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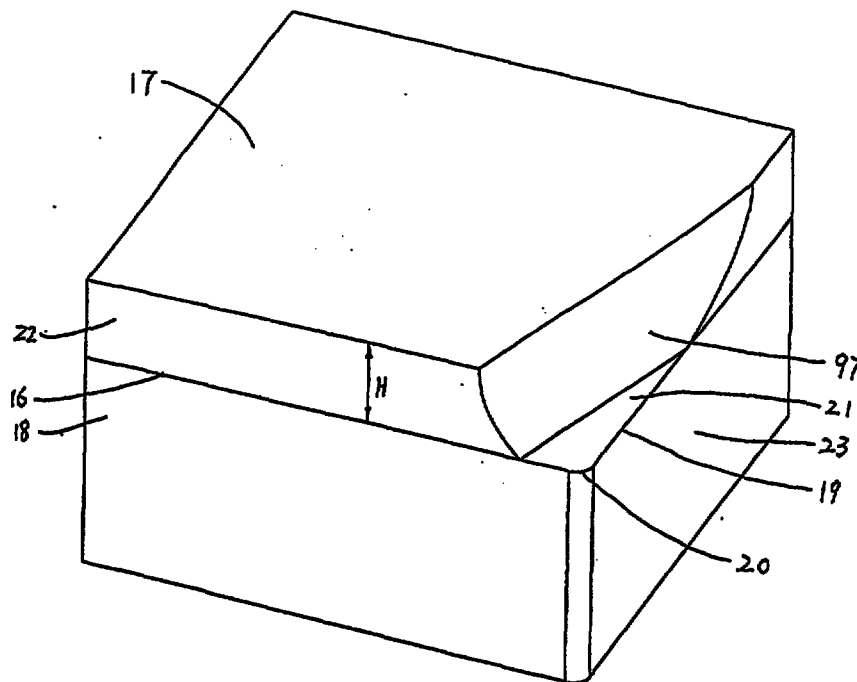


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INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification 6 : B23B 25/02	A1	(11) International Publication Number: WO 98/51436 (43) International Publication Date: 19 November 1998 (19.11.98)
(21) International Application Number: PCT/SG98/00033 (22) International Filing Date: 7 May 1998 (07.05.98) (30) Priority Data: ✓ 9701465-8 9 May 1997 (09.05.97) SG (71) Applicant (for all designated States except US): NATIONAL UNIVERSITY OF SINGAPORE [SG/SG]; 10 Kent Ridge Crescent, Singapore 119260 (SG). (72) Inventor; and (75) Inventor/Applicant (for US only): LI, Xiaoping [SG/SG]; Blk 12 Hill View Avenue #13-1404, Singapore 660012 (SG). (74) Agent: GREENE-KELLY, James, Patrick; Lloyd Wise, Tanjong Pagar, P.O. Box 636, Singapore 910816 (SG).		(81) Designated States: AU, CA, CN, IL, JP, KR, SG, US, European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE). Published <i>With international search report. Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.</i> 9905463-7

(54) Title: APPARATUS FOR BREAKING CHIPS



(57) Abstract

Apparatus for breaking chips is disclosed in which the chip generated during cutting is broken into small pieces by increasing the shear strain at the shear plane, which is the joint between the chip and the workpiece, until fracture occurs at the shear plane. This is achieved by forming a chip generated during cutting into a lever by guiding the chip using an arcuate surface (97) inclined to the tool cutting edge (19).