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Patents by Inventor Scott Nordhoff

Scott Nordhoff has filed for patents to protect the following inventions. This listing includes patent applications that are pending as well as patents that have already been granted by the United States Patent and Trademark Office (USPTO).

Water drainage device

Patent number: 8307587

Abstract: A construct for making a drainage device for a basement waterproofing system is made from a sheet of waterproof material with two generally parallel sides. A series of longitudinal slots is provided parallel to one of the sides, and a series of tabs that fit in the slots is provided along the other side. The bottom surface is scored to provide a series of fold lines to facilitate folding the construct into a rectangular tubular shape, with the tabs fitting into the slots to hold the shape. Perforations are provided in the device to allow water to flow easily through three of the sides of the device when folded to its rectangular tubular shape. A portion of the device may be folded upward to cover the lower portion of a building wall, or a separate piece may be used to bridge the gap between the device and the wall.

Type: Grant

Filed: February 6, 2012

Date of Patent: November 13, 2012

Inventors: Scott Nordhoff, Ingrid J. Nordhoff

- WATER DRAINAGE DEVICE

Publication number: 20120131863

Abstract: A construct for making a drainage device for a basement waterproofing system is made from a sheet of waterproof material with two generally parallel sides. A series of longitudinal slots is provided parallel to one of the sides, and a series of tabs that fit in the slots is provided along the other side. The bottom surface is scored to provide a series of fold lines to facilitate folding the construct into a rectangular tubular shape, with the tabs fitting into the slots to hold the shape. Perforations are provided in the device to allow water to flow easily through three of the sides of the device when folded to its rectangular tubular shape. A portion of the

device may be folded upward to cover the lower portion of a building wall, or a separate piece may be used to bridge the gap between the device and the wall.

Type: Application

Filed: February 6, 2012

Publication date: May 31, 2012

Inventors: Scott Nordhoff, Ingrid J. Nordhoff

- **Water drainage device**

Patent number: 8109046

Abstract: A construct for making a drainage device for a basement waterproofing system is made from a sheet of waterproof material with two generally parallel sides. A series of longitudinal slots is provided parallel to one of the sides, and a series of tabs that fit in the slots is provided along the other side. The bottom surface is scored to provide a series of fold lines to facilitate folding the construct into a rectangular tubular shape, with the tabs fitting into the slots to hold the shape. Perforations are provided in the device to allow water to flow easily through three of the sides of the device when folded to its rectangular tubular shape. A portion of the device may be folded upward to cover the lower portion of a building wall, or a separate piece may be used to bridge the gap between the device and the wall.

Type: Grant

Filed: February 19, 2009

Date of Patent: February 7, 2012

Inventors: Scott Nordhoff, Ingrid J. Nordhoff

- **SYNTHETIC MATERIALS FOR WATER DRAINAGE SYSTEMS**

Publication number: 20110135391

Abstract: Synthetic rocks are used as a substitute for natural gravel to fill in a water drainage trench. The synthetic rocks may be used around perforated drain tiles in a basement water drainage system, or they may be used without such tile. The synthetic rocks may be of a size and shape that mimics the natural rock they replace, but they are preferably significantly lighter in weight. The synthetic rocks may alternatively be tubular or cubic shaped, for example, and may include one or more lumens or other passageways to facilitate the flow of water through and/or around the rocks. The synthetic rocks may be provided in mesh bags to facilitate placement in a water drainage trench.

Type: Application

Filed: January 31, 2011

Publication date: June 9, 2011

Inventor: Scott Nordhoff

- **WATER DRAINAGE DEVICE**

Publication number: 20100206398

Abstract: A construct for making a drainage device for a basement waterproofing system is made from a sheet of waterproof material with two generally parallel sides. A series of longitudinal slots is provided parallel to one of the sides, and a series of tabs that fit in the slots is provided along the other side. The bottom surface is scored to provide a series of fold lines to facilitate folding the construct into a rectangular tubular shape, with the tabs fitting into the slots to hold the shape. Perforations are provided in the device to allow water to flow easily through three of the sides of the device when folded to its rectangular tubular shape. A portion of the device may be folded upward to cover the lower portion of a building wall, or a separate piece may be used to bridge the gap between the device and the wall.

