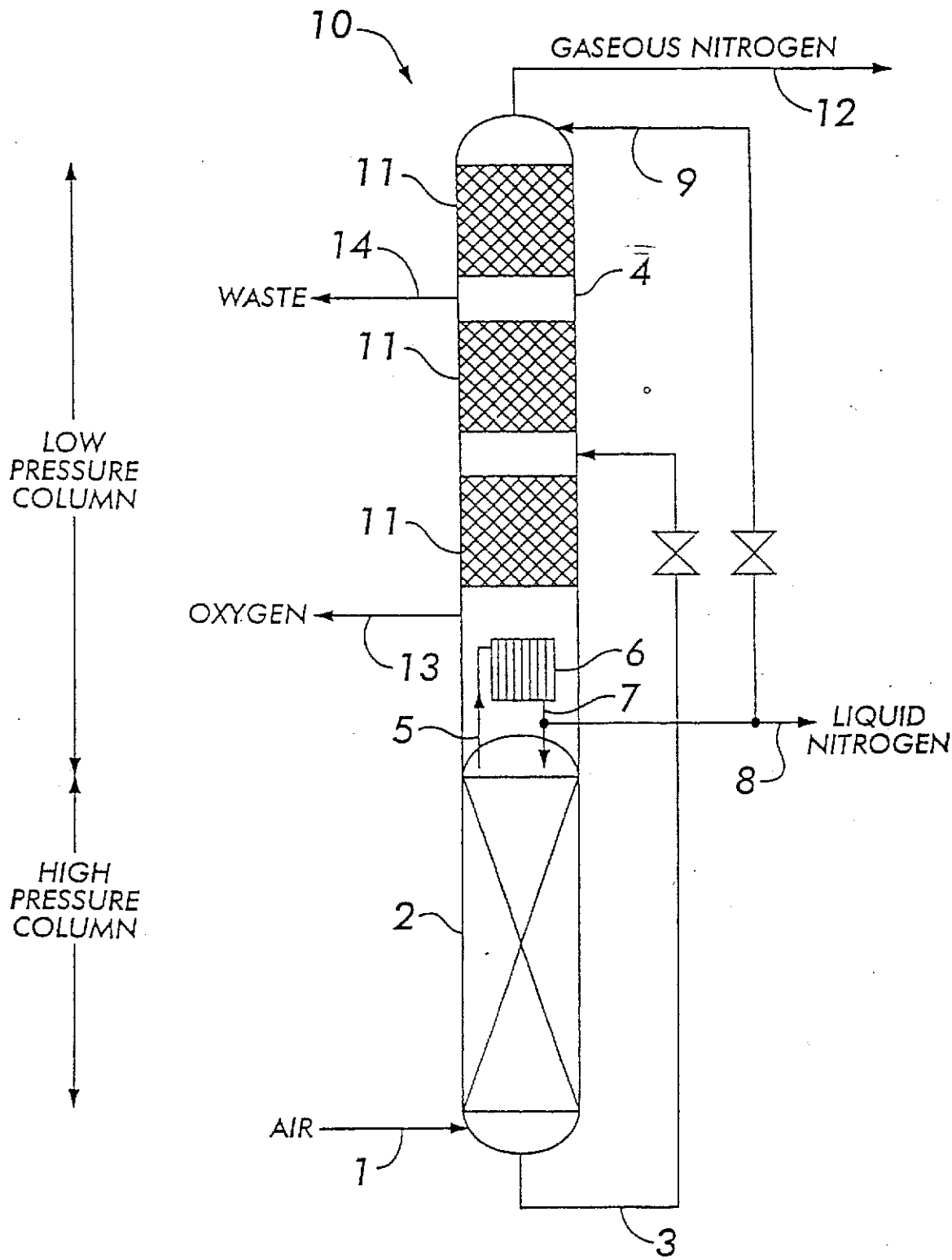

10
GASEOUS NITROGEN
12
9
11
14
WASTE
4
11
LOW PRESSURE COLUMN
11
OXYGEN
13
6
7
5
LIQUID NITROGEN
8
HIGH PRESSURE COLUMN
2
AIR
1
3

