

## **HEAD DISC ASSEMBLY CONFIGURATION AND ASSEMBLY CONTROL SYSTEM FOR A DISC DRIVE**

### **Abstract of the Disclosure**

5           A head disc assembly configuration and assembly control system with a  
network server including a master disc drive configuration data structure, a host  
computer communicating with the network server generating interface signals  
controlling configuration and assembly of a head disc assembly for several station  
10       control systems. Each station control system operationally controlling an assembly  
station of an automated disc drive assembly line assembling head disc assemblies.  
The system includes a host micro controller providing a communication link  
between the host computer and each assembly station and a communication interface  
board at each station translating the interface signals from the host computer for use  
15       as assembly step signals by the assembly station.

Fig. 1