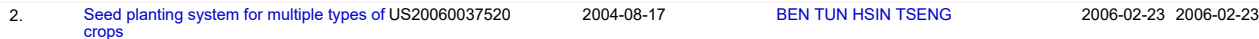
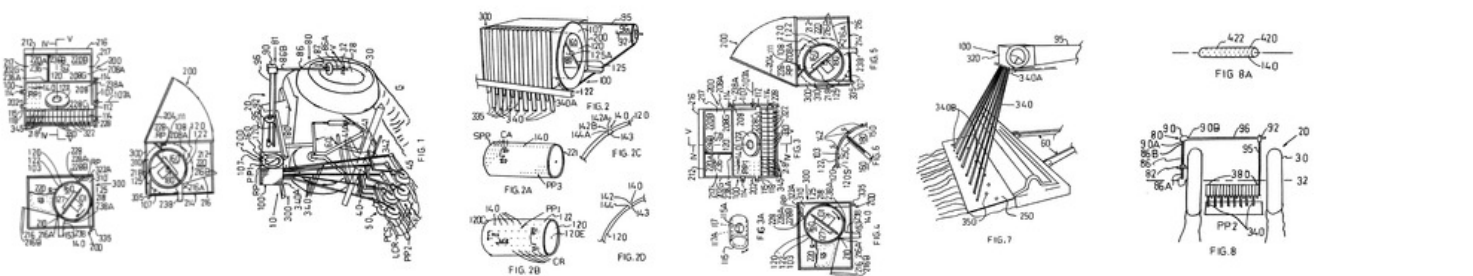


In a method of for generating a crop recommendation, a plurality of data sets are received by a computer system from a plurality of disparate data sources, wherein each of said plurality of data sets describes a factor affecting a crop. A benchmark is created by the computer system for each of the data sets which describes how the factor affects the market value of the crop. A model is generated by the computer system which describes the crop based upon each of said benchmarks from the plurality of data sets. A report is then generated by the computer system comprising at least one recommendation to increase the market value of the crop



A highly efficient seed planting system and method for farmers with small acreages that allows quick changes in equipment to effect quick changes in planted seed patterns. The system includes a seed selector, a seed distributor, a planting member, a transport apparatus and a timing drive mechanism. Efficiency is provided by a number of features including easily changeable seed carrying drums each having different predetermined first seed patterns for different seeds that produce scaled second predetermined patterns in the ground, an easily changeable seed distribution arrangement, an easily changeable and variable seed supply, a simple vacuum/pressure producer, and a timing drive apparatus that synchronizes movement of the drums with the transport apparatus and allows easy changing of the seed spacing in each row.



A heads-up display (HUD) for a self-propelled agricultural vehicle or implement-particularly for applying a product to a field using a computer-controlled agronomic application system encompassing one or more application maps or animated map display systems-the heads-up display having a projection system relying upon selective refraction at the surface of the vehicle windshield (or a reflection-enhancing coating or screen applied to or used in lieu of projecting the animated map image directly on the windshield surface).

