

Complex
Plane
Entertainment
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ISSUE 1i: *Orthogonal*

Created by Gloria Reynolds

*DELTA*vengers





HULC Ready to Smash!

After three years of construction, the world's largest repulsor array is ready to start probing the secrets of the universe. To learn more, we interviewed Elizabeth Ross, lead experimental physicist at the Hadron mUon Lateral Collider.

Lateral Collider? What does that mean?

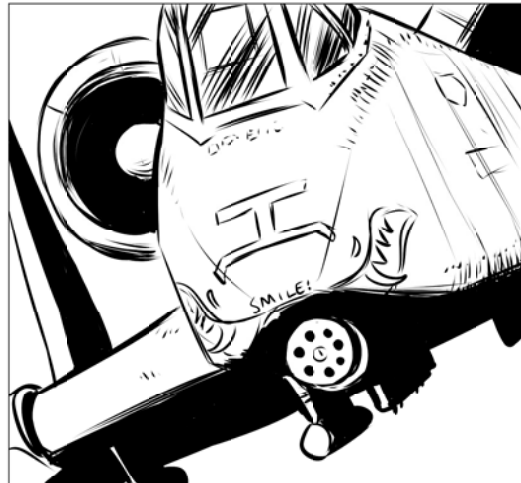
Ross: Much of the theory behind the repulsor effect involves the possibility that it subtly warps spacetime. Our world is four dimensional, with three spatial di-

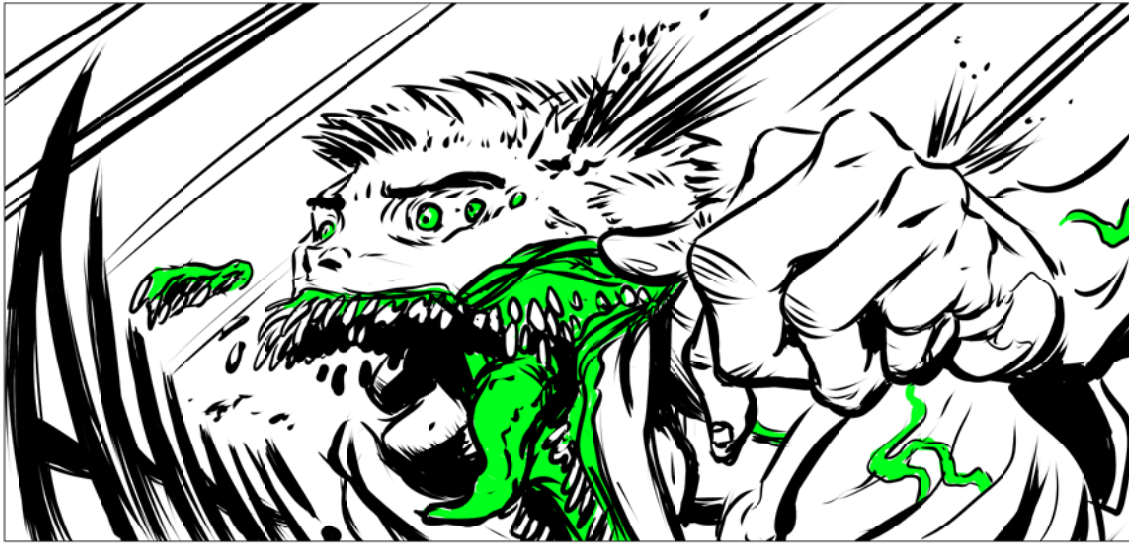
What do you expect to see?

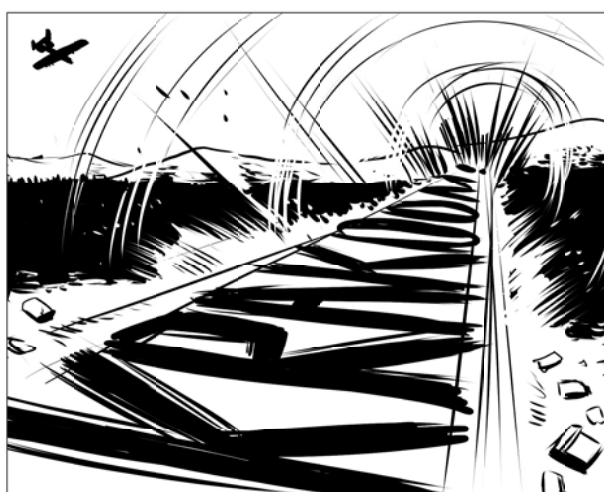
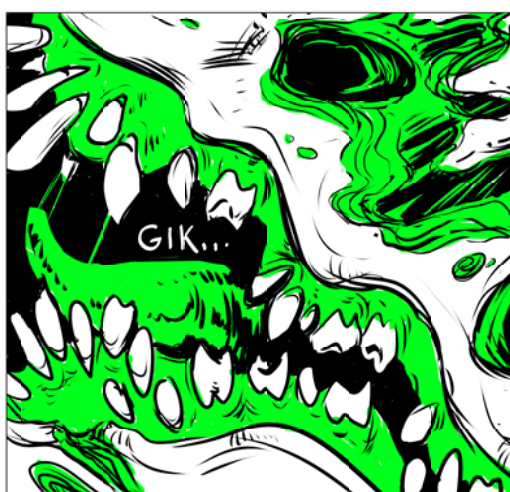
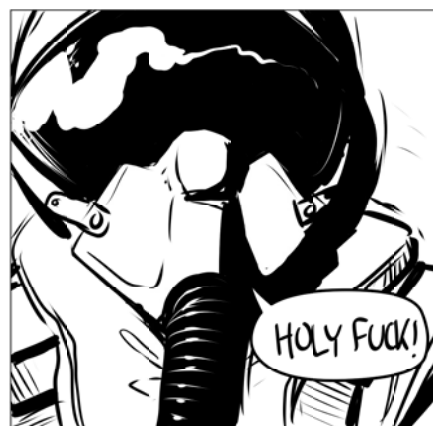
Ross: Not very much at first! We're mostly expecting small statistical variations in hadron collision products, caused by the warped spacetime of the repulsor. I would be very surprised if anything big jumped out immediately! We hope to find concrete evidence of higher dimensions and a better framework for how repulsors work, maybe even make more efficient versions.

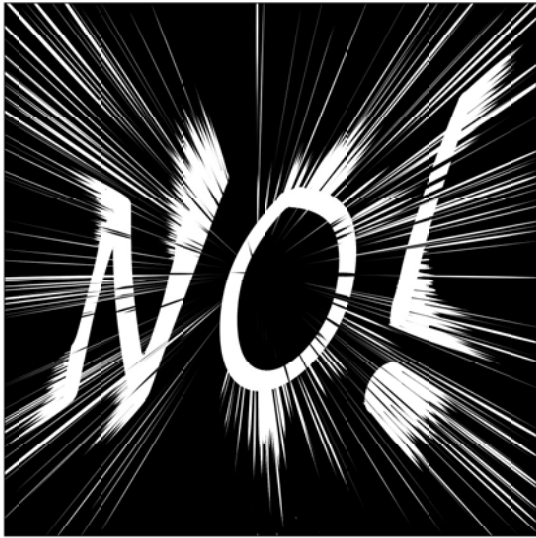
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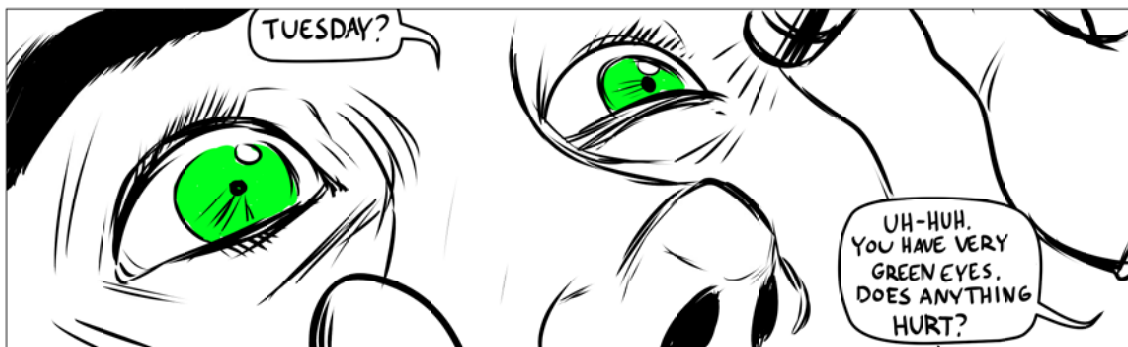


NO NO NO NO NO NO NO NO
HULK IS SOWWY PLEASE
STOP HUWT PLEASE HULK
WILL BE GOOD HULK IS
SOWWY WAS A BAD BOY
WAS BAD AND HAD TO BE
HUWT HULK WILL BE GOOD
NOW PLEASE DONT HIT
ANYMORE WHEWE IS MOMM
? PLEASE? FACE HUWTS
WEALLY BAD HULK IS
SOWWY PLEASE STOP
HITTING HULK STOP IT

PLEASE?

