

Divers digital desiderata

Explorations in digital printing

John Labovitz

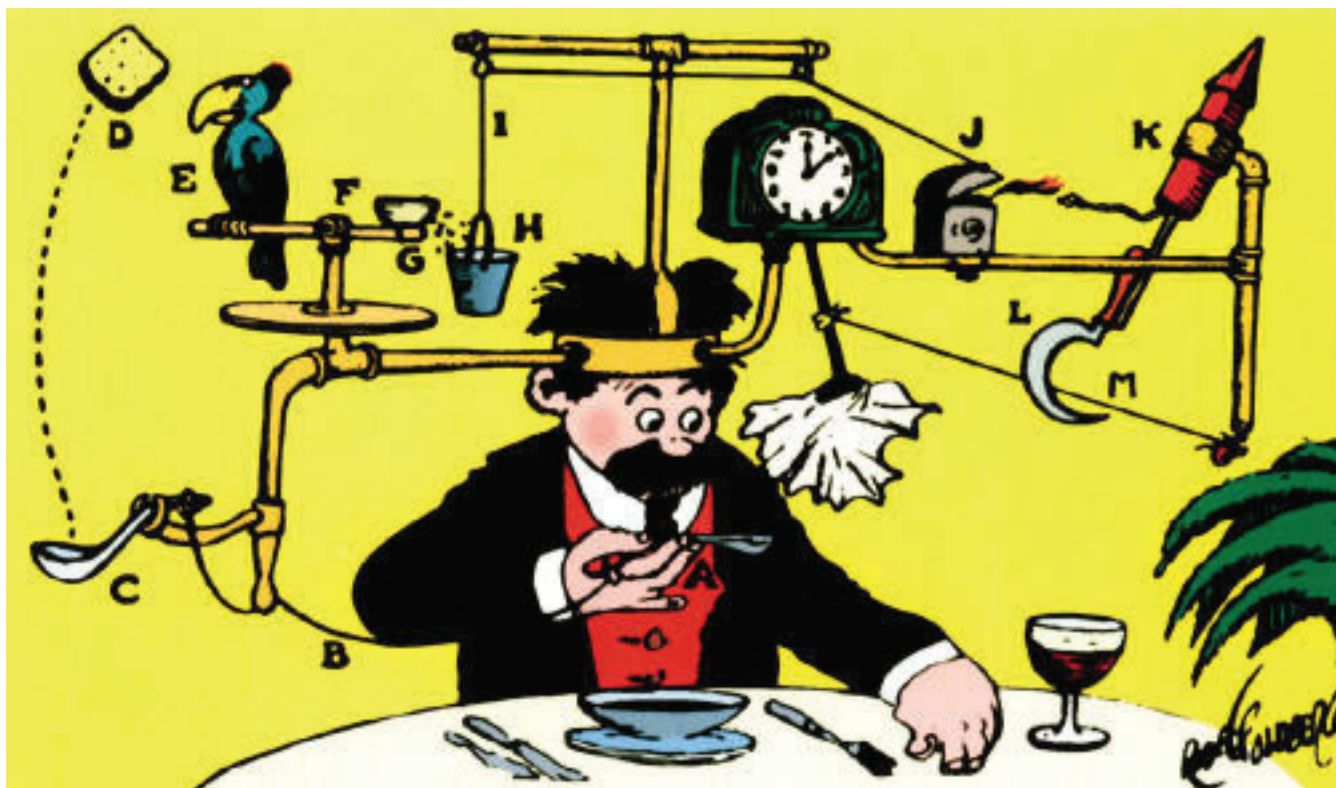










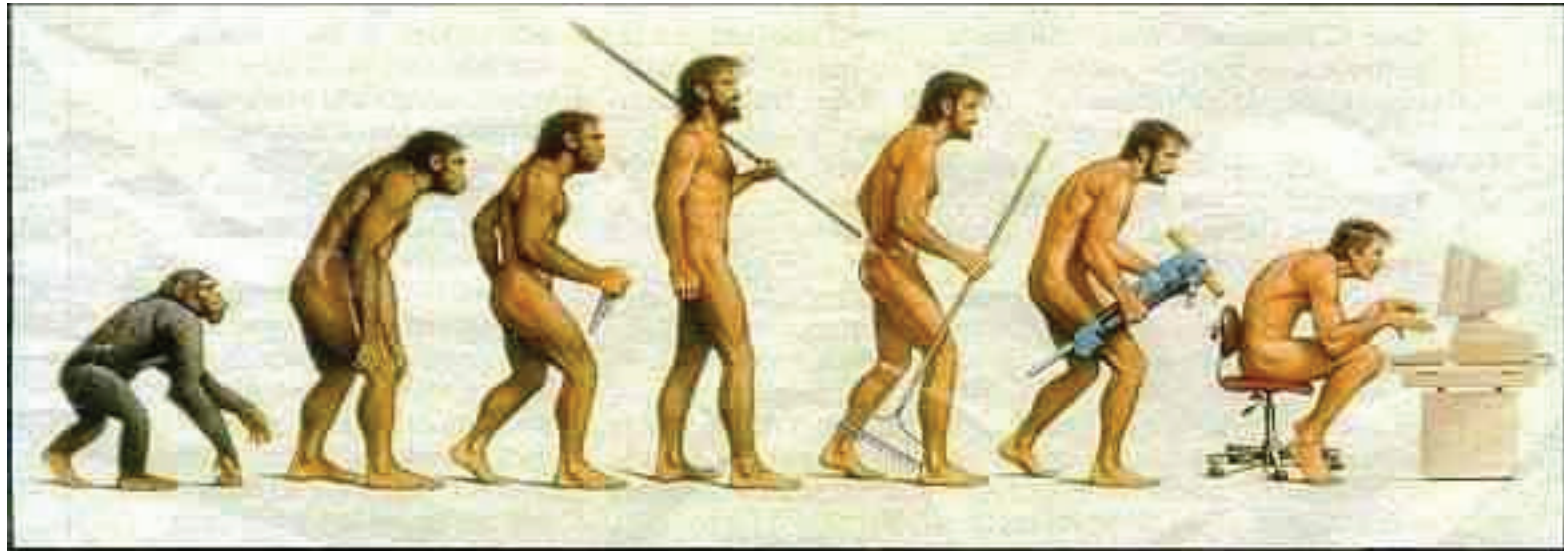




**"Have no fear of perfection,
you'll never reach it"**

