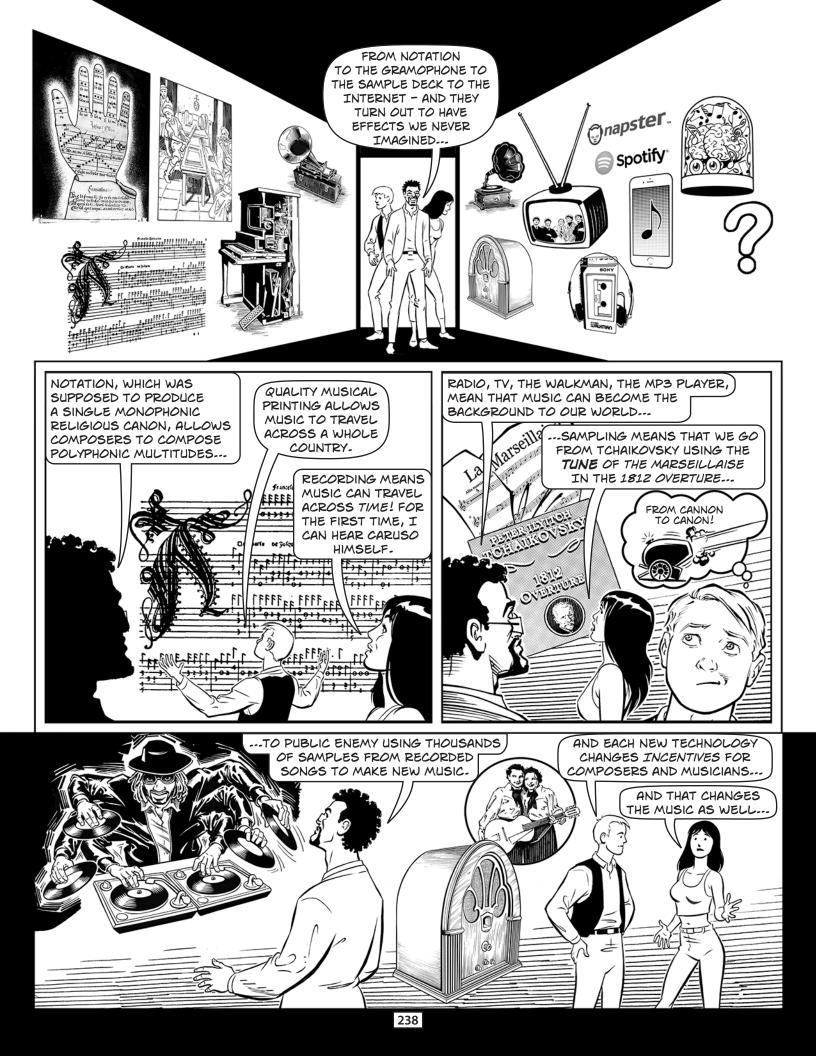


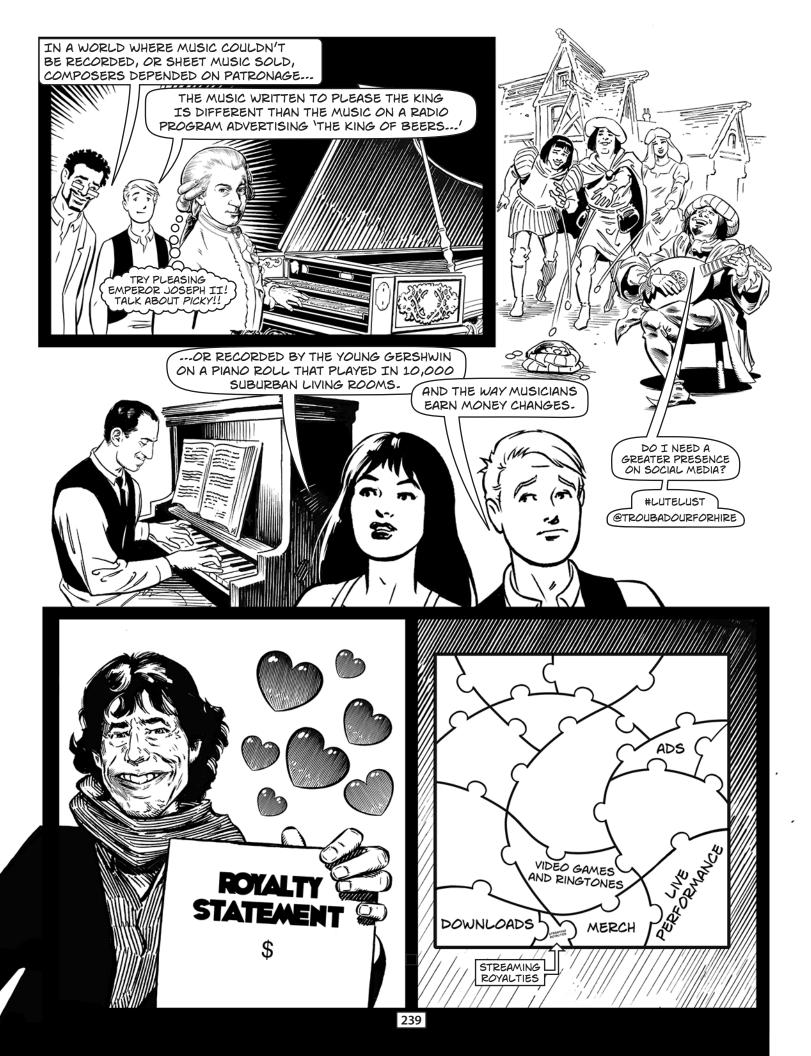






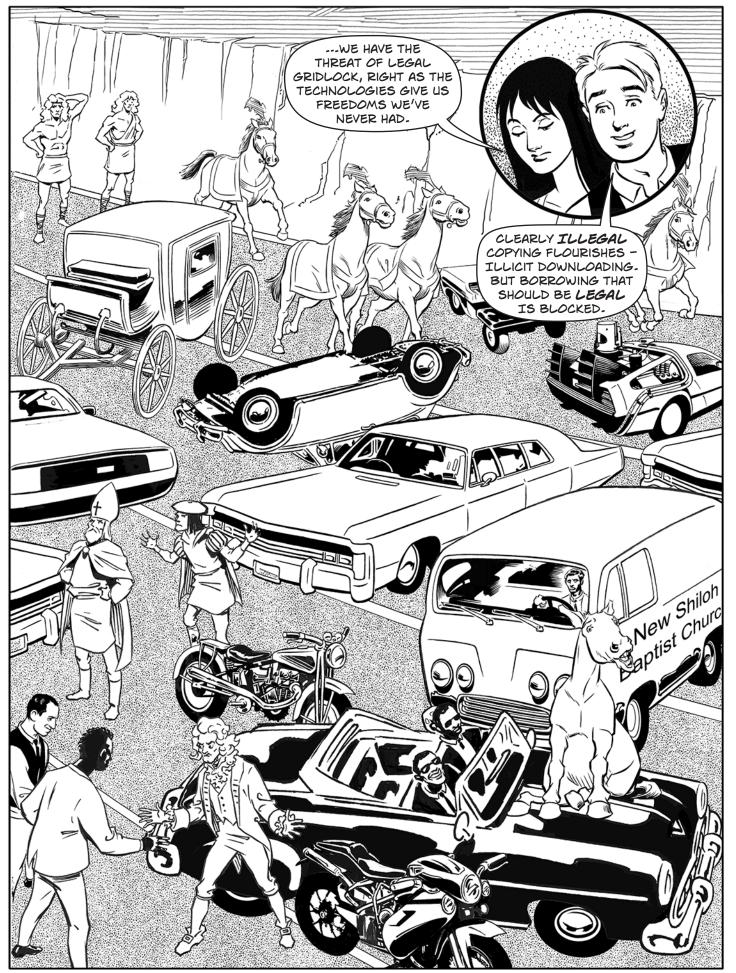
















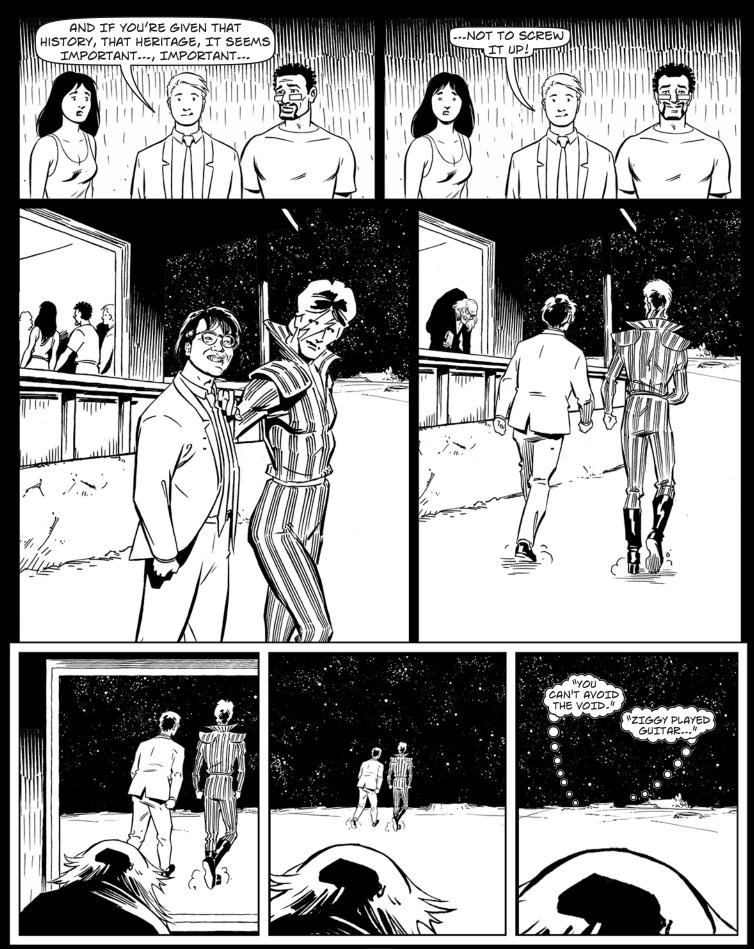














About the Book Or "*Pictures* of Dancing About Architecture"*

Music touches us deeply. A banal sentence. Remember when you were a teenager and the only thing more important to you than music, was the person you were in love with? (Requited or not.) Remember that moment when you could not even explain who you and your friends *were* without referring to this song, or that genre, this artist, that band? Remember being transported—made into something different—by a guitar riff, a line in a song ("and the *click* of high heeled shoes"), a rap lyric ("Straight outta Compton..."), Goodman's clarinet ("the ill woodwind that nobody blows good"), Davis's trumpet, Casal's throbbing cello, Horowitz's dreamy precision—by an insistent bass line, a brilliant "drop" in EDM, by the apparently accidental inevitability of a musical phrase? That is what music is to us. It reaches our core—or maybe creates it.

Music is different. An argument, you can accept or reject, fact-check or analyze. A tune? Not so much. Music seems to flow over, through or behind our mental firewalls. We talk about it touching us "viscerally," as though our viscera, our guts, were a locus for beauty. But music reaches places in our minds, not just our intestines.