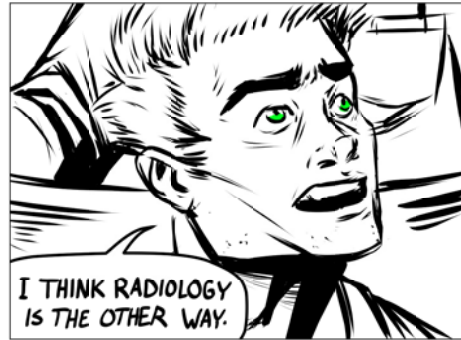


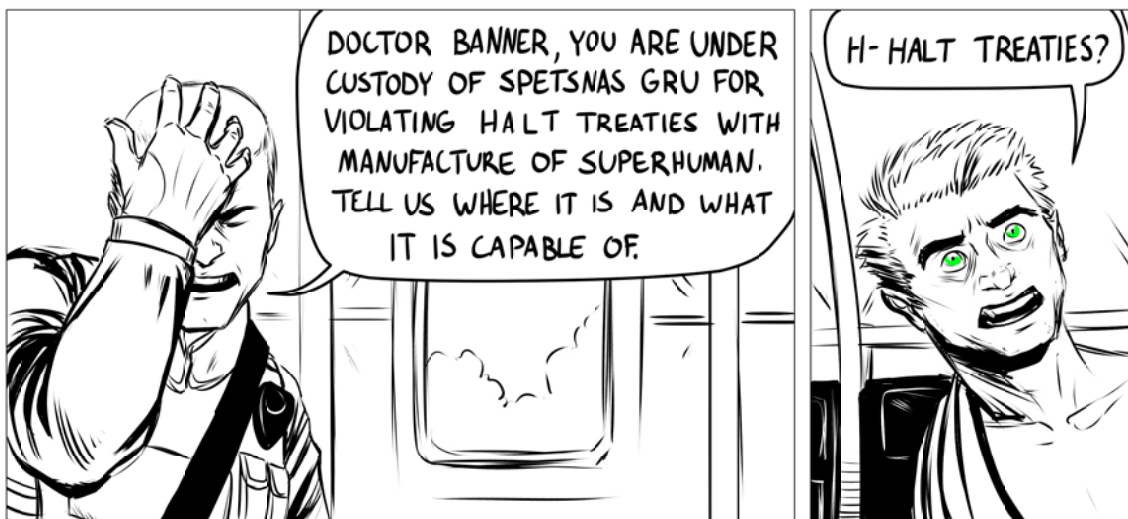




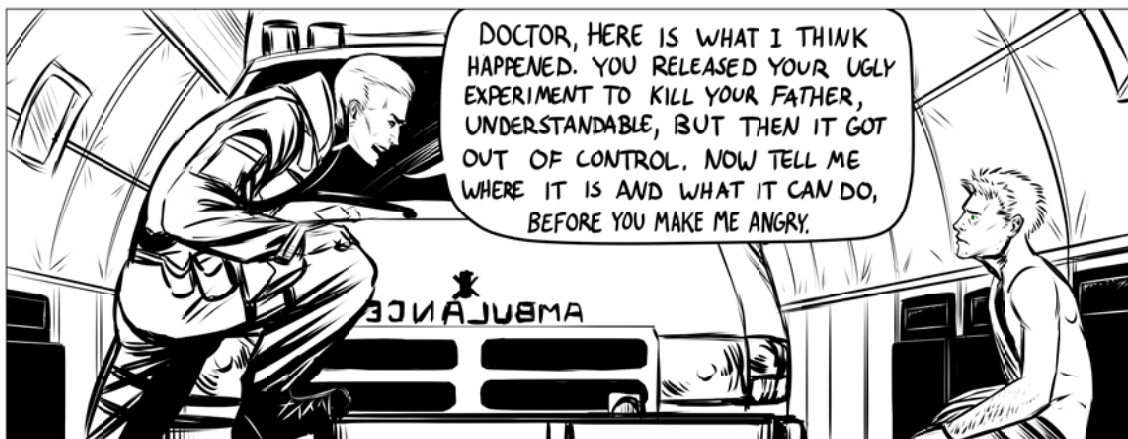
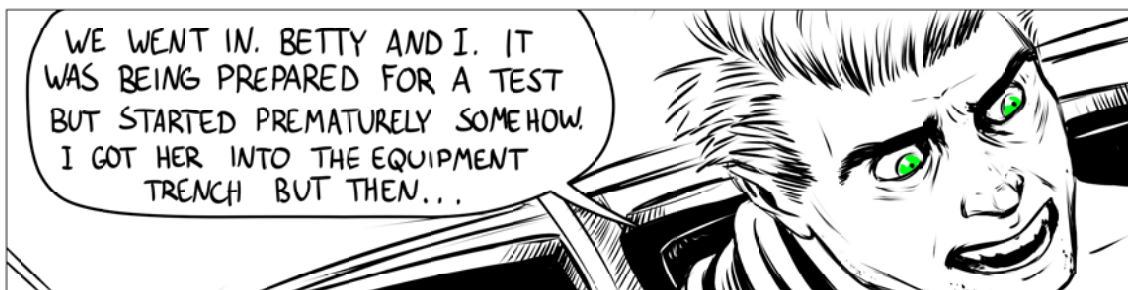
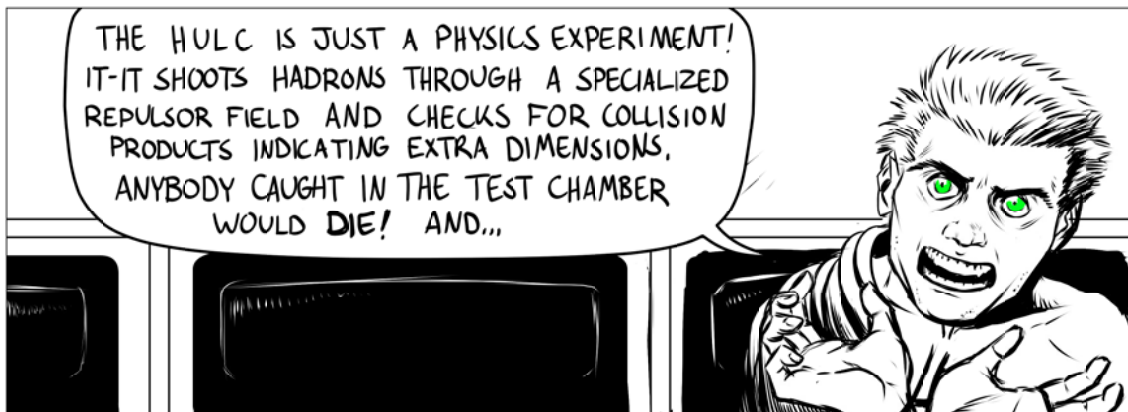








H- HALT TREATIES?