FIG.1

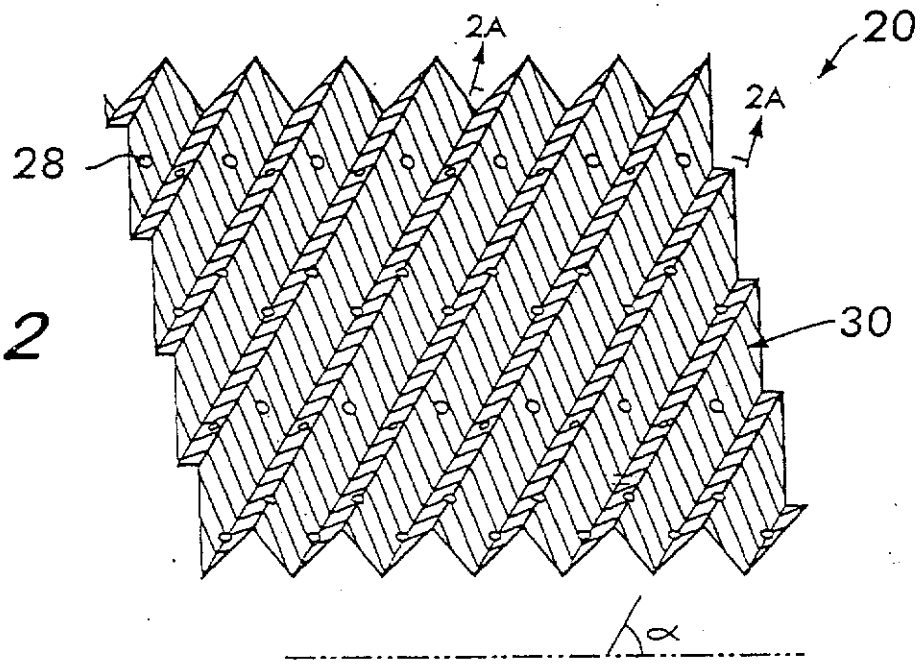


FIG.2



FIG.2A

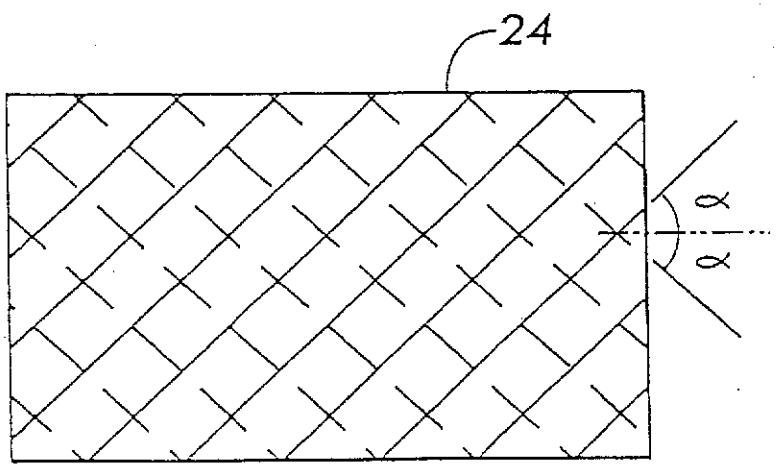


FIG.3

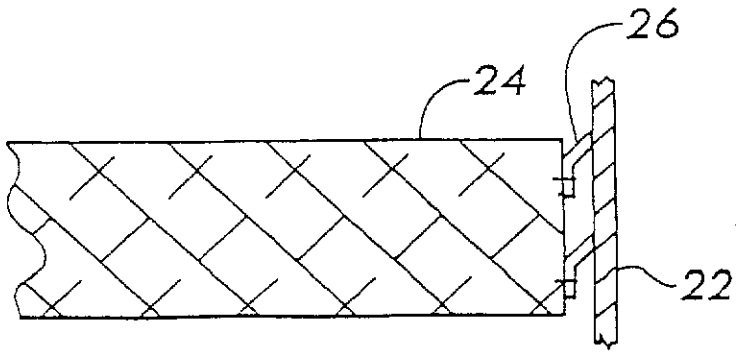


FIG.4

FIG.5A

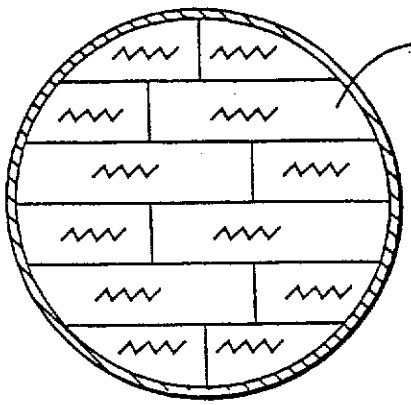