Music builds on itself. To those who think that mash-ups and sampling started with YouTube or a DJ's turntables, it might be shocking to find that musicians have been borrowing—*extensively* borrowing, consciously and unconsciously—from each other since music itself began. We don't mean simple copying—the reproduction of an entire song. We mean the borrowing and cultural cross-fertilization that creates more music. Church musicians borrowing from troubadours. The Marseillaise quoted in the 1812 Overture. The African polyrhythms that came to the United States during slavery. The fragment of another tune in a jazz solo. Whether it is the rhythm and blues and country music that built rock and roll, the fusion of blues and gospel that made soul music, or the wall of sound in early rap, the lines of borrowing and cross-fertilization go on and on. Sometimes musical traditions are appropriated without adequate credit or compensation. Sometimes the borrowing brings communities together, creates a shared and more inclusive culture. And that borrowing continues even when it is forbidden; whether by the state, or the church, or the racial segregationist, or the guardians of high culture. It goes on even when the technology of the time seems to make it difficult. In fact, those technologies—from musical notation to the player piano to the tape loop to the sample deck—turn out to be unruly. They often do the opposite of what we expect them to, sometimes to our great benefit.

Music's production systems have changed. The technologies have evolved, of course. (Isn't it remarkable to think that, until about the end of the 19th century, to hear music you either had to play it yourself or hire someone to play it for you? We think ourselves at the bleeding edge of musical technology, but the advent of recorded music is a greater transformation than anything that has happened in our lifetimes.) The *incentive* systems have changed, from the troubadour or the gifted amateur, to the Church composer, the aristocratic patronage system, the rise of music as a commodity for the masses—whether in the form of sheet music, player piano rolls, vinyl, CD, downloads or streams. And with the technologies and the incentive systems, the *law* of music has changed, often for good but sometimes for ill. We now face the irony that as rampant illegal downloading of recorded music goes on, the artistic practice of *making* music has never been so tangled in cumbersome permissions and fees, licenses and collecting societies. Artists should get paid—this book is most emphatically **not** a defense of illegal downloading—but the law should serve creativity, not hinder it.

