



Hills, Inc. Issued Patents

- 3,965,642 - Method & Apparatus For Filling Plastic Bags With Liquid Or Particulate Material
- 4,406,850 - Spin Pack & Method For Producing Conjugate Fibers
- 4,849,113 - Continuous Polymer Filter
- 5,162,074 - Method Of Making Plural Component Fibers
- 5,344,297 - Apparatus For Making Profiled Multi-Component Yarns
- 5,462,653 - Apparatus For Continuous Polymer Filtration
- 5,466,410 - Process Of Making Multiple Mono-Component Fiber
- 5,516,476 - Process For Making A Fiber Containing An Additive
- 5,551,588 - Profiled Multi-Component Fiber Flow Plate Method
- 5,562,930 - Distribution Plate For Spin Pack Assembly
- 5,851,562 - Instant Mixer Spin Pack
- 6,221,266 - Variable Capacity Continuous Extended Area Filter
- 6,338,814 - Spunbond Web Formation
- 6,471,910 - Nonwoven Fabrics Formed From Ribbon-Shaped Fibers & Method & Apparatus For Making The Same
- 6,551,353 - Synthetic Fibers For Medical Use & Method Of Making The Same
- 6,627,025 - Method & Apparatus for Extruding Easily-Splittable Plural Component Fibers For Woven & Nonwoven Fabrics
- 6,767,498 - Process Of Making Microfilaments
- 6,803,102 - Spinneret Hole Configuration For Preventing Bending Of Bicomponent Extrudate
- 6,811,873 - Self-Crimping Multicomponent Polymer Fibers & Corresponding Methods Of Manufacture
- 6,833,104 - Method & Apparatus For Spinning A Web Of Mixed Fibers, & Products Produced Therefrom
- 6,855,422 - Multi-Component Fibers Having Enhanced Reversible Thermal Properties & Methods Of Manufacturing Thereof
- 6,861,142 - Controlling The Dissolution Of Dissolvable Polymer Components In Plural Component Fibers
- 7,037,097 - Methods & Apparatus For Controlling Airflow In A Fiber Extrusion System
- 7,160,612 - Multi-Component Fibers Having Enhanced Reversible Thermal Properties & Methods Of Manufacturing Thereof
- 7,179,412 - Method & Apparatus For Producing Polymer Fibers & Fabrics Including Multiple Polymer Components In A Closed System
- 7,192,550 - Method & Apparatus For Spinning A Web Of Mixed Fibers, & Products Produced Therefrom
- 7,192,499 - Nonwoven Fabric With Characteristics Similar To Woven & Knitted Fabrics
- 7,241,497 - Multi-Component Fibers Having Enhanced Reversible Thermal Properties & Methods Of Manufacturing Thereof
- 7,252,493 - Temperature Control System To Independently Maintain Separate Molten Polymer Streams At Selected Temperatures During Fiber Extrusion
- 7,300,272 - Fiber Extrusion Pack Including Split Distribution Plates
- 7,309,430 - Filtration System Utilizing A Single Valve To Direct Fluid Streams Between Filter Assemblies & Corresponding Methods
- 7,422,071 - Swelling Packer With Overlapping Petals
- 7,431,869 - Method Of Forming Ultra-Fine Fibers & Non-Woven Webs
- 7,504,348 - Production Of Nonwoven Fibrous Webs Including Fibers With Varying Degrees Of Shrinkage
- 7,740,777 - Method & Apparatus For Producing Polymer Fibers & Fabrics Including Multiple Polymer Components

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