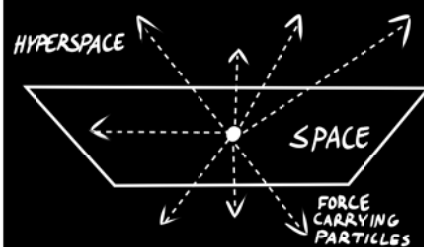
*<TRANSLATED FROM RUSSIAN>



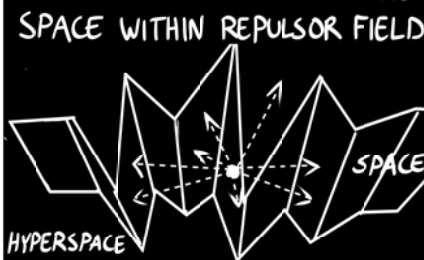
IN THEORY THE REPULSOR EFFECT CHANGES THE SHAPE OF OUR FOUR DIMENSIONAL UNIVERSE (THREE SPATIAL DIMENSIONS + ONE TIME DIMENSION)



"NORMAL" SPACE



THE VAST MAJORITY OF PARTICLES THAT CARRY CERTAIN FORCES USUALLY ESCAPE INTO HYPERSPACE, A REPULSOR FIELD ALLOWS LESS TO ESCAPE...

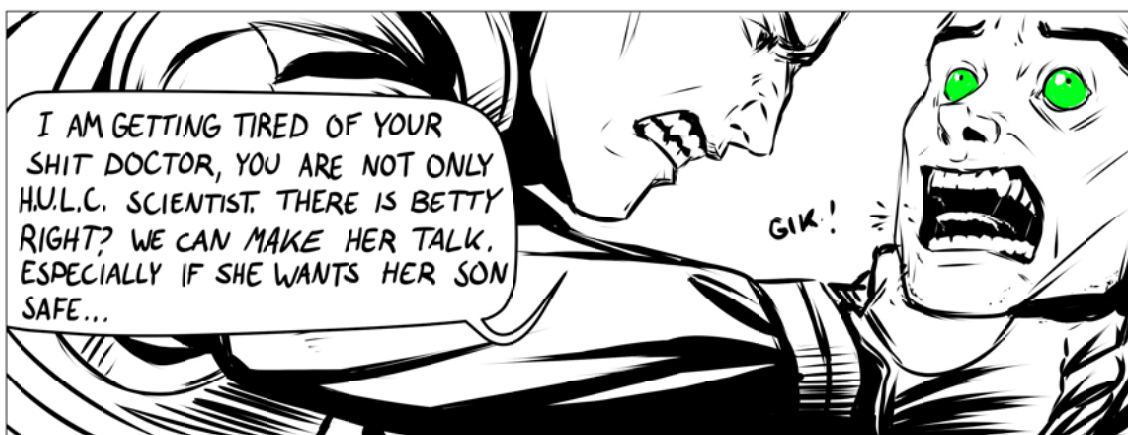


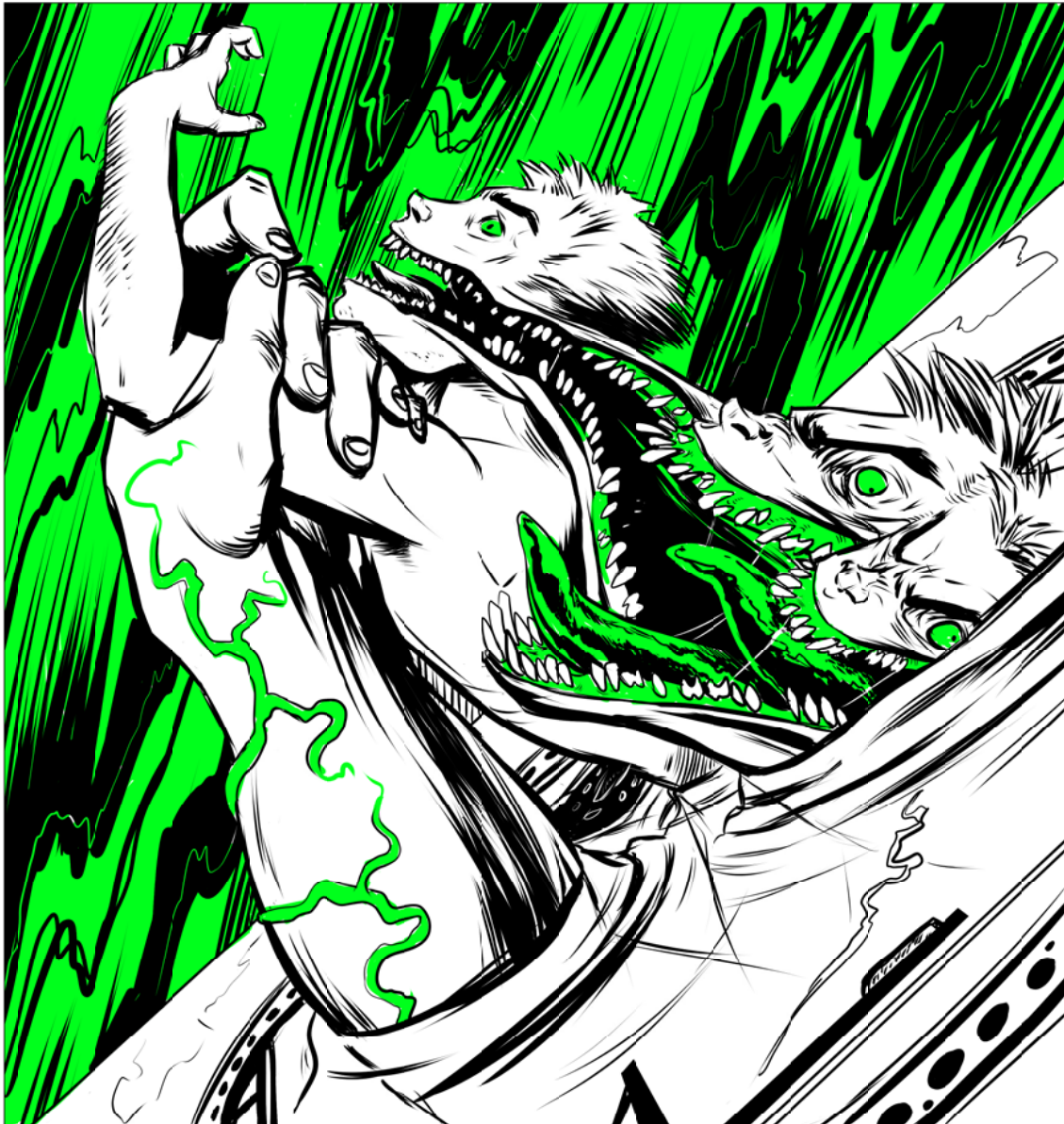
BUT TO CONFIRM THIS THE H.U.L.C. WAS BUILT SEVERAL ORDERS OF MAGNITUDE MORE POWERFUL THAN STARK'S MACHINES. WHAT IF IT WORKED DIFFERENTLY THAN EXPECTED? IF IT TRANSLATED OR ECHOED ANYTHING IN IT INTO HYPERSPACE!