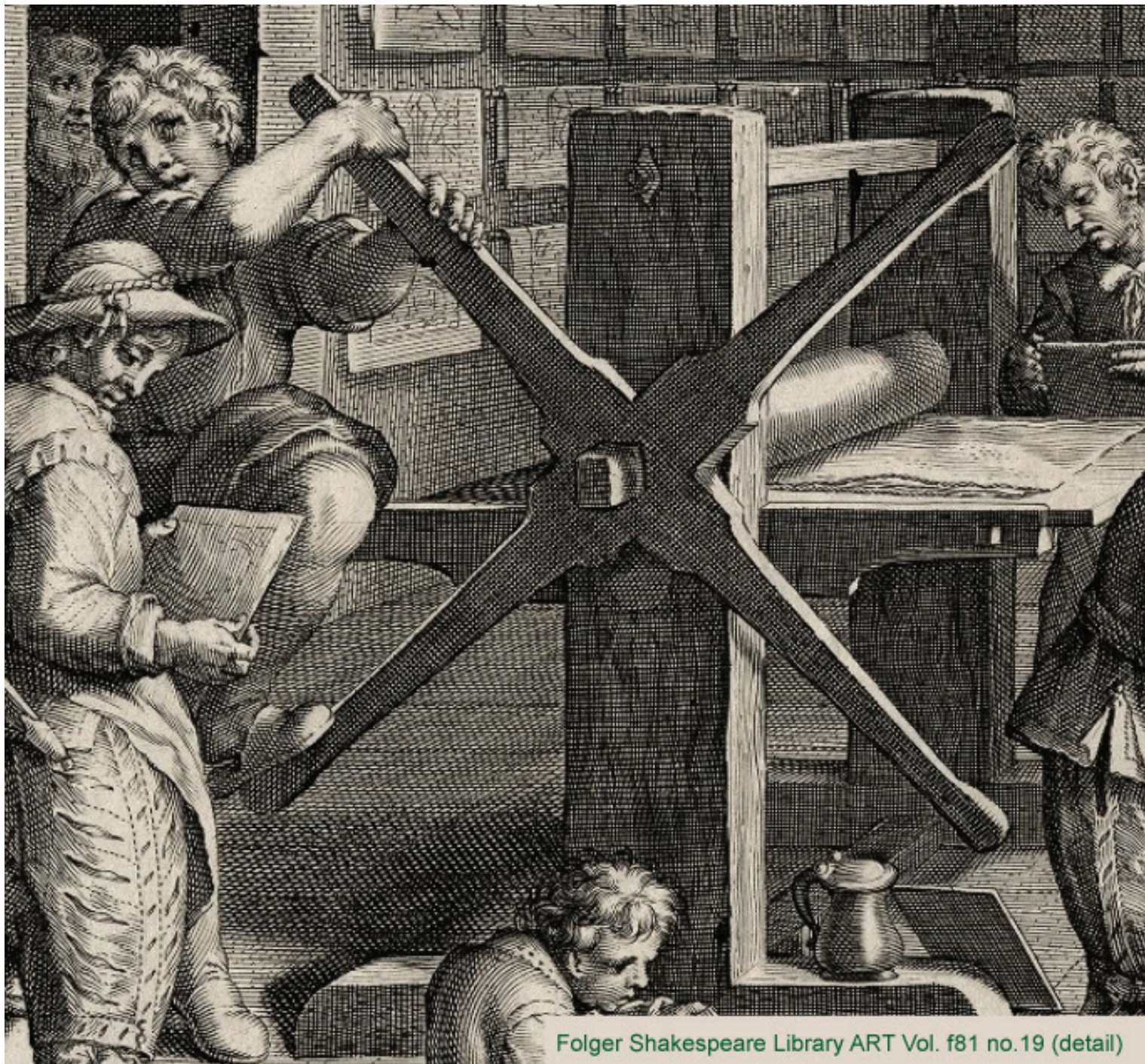
- Salvador Dali





Somewhere, something went terribly wrong





Folger Shakespeare Library ART Vol. f81 no.19 (detail)



I.

Of Preliminaries.

COLORITTO, or the *Harmony of Colouring*, is the *Art of Mixing COLOURS*, in order to represent naturally, in all Degrees of *painted Light and Shade*, the same *FLESH*, or the Colour of any other Object, that is represented in the true or *pure Light*.

