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(71) Applicant *(for all designated States except US)*: **LAM RESEARCH AG** [AT/AT]; SEZ-Strasse 1, A-9500 Villach (AT).

(71) Applicant *(for BZ only)*: **LAM RESEARCH CORPORATION** [US/US]; 4650 Cushing Parkway, Fremont, California CA-94538 (US).

(72) Inventors; and

(75) Inventors/Applicants *(for US only)*: **FRANK, Dieter** [AT/AT]; Dr. Karl Rennerweg 8, A-9220 Lind ob Velden (AT). **PUGGL, Michael** [AT/AT]; Eitweg 95, A-9421 Eitweg (AT). **FUCHS, Roman** [AT/AT]; Spritzenhausweg 4c, A-9500 Villach (AT). **LACH, Otto** [AT/AT]; Eichholzstrasse 28, A-9521 Treffen (AT).

(74) Agent: **KONTRUS, Gerhard**; SEZ-Strasse 1, A-9500 Villach (AT).

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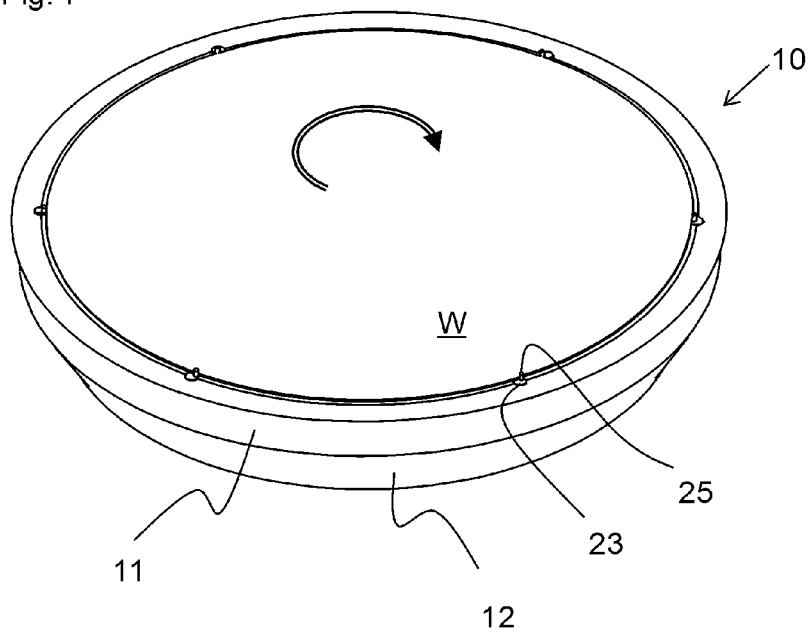
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Declarations under Rule 4.17:

[Continued on next page]

(54) Title: DEVICE FOR HOLDING WAFER SHAPED ARTICLES

Fig. 1



(57) Abstract: A spin chuck for holding semiconductor wafers includes one or more damping mechanisms to limit the force with which chuck pins impact the wafer edge following 5 wafer shift. The damping mechanism may be a linear or rotary dashpot. The dashpot or dashpots are mounted on a surface of the chuck body and include a control arm that contacts a common gear ring that in turn drives the chuck pins during radially inward and outward movement.

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