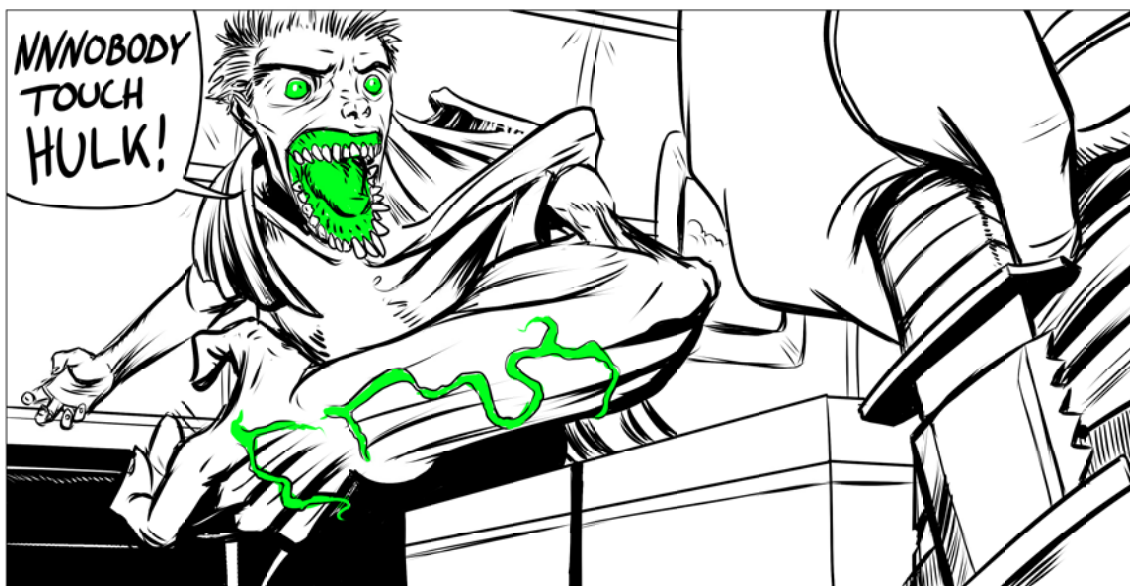


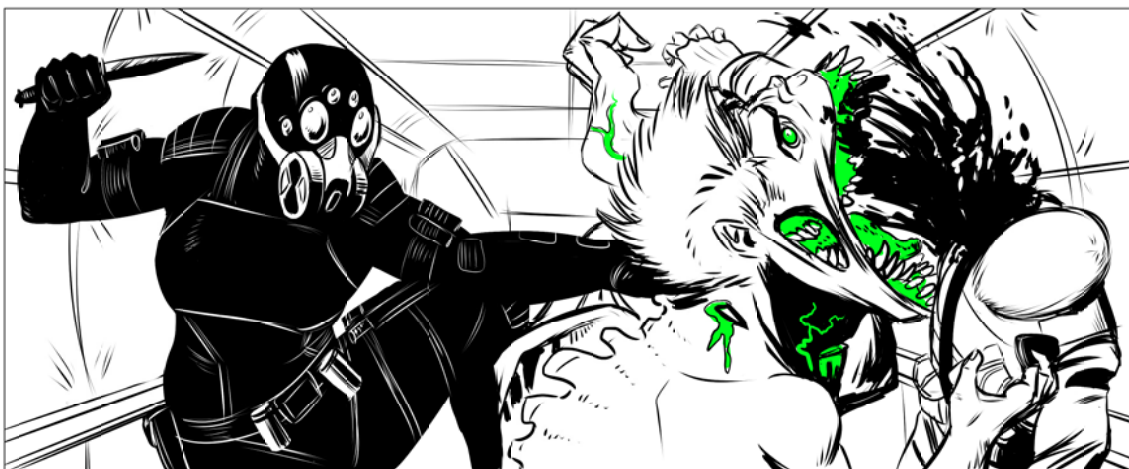
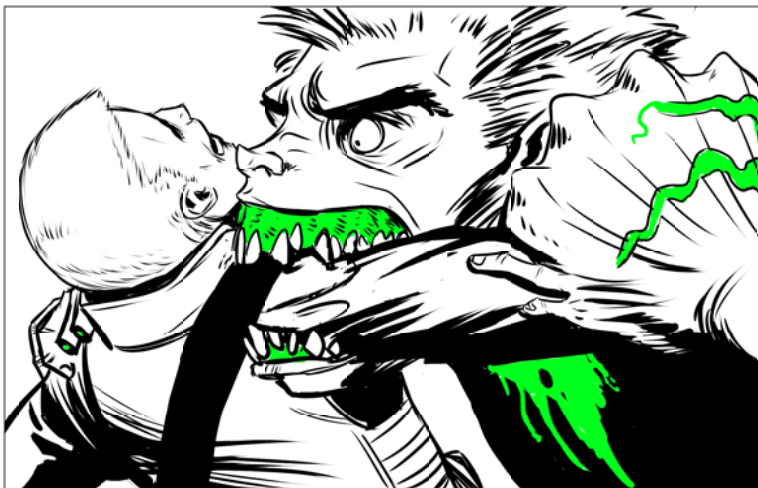
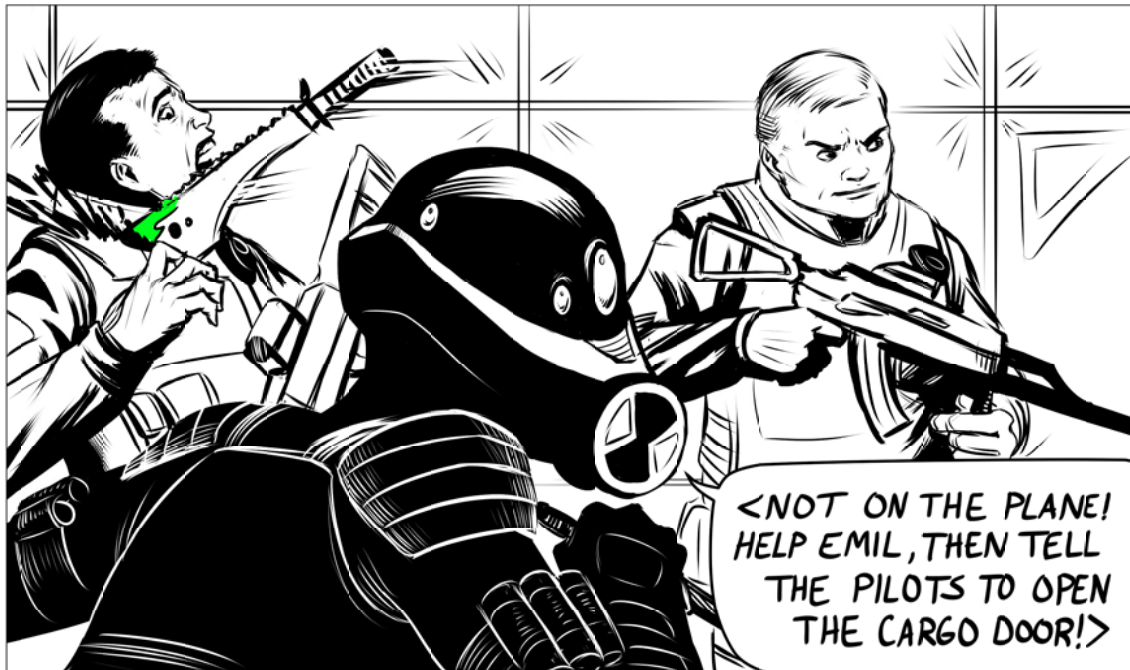
AN EXTRADIMENSIONAL OBJECT COULD CHANGE SHAPE SIMPLY BY ROTATING, AND WOULD BE INCREDIBLY MASSIVE!