Music matters. People fight about it—not just the kind of fight when one spouse ludicrously denies the brilliance of Joni Mitchell and the other insists upon it. People fight about music because they think it

^{*}The full quotation is "Writing about music is like dancing about architecture." It is popularly attributed to Elvis Costello. He said he does not remember saying it. The difficulty of attribution in a world of borrowing! Someone should write a comic book about it.

has power, that its shape reflects our culture—or changes it—that it strengthens the state or the religion—or undermines it. Name a line that we care about: philosophical, religious, political, racial, cultural, legal. Music is on those battlements, conscripted to hold a line, even when those lines become increasingly...blurred.

This is a "graphic novel," a *comic book*, by two law professors about the history of music, of musical borrowing, from Plato to rap. Obviously, some explanation is needed. We write about innovation and creativity. Ten years ago, disturbed by the way that documentary filmmakers were being hobbled by ludicrous copyright claims over tiny fragments of music or image momentarily caught by their cameras, we wrote a comic book about "fair use" with our late, and much-missed, colleague, Keith Aoki. (For some reason, readers seem to prefer comic books to our law review articles. Go figure.) Our goal was to translate our legal expertise and scholarship into an accessible form for the new generation of digital creators who lacked the high-priced legal advice that established media took for granted. We thought the comic would be read by a few film students. It has been downloaded more than a million times and translated into multiple languages. There was a demand, it seemed.

We thought we were done with comic books. But then we started writing and teaching about musical borrowing—the way that composers and musicians borrow from each other, whether by sampling, quoting, parodying, or building on a genre. We found ourselves disturbed by the same "permissions culture" that we had written about in documentary film. Even the tiniest musical reference brought forth a demand for licensing and payment. Of course, there are lots of occasions when permission *should* be asked and where payment is entirely appropriate: for example, using a fragment of a song in a commercial or taking a substantial chunk of a tune and building a new song on it, not as commentary, but simply as a commercial remix. But this was different. This was the regulation of music at the atomic level. No amount was too small for a property claim, despite the fact that copyright law has many exceptions to allow for insubstantial borrowing and reference. Could one imagine the great musical genres of the past being developed under such a scheme? Jazz? The blues? Soul? Rock and roll? We concluded that it was unlikely. That seemed...worrying.

Our research took us to the history of musical borrowing. Even limiting ourselves for reasons of time and practicality to the Western musical tradition, that history was vast, a scholars' delight, an endless set of puzzles and connections that led us further and further back in time. The research for the book took us years. (Far too many years, in fact.) There are many histories of music that chart the rise and fall of musical movements—classicism to romanticism, or rock to punk. We have benefited from them. But there is another side to musical history. As we worked, we realized that, again and again through history, there had been numerous attempts to police music; to restrict borrowing—for reasons of philosophy, religion, politics, race—again and again, race—and law. And because music affects us so deeply, those fights were *passionate* ones. They still are. The history runs from Plato to *Blurred Lines* and beyond. And to understand the history of musical borrowing, one had to spin the story out still further—into musical technologies (from notation to the sample deck), aesthetics, the incentive systems that got musicians paid, and law's 250-year long struggle to assimilate music. This is that story. It is assuredly not *the* history of music. But it is definitely a part of that history and, we think, a fascinating one. Remember those musical moments that we mentioned earlier? The music that made you, you? You wouldn't have those moments but for this history, this story. We have tried to tell it here. We hope you like it.

James Boyle & Jennifer Jenkins Durham, NC. 2017

About the Authors

James Boyle is William Neal Reynolds Professor of Law at Duke Law School and the former Chairman of the Board of Creative Commons. He has written for *The New York Times, The Financial Times, Newsweek* and many other newspapers and magazines. His other books include *The Public Domain: Enclosing the Commons of the Mind, Shamans, Software and Spleens: Law and the Construction of the Information Society,* and *Bound By Law,* a comic book about fair use, copyright and creativity (with Jennifer Jenkins).

Jennifer Jenkins is a Clinical Professor of Law (Teaching) at Duke Law School and the Director of the Center for the Study of the Public Domain. Apart from her legal qualifications, she plays the piano, and holds an MA in English Literature from Duke University. Her most recent book is *Intellectual Property: Cases and Materials* (3rd ed, 2016) (with James Boyle). Her recent articles include In Ambiguous Battle: The Promise (and Pathos) of Public Domain Day, and Last Sale? Libraries' Rights in the Digital Age.

