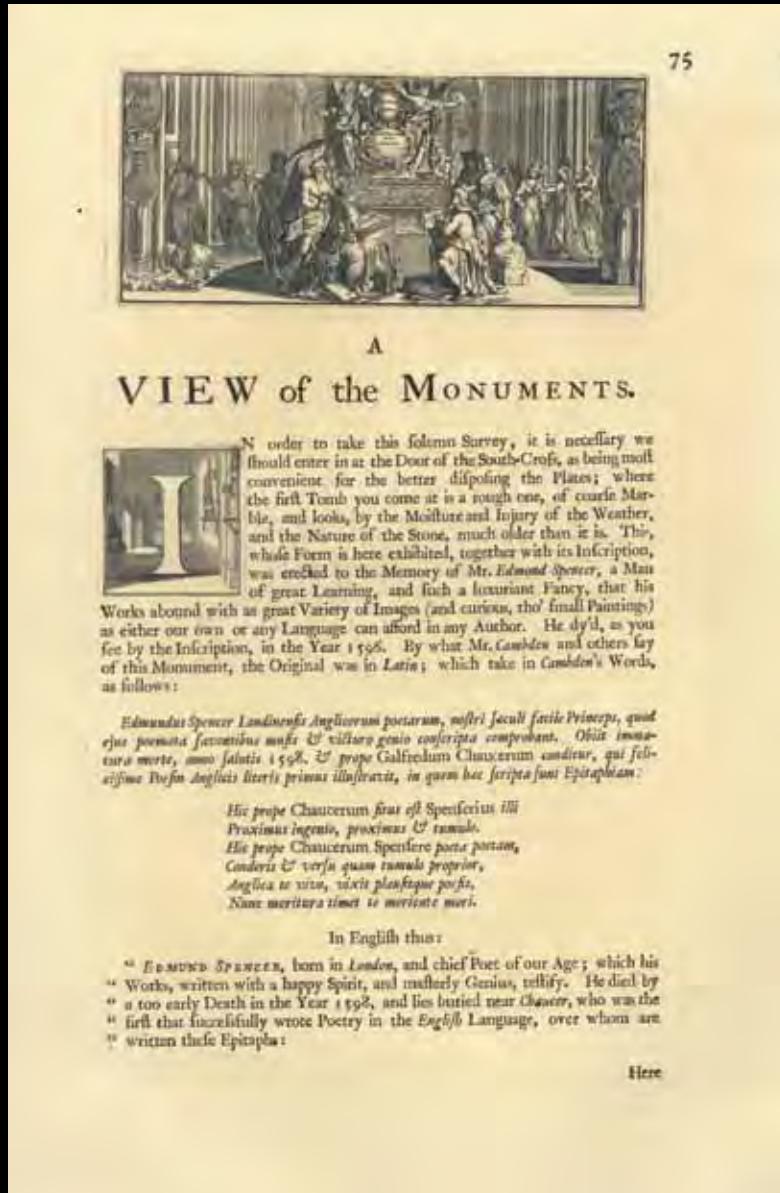


**DESIGN BASICS**  
*Openings*

# ENLARGED CAPITALS



A VIEW OF THE MONUMENTS. Book page, eighteenth century.

75

**CROSSROADS DREW GILPIN FAUST**

## The University's Crisis of Purpose

This is the fifth in a series of essays exploring dominant themes and currents of thought in particular areas of American life. The next essay in the series, which will continue in this space over the coming months, is scheduled to appear Sept. 20. An archive can be found at [nytimes.com/crossroads](http://nytimes.com/crossroads).

THE world economic crisis and the election of Barack Obama will change the future of higher learning. Even as universities, both public and private, face unanticipated financial constraints, the president has called on them to assist in solving problems from health care delivery to climate change to economic recovery.

American universities have long struggled to meet almost irreconcilable demands: to be practical as well as transcendental; to assist immediate national needs and to pursue knowledge for its own sake; to both add value and question values. And in the past decade and a half, such conflicting and unbounded expectations have yielded a wave of criticism on issues ranging from the cost of college to universities' intellectual quality to their supposed decline into unthinking political correctness. A steady stream of books — among them "Declining by Degrees: Higher Education at Risk" (plus a PBS special), edited by Richard H. Hirsch and John Morrow; Anthony T. Kressman's "Education's End: Why Our Colleges and Universities Have Given Up on the Meaning of Life"; and Dinesh D'Souza's "Higher Education: The Politics of Race and Sex on Campus" — have delineated what various authors have seen as the failings of higher education.

At the same time, American colleges and universities have remained the envy of the world. A 2008 international ranking included 17 American educational institutions in the top 30, and a recent survey of American citizens revealed that 93 percent of respondents considered our universities one of the country's "most valuable resources."

Such a widespread perception of the value of universities derives in no small part from very pragmatic realities: a college education yields significant rewards. The median earnings for individuals with a B.A. are 94 percent higher than for workers who possess only a high school diploma.

In some respects, this is not new. Education has been central to the American Dream since the time of the nation's founding, but in the years since World War II, it was higher education, not just instruction at the elementary or high school levels, that emerged as necessary for a technologically skilled work force as well as fundamental to cherished values of opportunity. As late as the 1920s, enrollment in the United States stood below 5 percent of the college-age population. They rose to about 15 percent by 1940, in part as a result of the G.I. Bill. They have now reached nearly 60 percent. The United States has pioneered a new postwar era of mass college attendance that has become global in reach.

But today, for all its importance to individual and social prosperity, higher education threatens to become less freely available. By the end of the 20th century, as Claudia Goldin and Lawrence F. Katz document in "The Race Between Education and Technology," the rate of increase in educational attainment had significantly slowed, and the United States had fallen behind a number of other nations in the percentage of its youth attending college. Goldin and Katz demonstrate how this slowdown is creating a work force with inadequate technological abilities, as well as contributing to rising levels of American inequality.

Escalating college costs have played a significant role in this slowdown, even as universities have substantially expanded their programs of financial aid. So, too, have declining levels of government support.

After World War II, the country witnessed the establishment of a new partnership

Drew Gilpin Faust is president of Harvard. She is the author, most recently, of "This Republic of Suffering: Death and the American Civil War."

ILLUSTRATION BY ALICE LUPTON

THE NEW YORK TIMES BOOK REVIEW 19

NEW YORK TIMES BOOK REVIEW. Newspaper page, 2009. Art director: Nicholas Blechman. Illustrator: Ellen Lupton.

Dropped capitals are a traditional page device, especially for opening chapters in a book.

## ENLARGED CAPITALS

**A**N ENLARGED LETTER cut into the text block is called a *drop capital* or *drop cap*. This example was produced using the Drop Caps feature in a page layout program. The software automatically creates a space around one or more characters and drops them the requested number of lines. Adjusting the size and tracking of the capital allows it to match the surrounding text. Similar solutions can be implemented on the web in CSS. The space around the capital is rectangular, which can be visually awkward, as seen here with the sloping silhouette of the letter A.