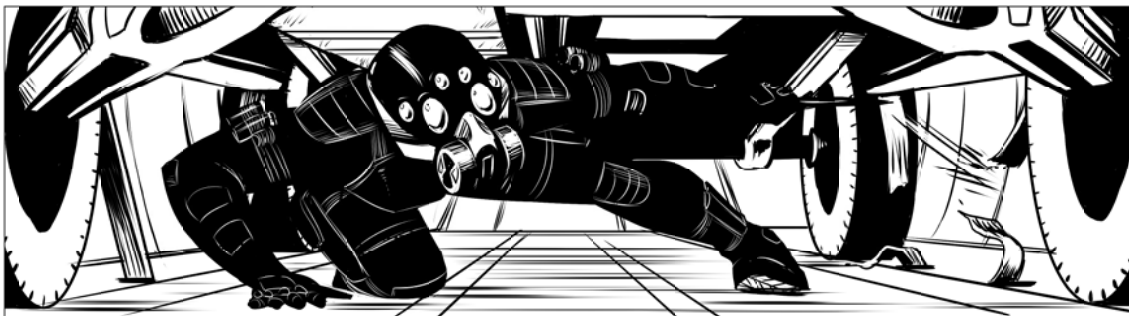
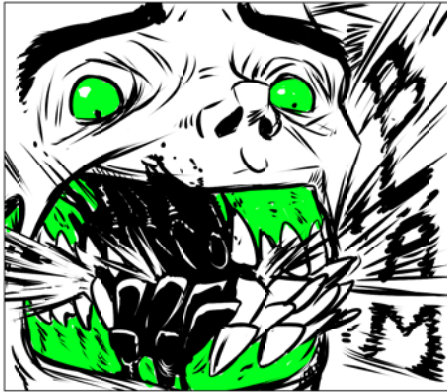
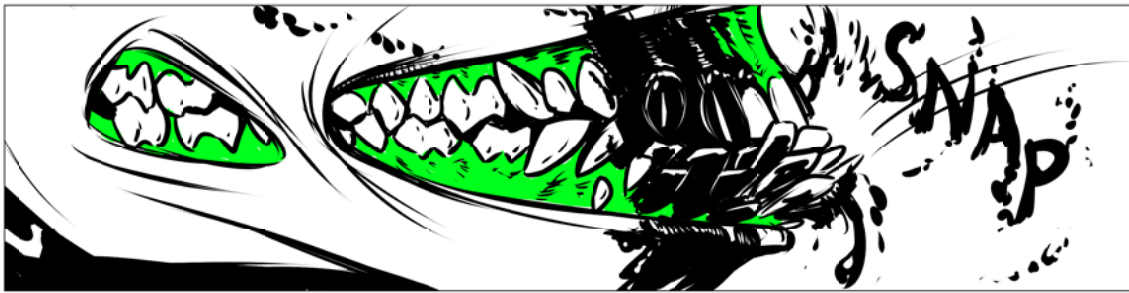
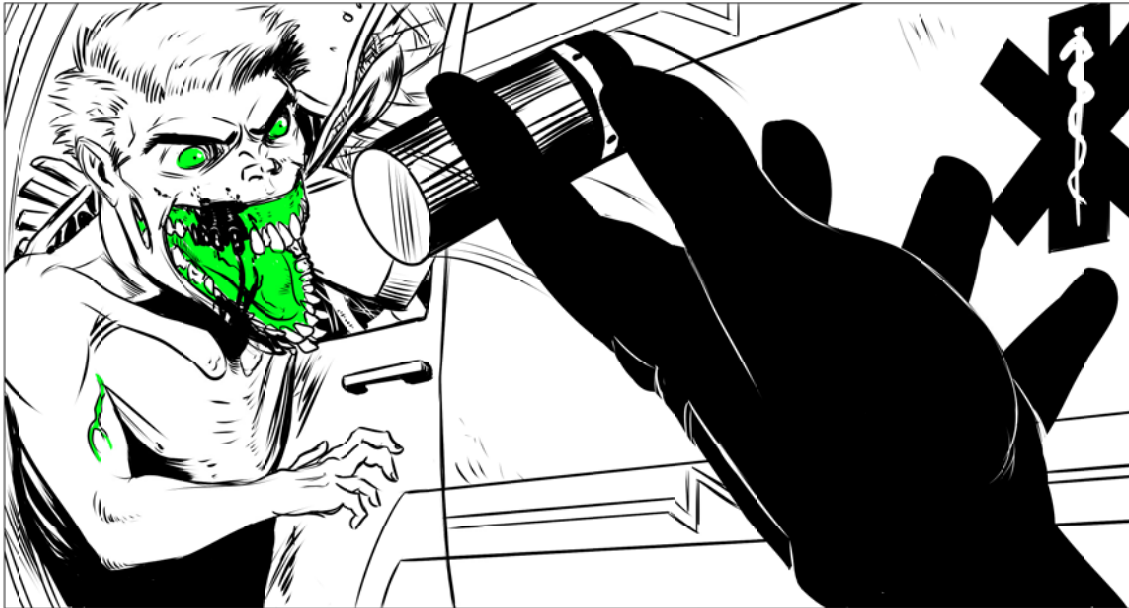


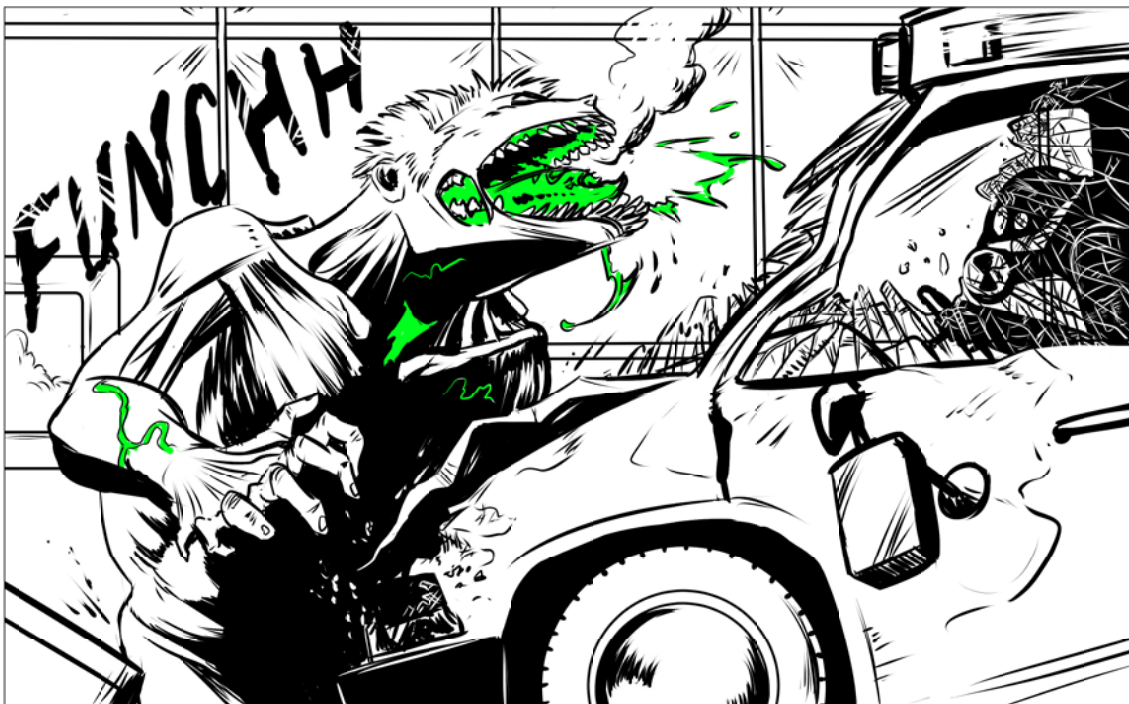
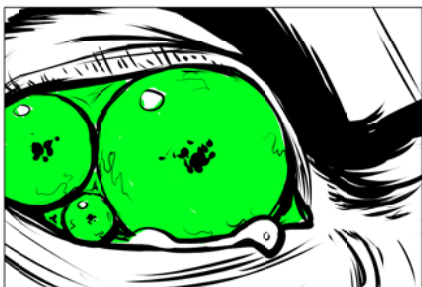
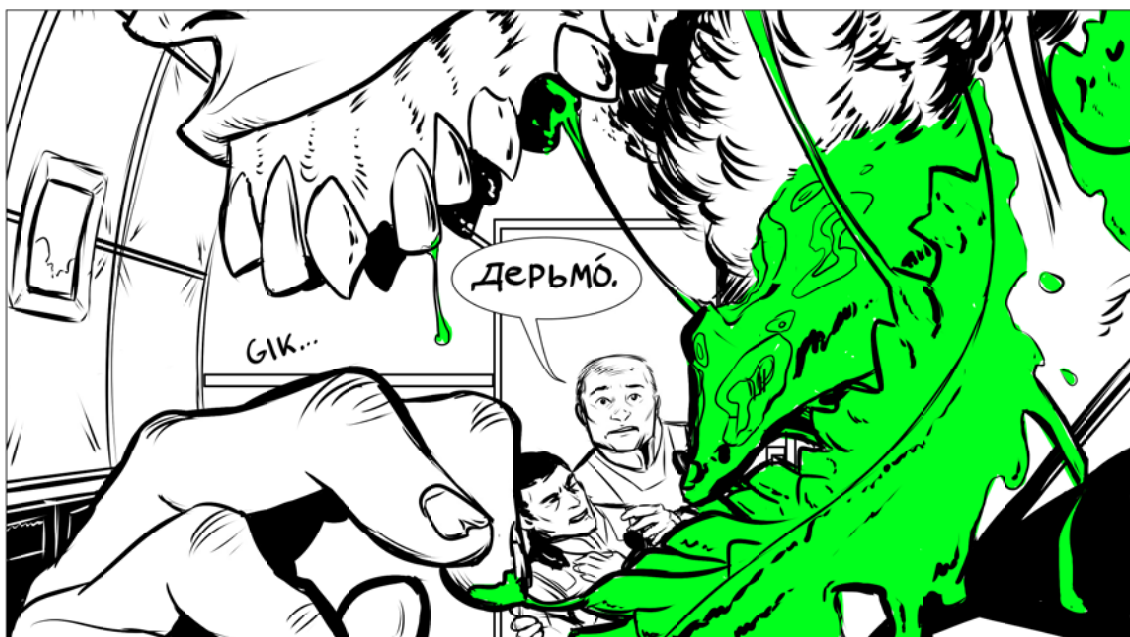