Type: Application

Filed: February 19, 2009

Publication date: August 19, 2010

Inventors: Scott Nordhoff, Ingrid J. Nordhoff

SYNTHETIC MATERIALS FOR WATER DRAINAGE SYSTEMS

Publication number: 20090290937

Abstract: Synthetic rocks are used as a substitute for natural gravel to fill in a water drainage trench. The synthetic rocks may be used around perforated drain tiles in a basement water drainage system, or they may be used without such tile. The synthetic rocks may be of a size and shape that mimics the natural rock they replace, but they are preferably significantly lighter in weight. The synthetic rocks may alternatively be tubular or cubic shaped, for example, and may include one or more lumens or other passageways to facilitate the flow of water through and/or around the rocks. The synthetic rocks may be provided in mesh bags to facilitate placement in a water drainage trench.

Type: Application

Filed: June 2, 2009

Publication date: November 26, 2009

Inventor: Scott Nordhoff

- ### Synthetic materials for water drainage systems

Patent number: 7553104

Abstract: Synthetic rocks are used as a substitute for natural gravel to fill in a water drainage trench. The synthetic rocks may be used around perforated drain tiles in a basement water drainage system, or they may be used without such tile. The synthetic rocks may be of a size and shape that mimics the natural rock they replace, but they are preferably significantly lighter in weight. The synthetic rocks may alternatively be tubular or cubic shaped, for example, and

may include one or more lumens or other passageways to facilitate the flow of water through and/or around the rocks. The synthetic rocks may be provided in mesh bags to facilitate placement in a water drainage trench.

Type: Grant

Filed: April 21, 2006

Date of Patent: June 30, 2009

Inventor: Scott Nordhoff

- **Synthetic materials for water drainage systems**

Publication number: 20070092338

Abstract: Synthetic rocks are used as a substitute for natural gravel to fill in a water drainage trench. The synthetic rocks may be used around perforated drain tiles in a basement water drainage system, or they may be used without such tile. The synthetic rocks may be of a size and shape that mimics the natural rock they replace, but they are preferably significantly lighter in weight. The synthetic rocks may alternatively be tubular or cubic shaped, for example, and may include one or more lumens or other passageways to facilitate the flow of water through and/or around the rocks. The synthetic rocks may be provided in mesh bags to facilitate placement in a water drainage trench.

Type: Application

Filed: April 21, 2006

Publication date: April 26, 2007

Inventor: Scott Nordhoff

Water drainage systems

Publication number: 20070092337

Abstract: Synthetic rocks are used as a substitute for natural gravel to fill in around perforated drain tiles in a water drainage system. The synthetic rocks may be of a size and shape that mimics the natural rock they replace, but they are preferably significantly lighter in weight. The synthetic rocks may alternatively be tubular or cubic shaped, for example, and may include one or more lumens or other passageways to facilitate the flow of water through and/or around the rocks.

Type: Application

Filed: October 25, 2005

Publication date: April 26, 2007

Inventor: Scott Nordhoff

- Tool and method for manipulating a beverage container tab

Patent number: 5911794

Abstract: A method and tool for manipulating an opening tab mounted on a beverage container. The tool has an elongate body having a front-end, an opposing distal end, a top face and a lower face. An internal channel is defined within the elongate body beginning in the front-end and extending lengthwise within the elongate body. The internal channel is sized at least as high, as least as wide and at least as long as the tab. A cut-away is made in the lower face of the elongate body. The cut-away communicates with the internal chamber to allow the elongate body to be positioned or slid with the tab held within the internal channel. The elongate body extends past the site where the tab is mounted and the top face of the elongate body substantially covers the tab. A groove is defined in the lower face of the elongate body distally from the front-end. The groove is sized and spaced to grip the rim of the container.

Type: Grant

Filed: February 23, 1998

Date of Patent: June 15, 1999

Inventor: Scott Nordhoff