

① Ink bottle 'enchanted'
to reflect emotion of
partner as sensed by
biosensors on their
pen.

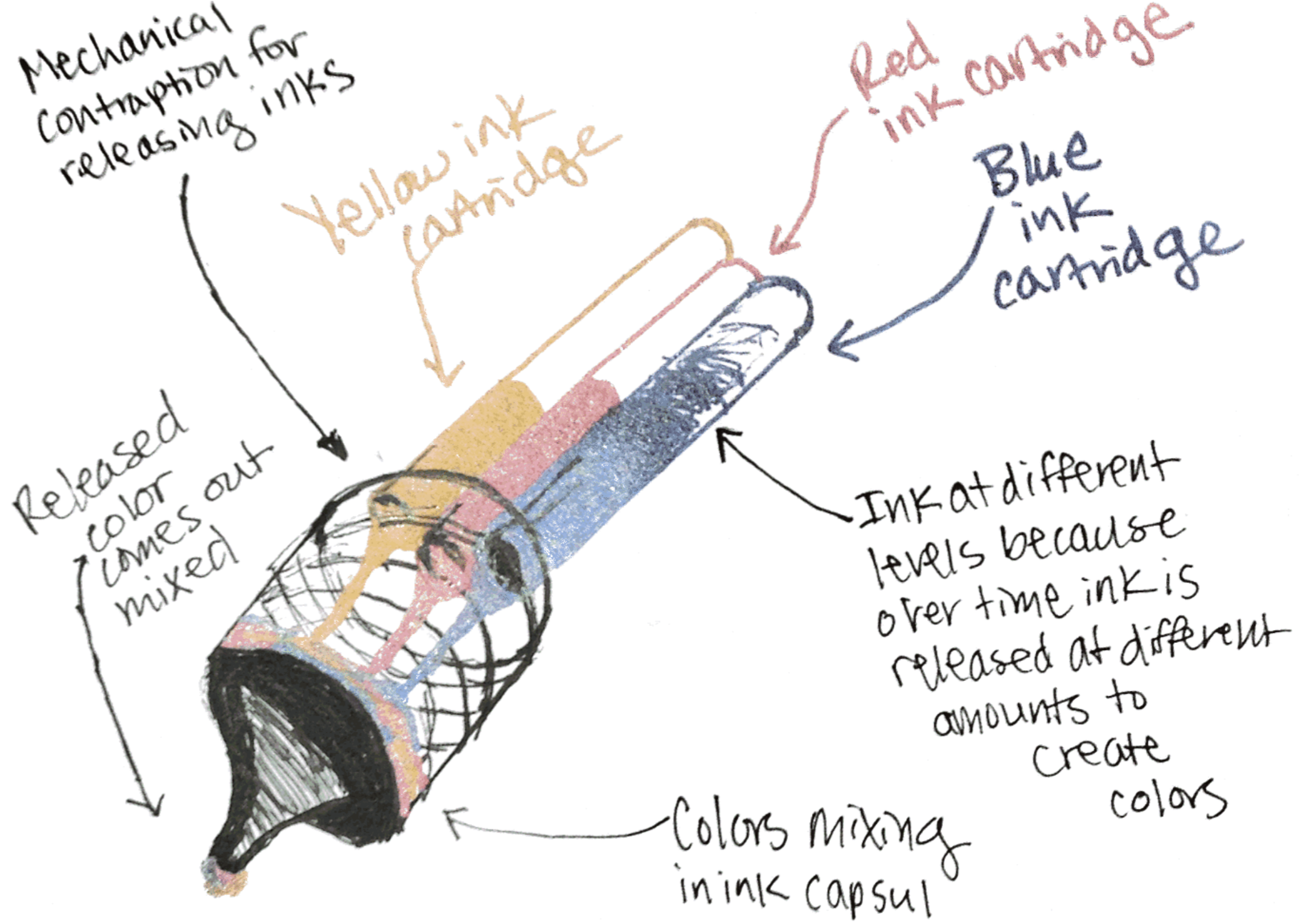


Ink Bottle
(Doesn't actually have ink)



② When pen dipped into ink
bottle (i.e. passing the
bottle rim), a signal is
given to the pen indicating
the 'emotional color' of
the partner that the
pen is picking up.

Inside the pen, that color is created from the mixture of red, blue, yellow inks. The appropriate proportion of each color is released.



Close Up of Ink Pen

④ When ink capsule runs out, time to 'dip' pen in ink bottle again to get the new 'emotional color'. New red, yellow, blue ink colors released at that time

Ink Pen Also as Sensor Input

Detect emotional state by sensing how partner holds their pen. Possible measures:

- FSR (Pressure)
- Electromyography (EMG)
 - muscle tension
- Electrodermal activity
 - sweat
- Blood volume Pulse
 - blood in finger
 - heart rate