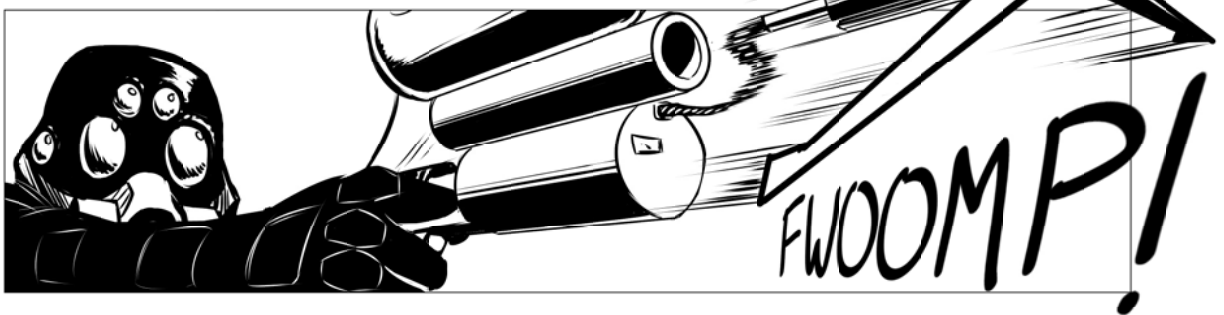
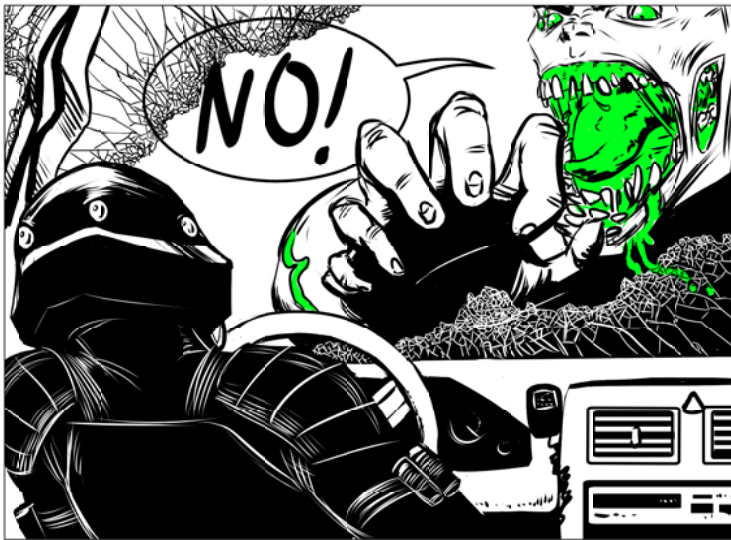


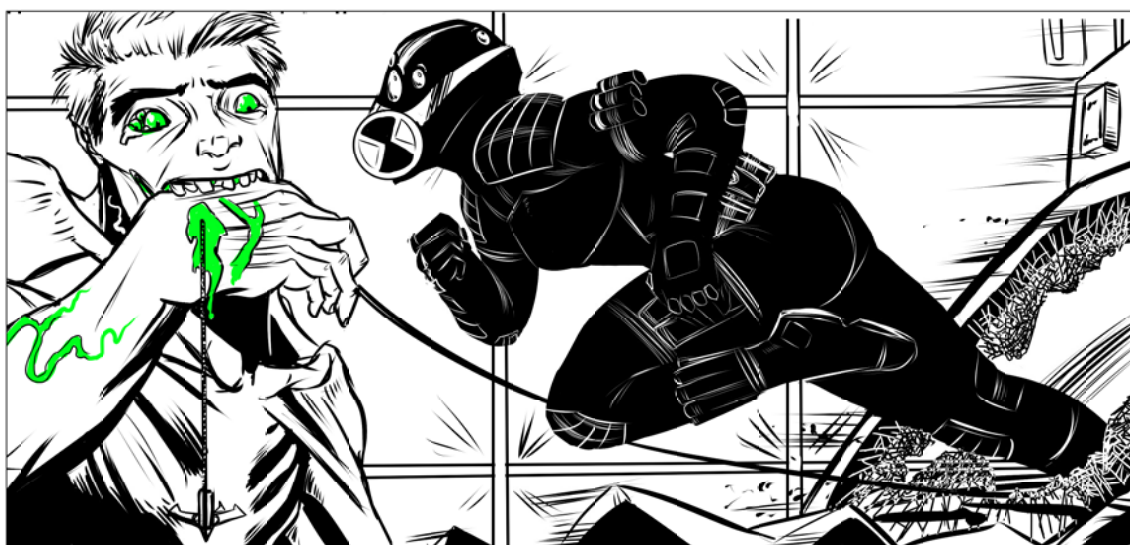
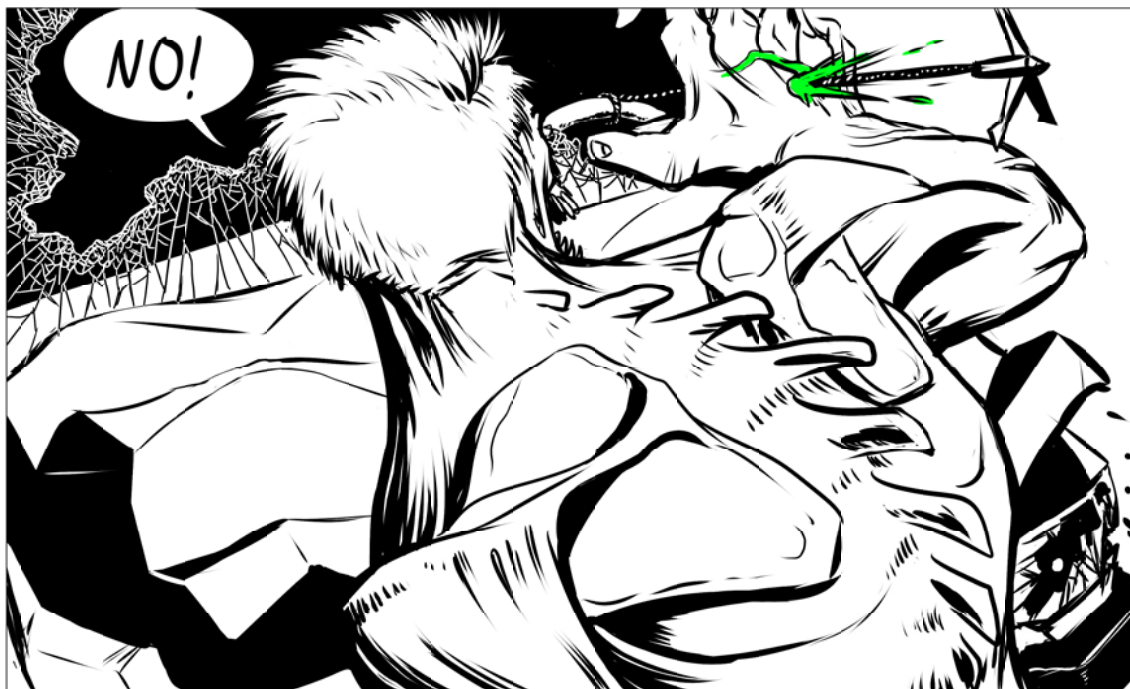


