



May 2, 2014

RE: Request to Use MIT-Copyrighted Material

Dalal Kassem  
401 Holland Lane, apt#1304  
Alexandria, VA 22314

Dear Dalal,

In response to your May 2014 inquiry, the copyright notice corresponding to the figures listed in EXHIBIT A attribute ownership to the Massachusetts Institute of Technology ("MIT"). Accordingly, MIT hereby grants you permission use the images in your thesis "The Sketchpad Window," provided that any use of the figures contain the proper acknowledgment of MIT's copyright and credits the authors. This authorization to use the copyrighted figures also applies to any future editions, revisions, and to mechanical and electronic storage on any carrier.

Sincerely,

A handwritten signature in black ink, appearing to read 'Peter Bebergal'.

Peter Bebergal  
Associate Officer

## EXHIBIT A

From "Sketchpad: A Man-Machine Graphical Communication System" by Ivan Edward Sutherland (1963):

Fig 1.2: TX-2 Operating Area

Fig 4.1: Light Pen

Fig 9.1: Zig- Zag for Delay Line

Fig 9.8: Winking Girl and Components

Fig 9.10: Girl with Features Changed

From "Sketchpad III, Three Dimensional Graphical Communication with a Digital Computer" by Timothy Edward Johnson (1963):

Fig titled (TX-2 Console Area) without a figure number.

Fig 3: Additive rotation

Fig 6: Sequential rotation

Fig 8: Graphical interpretation of a perspective transformation.

Fig 11: Three-Dimensional Tic-tac-toe

Fig 12: Wrought Iron Chair Design