GrinderMachine

GrinderRobot

GlassDone(glass)   HereIsGlass(glass)

GlassDone(glass)   HereIsGlass(glass)

GrinderConveyorFamily

DrillMachine

DrillRobot

GlassDone(glass)   HereIsGlass(glass)

GlassDone(glass)   HereIsGlass(glass)

DrillConveyorFamily 3

CrossSeamerMachine

8. HereIsGlass(glass)   9. GlassDone(glass)

CrossSeamerRobot

7. HereIsGlass(glass)

10. GlassDone(glass)

CrossSeamerConveyorFamily

11. PositionFree()

12. HereIsGlass(glass)

PositionFree()

HereIsGlass(glass)

PositionFree()

HereIsGlass(glass)

WasherConveyorFamily
4

PositionFree()

GlassDone(glass)

PositionFree()

HereIsGlass(glass)

PositionFree()

ShuttleAgent

HereIsGlass(glass)

PaintConveyorFamily
5

PositionFree()

HereIsGlass(glass)

UVConveyorFamily
6

PositionFree()

HereIsGlass(glass)

//The pattern continues.

5. PositionFree()   6. HereIsGlass(glass)

ShuttleAgent

3. PositionFree()   4. HereIsGlass(glass)

NCCutterConveyorFamily

1. PositionFree()   2. HereIsGlass(glass)

BinRobot

/*The HereIsGlass message must be preceded by the corresponding PositionFree message.*/

OvenConveyorFamily

PositionFree()

HereIsGlass(glass)

ShuttleAgent

BinRobot receives
msgHereIsGlass via GUI
action button or it is
seeded with glasses to
begin with