**W**AS IT THE BEST OF TIMES, the worst of times, or just Times New Roman? The drop capital used here (Thesis Serif Bold) was positioned by hand as a separate element. A text wrap was applied to an invisible box sitting behind the capital. Thus the text appears to flow around the intruding right prow of the W. Likewise, the left prow extends out into the margin, making the character feel firmly anchored in the text block. Hand-crafted solutions like this one can't be applied systematically.

## ENLARGED CAPITALS

GRAB YOUR  
READER BY  
THE CAHUNAS  
AND NEVER  
EVER LET GO

DESIGNERS SOMETIMES ADAPT the drop cap convention for other purposes. An illustration or icon can appear in place of a letterform. Purely typographic alternatives are also possible, such as inserting a title or subtitle into space carved from the primary text block. Such devices mobilize a familiar page structure for diverse and sometimes unexpected uses.

**M**onday. First day of the kids' summer camp. They're asleep. We're late. Late for gluing gemelli noodles into representations of mommy and daddy and spraypainting them as gold as Elvis jumpsuits. Late for searching for sticks and pine needles in the lawn skirting the church parking lot, flora detritus destined to simulate porcupine quills on cardboard toilet-paper tubes. So here we go, summer camp for six- to seven-year olds. They'll be home by lunch. For breakfast, let them eat Cheerios.

I check my email and shout at the ceiling. An upstairs toilet flushes, and I cry, "Let's go, People! We got summer camp!" My AOL welcome screen encourages me to guess the identity of a female celebrity from her elementary-school photo. It is Catherine Zeta-Jones. I can see

*Breakfast*

I make microwave popcorn and watch the blue seconds count down feeling like seconds of my life are ticking away, which I guess they are. I decide that I want to invent a Mortal Positioning System so you can always know where you are in your life and how much time you've got until you die. Some people really like to plan. I don't. Whatever I plan, I don't do. The good life plays as improv. Every night is open-mic night. I read a study once that said married fathers have the lowest testosterone levels. I wonder if this means anything that matters. Unpopped kernels are as hot as shell casings. Tina puts *Spirit: Stallion of the Cimarron* in the DVD player, and I herd the kids in front of the TV.

Lilly and Lance take off their shirts like the shirtless Indian brave and mimic what he does onscreen. Then the horse bucks and spins, and the kids take off all their clothes and buck in the corral of the living room.

Tina and I sneak upstairs.

"It's lovin' o'clock," I say.

Tina locks the door while I pour the mouthwash.

We charge around the bedroom, tackling each other, leaping off the mattress—well, not exactly "leaping," but squeezing and spanking and biting. We clench and claw and swallow the held breaths of each other's screams.

Lance pounds our door, and Lilly cries, "It's an emergency!"

But Tina and I are exhausted, bruised, and content, our faces tensionless, our limbs strewn across the end of our stolen day.

# T

HE INTERVIEWER WANTS TO KNOW, FOR THE RECORD, HOW OUR MARRIAGE IS.

*Form*

"Rocky," I say.

"Very rocky," agrees my wife.

"Worse than that," I say.

"Yeah," says Tina, "much worse."

"It's a shambles."

"We're on the outs."

"We're on the skids."

"We're separating."

"Actually," I say, "separation is a *fait accompli*."

"We've been living separate lives for some time now."

"Years, really."

"Doomed from the start," says Tina.

"It just took this interview process for us to admit what's been staring us in the face."

The interviewer depresses the STOP button. Tina had moved the candles and

# Drop Caps and Initial Letters

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Drop caps and initials are an effective way of grabbing readers attention because they add personality and visual strength to the page. Though, there is a slight difference between them. Drop caps drop below the baseline and initials sit on the baseline but are much bigger than the body text.

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# Inside pages

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# Pull Quotes



**HALF THE FOLKS CAN'T TELL YOU WHAT THEY'RE DOING BECAUSE IT'S A SECRET," SAYS BOB BORCHERS, A FORMER EXEC.**

was." Others do know but won't say tion that hits the newbies on their work at new-employee orientation.

"You sit down, and you start with roundtable of who is doing what," says Borchers, a product-marketing executive in the early days of the iPhone. "And I can't tell you what they're doing, because it's a secret project that they've gotten hit with."

The new employees learn that first week that they've joined a different company than any they've worked for before. Outside, Apple is revered. Inside, new hires, and neophytes are entrusted with much information. All new employees get a half-day of orientation, always on a Monday—unless Monday is a holiday. The orientation is standard big-company welcome package with stickers saying "Welcome to Apple," HR forms, and the like. It quickly makes the employees of the few companies it acquires understand that they are now part of the Apple family. Lars Borchers, who became director of partnerships in Apple's iAd mobile-advertising business when Apple bought his startup, Wireless, recalled the delight when shiny new iMacs showed up almost immediately following the close of the transaction. "People felt very quickly like you were something special," he said. Orientation day brings another rare treat. "There's one free lunch at Apple, and it's on us," said a former employee.

Pull Quotes: quotations or highlights pulled from the article and set apart, usually at larger size, different font and color from other text.

Pull quotes emphasize important parts of the story and create a visually interesting graphic element.

## I FOUND THE POLAROID QUITE DIFFICULT TO USE, AND ENDED UP A LOT OF FILM ON BLURRY SHOTS

### Instant photography

I found the polaroid quite difficult to use and ended up wasting a lot of film with pictures that were too blurry, totally out of focus, too dark or bleached completely. However, some pictures were really nice and certainly captured

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less stand-up, a lovely, flame-haired flight attendant weaves past Money in the narrow aisle, trying very hard to be unobtrusive. Still, she can't pass without stares or comments from the large men seat-

**"I WAS BORN  
TO BE WHERE I'M AT  
BECAUSE  
IT WAS PUSHED ON ME  
FROM BIRTH.  
I DIDN'T HAVE NO CHOICE BUT  
BE GREAT."**

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Then there's only one of Hollywood West that can't be controlled, about 100 independent studios are scattered by the wings in world countries as it was shown in New York or the likes. Those include France, Italy, Sweden, Japan and Chile and so on. What I felt was the impact personally - they had a profound impact that can't wait in Hollywood West.

The galvanizing effect of world cinema came to California and the entire entertainment industry. Schools, Colleges, Arts, the cultural associations with music made like a little's film, being taken back to the future position Bob and Roberta Smith, Zimbalist, Alice Walker, Steven Spielberg, John Miller, who went on to write screenplays like *Citizen Kane*, and Curtis Bernhard, known as Bill on *The Right Stuff*.

He would presented the catalyst for a more creative, intelligent and educated an environment that is spoken as the antithesis of the Hollywood system, as March explains. "We were at every industry meeting and at every aspect of the industry could see, as a group, wanted to bring credibility that has dropped in in eight years. They are more of Americans, to personalize them, we added more and the result of doing that."

Technology also played a role. "In the previous year, all of the equipment used in the industry began producing better quality than the studios themselves. As a result, it's easier to copy that technical equipment, which was very small and therefore extremely expensive. The effect of technology will be more easily copied on technology. Having received some of the equipment he needs, it became available to small studios and independent filmmakers. If anything, that is what happened more than anything that I can think of. The fact that it can use a Canon 5D camera, which costs something like £1000, as a high definition camera, and connect that up with a laptop or a PC, is something that would have been hard to do in the 1990s to think about."

