

Nov. 19, 1968

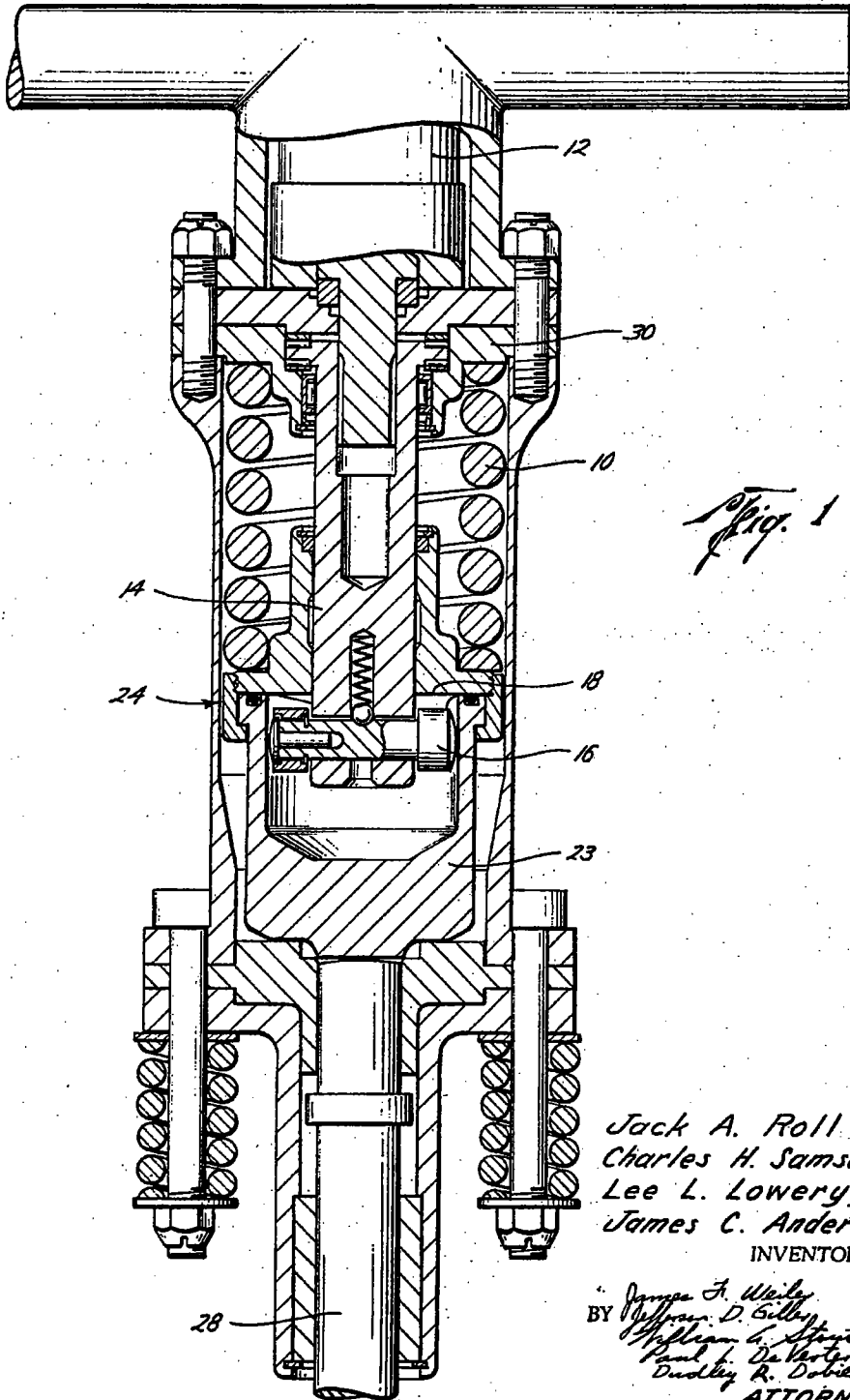
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*Fig. 1*

Jack A. Roll  
Charles H. Samson, Jr.  
Lee L. Lowery, Jr.  
James C. Anderson  
INVENTORS

BY *James F. Wiley*  
*William D. Gilling*  
*William C. Spont*  
*Paul F. DeWitt, Jr.*  
*Dudley R. Doherty, Jr.*  
ATTORNEYS

