## Problem of the Week

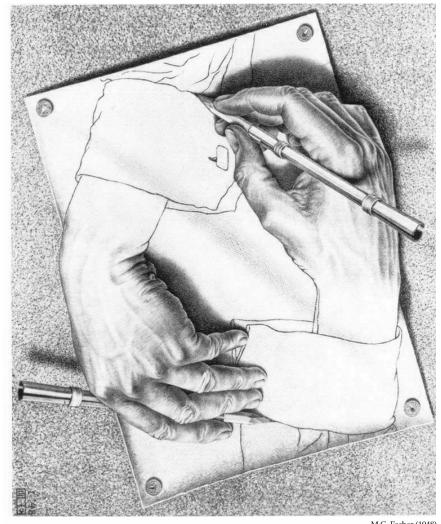
Finishing date: 10/06/2017

Find all strictly decreasing functions f(x) from the positive real numbers to the positive real numbers such that, for any positive real x and y, the following holds:

$$f(xf(y)) = yf(x)$$

Previous problem winners:

Stephen Skapek (first solution)



M.C. Escher (1948)