Independent, however, the way that American Zentropa came from a major studio, and then that produced the start up costs of a development deal, making them immediately successful when the studio first picked up an independent film, such as *Gone Girl*, and so on. However, independent films will be United Kingdoms' company *Wired*, with the budget was already invested by others such as the likes of Paramount and the like. This annual classification.

As Zentropa signed up the majority were once involved, now it's the studios concerned, and systems. And as concerning by committee, and so on. Today, we're going to make sure that we're once again beginning to make sure that Paramount Pictures' Charles raised enough of

## RENEGADE ARTISTS AND PRODUCERS ARE ONCE AGAIN BEGINNING TO SEIZE CONTROL.

The most lucrative movies of the year at \$1.8 billion in revenue, it's no secret that they're the ones, but it's not limited to just one of the major studios, and especially considering the success of *Mad Max Fury Road*. The film has been a critical success, and grossed over \$1 billion.

Sam Lio, an associate producer on the film, reveals that part of this production was the original Gulf War scenes references to the military base off, and the lack of one being attached to the film - critical to *Mad Max's* success to investigate an opportunity in the audience to the safety of its funds. As a result, as Lio explains, Charlize added the film as "an action movie, based on Mad Max's *Mad Max's* history of *Mad Max's*, in order to keep the budget.

"The Australian government was obviously asked," explains Lio. "So, he turned, after my production team have been technically independent, though this one gave me the much satisfaction that the experience and I don't think we could have made it for any other circumstances. I can't imagine a studio controlling the production, but that gives us complete control over the opportunity to cast among local talent - like Jeremy Renner - at least odds."

"Our producers on *Mad Max* informed us that the film was over when we picked up by another studio, Summit Entertainment, and we had 'Mad Max' and the film's editor, Chris King, "he said. Charlize and Tony Maitz saw it was a tight, well-made film, and had the good taste and respect to let it do its job and to leave it entirely alone. That would be almost unheard of in a studio setting where everything from budget to marketing to their distribution would have had that extra attention; it was certainly forced down the throats of the director and editor. A consequence would be allowed to do that setting when they would be concerned just an other issue that the executives would want to collaborate with."



"I was surprised that the most lucid and practical were getting as much traction," says Lisa Kudrow. "You are challenging how our perception of the Hollywood studios. There are nothing more exciting than making films, having worked on so many independent films. But some struggled to find an audience, then go to the opening night of the film in Manhattan. People were lighting up seats and the theaters had people cheering and clapping. I'm not sure if a film can be a hit without an audience, but it's a bit of a challenge there."

There's plenty of life in indie cinema yet. Despite the lack of a lack of the atmosphere - the real extremes, creative concepts and bold, challenging art that has tested their limits - they may still continue to do so in the years to come.

will be used as our guinea pig despite recent rise in the polls). Further, they in which the economy either slips into a recession or beats expectations and grows by 4% per year (each has about a one-in-three chance). A multitude of other situations but these are the paradigmatic cases. These vastly different results.

**1: ROMNEY AND STAGNANT ECONOMY**  
rating in November 2011: 43% / G.D.P.  
1% / Probability of winning the popular  
3% Obama: 17%

the worst of these situations for Obama: the Republican nominee, and economy worse than continuing along sluggishly, perhaps the debt dominoes have fallen under these assumptions, Obama would

**THE GOOD NEWS FOR OBAMA IS THAT VOTERS HAVE SHORT MEMORIES.**

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**"I'M THE MOST BORING TWENTY YEAR OLD, YOU'LL EVER MEET"**

ADVERTISING SPONSOR: A REEDER-HOLD TRUST  
PHOTOGRAPH BY: JEFFREY JOHN, JEFFREY JOHN

After his latest album, the American independent rock band, Green Day, released their new single, "I'm Bored". Green Day, and the music video, were released. Green Day's latest album, "I'm Bored", was the second album to be released by the band since 2009. The single, "I'm Bored", is the lead single from the album. The song features a guitar riff that is reminiscent of the band's earlier work, "I'm Bored", and the music video, which shows the band performing the song in a room, while the audience are looking on. The video is directed by the band's manager, Jeff Sutorius, and the music video is directed by the band's manager, Jeff Sutorius.

Throughout the video, the band members are seen performing the song in a room, while the audience are looking on. The video is directed by the band's manager, Jeff Sutorius, and the music video is directed by the band's manager, Jeff Sutorius.

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PHOTOGRAPHED BY  
JESSICA CRAWFORD

in place beneath the telescope's frame. In optical SETI, the reflectors are not used for focusing on fine details of wispy nebulae or galaxies, as they are in conventional astronomy; instead, they serve as "photon buckets" for catching the light from a distant pulse.

To snag something moving at the speed of light, even buckets need fast reflexes, and at Leuschner, those reflexes are exercised in a metal box bolted to the back of the telescope.

Werthimer fashioned the detector in his basement from conventional electronic components for around \$10,000. It captures and counts photons falling into the telescope. It does so not like a regular bucket, filling with more and more photons, because those from an alien laser would mix indistinguishably with all the other photons. Instead, it effectively counts photons for a nanosecond and dumps them, counts for another nanosecond and dumps them, and so on. "If it saw a pulse, you'd get a whole bunch of photons at once," Werthimer says.

When Werthimer first tested his detector, he started picking up pulses right away. That puzzled him; he couldn't be *that* lucky. Then he realized the detector's radiation sensitivity was exceeding its specificity: It was registering traces of radioactive decay coming from inside the detector itself. Now equipment splits the light from the telescope into two streams, each of which flows into an identical detector in the metal box. If only one registers a signal, it's likely an errant one, originating within that detector; if both register a signal simultaneously, Werthimer might have something.

Werthimer has recently begun using the Leuschner telescope to spy on the first of about 2,500 stars that are considered about the right temperature and the right age—at least a few billion years old—to nurture life now capable of communicating. It will also look in

At Harvard, Paul Horowitz is doing similar work with light that other astronomers have collected but didn't need for their own observations; he is funneling this excess light into slightly fancier dual photon detectors. So far, about 100 simultaneous flashes have been detected, but none has appeared on a second look, suggesting that Harvard's photon bucket is collecting occasional cosmic rays.

Horowitz is now considering a search that would pair the Harvard telescope with one at Princeton University in New Jersey. Just as Werthimer's two photon detectors cross-check each other, the two telescopes would be trained on the same star simultaneously, and a computer could be programmed to discount cosmic rays. If they both picked up a pulse, Horowitz says, "we go berserk."