Nov. 19, 1968

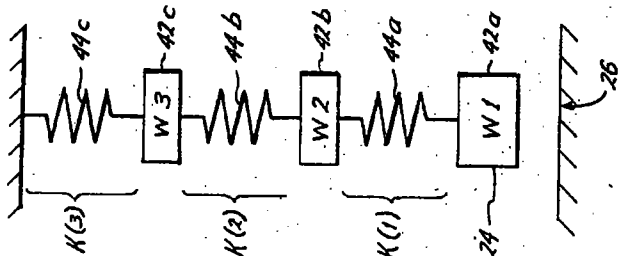
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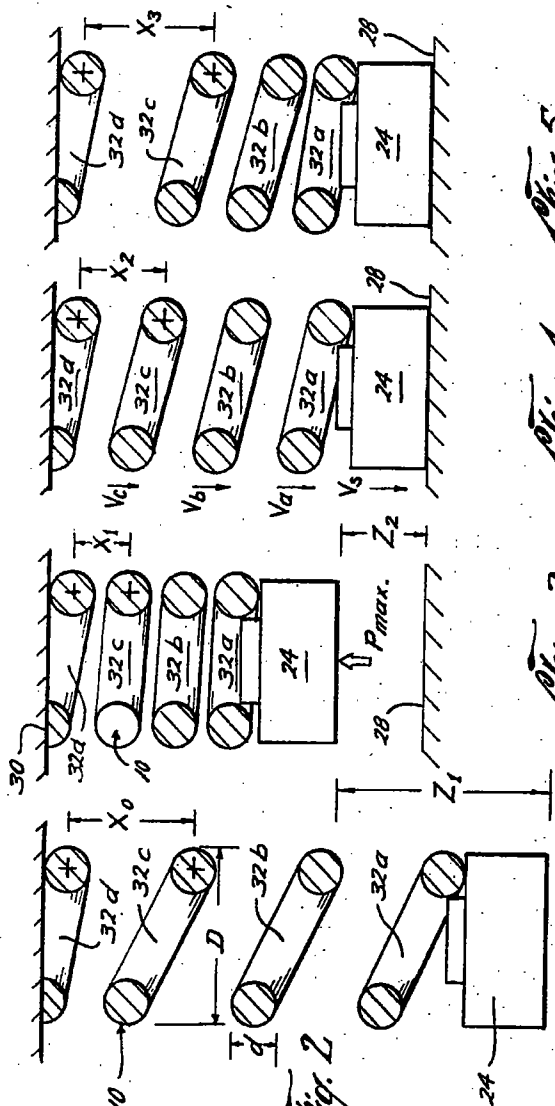
COIL POWER SPRING IMPACT MECHANISM

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*Fig. 6*



*Fig. 5*

*Fig. 4*

*Fig. 3*

*Fig. 2*

Jack A. Roll  
 Charles H. Samson, Jr.  
 Lee L. Lowery, Jr.  
 James C. Anderson

INVENTORS

BY *James F. Wicks*  
*Jefferson D. Gilley*  
*William C. Stewart*  
*Paul H. DeWester II*  
*Dudley R. Dobie Jr.*  
 ATTORNEYS

