

Chalk Powderizer for Dispensing a Powdered Chalk Release Agent

Disclosure Number

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Technology Summary

The invention relates to additive manufacturing and more specifically to an apparatus and a method for applying a release agent between layers or support structure as necessary. Printing with support material in big area additive manufacturing (BAAM) requires the use of a release agent to prevent bonding between support material and the part. By putting a release agent dispenser next to the extruder, the release agent can be deposited where needed. The present invention provides a better way to deposit the release agent during the build.

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