As a communication device, the pre-eminent strength of lasers is that the light they produce is tightly focused and thus easy to aim. "Optical is not scattered like radio," Horowitz says. "It cuts through space like a hot knife through butter." But when it comes to SETI, that feature is laser light's pre-eminent weakness. Because the beam is so narrow, it can be blocked by interstellar dust. In addition, the narrowness would require another civilization wanting to reach us to aim its laser carefully, which would in turn require it to know enough about us and the continuous movement of our solar system to predict where we would be after the many years needed for laser pulses to cross the vast distances of space. Either that, or Earth would have to serendipitously drift into the line of fire of lasers shooting between other civilizations scattered among the billions of stars in the galaxy. "If there's a big conversation going on out there—like Carl Sagan said, 'a galactic Internet'—then maybe space is full of criss-

Marcy and colleague Paul Butler may be the world's best-known planet hunters: By discerning subtle shifts in various stars' optical spectra, they have so far spotted around a dozen planets circling. When it comes to other stars, they now believe planets are probably the rule, not the exception.

That sounds like the kind of conclusion that would only encourage SETI boosters. According to Frank Drake's famous equation, a large number of planets, among other factors, increases the number of alien civilizations we could detect. And yet, as we have looked farther and farther out into the heavens, as we have listened for radio signals year after year, we have neither seen nor heard any convincing evidence of an alien civilization.

SETIologists offer plenty of explanations: Maybe we have been quarantined ("with good reason," Marcy quips). Maybe our location, on the

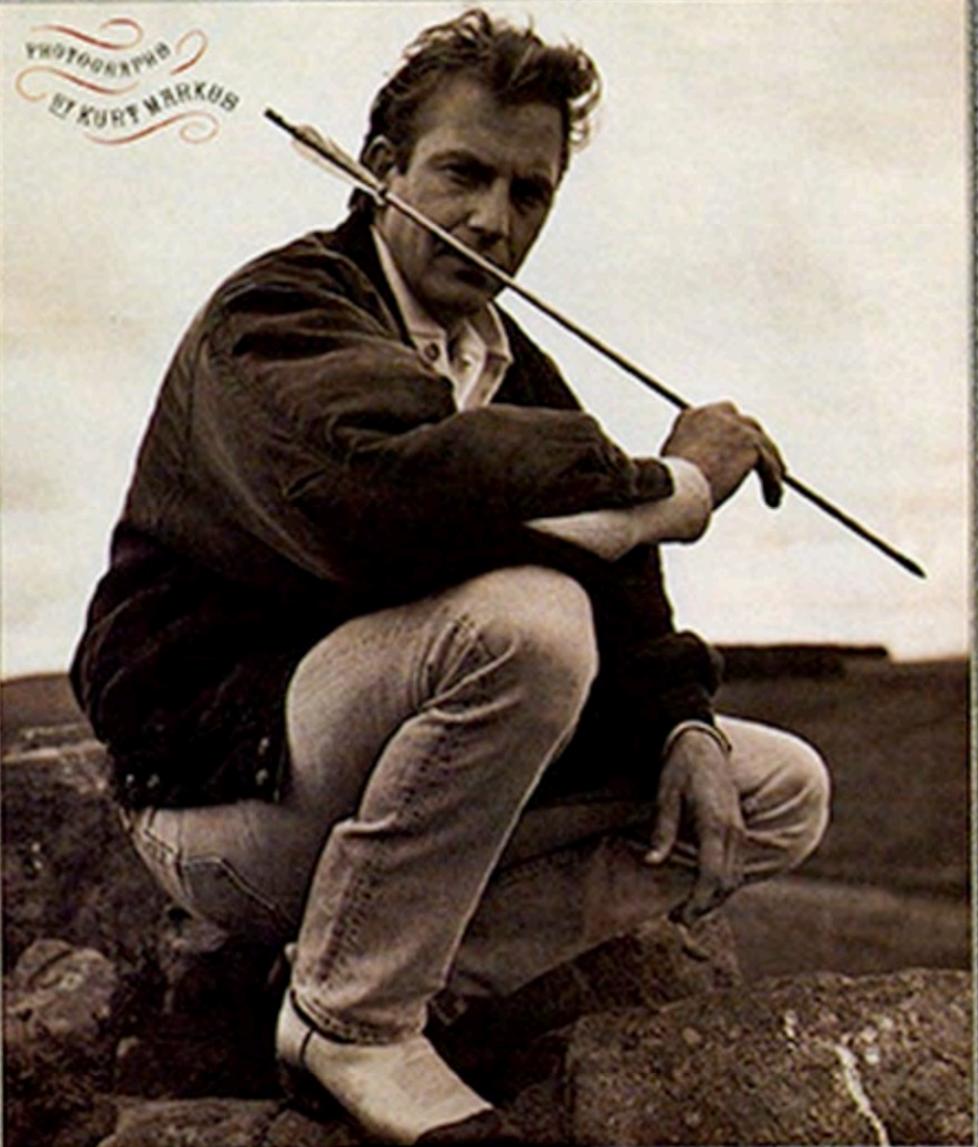
fringe of the Milky Way, has put us outside the range of Milky Way inhabitants who are signalling one another. Maybe advanced civilizations communicate with fiber optic cables and thus don't leak light signals. Maybe their waves cannot punch through our atmosphere. Maybe we just haven't invented the right detectors.

Maybe no one's out there.

"I've spent thousands of hours at major professional telescopes, and I've never once seen anything even remotely suggesting extraterrestrial intelligence," says Marcy, who counts SETI veterans Werthimer and Jill Tarter as good friends ("We go salsa dancing together"). "With all our searching, we have received no results in abundance. Some people say, 'Well, that doesn't prove anything,' and they're right. You can't prove there's no intelligence out there. But does it say something? Yes, it says that intelligence may be less common than we had hoped."

Nonetheless, one of Marcy's gradu-

PHOTOGRAPHED  
BY KURT MARKUS



# K E V I N

# O S T N E R

BY FRED  
SCHREUERS

A

a star and  
director of the big-budget,  
big-risk 'Dances  
With Wolves,' the bankable  
bad guy he isn't  
as low-key as he looks by  
tackling racial injustice in an  
epic of power and sweep.

ON A NOVEMBER DAY IN THE OGLALA  
CITY, SOUTH DAKOTA, ON THE WINDING SPRINGS  
CANYON ROAD IN THE MIDDLE OF A FOREST,  
Kevin Costner is organizing a group move-  
ment along a stream that cuts through  
steamy ground. It's a pivotal scene for  
*Dances With Wolves*, the three-hour epic

E

women in which Costner not only stars as  
a mongrel Union officer bring among a  
tribe of Sioux Indians but also makes his  
debut as a director. Some 150 Oglala  
Union soldiers are huddling up in the early-  
morning mist. "Okay, let's smoke it up,"  
says Costner, and the men are quickly eng-  
rossed by smoke blown down the road from  
a massive wind machine. **MP**



# FIONA

THE CAGED  
BIRD SINGS

WHEN FIONA APPLE PULLS into a new town – some place where she has never been before but where tonight there is a theater with her name on, and an audience waiting to suck in her pushy, poignant songs of disaffection and self-reliance – she takes a peculiar pleasure in picking up a copy of the local newspaper and reading its short, skewed, action-packed summary of her life and credentials. "Fiona, who said something bad at the MTV awards," she offers, by way of ex-

