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**Daniela De Silva\*** ([desilva@math.columbia.edu](mailto:desilva@math.columbia.edu)), 2900 Broadway, New York, NY 10027, and  
**Enrico Valdinoci.** *A fully nonlinear free boundary problem in the plane.*

We consider a fully nonlinear analogue of the jet-fluid model of Alt and Caffarelli. We describe a symmetry result for global solutions of this free boundary problem, based on maximum principle techniques and convexity arguments. (Received August 24, 2009)