Acknowledgments and Further Reading

This is a book about borrowing. And scholars are borrowers. Massive borrowers, whose only surety is the promise to "pay it forward."

We have benefited from so many sources—colleagues, scholars we have never met, online resources, blogs, books about the Renaissance music scene, or the Mississippi Delta, or classical music or the blues. What follows here is not a complete list of our sources. Instead of offering that here and making the book 400 pages long, we've provided an extensive set of references for the comic online here: <u>https://law.duke.edu/</u><u>musiccomic/references/</u>. But what follows is a good place to get started for the person who is interested more generally in the comic's themes, as well as a heartfelt "thank you" from us to those whose work informed our research.

The History of Western Musical Borrowing



Everyone interested in the history of borrowing in Western music should begin with the work of Professor J. Peter Burkholder. We consulted his work extensively. In particular we relied upon:

- The "Borrowing" section Professor Burkholder wrote for *Grove Music Online* (part of *Oxford Music Online*) <u>http://www.oxfordmusiconline.com/public/book/omo_gmo</u>. Unfortunately, this is behind a paywall. This resource offers exhaustive details about borrowing in Western music through articles that run from medieval monophony and polyphony to Renaissance music, various classical periods, "art music," and jazz.
- Burkholder also compiled with Andreas Giger and David C. Birchler an online resource called "Musical borrowing & reworking: An Annotated Bibliography": <u>http://www.chmtl.indiana.edu/borrowing/</u>
- J. Peter Burkholder, *All Made of Tunes: Charles Ives and the Uses of Musical Borrowing* (Yale University Press, 1995), a book on borrowing in the work of the American modernist composer Charles Ives.
- Moving beyond borrowing alone, the broader history of Western music is covered in J. Peter Burkholder, Donald Jay Grout and Claude V. Palisca, *A History of Western Music* (Ninth Edition) (W.W. Norton & Co., 2014).

Apart from Professor Burkholder's prodigious *oeuvre*, we found many other works useful. Here are a few that are particularly worthy of note. A fuller listing is in the online reference guide to the comic.

- Honey Meconi, ed., Early Musical Borrowing (Routledge, 2004)
- Norman Carrell, *Bach the Borrower* (Allen & Unwin, 1967)
- John T. Winemiller, "Recontextualizing Handel's Borrowing," The Journal of Musicology (Autumn 1997)
- David Metzer, *Quotation and Cultural Meaning in Twentieth-Century Music* (Cambridge University Press, 2003)

Law and Musical Borrowing



Despite its fascinating features, music's relationship to copyright—through history—has been a subject that until relatively recently received little scholarly attention. The articles and books noted below changed that. Carroll's series of articles is a magisterial introduction to music copyright's history. Arewa writes sensitively of music, property and cultural appropriation—particularly across racial lines. Boyle illustrates the story of musical borrowing and copyright with a 100-year long history of a protest song written after Hurricane Katrina (told in the "I Got A Mashup—A Song's Tale" section of this comic, pp. 201–222). Vaidhyanathan and McLeod were the first seriously to engage with the cultural and aesthetic effects of restrictive legal regulation on musical borrowing, particularly in rap and hip-hop music. Together with the work of Lessig, their scholarship has defined the field. Greene has written extensively about the intersection of music, copyright, and race. McLeod and DiCola have offered the definitive account of the law and culture of digital sampling. Demers provides a musicologist's perspective on these issues.

- Michael W. Carroll, "Whose Music Is It Anyway?: How We Came to View Musical Expression as a Form of Property," *University of Cincinnati Law Review* (Summer 2004) and "The Struggle for Music Copyright," *Florida Law Review* (September 2005)
- Olufunmilayo B. Arewa, "From J.C. Bach to Hip Hop: Musical Borrowing, Copyright and Cultural Context," *North Carolina Law Review* (January 2006); "Copyright on Catfish Row: Musical Borrowing, *Porgy and Bess*, and Unfair Use," *Rutgers Law Journal* (Winter 2006); "Blues Lives: Promise and Perils of Musical Copyright," *Cardozo Arts and Entertainment Law Journal* (2010)
- James Boyle, *The Public Domain: Enclosing the Commons of the Mind* (Yale University Press, 2008), Chapter 6 "I Got A Mashup." This book is freely available online at http://www.thepublicdomain.org/download/.
- Siva Vaidhyanathan, Copyrights and Copywrongs: The Rise of Intellectual Property and How It Threatens Creativity (NYU Press, 2001)
- Kembrew McLeod, Owning Culture: Authorship, Ownership, and Intellectual Property Law (P. Lang, 2001)
- Lawrence Lessig, *Remix: Making Art and Commerce Thrive in the Hybrid Economy* (The Penguin Press, 2008); *Free Culture: How Big Media Uses Technology and the Law to Lock Down Culture and Control Creativity* (The Penguin Press, 2004)
- Kevin J. Greene, "Copyright, Culture & Black Music: A Legacy of Unequal Protection," *Hastings Communications & Entertainment Law Journal* (Winter 1999)
- Kembrew McLeod and Peter DiCola, *Creative License: The Law and Culture of Digital Sampling* (Duke University Press, 2011)
- Joanna Demers, *Steal This Music: How Intellectual Property Law Affects Musical Creativity* (University of Georgia Press, 2006)