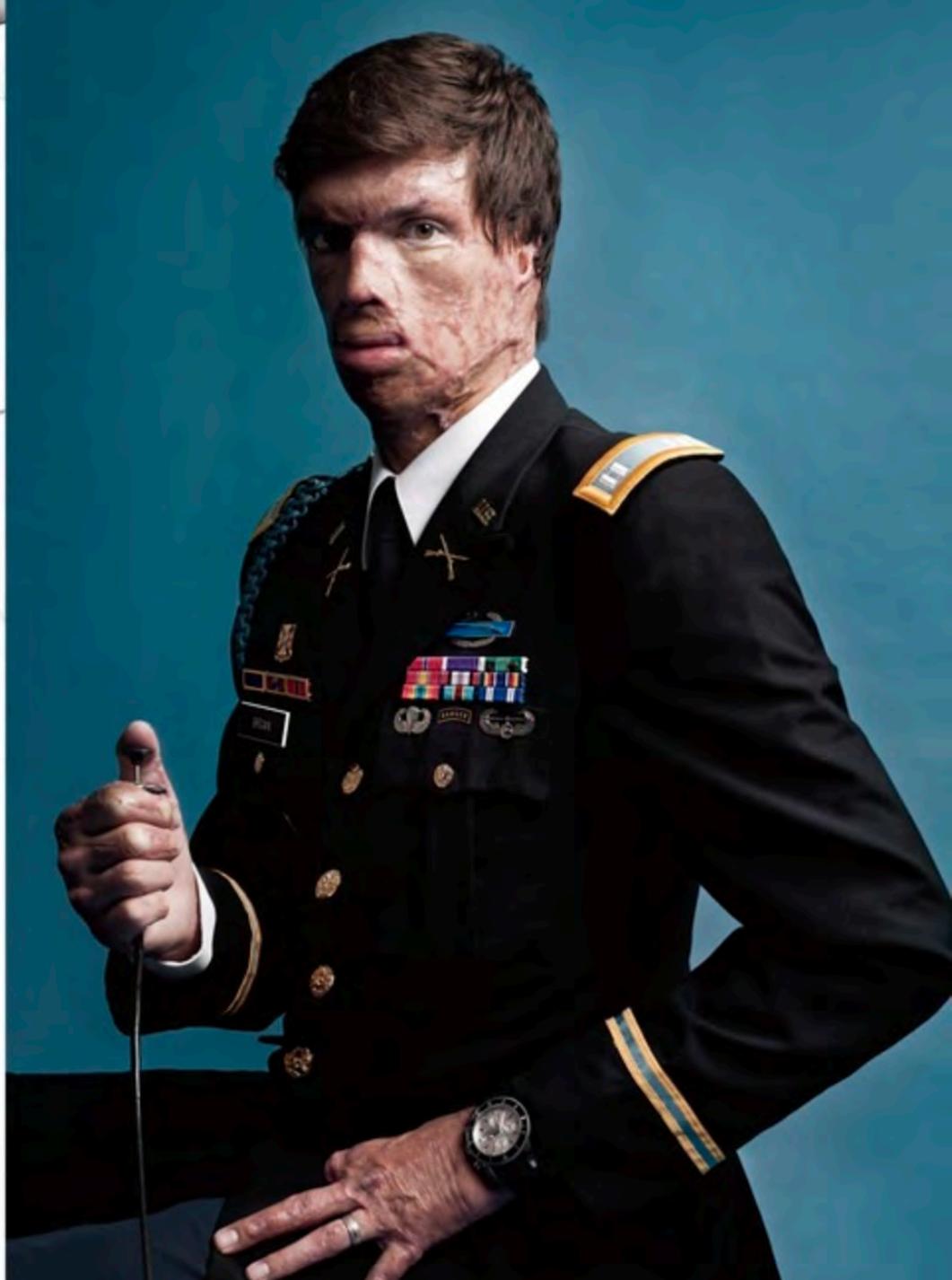
BY CHRIS HEATH  
PHOTOGRAPHS BY MARK SELIGER

# BURNING MAN

On his first tour of duty in Afghanistan, **SAM BROWN** was set on fire by an improvised explosive device. He survived, only to find himself, like thousands of other vets, doomed to a post-traumatic life of unbearable pain. Even hallucinogen-grade drugs offered little relief, and little hope.

Then his doctors told him about an experimental treatment, a painkilling video game supposedly more effective than morphine. If successful, it would deliver Brown from his living hell into a strange new world—a digital winter wonderland

by JAY KIRK  
Photographs by ETHAN LEVITAS



# Fortunato Depero



# Erhard Ratdolt - Elements of Geomrey 1482

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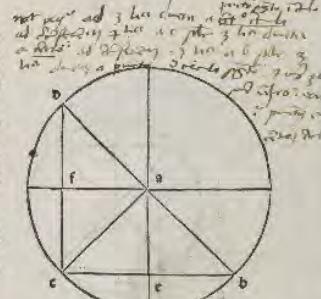
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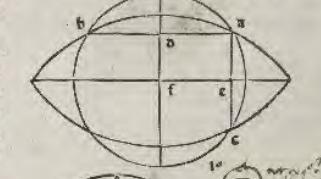
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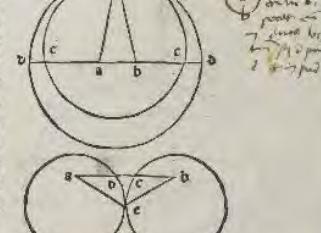
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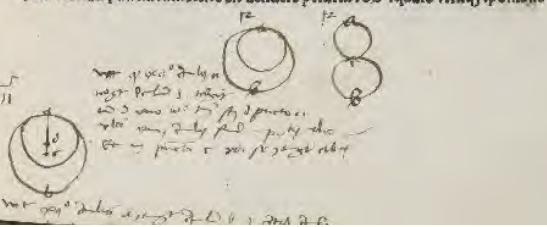
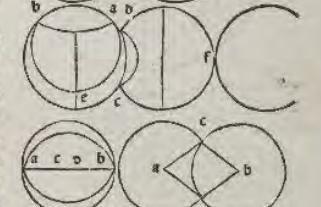
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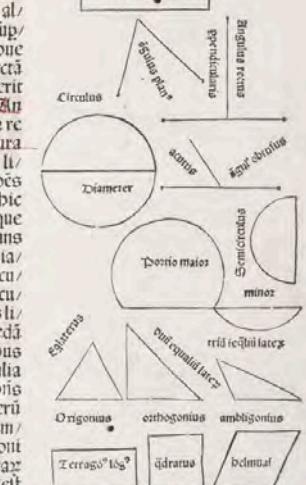
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ē q̄ minimo vñlēmūlē pñctū. **C**irculū ē figura plana vñlē  
linea pñctū: q̄ circumferentia noīaf: iii cu. medio pñctū: c: a: quōdē  
linee recte ad circumferentia exēctes sibi nōc: sūt equalis. Et hic  
quidē pñctū cítrū circuli d̄. **D**iameter circuli ē linea recta que  
sup̄t cítrū trāiens extēmitateq; suas circumferēte applicans  
circulū i dño media diuidit. **G**eometricus ē figura plana dia  
metro circuli ē medietate circumferēte pñctū. **P**ortio circu  
li ē figura plana recta linea z parre circumferēte pñctū: lem̄tercu  
lo quidē aut maior aut minor. **R**ectilīne figure sūt q̄ rectis li  
neis cōmītēt: quādā trilaterā q̄ trib⁹ rectis lineis: quādā  
quadrilaterā q̄ quādā rectis lineis: quādā multilaterā que pluribz  
q̄ quādā rectis lineis continent. **F**igurā trilaterā: alia  
ē triangulū: his tria latera equalia. **A**lia triangulū duo bñs  
ēq̄lā latera. **A**lia triangulū triū inequalium laterū. **M**ax iterū  
alia ē orthogonū: vñl. i. rectum: angulum habens. **A**lia ē am  
bigonū aliquem obtusum angulum habens. **A**lia ē oxygonū  
i: in qua tres anguli sunt acuti. **F**igurāq; ante quadrilateraz  
alia ē qđratum quod ēt equilaterū atq; rectangulū. **A**lia ēt  
tetrāgonū longū: q̄ ēt figura rectangula: sed equilatera non est.  
**A**lia ē belmāy: que ēt equilatera: sed rectangula non est.



