Jerry Kirsch's U.S. Patents

United States Patent Number 2,994,301
Reciprocable Hydro-pneumatic Motor
Date of Patent: August 1, 1961
Filed:

United States Patent Number 3,079,897
Constant Speed Reciprocable Hydro-pneumatic Motor
Date of Patent: March 5, 1963
Filed: Nov. 29, 1960

United States Patent Number 3,104,673
Pressure – Responsive Fluid Flow Control Valve
Date of Patent: Sept. 24, 1963
Filed: Feb. 20, 1961

United States Patent Number 3,167,029
Shock Cushioning Device
Date of Patent: Jan. 26, 1965
Filed: Sept. 1961

United States Patent Number 3,178,166
Constant – Pressure Hydraulic Flow Control Apparatus
Date of Patent: Apr. 13, 1965
Filed: Feb. 20, 1961

United States Patent Number 3,210,063
Hydopneumatic Suspension System
Date of Patent: Oct. 5, 1965
Filed: Dec. 31, 1962

United States Patent Number 3,236,512
Self – Adjusting Hydropneumatic Kenetick Energy Absorption Arrangement
Date of Patent: Feb. 22, 1966
Filed: Jan. 16, 1964

United States Patent Number 3,237,783
Self – Adjusting Cushion Vehicle Coupler Arragement
Date of Patent: Mar. 1, 1966
Filed: Jan. 15, 1964

United States Patent Number 3,253,555
Cushioned Cargo – Supporting Structure
Date of Patent: May 31, 1966
Filed: Mar. 10, 1995

United States Patent Number 3,406,837
Lifting and Swinging Work Transfer Device
Date of Patent: Oct. 22, 1968
Filed: Oct. 13, 1966

United States Patent Number 3,683,960
Block Manifold for Fluid Control Systems and Method of Making the Same
Date of Patent: Aug. 15, 1972
Filed: Nov. 19, 1970

United States Patent Number 3,710,953
Apparatus for Vacuum Pick-Up of Porous Materials
Date of Patent: Jan. 16, 1993
Filed: Sept. 16, 1971

United States Patent Number 3,788,505
Method for Vacuum Pick-Up of Porous Materials
Date of Patent: Jan 29, 1974
Filed: Nov. 3, 1972

United States Patent Number 3,825,647
Method for Making Block Manifold for Fluid Control System
Date of Patent: July 23, 1974
Filed: Nov. 19, 1971

United States Patent Number 4,107,539
Laser Workpiece Position and Presence Inspector and Machine Control Governor
Date of Patent: Aug. 15, 1978
Filed: Mar. 16, 1977

United States Patent Number 4,107,541
Workpiece Hole Presence And absence Inspector
Date of Patent: Aug. 15, 1978
Filed: Mar. 4, 1977

United States Patent Number 4,165,921
Horizontally and Vertically Adjustable Mirror Mounting
Date of Patent: Aug. 28, 1979
Filed: Jul. 11, 1978

United States Patent Number 4,187,051
Rotary Video Article Centering, Orienting and Transfer Device for Computerized Electronic Operating System
Date of Patent: Feb. 5, 1980
Filed: May 26, 1978

United States Patent Number 4,201,313
Hopper Feeder for Single Dispensing Short Rod or Tubes
Date of Patent: May 6, 1980
Filed: Feb. 8, 1978

United States Patent Number: 4,816,911
Handling Process and Information Station
Date of Patent: March 28, 1989
Filed: Feb. 17, 1987

United States Patent Number: 5,617,762
Miniature Positioning Device
Date of Patent: April 8, 1997
Filed: Mar. 10, 1995

United States Patent Application
Serial No. .
A GPS Signal Driven Sensor Positioning System
Filing Date: July 7, 1999