

15/06/06
2006040901

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
7 July 2005 (07.07.2005)

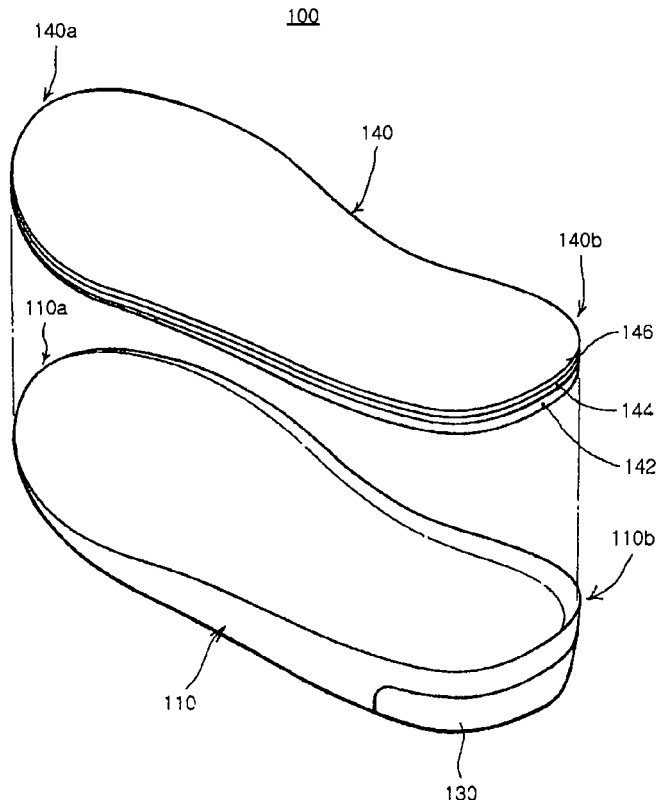
PCT

(10) International Publication Number
WO 2005/060779 A1

- (51) International Patent Classification⁷: A43B 1/14, 13/14, 5/06
- (21) International Application Number: PCT/KR2004/000325
- (22) International Filing Date: 18 February 2004 (18.02.2004)
- (25) Filing Language: Korean
- (26) Publication Language: English
- (30) Priority Data:
10-2003-0094999 22 December 2003 (22.12.2003) KR
10-2004-0006196 30 January 2004 (30.01.2004) KR
- (71) Applicant (for all designated States except US): AISON CO., LTD. [KR/KR]; 163-7 Gamjeon-dong, Sasang-gu, Pusan 617-050 (KR).
- (72) Inventor; and
(75) Inventor/Applicant (for US only): KIM, Hee-Suk [KR/KR]; #402 Baekyang Villa, 11-3 Sambang-dong, Kimhae, Kyungsangnam-do 621-908 (KR).
- (74) Agent: C & S PATENT AND LAW OFFICE; C-2306 Daelim Acrotel, 467-6 Dogok-dong, Kangnam-gu, Seoul 135-971 (KR).
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH,

[Continued on next page]

(54) Title: INSOLE ASSEMBLY FOR INCREASING WEIGHT OF FOOTWEAR AND HEAVY FOOTWEAR HAVING WEIGHT-INCREASING MIDSOLE/OUTSOLE



(57) Abstract: Disclosed are an insole assembly for increasing the weight of a footwear and a heavy footwear having an outsole and/or a midsole made of a high specific gravity compressed resin to enhance exercise effect. The insole assembly (100, 200) includes a lower insole (110, 210) made of a compressed resin having a high specific gravity; an upper insole (120, 220) laid on the lower insole (110, 210) and a shock absorbing member (130, 230) attached to a heel of the lower insole (110, 210). The insole assembly is made of a compressed resin to increase the weight of a footwear to which the insole assembly is applied.

WO 2005/060779 A1



162162



ACTION