# Francesco Griffó (1450–1518)

brilliant typeface designer & punch cutter at Aldine Press.

Griffo cut roman, Greek, Hebrew,  
& the first italic types for Aldine editions.

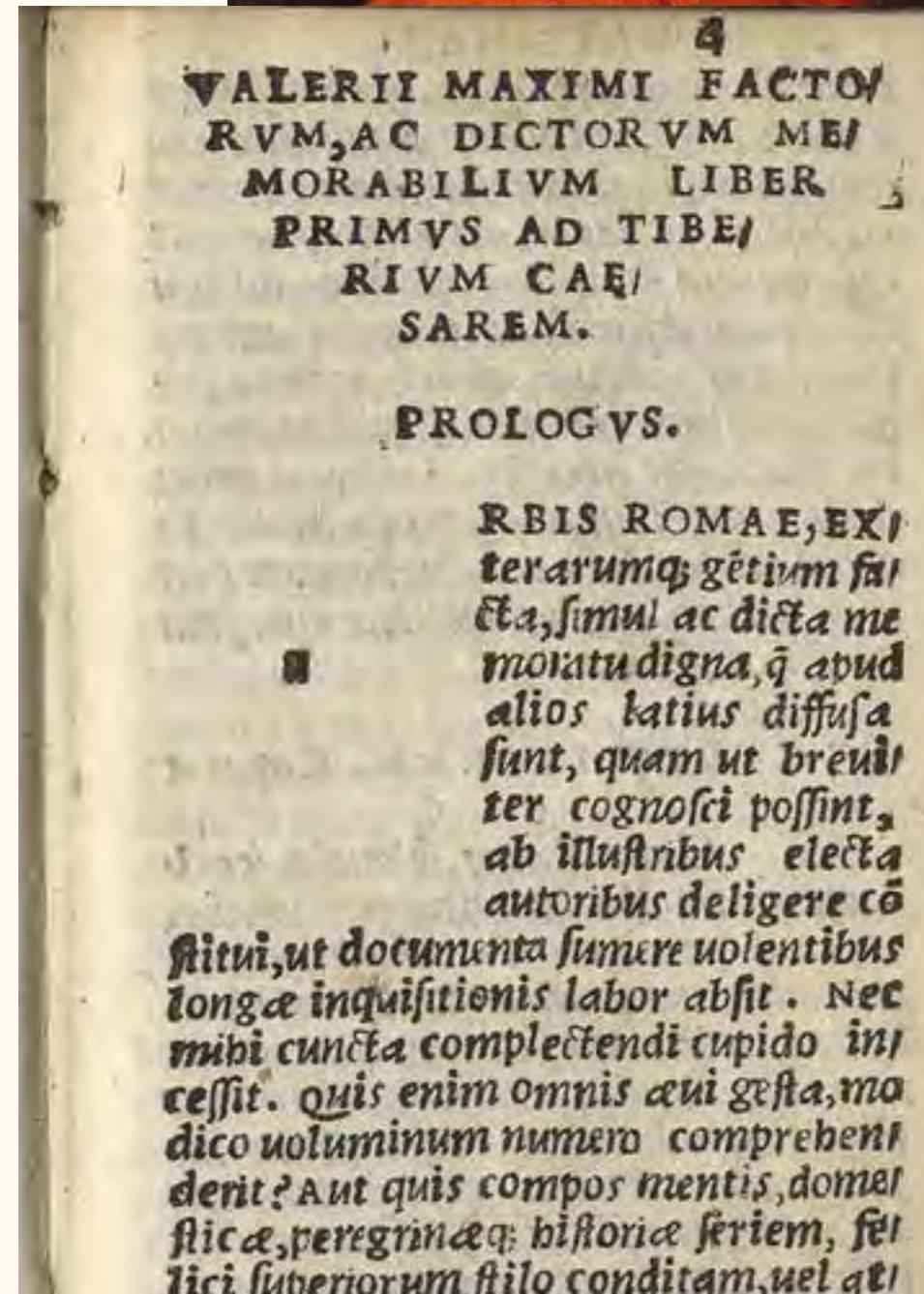
His initial project in Venice was a roman face for De Aetna by Pietro Bembo in 1495

Griffo researched pre-Caroline scripts to produce a roman type that was more authentic than Jenson's designs.

Style survives today as book text face Bembo.

Griffo's typefaces became the model for the French type designers who perfected roman letterforms during the following century.

<https://www.fonts.com/browse?filter=family:classification:serif,family:classification:serif:oldstyle>



P·V·M·Buolici. Georgicæ. Aeneida quam emenda  
ta, et qua forma datus, uidetis. cætera, quæ Poe  
ta exerceendi sui gratia composuit, et obscœna, quæ ei  
dem adscribuntur, non censuimus digna enchyridio.  
Est animus dare posthac iisdem formulis optimos  
quosque authores. Valete.

