

FIG.1

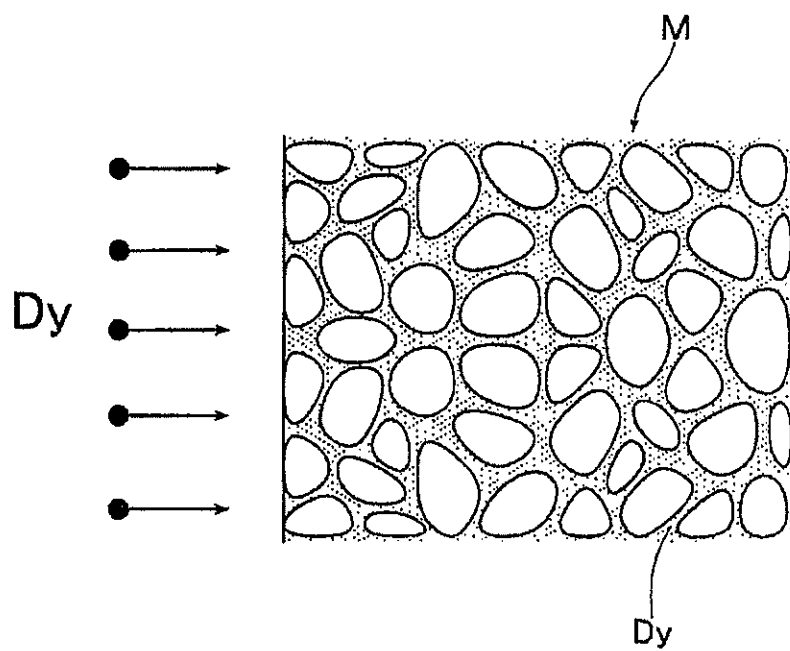


FIG.2

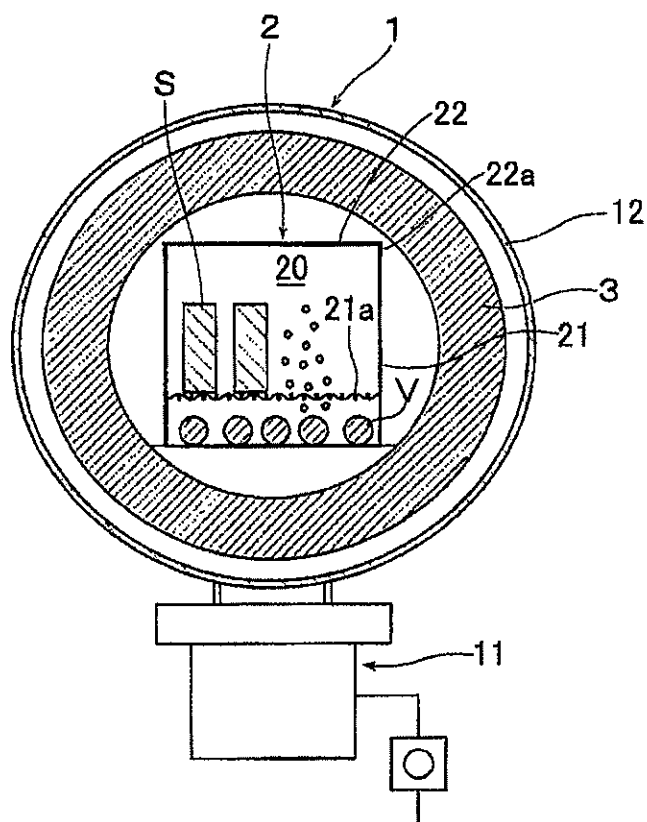


FIG.3

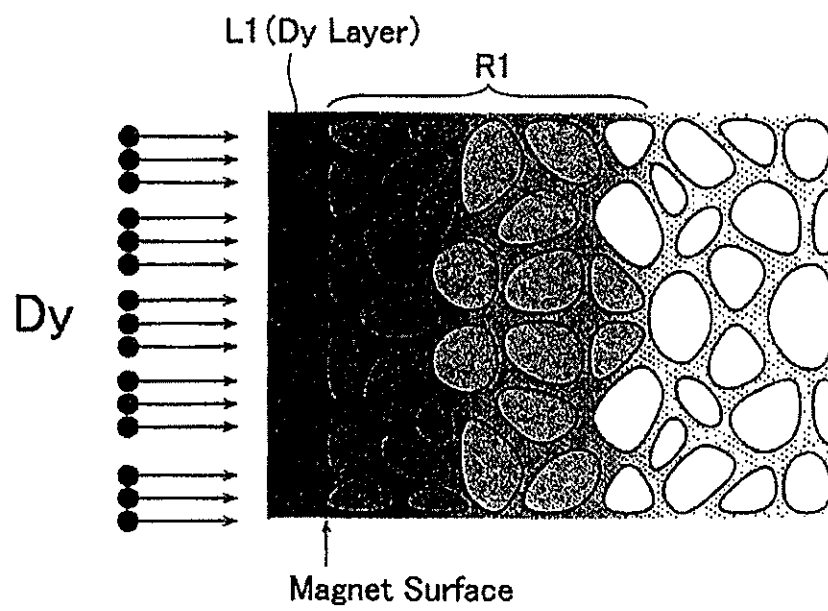


FIG.4A

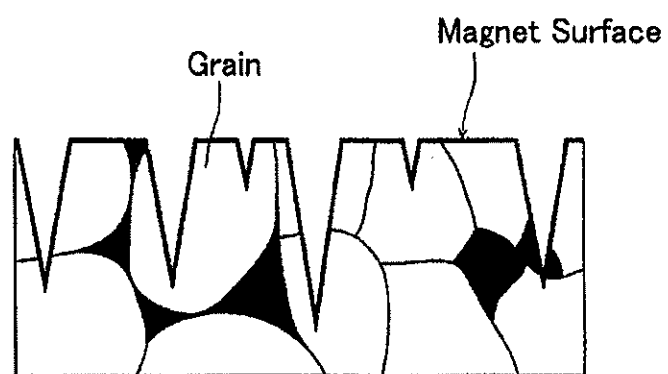


FIG.4B

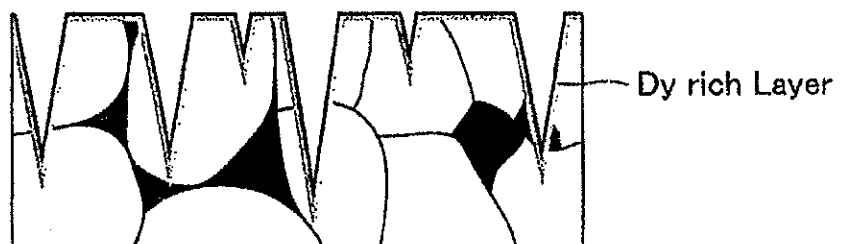


FIG.5

|                        | Evaporating source | Vapor Processing Time(h) | Br(kG) | iHc(k0e) | (BH)max(MG0e) | (BH)max+iHc |
|------------------------|--------------------|--------------------------|--------|----------|---------------|-------------|
| Comparative Example 1a | No                 | 0                        | 13.6   | 15.8     | 44.7          | 60.5        |
|                        | Dy                 | 1                        | 13.6   | 18.9     | 45.1          | 64.0        |
|                        | Dy                 | 8                        | 13.6   | 20.5     | 45.0          | 65.5        |
|                        | Dy                 | 18                       | 13.6   | 24.3     | 44.7          | 69.0        |
| Example 1a             | DyH2               | 1                        | 13.6   | 20.9     | 45.0          | 65.9        |
|                        | DyH2               | 8                        | 13.6   | 24.3     | 45.1          | 69.4        |
|                        | DyH2               | 18                       | 13.6   | 24.2     | 45.1          | 69.3        |

FIG.6

|                        | Evaporating source | Vapor Processing Time(h) | Br(kG) | iHc(k0e) | (BH)max(MG0e) | (BH)max+iHc |
|------------------------|--------------------|--------------------------|--------|----------|---------------|-------------|
| Comparative Example 1b | No                 | 0                        | 13.6   | 15.8     | 44.7          | 60.5        |
|                        | Tb                 | 1                        | 13.6   | 20.9     | 45.2          | 66.1        |
|                        | Tb                 | 7                        | 13.6   | 23.5     | 45.2          | 68.7        |
|                        | Tb                 | 18                       | 13.6   | 28.3     | 45.1          | 73.4        |
| Example 1b             | TbH2               | 1                        | 13.6   | 25.3     | 45.1          | 70.4        |
|                        | TbH2               | 7                        | 13.6   | 28.2     | 45.0          | 73.2        |
|                        | TbH2               | 18                       | 13.6   | 28.4     | 45            | 73.4        |