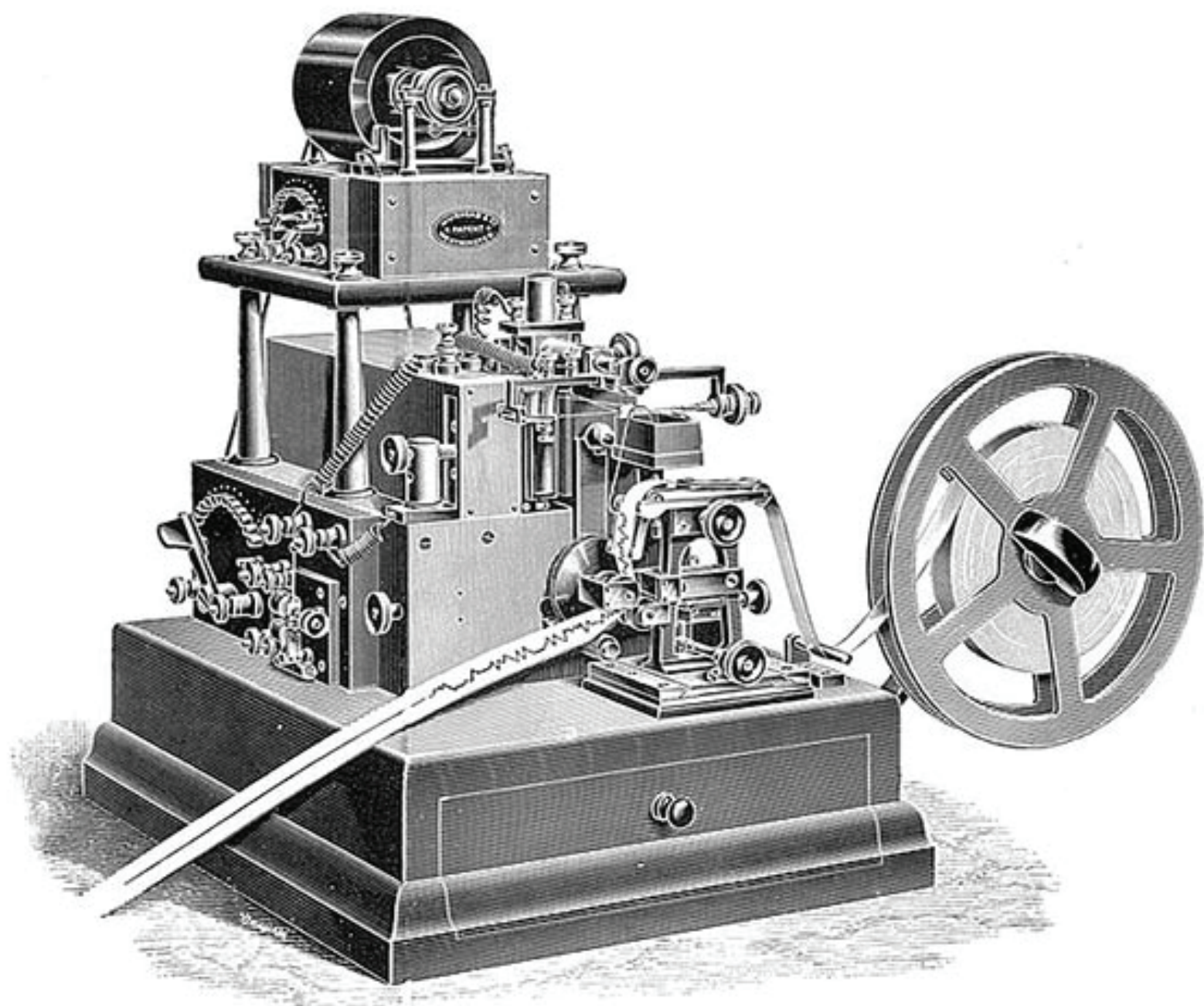
PAINTING can represent all *visible Objects* with three Colours, *Yellow, Red, and Blue*; for all other Colours can be compos'd of these *Three*, which I call *Primitive*; for Example,