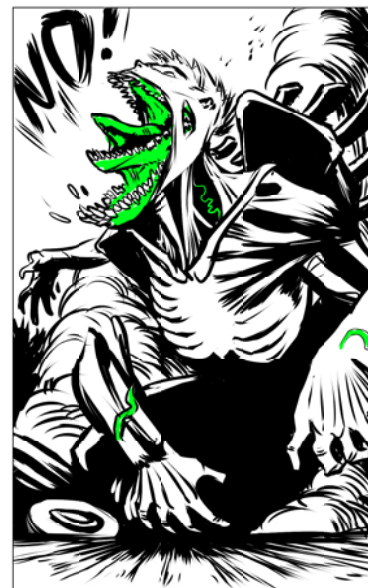
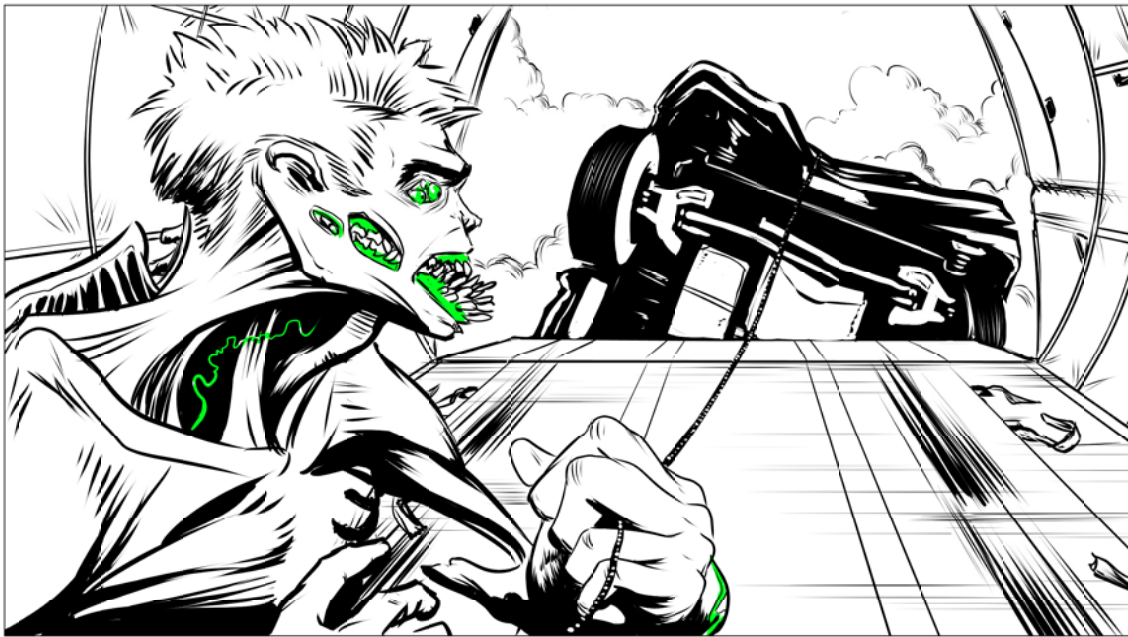
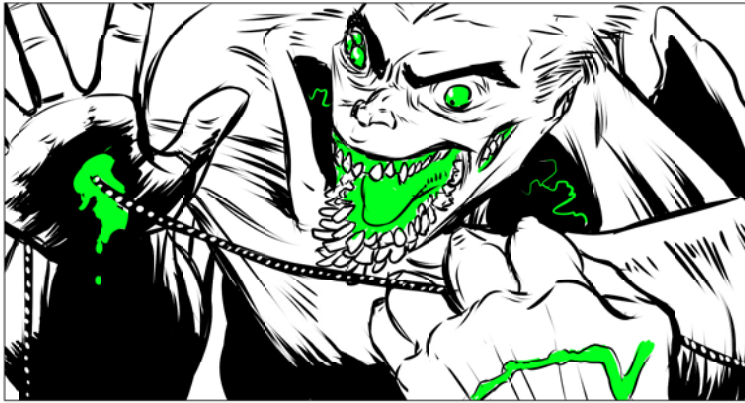


