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(12) **United States Design Patent** (10) **Patent No.:** **US D968,340 S**
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(54) **OPERATOR PANEL FOR MACHINE TOOLS**

(56) **References Cited**

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U.S. PATENT DOCUMENTS

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D159,182 S *	7/1950	Beck	D13/162
D238,181 S *	12/1975	Roller	D13/162
D275,480 S *	9/1984	Thalmair	D13/162.1
D291,123 S *	7/1987	McCune	D13/162
D338,272 S *	8/1993	Cunagin	D24/167
D351,374 S *	10/1994	Shimizu	D13/162.1
D351,589 S *	10/1994	Shimizu	D13/162.1
D388,769 S *	1/1998	Pritchard	D13/162
D398,289 S *	9/1998	Burke	D13/162
D399,493 S *	10/1998	Nakajima	D13/163
D442,560 S *	5/2001	Price	D13/163

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(Continued)

(**) Term: **15 Years**

OTHER PUBLICATIONS

(21) Appl. No.: **29/729,156**

GROB Group, GROB 4 Pilot Access, (site visited Sep. 30, 2021), Grobgroup.com website, URL:<<https://www.grobgroup.com/en/products/product-range/universal-machining-centers/4-axis-machine-series/>> (Year: 2021).*

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(51) **LOC (13) Cl.** **13-03**

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(52) **U.S. Cl.**
USPC **D13/162; D15/138**

(57) **CLAIM**

(58) **Field of Classification Search**
USPC D15/1-9, 144, 122, 126, 138; D14/299,
D14/358, 434; D13/49, 50, 60, 103, 107,
D13/110, 117, 118, 124, 125, 126-127,
D13/146, 152, 162, 162.1, 163, 165, 182,
D13/184

The ornamental design for an operator panel for machine tools, as shown and described.

CPC H02J 7/003; H02J 7/0042; H01L 23/02;
H01L 23/04; H01L 23/053; H01L 23/12;
H02M 1/00; H02M 1/003; H05K 5/00;
H05K 5/026; H05K 5/0243; H05K
7/1462-1468; B60L 1/00; B60L 1/002;
B60L 15/34; B60L 15/38; B60L 53/20;
B60L 53/22; B25J 9/161; B25J 9/1602;
G05B 19/18; G05B 19/19; G05B 19/418

DESCRIPTION

FIG. 1 is a perspective view of an operator panel for machine tools, showing our new design;
FIG. 2 is a front elevation view of FIG. 1;
FIG. 3 is a top plan view of FIG. 1;
FIG. 4 is a bottom plan view of FIG. 1;
FIG. 5 is a left side elevation view of FIG. 1;
FIG. 6 is a right side elevation view of FIG. 1; and,
FIG. 7 is a rear elevation view of FIG. 1.

See application file for complete search history.

1 Claim, 7 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

D607,843 S *	1/2010	Borax	D13/162
D621,513 S *	8/2010	Cinqualbre	D24/185
D647,880 S *	11/2011	Huber	D14/217
D661,291 S *	6/2012	Renukanand	D14/307
D666,160 S *	8/2012	Adenau	D13/164
D812,576 S *	3/2018	Gustavsson	D13/164
D868,055 S *	11/2019	Benic	D14/307

* cited by examiner



FIG. 1



FIG. 2



FIG. 3

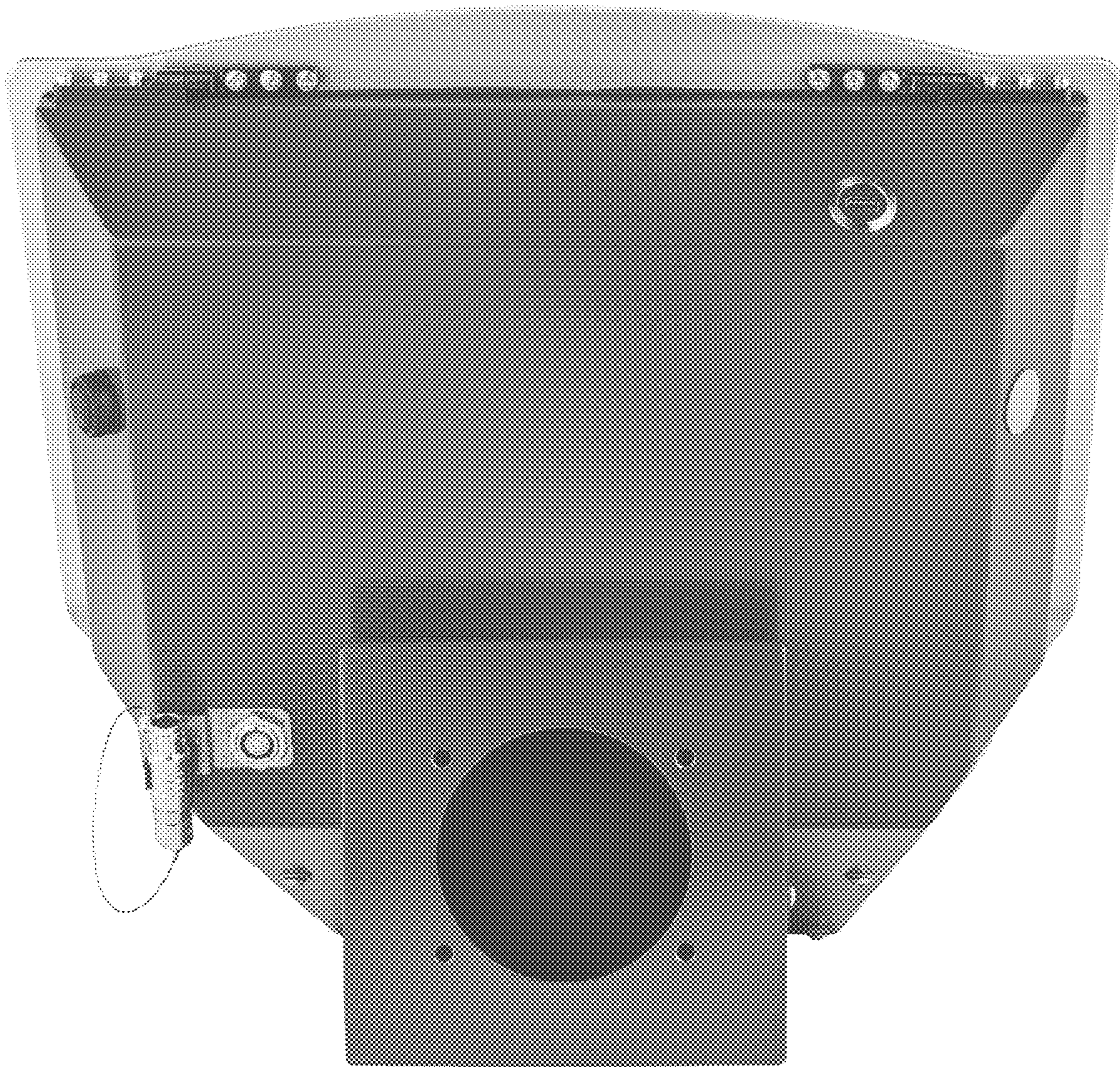


FIG. 4



FIG. 5



FIG. 6



FIG. 7