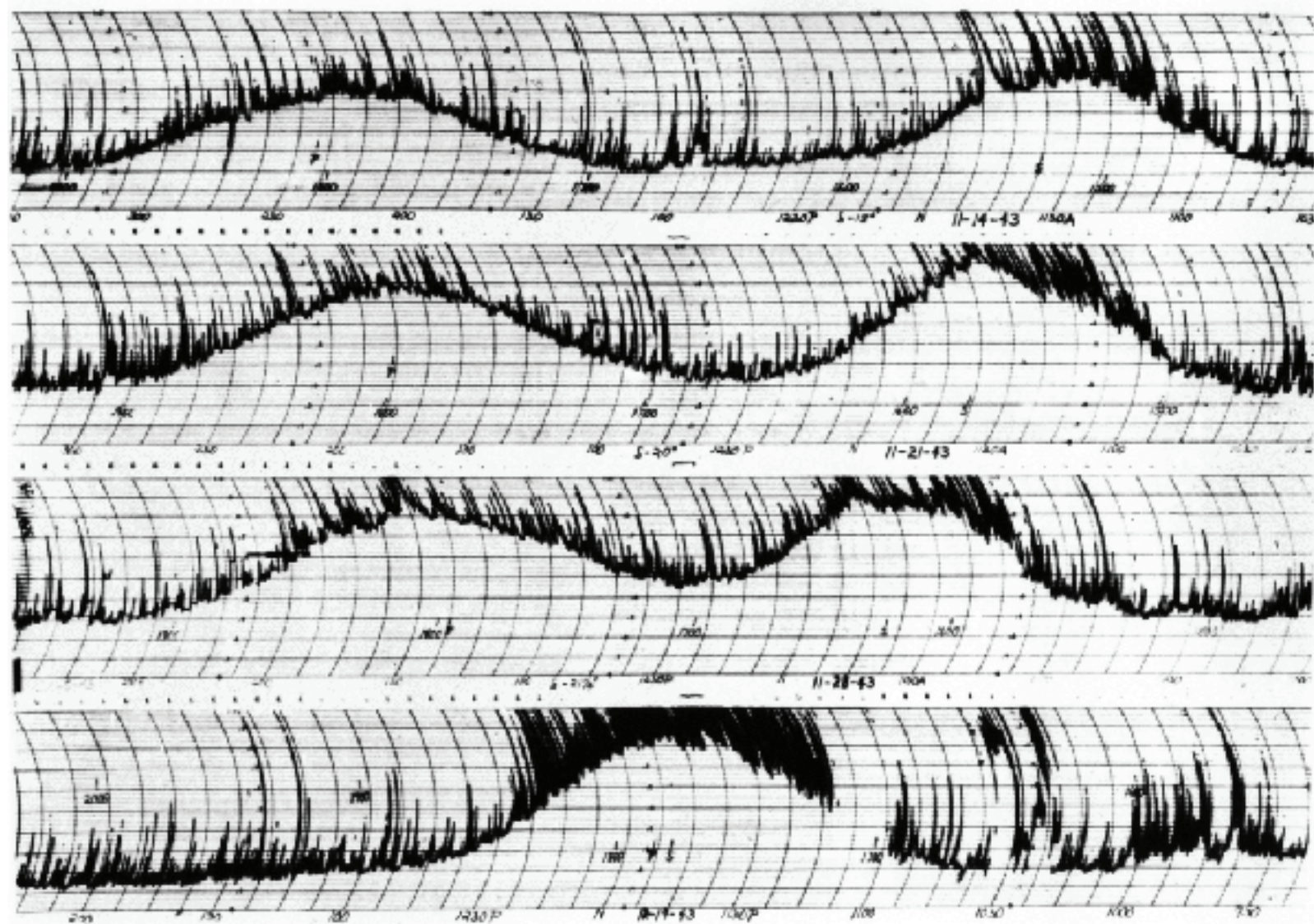
<i>Yellow</i> and <i>Red</i>	}	make an <i>Orange Colour</i> .
<i>Red</i> and <i>Blue</i>	}	make a <i>Purple and Violet Colour</i> .
<i>Blue</i> and <i>Yellow</i>	}	make a <i>Green Colour</i> .

And a *Mixture* of those *Three Original Colours* makes a *Black*, and all other Colours whatsoever; as I have demonstrated by my Invention of *Printing Pictures and Figures with their natural Colours*.

I am only speaking of *Material Colours*, or those used by *Painters*; for a *Mixture* of all the primitive *impalpable Colours*, that cannot be felt, will not produce *Black*, but the very Contrary, *White*; as the Great Sir ISAAC NEWTON has demonstrated in his *Opticks*.

White, is a Concentring, or an *Excess* of Lights.
Black, is a deep Hiding, or *Privation* of Lights.