FIG.5B

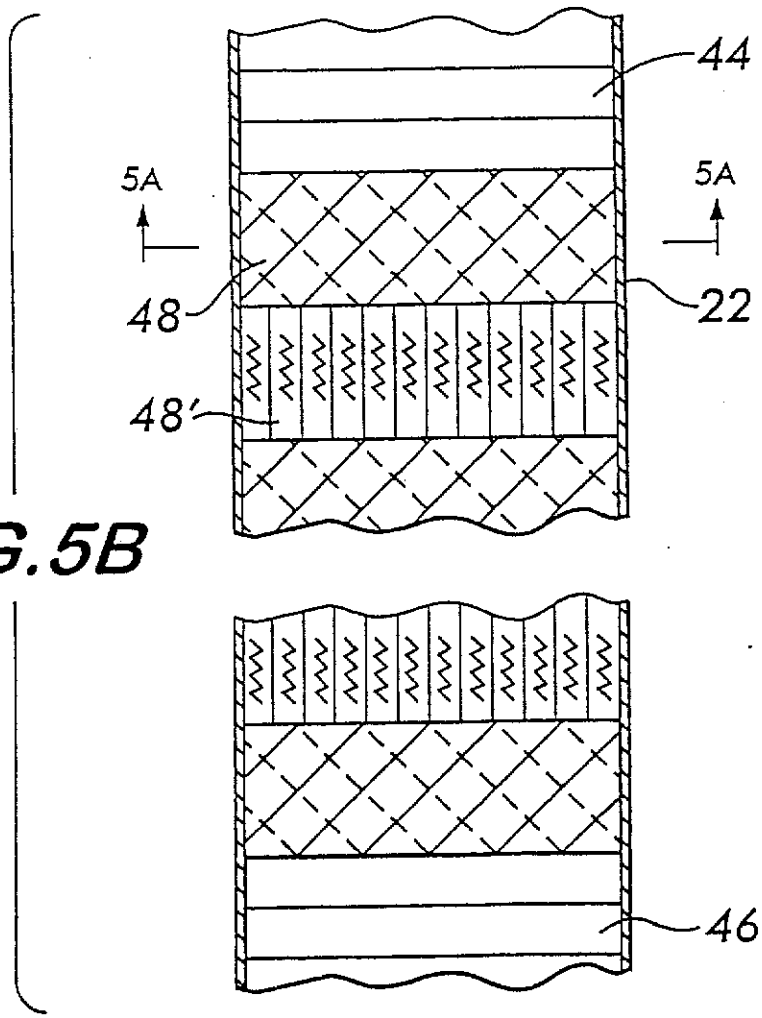


FIG.6

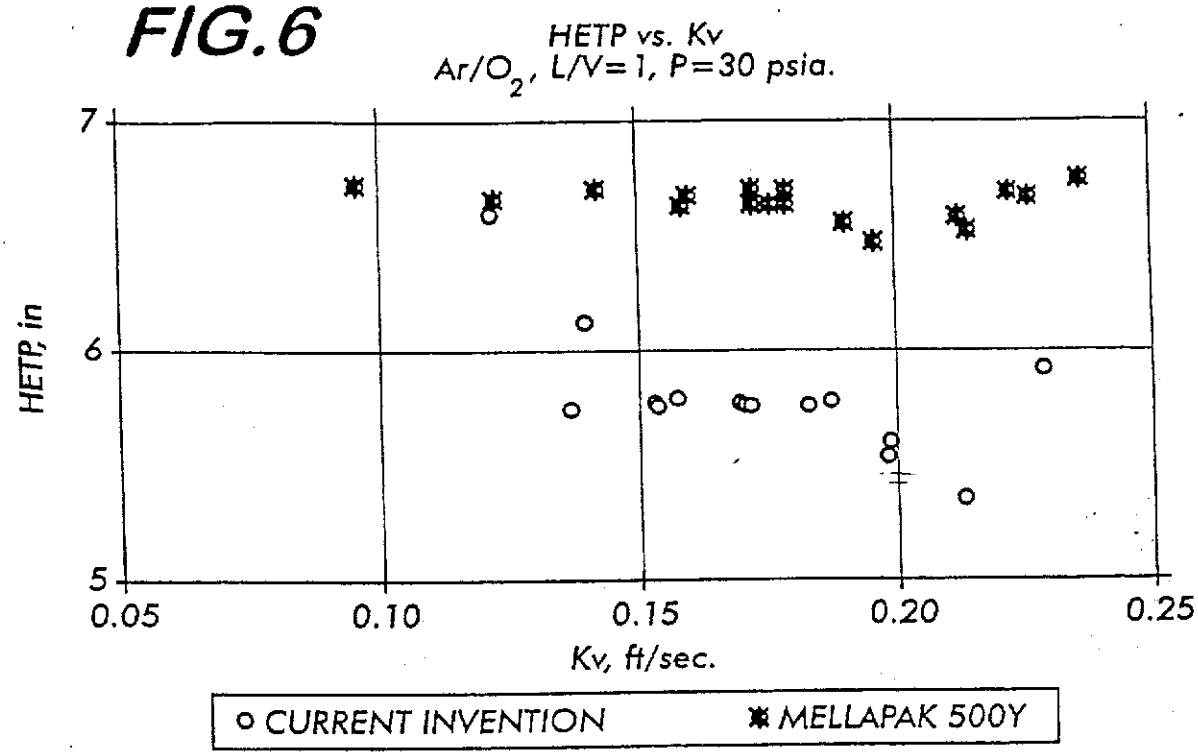
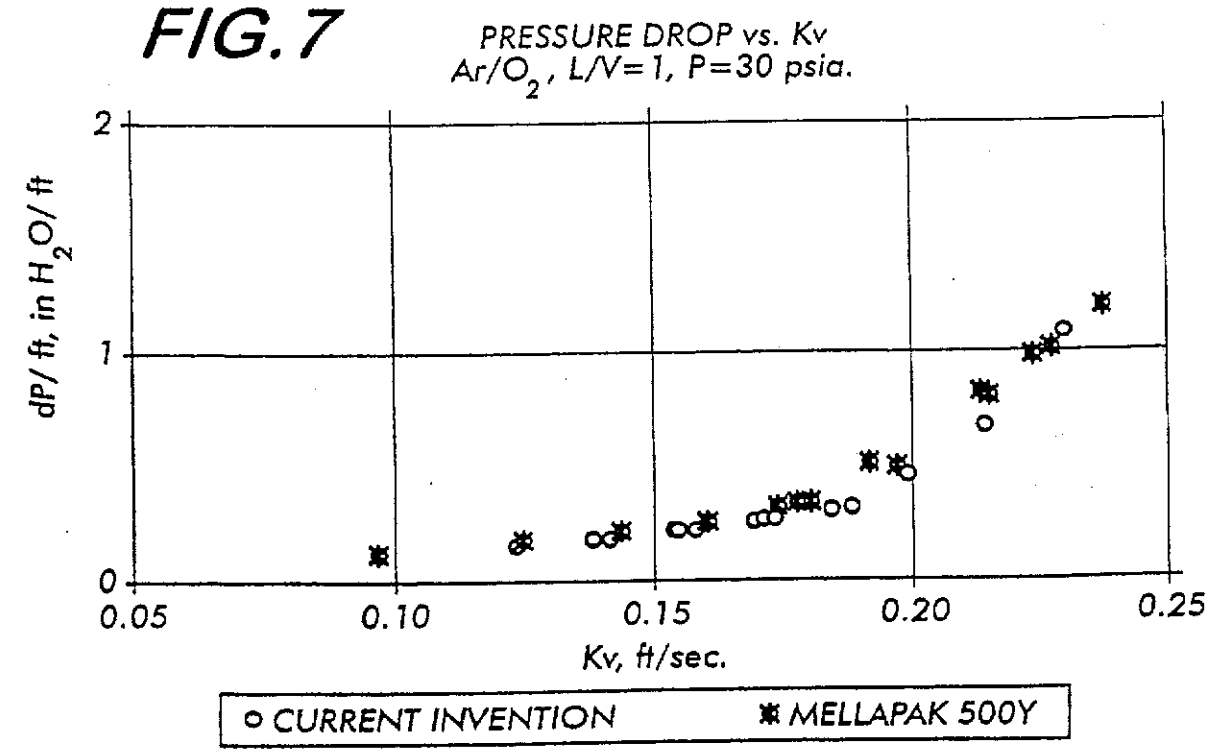

HETP vs. Kv
Ar/O2, L/V=1, P=30 psia.
HETP, in
7
6
5
0.05
0.10
0.15
0.20
0.25
Kv, ft/sec.
o CURRENT INVENTION
* MELLAPAK 500Y

FIG.7


PRESSURE DROP vs. Kv
Ar/O2, L/V=1, P=30 psia.
dP/ ft, in H2O/ ft
2
1
0
0.05
0.10
0.15
0.20
0.25
Kv, ft/sec.
o CURRENT INVENTION
* MELLAPAK 500Y