1/ JT agreement
2/ Does JT own Mag OH sheet? What do they own?

- can we make Plainsaino for Japan considering we gave them the rights?

  - We can make + sell 2x wrap in Japan
  - We can make EVG in sidestream adhesive

- Mag Hydroxide Paper
  - many patents expired - none in force
    ex = OK + printed on = OK expired
  - mag hydroxide
  - high salt
  - EVG
- Patent - front page - Matthews / Perfetti
  - salts outside scope of claims

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? ownership

- things already done - expired patents or prior art

- key learning from past?
- paper Vendor?
- common technologies for LSS?
- Role for EVG?
- fundamental principle?
- How does it work?
- what will happen to cigarette function

- We assigned low smoke technology to JT in technology transfer
  5/1999
  low smoke = 2X or 1X that reduces sidestream smoke
  5 years from closing - exclusive except Japan which remains exclusive forever

Eclipse
Carbon Scrubber
EW

EVG
Propane Expansion

4 Alternatives

Impractical
- Above or below level of addition in final paper
  - too low → not effective
  - too high → taste

Low probability
- Alkali salts > Alkaline earth (KOAc + KCl ↑)
  - will not accomplish the continuous ash form of $CaCO_3$
  - burn properties substantially impacted

Impractical
- Inorganic anions > organic ions
  - will not accomplish the continuous ash form of $CaCO_3$
  - burn properties and taste substantially impacted

(*)
- Just use alkaline earth organic salts
  - cohesive ash appearance may suffer, raccoon?
    (CaOAc, MgOAc)

No inorganic ions

$$\left(\frac{174\text{ g } Mg(OAc)}{116\text{ g } Ca(OAc)}\right) \text{ in } 1000\text{ g } H_2O$$

What alkali metal ions are present anyway?

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