Subject: Animatronic Baby called NANO
Posted by InnerbreedFX on Tue, 23 Apr 2013 01:58:33 GMT
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ok last week some of you may remember i posted a thread asking for a modeller to create a mesh for a project i was doing.
Thanks to everyone who responded, and im sorry that in the end i closed the thread due to high price quotes. following this i modelled the mesh myself.

Photo reference and first phase mesh:

Part complete mesh over reference.

The final mesh: (made available to buy)
http://shpws.me/nGZm

ANYWAY,

MEET, 'Nano.
(Neonatal Animatronic Newborn Offspring)

as well as that i have been creating the internal mechanical rig.
A few changes have been made since there images were captured.

The mechanical rig will allow for "up to" 11 servos to be installed.
Although the rig will never need 11 servos. In making more available space with in the rig will help me in assembly once i get this printed.
The rig is designed to be printed in one whole piece. and the mechanical tolerances have all been designed to work straight out of the printer.

All ill need to do is add servos and join up the linkages.

How this rig all works will be shown once i can fund getting it made.

http://shpws.me/nHLC

Just to make things a bit clearer, i will not be printing the Head mech i modeled previously. this part was simply so i can work out the internal space with in the 3d model. (The main reason i didnt feel comfortable paying huge amounts on getting it modelled.)
But again i have made that available to buy. as i do with most of my work.

Once the rig is all up and running i will be making a series of moulds from the original physical model. this will allow me to create an underskull and also a silicone skin to dress it all with.

I hope you'll find this project of interest.
i will be "printing" the whole body, etc also.

Jonny.

Subject: Re: Animatronic Baby
Posted by InnerbreedFX on Tue, 23 Apr 2013 15:51:43 GMT
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Subject: Re: Animatronic Baby
Posted by InnerbreedFX on Thu, 25 Apr 2013 16:45:37 GMT
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Model just in.

File Attachments

1) 2013-04-25 15.05.01.jpg, downloaded 688 times

Subject: Re: Animatronic Baby
Posted by UniverseBecoming on Sat, 27 Apr 2013 20:44:13 GMT
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Nice work!

Subject: Re: Animatronic Baby
Posted by UniverseBecoming on Sat, 27 Apr 2013 20:51:30 GMT
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That eye photo reminded me of THIS!

Subject: Re: Animatronic Baby
Posted by InnerbreedFX on Sat, 27 Apr 2013 21:36:38 GMT
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lol Thanks James.

No 3D Printing here.....

Subject: Re: Animatronic Baby
Posted by Dotsan on Sun, 28 Apr 2013 18:51:33 GMT
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Great project, I look forward to further updates. Out of interest without naming names, what was the highest and lowest price you were quoted for your original request?
Regards
Vijay

Subject: Re: Animatronic Baby
Posted by InnerbreedFX on Sun, 28 Apr 2013 23:13:19 GMT
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thanks for your comment.

they fell in at GBP Â£250 - Â£150. i then got a really good offer that im not willing to publish but by then i had started modelling it myself.
again thanks to everyone who contacted me, but the job was for a quick reference and as you can see there is far more important things to this project.

Subject: Re: Animatronic Baby
Posted by Tresob on Tue, 30 Apr 2013 13:24:01 GMT
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This is a totally wild project! It's going to give me nightmares for weeks...but it's totally wild!

Subject: Re: Animatronic Baby
Posted by InnerbreedFX on Tue, 30 Apr 2013 20:08:04 GMT
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Thanks Tresob,
and im sorry for the nightmares. lol

once this baby is up and running (Autonomously) then the nightmares will begin.

Subject: Re: Animatronic Baby
Posted by FabMeJewelry on Wed, 01 May 2013 17:26:25 GMT
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This post is awesome, no nightmares here only dreams !
Too bad we can't fast forward, i'd love to see the finished product.

Is this for the movie industry or for a super realistic toy ?

Keep sharing

Subject: Re: Animatronic Baby
Posted by NormL on Wed, 01 May 2013 18:27:19 GMT
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Very cool work. Thanks for sharing

Subject: Re: Animatronic Baby
Posted by InnerbreedFX on Wed, 01 May 2013 22:30:42 GMT
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Thanks for the comments. makes it all worth while.

I had an enquiry a while back about making an animatronic baby for a production company, to be used for commercial use, but i think they pulled out due to the quote i gave them. not sure.
and so im now just building this anyway as part of my portfolio.

Also the initial challenge sounded exciting and so why not pursue such a project.

I should have the head working by next week.
Jonny.

Subject: Re: Animatronic Baby
Posted by mkroeker on Thu, 02 May 2013 20:51:20 GMT
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I sense a possible application in medical training there... be it EMT or neonatalogy. But until that comes to pass,
your pictures are the perfect response to the proud parent who emails pictures of his new offspring to all and sundry.

