Here is the wording form the attorney as to what we need to do with the CFD and final report to go against the claim. The key claim is claim 1, and the key features are as follows:  
  
"the ratio of the distance between **the second vane ends of two consecutive vanes** and the distance between **the second blade ends of two consecutive blades of the rotor** is given by a factor A which can assume values from 2.6 on; and the cavity is cylindrical with a diameter, the diameter of the rotor being approximately 2.875 multiplied by the diameter of the cavity"  
  
So we need to tie any improvement to those features or any other feature in claim 1. If we can't do that, then we need to look at what is responsible for the improvement and see if we have any basis for including that in the claim. We would have a basis for including any feature that is found in any of the claims or anywhere in the description of the invention that was filed with the application.  
  
Just keep in mind the need to be able to declare that the claimed ratios result in an unexpected beneficial result compared to other ratios.

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Yes, on the claim. They are trying to say that this resellers turbine design is different than the other 2 designs that were sent back. They are saying that their claim of this ratio and the resellers design will have an improvement over the other 2 designs.   
  
I think that once you do the CFD part and comparing the 3 turbines, it will show the difference. The increased performance, better qualities. This is what we can claim, showing that there is a difference. With patents, they only submit drawings and make a claim. What we are trying to do is a new thing. We are showing by a 3D modeling and a CFD project, that there is a difference. This is a much more detailed submission.   
  
As I mentioned, our resellers will not be making this turbine. They know that the one that you and I just did and that CFD project show this new one is much better. This project is just to show the differences in those 2 turbines and the one of our reseller. This is more for his own file, not to make it for real.  
  
I think that after you do the CFD on all 3 turbines, it will be easier for us all to understand and then I can go back to the attorney and make sure we have all we need then you can make the final report.