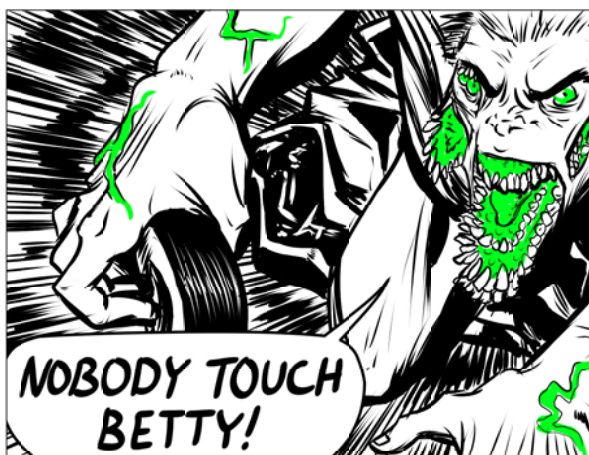


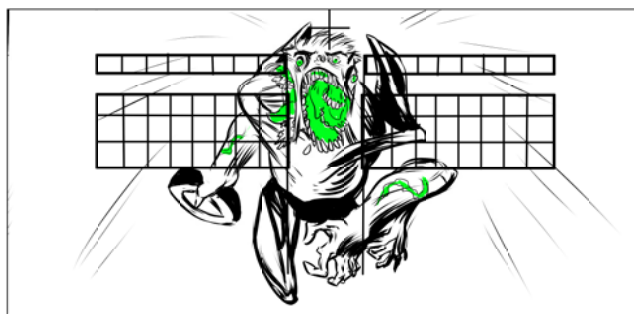


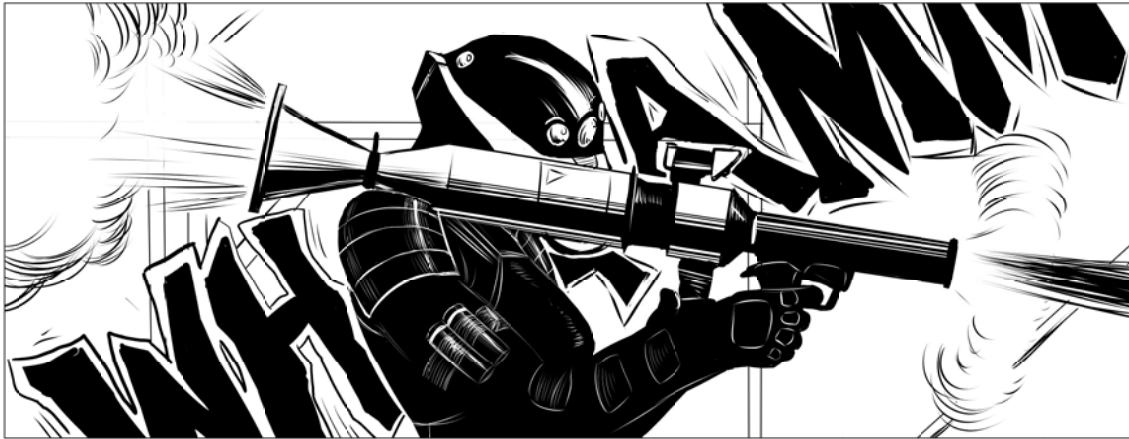






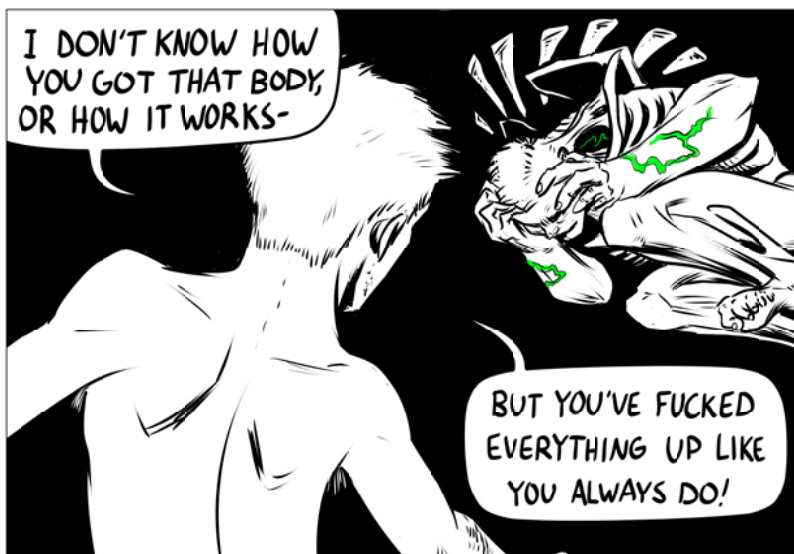
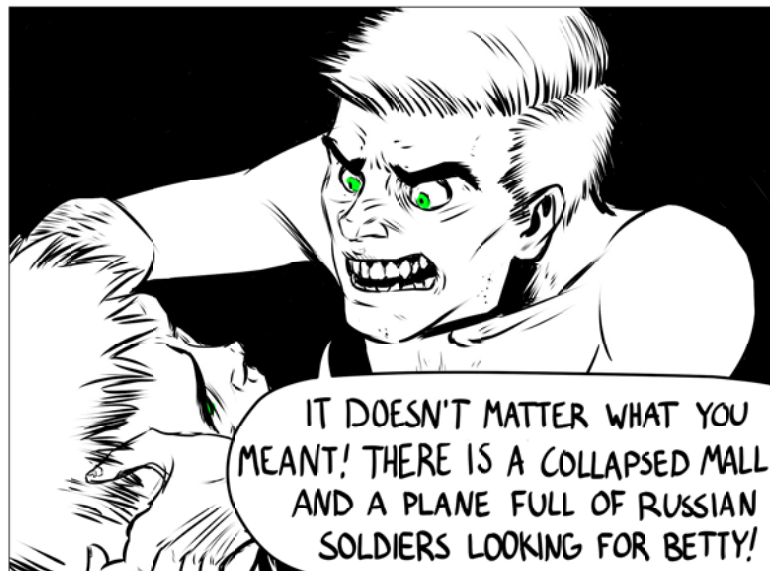
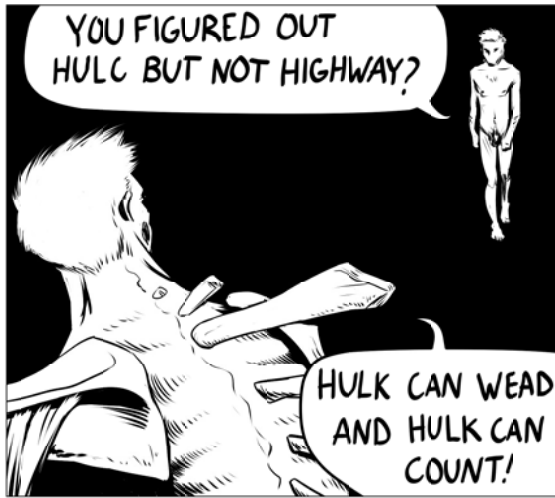


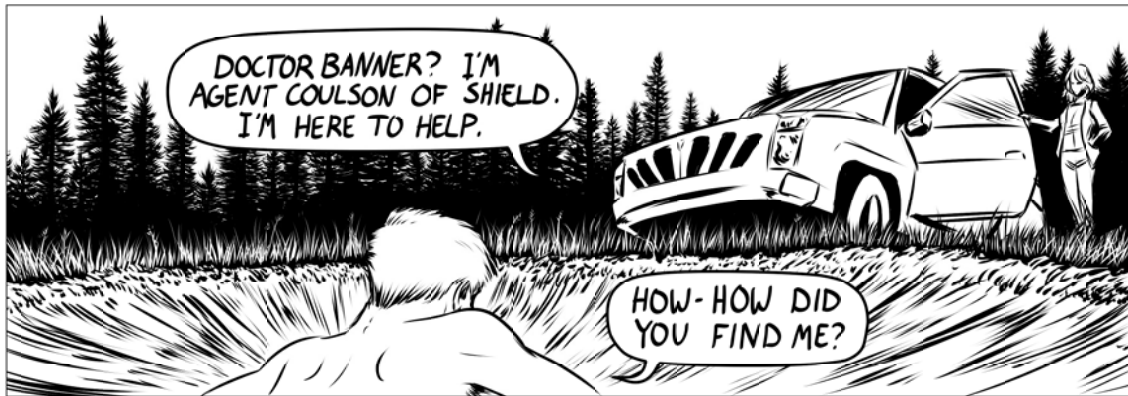












The HULC Incident

From: BROSS@UPENNPHYSICS.EDU

To: The desk of Nicholas Fury;

As requested by agent Phyllis:

The effect of the Hadron mUon Lateral Collider (HULC) on Dr. Banner is, honestly, beyond any understanding of modern physics.

Here is what we do know: repulsor fields are poorly understood, and the HULC was intended to learn more about them. In theory, repulsors create their characteristic uncharged force by subtly warping space-time. Forces like gravity (and maybe the force exerted by dark energy, but that's whole other set of unknown physics) are much weaker than other forces, possibly because they lose force carrying particles into hyperspace. We live within four dimensions (three spatial and one time) but these may exist within a larger hyperspace, with even more dimensions. The repulsor field could bend our dimensions into the higher ones by a small amount, allowing these force carrying particles to re-enter our universe and apply forces they otherwise could not.

At most the experiment was expected to find small but statistically significant changes to the collision products of high energy particle beams as they entered the world's largest repulsor field. If someone entered unprotected I would have expected them to die, not turn into a giant green monster.

Dr. Banner and I did enter the HULC test chamber, long before it was supposed to be powered. I'm still investigating the short and failed safety features that allowed it to discharge prematurely. He managed to place me into the small shielded equipment trench just before it went off. I heard and saw the aftermath of the explosion but nothing more.

After that I returned home to my son Daniel. The creature appeared then, we were terrified but it left quickly, more than anything else it appeared confused. At this point I noticed that it was both incredibly strong and appeared disconnected in places, as if it partly existed somewhere else. A hyperdimensional creature (ever read Flatland?) would appear to transform as it moved in and out of our universe. It would also be massive, like the difference between a book and a sheet of paper.

On a hunch, I contacted some old friends at LIGO (Laser Interferometer Gravitational-wave Observatory) to see if they picked up any vibrations in space-time. I assumed any waves traveled at the speed of light, and was able triangulate the creature's location.

There is still so much that we don't understand about the event, like how biochemical reactions can occur in hyperspace, and why he has increased mass but not necessarily weight. He could be dying for all we know. Please Director Fury, I am *begging* you to let me see him.

I know what happened at the mall and I cannot believe it was anything other than an accident. This was someone ready to sacrifice his life for mine, and even with his episodes he would never willingly hurt innocent people.

Please, I need to make sure he is okay.
Elizabeth Ross

Sent from my Stark phone