Subject: Re: Animatronic Baby
Posted by InnerbreedFX on Sun, 05 May 2013 18:24:35 GMT
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Micro hands printed in FUD.

Subject: Re: Animatronic Baby called NANO
Posted by InnerbreedFX on Tue, 07 May 2013 18:08:58 GMT
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ok Here is the head mech.

Unfortunately i have had to remove the smile actuators due to the print fusing

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Subject: Re: Animatronic Baby
Posted by adminsmithee on Wed, 08 May 2013 13:56:40 GMT
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where does one acquire such eyes one might wonder?

Subject: Re: Animatronic Baby
Posted by InnerbreedFX on Wed, 08 May 2013 16:06:47 GMT
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http://www.tinkerbellcreations.co.uk/half-round-crystal-glas s-lauschaer-eyes-188-c.asp

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Subject: Re: Animatronic Baby
Posted by InnerbreedFX on Sun, 12 May 2013 16:43:17 GMT
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New hands...
To be printed in FUD

Subject: Re: Animatronic Baby called NANO
Posted by InnerbreedFX on Fri, 24 May 2013 13:10:59 GMT

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Silicone skin test.
More info can now be found here:
http://www.innerbreed.co.uk/#!nano-assembly-/c12iw

Subject: Re: Animatronic Baby called NANO
Posted by Jess_Jaime on Mon, 27 May 2013 16:08:52 GMT
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This is so intensely wonderful!

I am very impressed by your skills and ingenuity at pulling such a project together!

Who doesn't need an animatronic baby crawling around their house? It'd be fun to be able to plug an iPhone into the baby (like this dude did http://romotive.com/meet-romo) and hear it talk in Siri's voice . . . hahaha

Subject: Re: Animatronic Baby called NANO
Posted by InnerbreedFX on Tue, 04 Jun 2013 15:17:18 GMT
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Thank you Jess.

here is some more manual work as well as the next part of the CAD stage.

Subject: Re: Animatronic Baby called NANO
Posted by InnerbreedFX on Tue, 11 Jun 2013 10:26:04 GMT
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Subject: Re: Animatronic Baby called NANO
Posted by bartv on Fri, 14 Jun 2013 08:16:19 GMT
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I am *SO* impressed with this project! Would you like to be featured on our blog? Just let me know when you think is a good moment, or when the project is finished!

Bart

Subject: Re: Animatronic Baby called NANO
Posted by InnerbreedFX on Fri, 14 Jun 2013 16:09:47 GMT
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Hi Bart,

Thank you for your kind words and also your invite to feature.

As you can imagine there are lots of areas to this project. Lots of moulding, casting, CAD designing and "The holy grail of all reasons why this project has become possible" .... 3D Printing.

I was going to make the parts available for others to order 'so they can make their own NANO. Then have any markup made go towards supporting the funding for each next stage as i produce it.
....BUT i went against this as i simply do not have the time to support customer service, tutorials and other time consuming areas.

As i said the project will take a while and its very expensive as i have to fund it myself. But, with all this said, Id be more than happy to have 15 mins of fame as it were.. lol so go right a head.

Developments in the pipe line..
Underskull:

Body design... still a work in progress...

Old Finger design for FUD:

New hand design for SWF:

Subject: Re: Animatronic Baby called NANO
Posted by InnerbreedFX on Mon, 24 Jun 2013 15:33:19 GMT
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3D printed Underskull:

Subject: Re: Animatronic Baby called NANO
Posted by lensman on Tue, 09 Jul 2013 13:42:54 GMT
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Extremely impressive.... Um, I don't suppose you have a second company called Skynet that you're hiding from us?

Subject: Re: Animatronic Baby called NANO
Posted by UniverseBecoming on Tue, 09 Jul 2013 13:45:15 GMT
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^ HAHAHA! Good one!

Subject: Re: Animatronic Baby called NANO
Posted by lensman on Tue, 09 Jul 2013 14:18:34 GMT
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It's good to have a place where geeky humor gets appreciated!

Subject: Re: Animatronic Baby called NANO
Posted by UniverseBecoming on Tue, 09 Jul 2013 15:07:27 GMT
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Subject: Re: Animatronic Baby called NANO
Posted by InnerbreedFX on Wed, 10 Jul 2013 21:17:42 GMT
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Lol, thanks guys. More updates will follow.. just dealing with a customer project so I can fund the next update.

Subject: Re: Animatronic Baby called NANO
Posted by Jeewel on Thu, 11 Jul 2013 08:42:36 GMT
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Very impressive! ... and scary