

# Giant Spider Crab by Marc Kirschenbaum(NY)

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Use a large foil-backed square.

Use a large foil-backed square. 20" paper will make an 8" crab.



1. Begin with a colored bird base. Precrease along the angle bisectors.



2. Precrease again.



3. Valley through the intersection of creases.



4. Valley up where indicated.



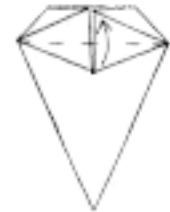
5. Open up.



6. Double sink along the existing creases.



7. Spread squash the front corners.



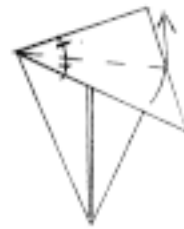
8. Fold up. Repeat steps 7-8 behind.



9. Swing upwards.



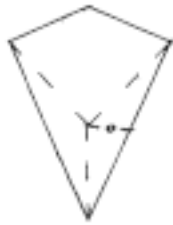
10. Valley down.



11. Valley up.



12. Open out. Repeat 9-12 in mirror image and then behind.



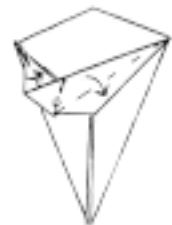
13. Rabbit ear.



14. Swivel fold.



15. Swing over.



16. Swivel again.



17. Swing up.



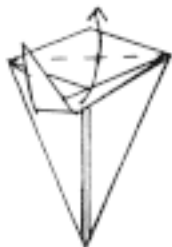
18. Rabbit ear where indicated.



19. Swing down.



20. Rabbit ear along the existing creases.



21. Swing up.



22. Rabbit ear where indicated.



23. Swing over.  
Repeat steps 13-23 behind.



24. Swing flap up.  
Repeat behind.



25. Valley down.



26. Valley up.



27. Open up.  
Repeat steps  
25-27 in mirror  
image and then  
behind.



28. Squash  
asymmetrically.



29. Squash again.



30. Pull out the  
hidden layer.



31. Squash fold.



32. Valley over.



33. Precrease along  
angle bisectors.



34. Valley through  
the  
intersections of  
creases.



35. Tuck the excess  
of the flap  
behind. Valley  
fold along the  
creases.



36. Thin the top  
layer as  
indicated.



37. "Twist" the flaps  
as indicated.



38. Lightly fold the  
top layer down,  
allowing the  
center portion  
to form a  
squash.



39. Unsink the  
indicated area.  
You will have to  
open the model  
a bit to  
accomplish  
this.



40. Swing flap back  
up. Reverse  
fold the bottom  
two flaps.



41. Open up the bottom two flaps at 90 degrees.



42. View from 41. Reverse fold in and out as indicated, working from the inside towards the outside.



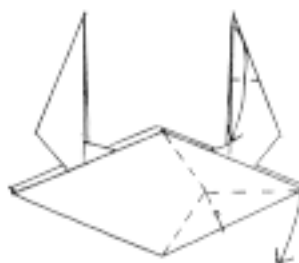
43. Swing down the top flap.



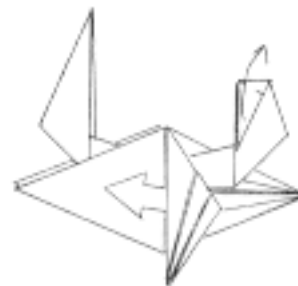
44. Thin the flap as indicated.



45. Swing down. Repeat steps 26-46 behind.



46. Rabbit ear the top layer. Fold the tip of the claw to the intersection of folds.



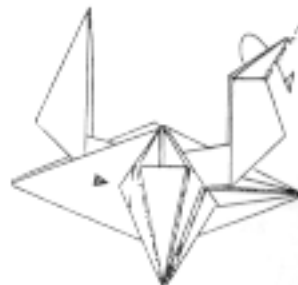
47. Unsink the indicated region. In doing so, you are reversing the direction of the folds used for the previous rabbit ear. Valley the tip of the claw up.



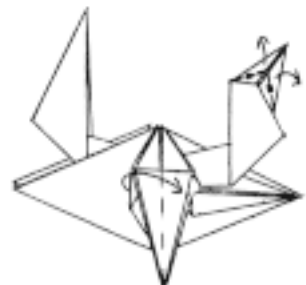
48. Unsink again. Undo the folds on the claw.