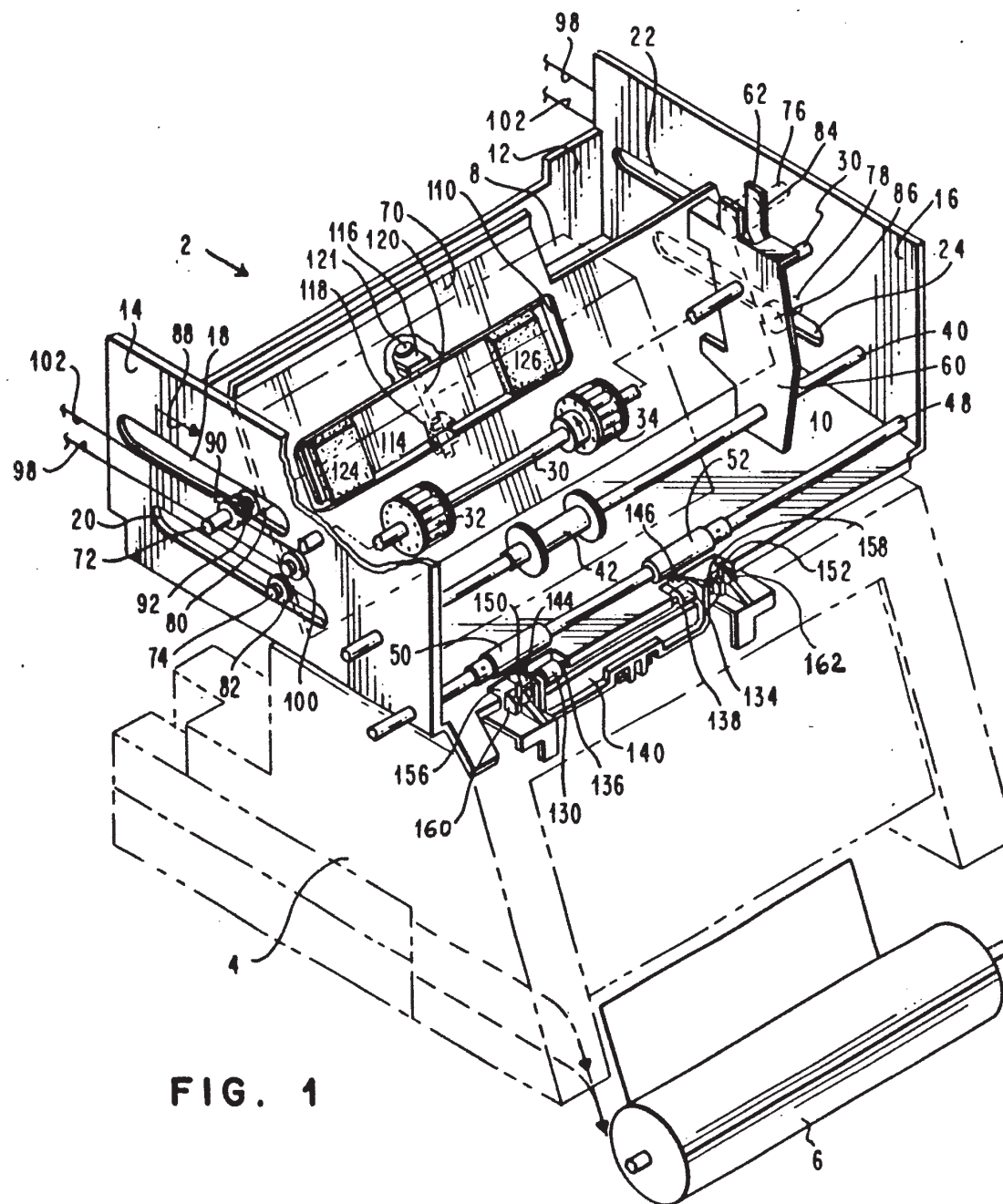


FIG. 1











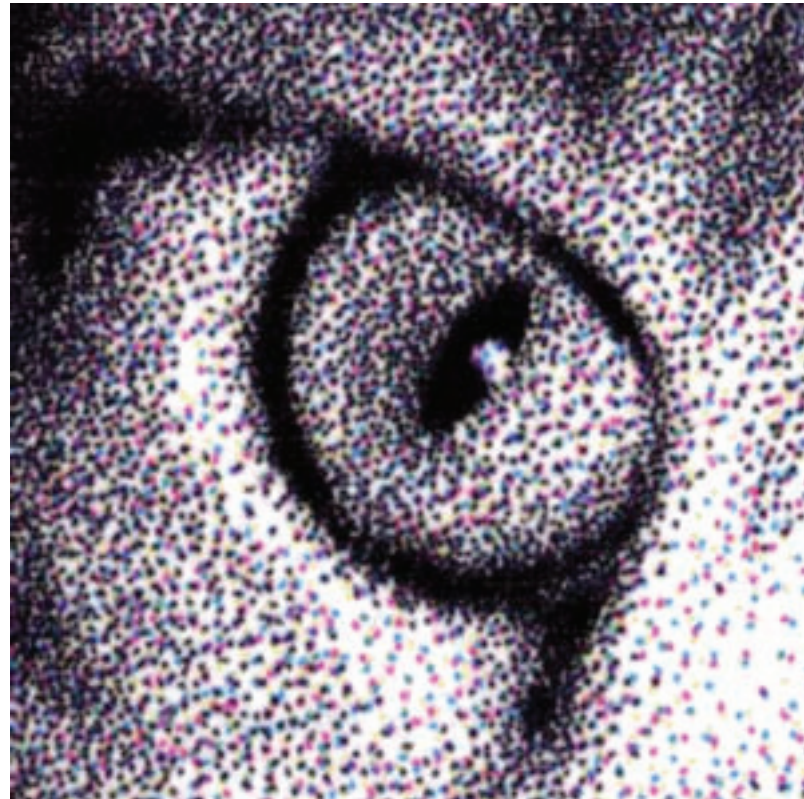












Graytone100

Jon Cone Stephen Herrolds

DigitalPlatinum Icefields

Clayton Jones Paul Roark

StylusRIP Piezography

Tyler Boley Roy Harrington

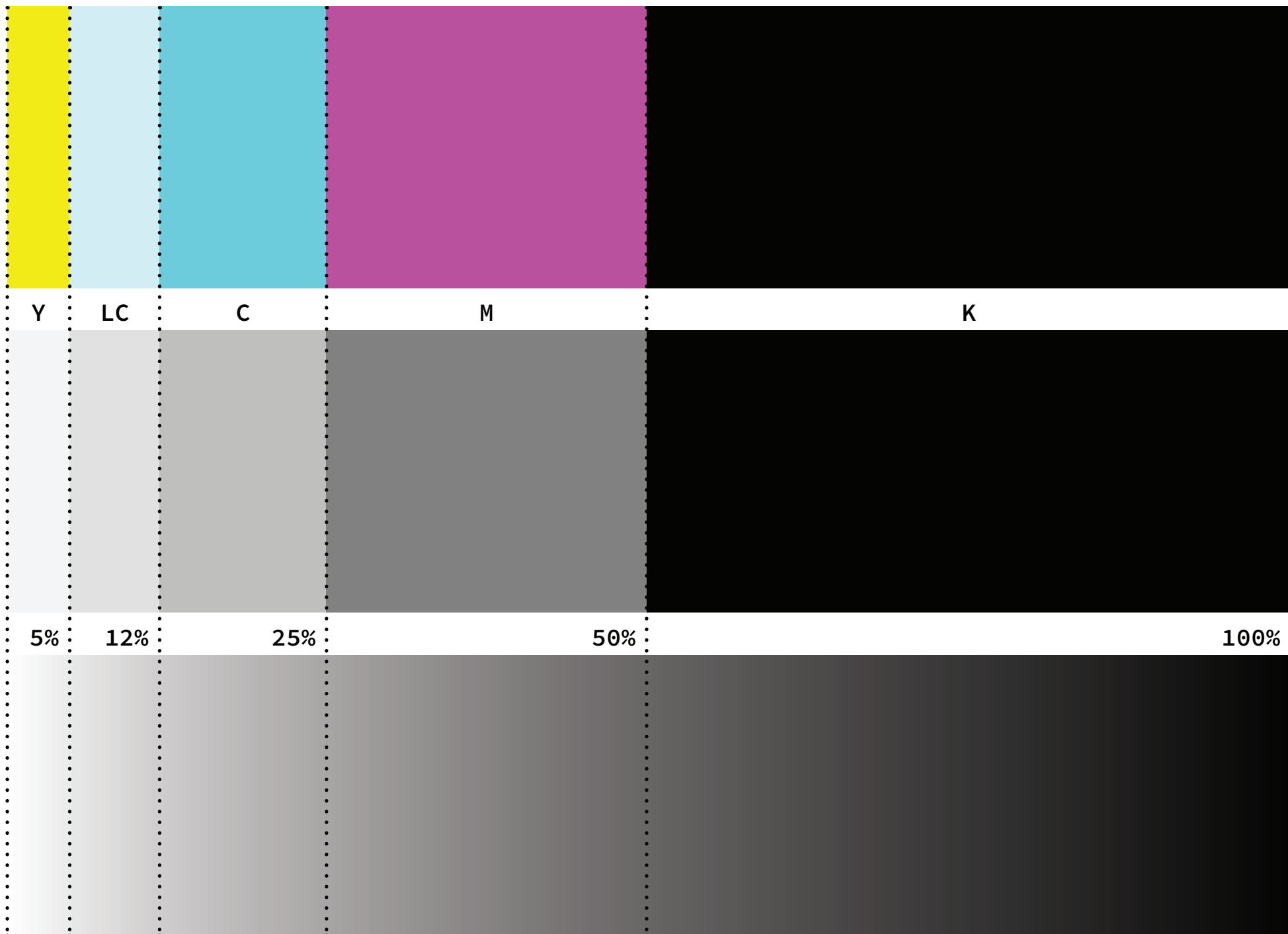
PressReady PiezoBW

