No.	Area of interest	Need	lmp.
1	Whole system	weigh less than 750 lbs	1
2	Whole system	Made from 304 SS	1
3	Whole system	Lifting handle compatibile with EMM	1
4	Whole system	fit in a 9"x24"x22.5" envelope	1
5	Whole system	swagelok fittings on all connections	1
6	Whole system	Needs to work in an argon atmosphere	1
7	Filter	Easily accessible and changeable	1
8	pump	Needs to be in production still	1
9	Handle	Must be at center of gravity	1
10	All indivual parts	Need to be compatibly with mechanical manipulators	1
11	Whole system	interface with grinder	2
12	Whole system	Needs to have at least mill finish	2
13	Whole system	Needs to have a bypass valve	2
14	Filter	must be before pump and tank	2
15	Filter	weigh 20 lbs or less with all contents from filter process	2
16	Filter	Needs to be in direction of flow to capture particles	2
17	Filter	Possibly add roughing filter to filter out larger particles	2
18	pump	Needs to have equivalent electrical requirements as previous pump	2
19	Flow rate	Continous but not overly forceful	2
20	Filter	Cost less than \$2000	3
21	Filter	at least the same mesh as the current filter	3
22	Heavy pieces	Need to have guide pins	3
23	screws	need to have lead in to make threading easy	3
24	Connection	Inlet must connect to braided cable from the grinder	3
25	Electrical	Need Amphenol connectors	4