CLAIMS

【Claim 1】 A magnetic wheel comprising:

a balance block;

a magnetic body which is provided in the balance block and attaches the balance block to an attachment object with a magnetic force; and

a magnetic shielding block which is provided in the balance block and guides a magnetic field generated in the magnetic body toward the attachment object,

wherein the magnetic shielding block comprises:

a ceiling portion for shielding the magnetic field generated in the magnetic body from going toward the center of the balance block; and

a wall portion which is connected to the ceiling portion and prevents the magnetic field from ejecting in the lateral directions of the magnetic body.

【Claim 2】 The magnetic wheel according to claim 1, wherein the magnetic shielding block shields all regions except the bottom of the magnetic body directing to the attachment object.

【Claim 3】 The magnetic wheel according to claim 1, wherein the magnetic shielding block is coupled to the balance block according to one selected from a group consisting of fitting and welding.

【Claim 4】 The magnetic wheel according to claim 1, wherein the magnetic shielding block is provided to be perpendicular to the center of the balance block.

【Claim 5】 The magnetic wheel according to claim 1, wherein the balance block includes:

a circular block body; and

a frame portion which is provided at an edge of the block body and has a larger diameter than the block body.

【Claim 6】 The magnetic wheel according to claim 5, wherein the magnetic body is provided in the block body.

【Claim 7】 The magnetic wheel according to claim 5, wherein a bearing to rotatably support a rotating shaft passing through the block body is provided in the block body.

【Claim 8】 The magnetic wheel according to claim 5, wherein a friction member is provided in the block body.

【Claim 9】 The magnetic wheel according to claim 5, wherein the balance block is removably coupled to the block body or is integrated with the block body.

【Claim 10】 The magnetic wheel according to claim 1, wherein the magnetic body includes a permanent magnet.