MIS Associates

ImagePrint StudioPrint

Michael Sweet Robert Krawitz

Gimp-Print Gutenprint QuadtoneRIP





K



C



M



Y

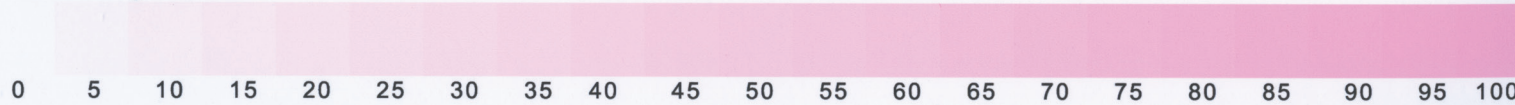
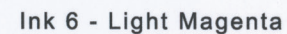
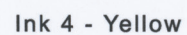
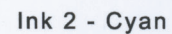


LC



original

Ink 1 - Black



N_OF_INKS=5

LIMIT_K=29

LIMIT_C=34

LIMIT_M=34

LIMIT_Y=34

LIMIT_LC=34

N_OF_GRAY_PARTS=5

GRAY_INK_1=K

GRAY_VAL_1=100

GRAY_INK_2=M

GRAY_VAL_2=66

GRAY_INK_3=C

GRAY_VAL_3=38

GRAY_INK_4=LC

GRAY_VAL_4=21

GRAY_INK_5=Y

GRAY_VAL_5=11

LINEARIZE="96 92 89 85 81 78 74 67 63 60 56 52 49 46 41 37 34 31 28 25 22"