49. Squash the indicated flap. Crimp the claw along the existing creases.



50. Sink the left side of the flap to thin it. Thin the other side by reverse folding in and then out. Open out the claw.



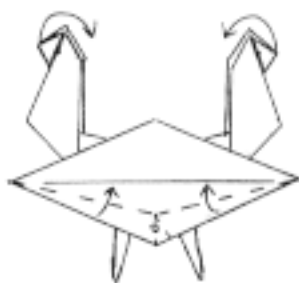
51. Fold the leg assembly in half. Open out the claw. Repeat steps 47-52 on the left.



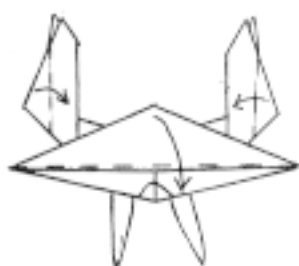
52. Sink to shape the body. Valley the tips of the claws.



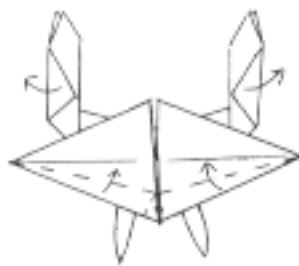
53. Fold claws in half. Turn model over.



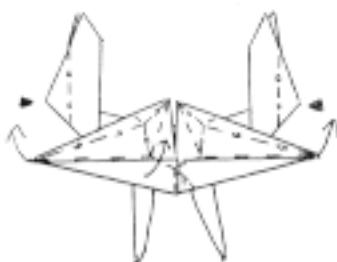
54. Thin the flap as indicated. Reverse fold the claws.



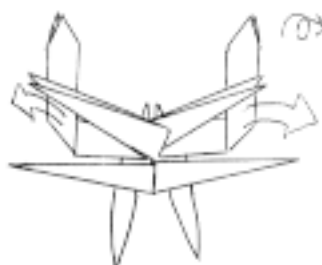
55. Swing the body flap down. Fold the edges of the claws' arms inwards. The fold starts where the claws begin.



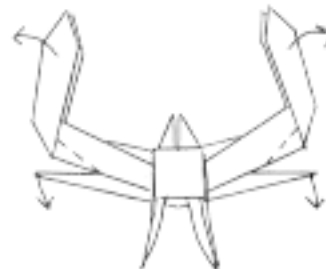
56. Thin the bottom. Unfold the sides of the claws' arms.



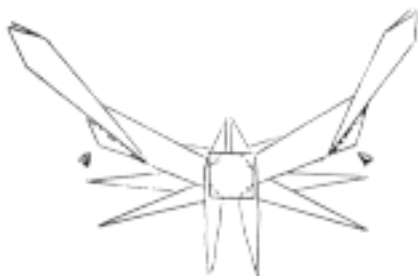
57. Closed sink the claws' arms. Turn the legs and the eyes simultaneously.



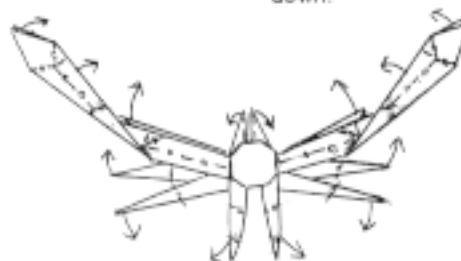
58. Stretch the claws outwards. Turn over.



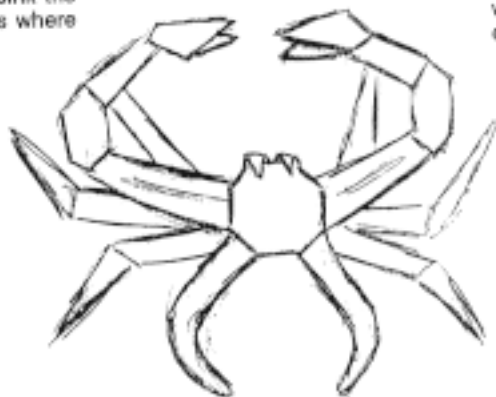
59. Stretch the claws outwards again. Swing the legs down.



60. Shape the shell; sink the arms of the claws where indicated.



61. Pinch and curl the eyes upwards. Shape the claws with a series of rabbit ears. Shape the legs.



62. Completed "Giant Spider Crab." This crab evolved from an idea that Jarry Harris had. When he told me that he was able to create a crab using Robert Lang's "Murex" as a starting point, I decided to try this great idea out for myself.