When it comes to the way that the structure of economic incentives affects music, there is no better resource than:

• Frederic M. Scherer, *Quarter Notes and Bank Notes: The Economics of Music Composition in the Eighteenth and Nineteenth Centuries* (Princeton University Press, 2004). (Professor Scherer judiciously decides not to present the reader with any conclusions about which is superior: music developed under a patronage system, or music written for some form of mass market sale.)

Online Resources



We made extensive and grateful use of an excellent collection of historical documents compiled by the University of Cambridge, "a digital archive of primary sources on copyright from the invention of the

printing press (c. 1450) to the Berne Convention (1886) and beyond." You can find some of the documents we refer to in this book, from Petrucci's patents to Orlando di Lasso's printing privileges (filed under the alternate name Orlande de Lassus), in this database.

Primary Sources on Copyright History (1450–1900) <u>https://www.cipil.law.cam.ac.uk/primary-sources-copyright-history-1450-1900</u>

Another extremely useful website is the "Music Copyright Infringement Resource" sponsored by Columbia Law School and the University of Southern California Gould School of Law. There, you can find judicial opinions from over a hundred music copyright cases from 1844 to the present, along with commentary and relevant sheet music and audio files.

• Music Copyright Infringement Resource <u>http://mcir.usc.edu/</u>

Those interested in following endless trails of musical borrowing will enjoy the encyclopedic, crowdsourced "Who Sampled" website—you can choose a song and find both the songs it used, and the songs that in turn used it, along with the relevant audio.

Whosampled <u>http://www.whosampled.com/</u>

The Music



The materials cited above—particularly the encyclopedic *Grove Music Online*, Burkholder et al.'s *A History of Western Music*, and Meconi's *Early Musical Borrowing*, provide a wealth of information about Western music throughout history, including Renaissance music and "classical" music from the Baroque, Classical, Romantic, and 20th century periods. Here is a selection of additional resources on the music of Ancient Greece, the Middle Ages, and the Renaissance.

- William A. Johnson, "Musical Evenings in the Early Empire: New Evidence from a Greek Papyrus with Musical Notation," *Journal of Hellenic Studies* (2000). For our discussion of Ancient Greek notation, we are particularly indebted to this article written by a Duke colleague, which casts light on Greek notation using a Roman-era papyrus.
- Thomas J. Mathiesen, *Apollo's Lyre: Greek Music and Music Theory in Antiquity and the Middle Ages* (University of Nebraska Press, 1999)
- Anna Maria Busse Berger and Jesse Rodin, eds., *The Cambridge History of Fifteenth-Century Music* (Cambridge University Press, 2015)
- Richard L. Crocker, A History of Musical Style (Revised Edition) (Dover Publications, 1986)
- Richard L. Crocker and David Hiley, eds., *The New Oxford History of Music: Volume II: The Early Middle Ages to 1300* (Second Edition) (Oxford University Press, 1990); Gerald Abraham and Dom Anselm Hughes, eds., *The New Oxford History of Music: Volume III: Ars Nova and the Renaissance 1300–1540* (First Edition) (Oxford University Press, 1960)

Turning to more recent genres and American music, the following resources illuminate everything from how slaves influenced American music and the history of the banjo, to our national anthem, to genres such as jazz, blues, rock and roll, and hip hop. Many of these resources detail the impact of black music and the persistence of racial anxieties in response to new genres.