# IN GRAMMATICÆ LAVDEM.

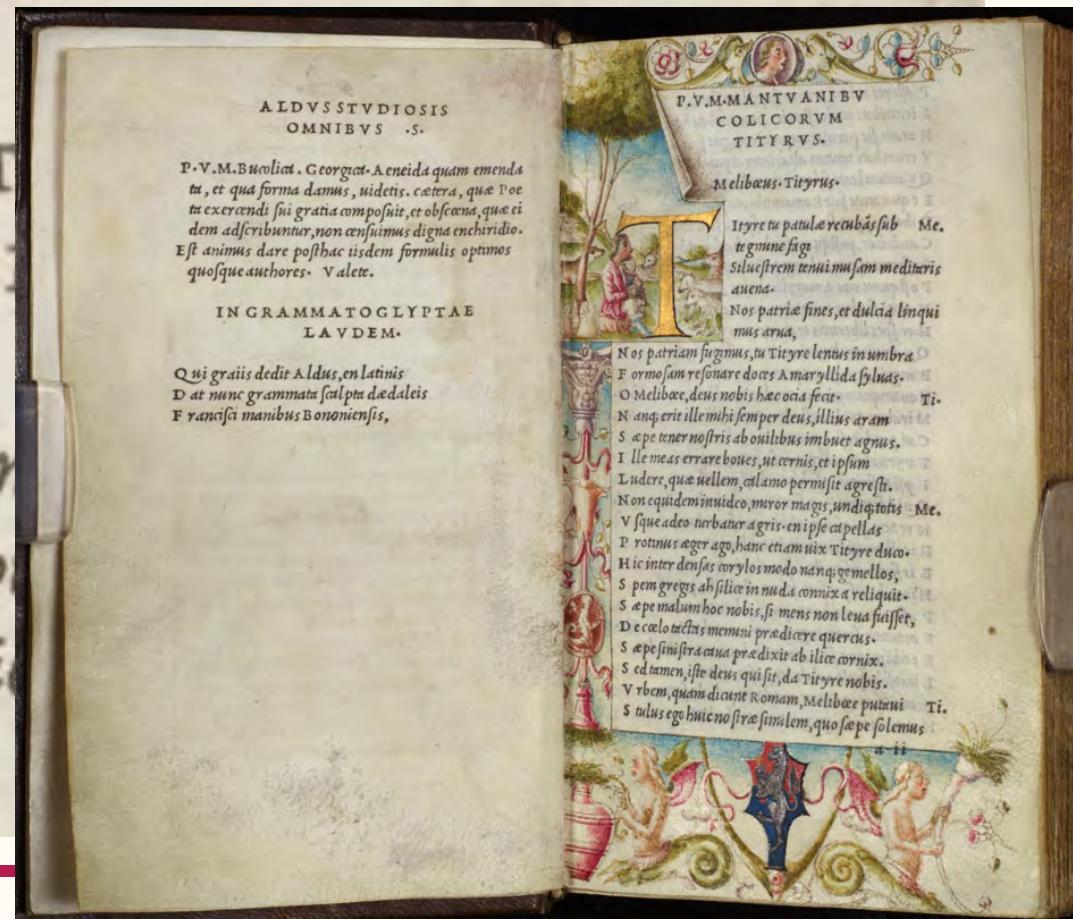
Qui graiis dedit Aldus, er  
dat nunc grammata scalpi  
Francisci manibus Bononiæ

## ALDVS STVDIOSIS OMNIBVS .S.

P·V·M·Buolici. Georgicæ. Aeneida quam emenda  
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Est animus dare posthac iisdem formulis optimos  
quosque authores. Valete.

## IN GRAMMATO GLYPTEA LAVDEM.

Qui graiis dedit Aldus, en  
dat nunc grammata scalpi  
Francisci manibus Bononiæ,



P·V·M·Buolici. Georgicæ. Aeneida quam emenda  
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# IN GRAMMATICÆ LAVDE

