

# Colorado Rancher Seeks Patent for Pitchfork Attachment Designed for Frozen Conditions

*Colorado woman rancher reinvents the pitchfork: IceCap turns barns' oldest tool into an ice-breaking, all-season innovation. Licensing partners invited.*

PUEBLO, CO, UNITED STATES,  
September 16, 2025 /

EINPresswire.com/ -- For centuries, the pitchfork has been a symbol of farming. Now, a Colorado rancher is giving it a 21st-century upgrade. Scarlet Ravin, who raises horses, chickens, and other animals in Pueblo, has invented the Ice Cap, a patent-pending stainless-steel tip that attaches to any pitchfork, instantly turning it into a powerful winter ice-breaking tool and year-round essential.



Inventor Scarlet Ravin with Nola and her IceCap resting on a Pitchfork

"Breaking ice with hammers and other objects isn't just exhausting, it's unsafe," said Ravin. "I wanted to create something simple, strong, and lasting— a tool that makes the work faster and easier—not just for myself, but for every farmer who dreads frozen troughs."

With one slide-on addition, the pitchfork— a tool found in nearly every barn in America— becomes dual-purpose:

Shatters thick ice in frozen troughs, compacted barn floors, and icy ground. Flips instantly to scoop manure, hay, or broken ice chunks.

Forged from stainless steel for lifetime durability.

## [Breaking New Ground](#)

[Ravin's invention is more than practical— it's symbolic.](#) As a woman rancher innovating in a traditionally male-dominated industry, her story highlights how fresh perspectives can unlock new solutions to old-age challenges.

### [A Multimillion-Dollar Market Awaits](#)

Pitchfork sales remain strong, with millions sold annually in the US alone. The Ice Cap opens a premium category for manufacturers, with the potential to add \$4-10M in new profit annually for a licensing partner. Globally, the pitchfork market tops \$500M, and no comparable dual-use tool exists.

### Call to Partners

Ravin has filed her provisional patent and is now inviting toolmakers to explore licensing. By integrating the Ice Cap into their product lines, many manufacturers can create a new premium category of "Ice-Cap Enabled" pitchforks, adding significant margin and market differentiation.

"My vision is simple: I want every farmer and rancher to have this upgrade in their hands," Ravin said. "Fewer tools, less strain, and more time for the things that really matter on the ranch."

### Fast Facts -

Invention: Ice Cap

Inventor: Scarlet Ravin, Pueblo, CO

Patent Status: Provisional patent filed (U.S. Patent Pending)

Material: Stainless steel (1.4 lbs., lifetime durability)

Function: Breaks ice, flips to scoop— one tool, all seasons

Target Market: Ranchers, farmers, horse owners, homesteaders, and agricultural retailers.

Business Goal: Licensing partnership with a U.S. tool manufacturer

Revenue Impact: \$4-10M in new annual profit potential; Patent valuation \$500k-\$2M

### About IceCap Revolution / Media Resources

Full specifications, high-resolution images, founder biography, and branding assets are available at [IceCapRevolution.com](http://IceCapRevolution.com)

### CONTACT

[scarlet@whitefoxmedicinals.com](mailto:scarlet@whitefoxmedicinals.com)

[www.icecaprevolution.com](http://www.icecaprevolution.com)

Media Contact: Scarlet Ravin

Email: [scarlet@whitefoxmedicinals.com](mailto:scarlet@whitefoxmedicinals.com)

Phone: 530-262-8262

Scarlet Ravin

White Fox Medicine- IceCap

+1 530-262-8262

[email us here](#)

Visit us on social media:

[LinkedIn](#)

[Instagram](#)

[Facebook](#)

[YouTube](#)

[TikTok](#)

[Other](#)

---

This press release can be viewed online at: <https://www.einpresswire.com/article/848248074>

EIN Presswire's priority is source transparency. We do not allow opaque clients, and our editors try to be careful about weeding out false and misleading content. As a user, if you see something we have missed, please do bring it to our attention. Your help is welcome. EIN Presswire, Everyone's Internet News Presswire™, tries to define some of the boundaries that are reasonable in today's world. Please see our Editorial Guidelines for more information.

© 1995-2025 Newsmatics Inc. All Right Reserved.