- Eileen Southern, The Music of Black Americans: A History (Third Edition) (W.W. Norton & Co., 1997)
- Laurent Dubois, *The Banjo: America's African Instrument* (Harvard University Press, 2016)
- Brian Ward, Just My Soul Responding: Rhythm and Blues, Black Consciousness, and Race Relations (University of California Press, 1998)
- Mark Anthony Neal, *What the Music Said: Black Popular Music and Black Public Culture* (Routledge, 1998)
- Samuel A. Floyd, Jr., *The Power of Black Music: Interpreting Its History from Africa to the United States* (Oxford University Press, 1995)

- Mark Clague, *Star Spangled Songbook* (Star Spangled Music Foundation, 2015) (collecting reuses of the national anthem)
- Ted Gioia, The History of Jazz (Second Edition) (Oxford University Press, 2011)
- Paul Berliner, Thinking in Jazz: The Infinite Art of Improvisation (University of Chicago Press, 1994)
- Robert Palmer, Deep Blues: A Musical and Cultural History of the Mississippi Delta (Penguin Books, 1982)
- Holly George-Warren and Patricia Romanowski, eds., *The Rolling Stone Encyclopedia of Rock & Roll* (Third Edition) (Rolling Stone Press, 2001)
- Paul Friedlander, Rock and Roll: A Social History (Westview Press, 1996)
- Glenn C. Altschuler, All Shook Up: How Rock 'n' Roll Changed America (Oxford University Press, 2003)
- Paul Miller (a.k.a. DJ Spooky, that Subliminal Kid), ed., *Sound Unbound: Sampling Digital Music and Culture* (MIT Press, 2008)
- Mark Costello and David Foster Wallace, *Signifying Rappers* (First Edition) (Ecco Press, 1990) (yes, that David Foster Wallace)



The comic features a fascinating cast of composers and performers, and the lives of many others informed our research. The sources cited above (especially *Grove Music Online* and *A History of Western Music*) offer biographical sketches of the classical composers we discuss early in the comic. For Stephen Foster, Scott Joplin, George Gershwin, Dizzy Gillespie, Robert Johnson, Chuck Berry, Little Richard, Elvis Presley, Jerry Leiber and Mike Stoller, Ray Charles, and the Beatles, here are selected resources.

- Ken Emerson, *Doo-dah!: Stephen Foster and the Rise of American Popular Culture* (Simon & Schuster, 1997)
- Edward A. Berlin, *King of Ragtime: Scott Joplin and His Era* (First Edition) (Oxford University Press, 1994)
- Howard Pollack, George Gershwin: His Life and Work (University of California Press, 2007)
- Robert Wyatt and John Andrew Johnson, eds., *The George Gershwin Reader* (Oxford University Press, 2004)
- Dizzy Gillespie, with Al Fraser, To Be, or Not...To Bop (Doubleday Books, 1979)
- Elijah Wald, *Escaping the Delta: Robert Johnson and the Invention of the Blues* (Amistad/HarperCollins, 2004)
- Bruce Pegg, Brown Eyed Handsome Man: The Life and Hard Times of Chuck Berry (Routledge, 2002)
- Michael T. Bertrand, *Race, Rock, and Elvis* (University of Illinois Press, 2000)
- Jerry Leiber and Mike Stoller, *Hound Dog: The Leiber & Stoller Autobiography* (Simon & Schuster, 2009)
- Charles White, The Life And Times Of Little Richard: The Quasar of Rock (Harmony Books, 1985)
- Michael Lydon, Ray Charles: Man and Music (Routledge, 2004)
- Ray Charles and David Ritz, Brother Ray: Ray Charles' Own Story (Da Capo Press, 1992)
- Elijah Wald, *How the Beatles Destroyed Rock 'n' Roll: An Alternative History of American Popular Music* (Oxford University Press, 2009)
- Walter Everett, *The Beatles as Musicians: Revolver through the Anthology* (Oxford University Press, 1999)



Sources on the earliest "technology" we discuss—notation—are listed earlier. Here are some excellent resources discussing the revolutions wrought by the advent of sound recording technology, radio, and the Internet.