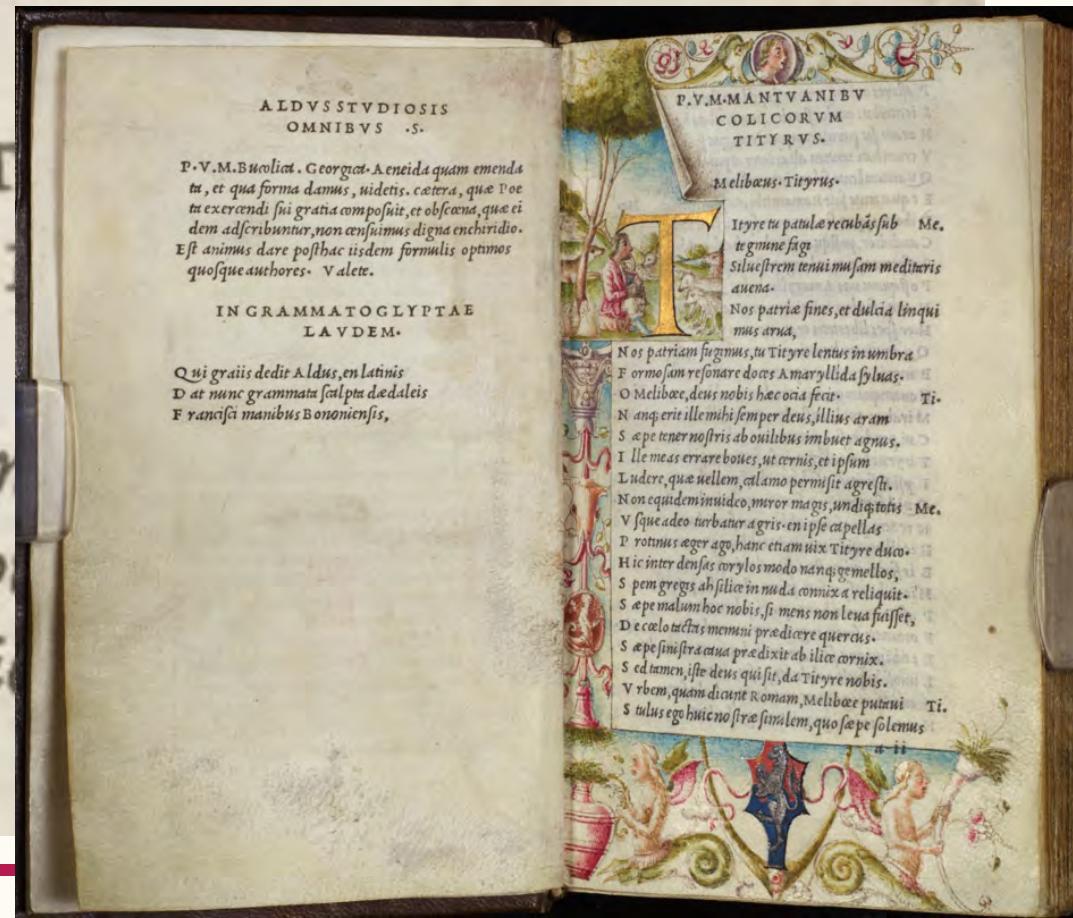
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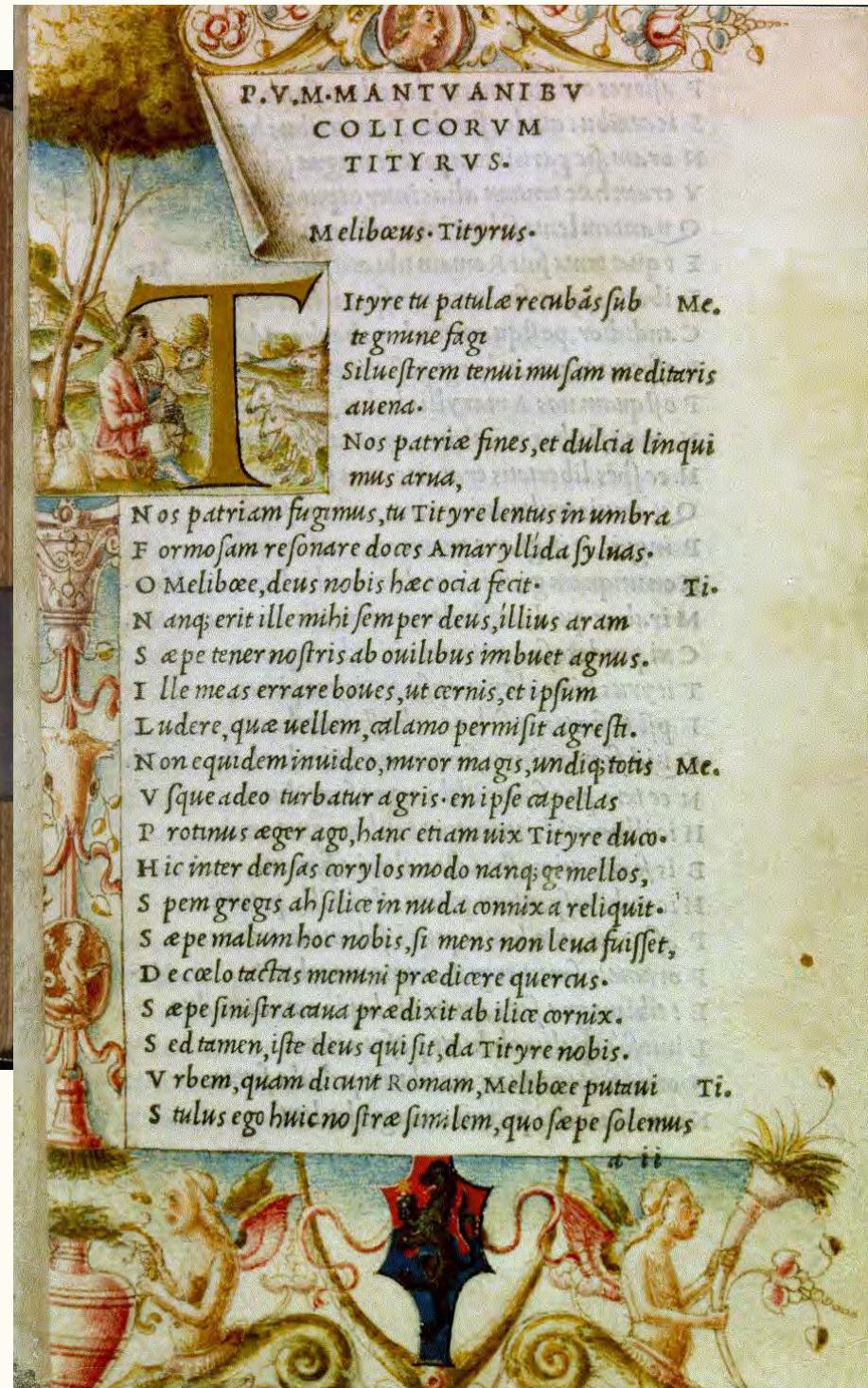
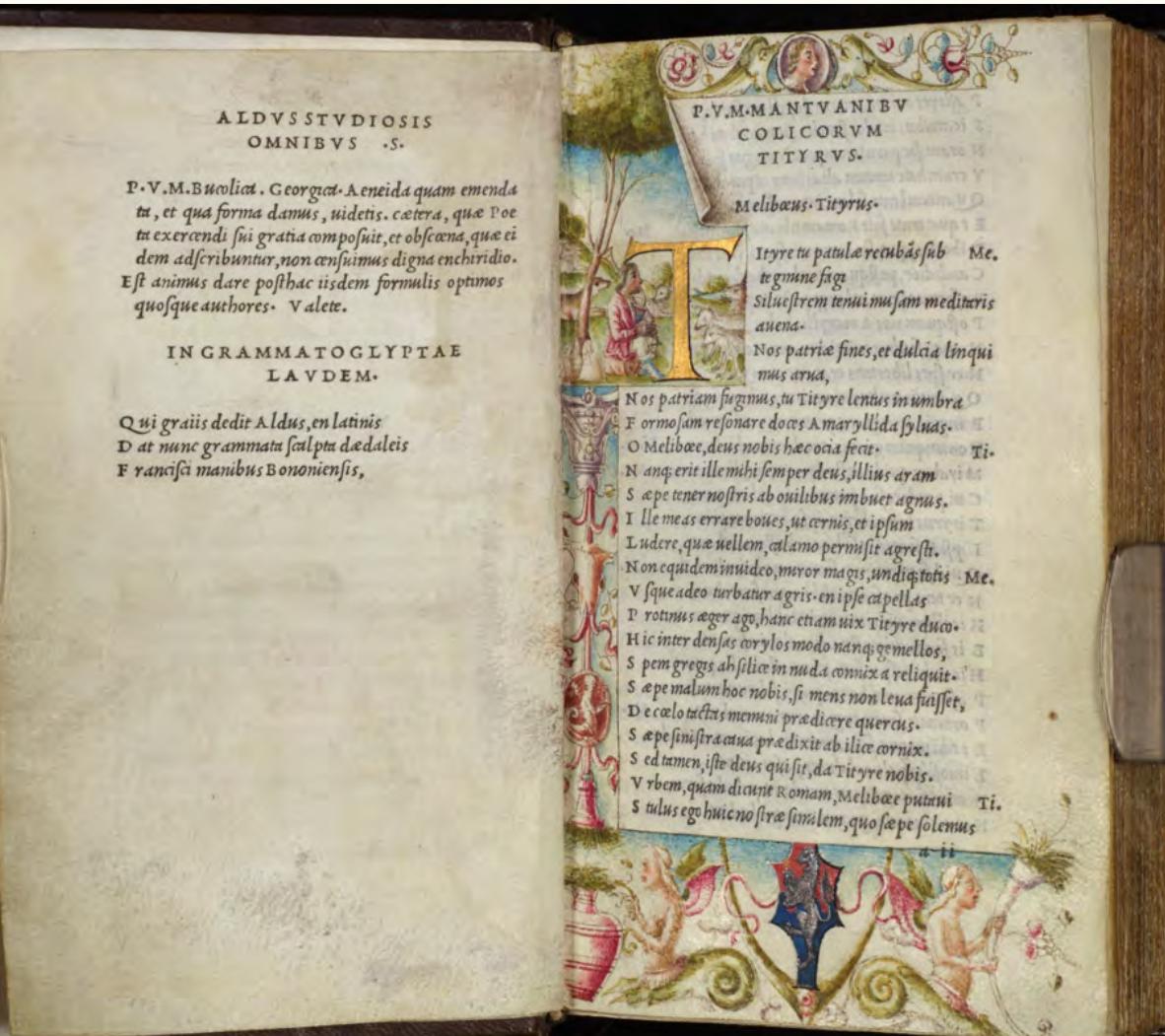
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Qui graiis dedit Aldus, en  
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Francisci manibus Bononiis,



# Manutius Virgil's Opera (1501)



# Geoffroy Tory (1480–1533)

a true renaissance man whose accomplishments ranged from professor, scholar, & translator to poet & author; from publisher, printer, & bookseller to calligrapher, designer, illustrator, & engraver.

He translated, edited, & often published Latin & Greek texts. As a reformer of the French language, he introduced the apostrophe, the accent, & the cedilla. In the graphic arts, he played a major role in importing the Italianate influence & then developing a uniquely French Renaissance school of book design & illustration.



