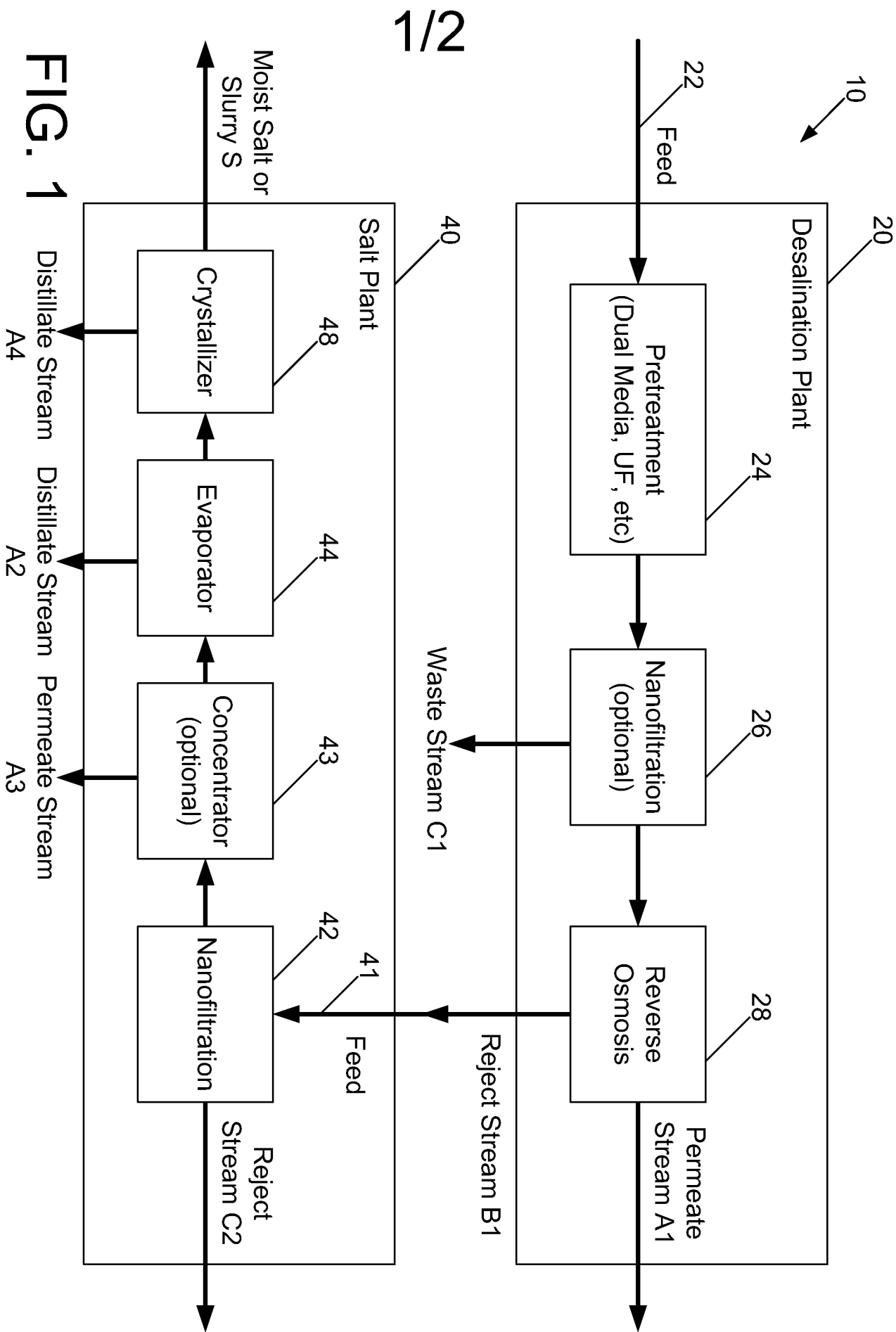




2/2

Integrated Desaliantion & Salt Plant Design with No Chemical Purification

	Desalination Plant Reject	NF Permeate	NF Reject	% Decrease between Desalination Reject and NF Permeate
Factor				
Temperature, C	31	32	32	
	mg/l	mg/l	mg/l	
Ca	879	84	951	90%
Mg	2451	62	1737	97%
Na	20871	17890	34041	14%
K	793	680	1294	14%
Sr	12	1	13	90%
Li	0	0	0	0%
Ba	0	0	0	98%
Cl	37595	28597	58537	24%
HCO3	292	29	498	90%
SO4	5207	1	478	99.99%
Br	0	0	0	0%
NO3	33	31	43	6%
F	2	2	3	14%
PO4	0	0	0	0%
I	0	0	0	0%
Boron	8	8	8	0%
SiO2	20	20	20	0%
CO2	3	3	3	0%
NaCl	53084	45502	86583	14%
TDS	68162	47404	97623	30%

FIG. 2