

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
4 July 2002 (04.07.2002)

PCT

(10) International Publication Number
WO 02/051273 A3

(51) International Patent Classification⁷: A43B 3/26,
13/18, 13/16

(21) International Application Number: PCT/US01/49381

(22) International Filing Date:
19 December 2001 (19.12.2001)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/258,184 22 December 2000 (22.12.2000) US
60/304,250 10 July 2001 (10.07.2001) US

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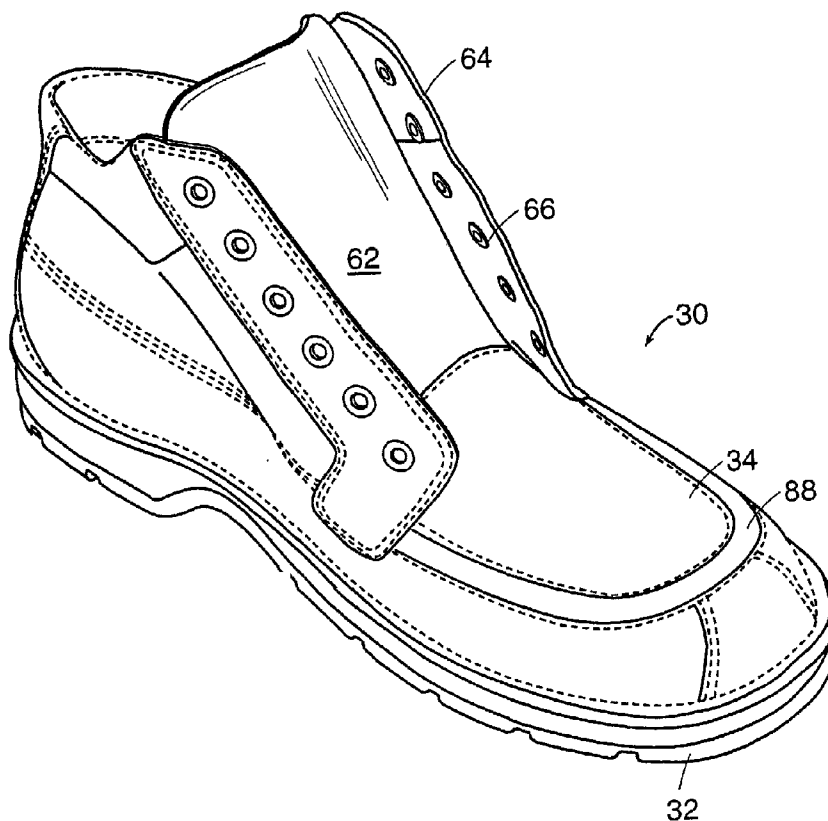
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(81) Designated States (national): AE, AG, AL, AM, AT, AU,
AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU,
CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,
GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC,
LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW,
MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG,

[Continued on next page]

(54) Title: SHOE CONSTRUCTION



(57) Abstract: A shoe has a bottom (32) including an expansion mechanism for expanding the bottom laterally underlying the metatarsals. An upper (34) is carried by the bottom. A chassis (36) is carried by the bottom for underlying the foot. In one embodiment, the expansion mechanism of the bottom includes a base portion (100) and an expansion portion (108), the base portion having a plurality of slots (106) extending generally longitudinally in the mid-foot region defining the expansion portion, the expansion portion formed of a material allowing lateral expansion of the bottom. In one embodiment, the upper has an expanding and contracting mechanism for expanding and contracting the upper therein stabilizing holing the foot as the foot moves. In one embodiment, the expanding and contracting mechanism is an elastic omega seam (140) interposed between two pieces of leather at a seam wherein the omega opens and closes. In one

embodiment, the chassis has at least three tailored zones, a heel zone (120) underlying the heel of the foot, a metatarsal zone (122) underlying the metatarsals, and a toe zone (124) underlying the toes of the foot. In one embodiment, the chassis has an additional tailored zone, an arch zone underlying the arch of the foot.



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SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ,
VN, YU, ZA, ZM, ZW.

Published:

— with international search report

(84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

(88) Date of publication of the international search report:

27 December 2002

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