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Declarations under Rule 4.17:

— *as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))*

— *as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))*

[Continued on next page]

(54) Title: ABRASIVE ARTICLE HAVING A PLURALITY OF PRECISELY-SHAPED ABRASIVE COMPOSITES

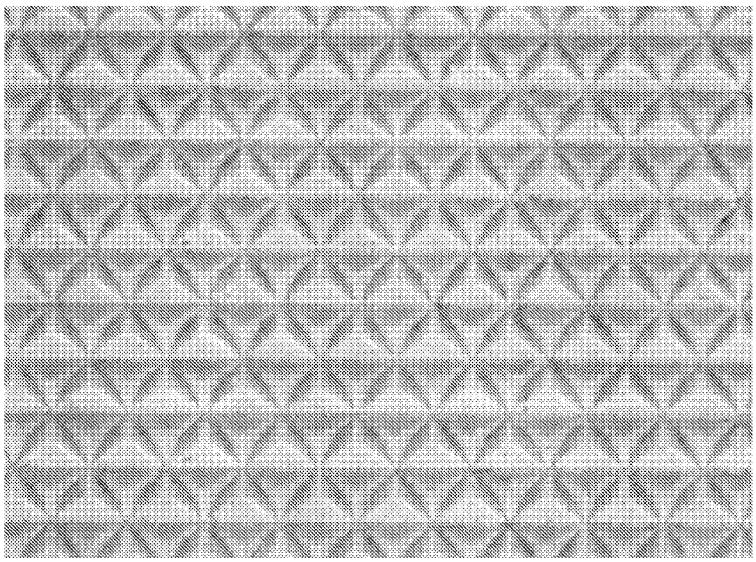


Fig. 7

(57) Abstract: An abrasive article comprising a sheet-like structure having a major surface and having deployed in a fixed position thereon a plurality of precisely-shaped abrasive composites in an area spacing. Each of the precisely-shaped abrasive composites comprising a plurality of abrasive particles dispersed in a binder and wherein the abrasive article has a Precisely-Shaped Abrasive Composite Defect Rate of between 0 percent to about 30 percent.

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A. CLASSIFICATION OF SUBJECT MATTER

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According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 8: B24D11/00, B24D3/00

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
Korean Utility models and applications for Utility models since 1975
Japanese Utility models and applications for Utility models since 1975

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
eKIPASS(KIPO internal)& keywords: "abrasive", "pyramid"

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5152917 A (PIEPER, J. R. et al.) 06 October 1992 See abstract and figure 1	1-26
A	US 5304223 A (PIEPER, J. R. et al.) 19 April 1994 See abstract and figure 2	1-26
A	US 2005/0255801 A1 (POLLASKY, A. D.) 17 November 2005 See abstract and figure 1	1-26
A	US 2007/0254560 A1 (WOO, E. J. et al.) 01 November 2007 See abstract and figure 1	1-26

☐ Further documents are listed in the continuation of Box C.

☒ See patent family annex.

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"&" document member of the same patent family

Date of the actual completion of the international search	Date of mailing of the international search report
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Information on patent family members

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