- Mark Katz, Capturing Sound: How Technology Has Changed Music (University of California Press, 2004)
- Greg Milner, *Perfecting Sound Forever: An Aural History of Recorded Music* (Farrar, Straus and Giroux, 2009)
- Christopher H. Sterling and John Michael Kittross, *Stay Tuned: A History of American Broadcasting* (Third Edition) (Lawrence Erlbaum Associates, 2001)
- Russell Sanjek, *Pennies from Heaven: The American Popular Music Business in the Twentieth Century* (Updated Edition) (Da Capo Press, 1996) (a comprehensive look at how 20th century technological developments changed the music business)
- Whitney Broussard, "The Promise and Peril of Collective Licensing," *Journal of Intellectual Property Law* (2009) (discussing the ASCAP antitrust consent decree)
- Paul Goldstein, Copyright's Highway: From Gutenberg to the Celestial Jukebox (Revised Edition) (Stanford University Press, 2003)
- William W. Fisher III, *Promises to Keep: Technology, Law, and the Future of Entertainment* (Stanford University Press, 2004)
- Yochai Benkler, *The Wealth of Networks: How Social Production Transforms Markets and Freedom* (Yale University Press, 2006)
- Jonathan Zittrain, The Future of the Internet—And How to Stop It (Yale University Press, 2008)
- Michael D. Smith and Rahul Telang, *Streaming, Sharing, Stealing: Big Data and the Future of Entertainment* (MIT Press, 2016)
- Matt Novak, "Watching David Bowie Argue With an Interviewer About the Future of the Internet Is Beautiful," available at https://paleofuture.gizmodo.com/watching-david-bowie-argue-with-an-interviewer-about-th-1791017656 (offering highlights from a prescient interview between David Bowie and the BBC, along with a link to the video)

Copyright Law and the Music Business



The Center for the Study of the Public Domain provides many resources on copyright law, all freely available online. In addition, the full text of the 1906 debates covered on pp. 89–91 of the comic is available on Google Books, and the Copyright Office offers useful information circulars covering the minutia of copyright law. A few prominent resources on music licensing and the music business are also included below.

- James Boyle and Jennifer Jenkins, *Intellectual Property: Law & The Information Society: Cases & Materials* (Third Edition, 2016), available at <u>https://law.duke.edu/cspd/pdf/IPCasebook2016.pdf</u>
- Keith Aoki, James Boyle, Jennifer Jenkins, *Bound By Law*? (Center for the Study of the Public Domain, 2006), a comic about copyright, fair use, and documentary film, is available at https://law.duke.edu/cspd/comics/
- The Center's materials on orphan works are here <u>https://law.duke.edu/cspd/orphanworks/</u>
- The 1906 debates are online in full at <u>https://books.google.com/books?id=m7QvAAAAMAAJ</u>
- The Copyright Office's information circulars are available here https://www.copyright.gov/circs/
- Stanford University offers information about copyright and fair use at http://fairuse.stanford.edu/

- The Future of Music Coalition offers resources on music, law, and technology at https://futureofmusic.org/research
- Al Kohn and Bob Kohn, Kohn on Music Licensing (Fourth Edition) (Aspen Publishers, 2009)
- Donald S. Passman, *All You Need to Know About the Music Business* (Ninth Edition) (Simon & Schuster, 2015)
- M. William Krasilovsky and Sidney Shemel (authors), John M. Gross and Jonathan Feinstein (contributors), *This Business of Music: The Definitive Guide to the Business and Legal Issues of the Music Industry* (Tenth Edition) (Watson-Guptill Publications, 2007)

For the rest? Turn to the comic and just..."Pull."





This comic lays out 2000 years of musical history. A neglected part of musical history. Again and again there have been attempts to police music; to restrict borrowing and cultural cross-fertilization. But music builds on itself. To those who think that mash-ups and sampling started with YouTube or the DJ's turntables, it might be shocking to find that musicians have been borrowing—extensively borrowing—from each other since music began. Then why try to stop that process? The reasons varied. Philosophy, religion, politics, race—again and again, race—and law. And because music affects us so deeply, those struggles were *passionate* ones. They still are.

The history in this book runs from Plato to *Blurred Lines* and beyond. You will read about the Holy Roman Empire's attempts to standardize religious music using the first great musical technology (notation) and the inevitable backfire of that attempt. You will read about troubadours and church composers, swapping tunes (and *remarkably* profane lyrics), changing both religion and music in the process. You will see diatribes against jazz for corrupting musical culture, against rock and roll for breaching the color-line. You will learn about the lawsuits that, surprisingly, shaped rap. You will read the story of some of music's iconoclasts—from Handel and Beethoven to Robert Johnson, Chuck Berry, Little Richard, Ray Charles, the British Invasion and Public Enemy.

To understand this history fully, one has to roam wider still—into musical technologies from notation to the sample deck, aesthetics, the incentive systems that got musicians paid, and law's 250-year struggle to assimilate music, without destroying it in the process. This is that story. It is assuredly not the *only* history of music. But it is definitely a part—a fascinating part—of that history. We hope you like it.





For more information, and free digital versions of this book, please visit https://law.duke.edu/musiccomic/

Center for the Study of the Public Domain Duke Law School