Nov. 19, 1968

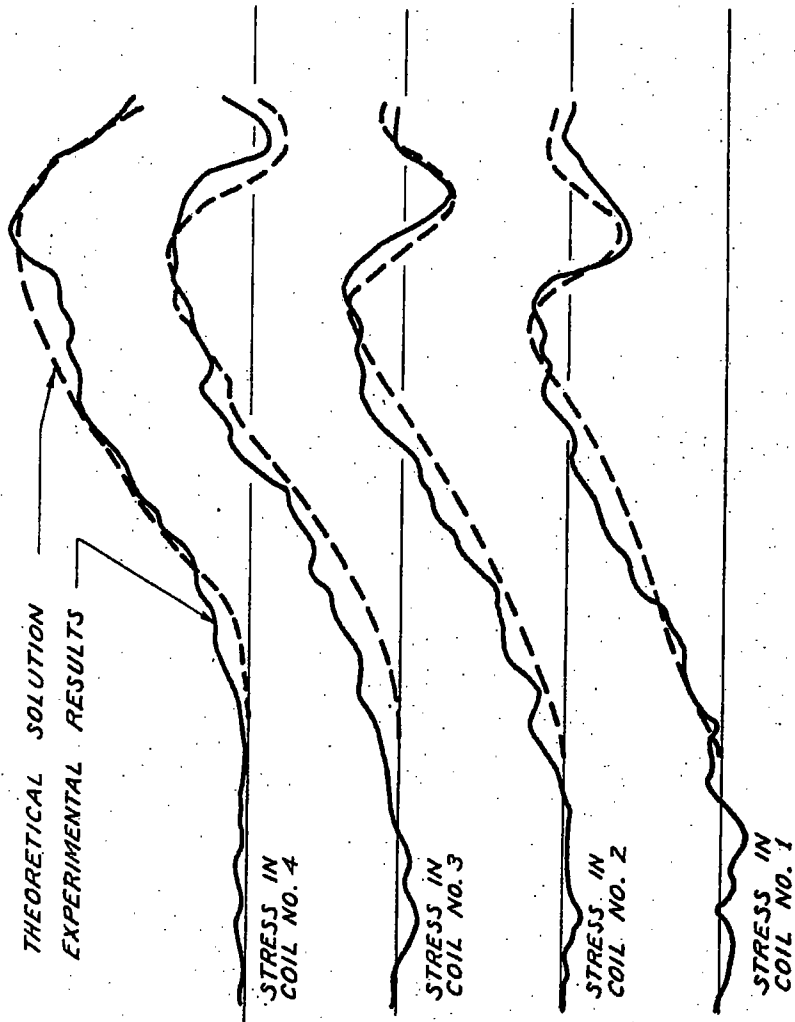
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COIL POWER SPRING IMPACT MECHANISM

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*Fig. 7*

Jack A. Roll  
Charles H. Samson, Jr.  
Lee L. Lowery, Jr.  
James C. Anderson

INVENTORS

BY *James F. Heiber*  
*Jefferson D. Gilber*  
*William C. Gilbert*  
*Paul F. De Vante, III*  
*Dudley R. De Vante, Jr.*  
ATTORNEYS

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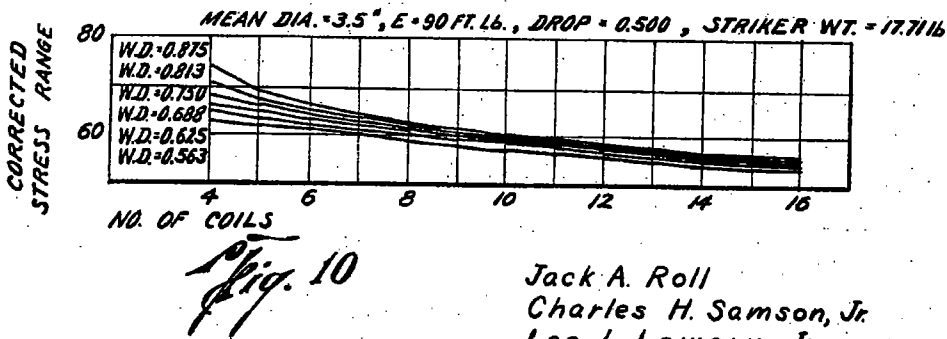
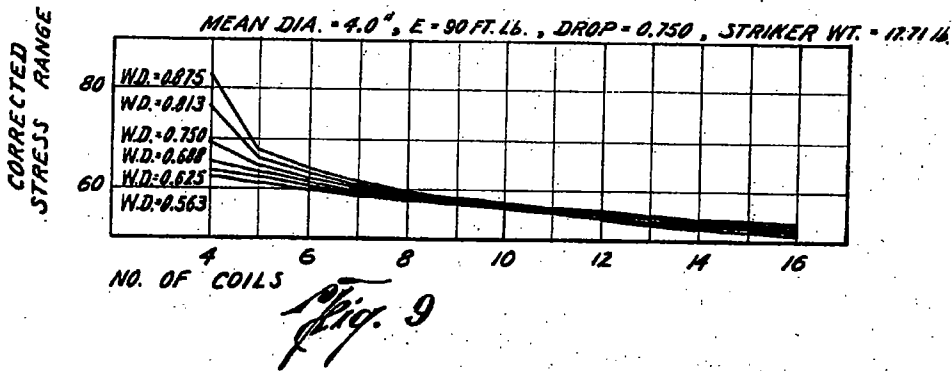
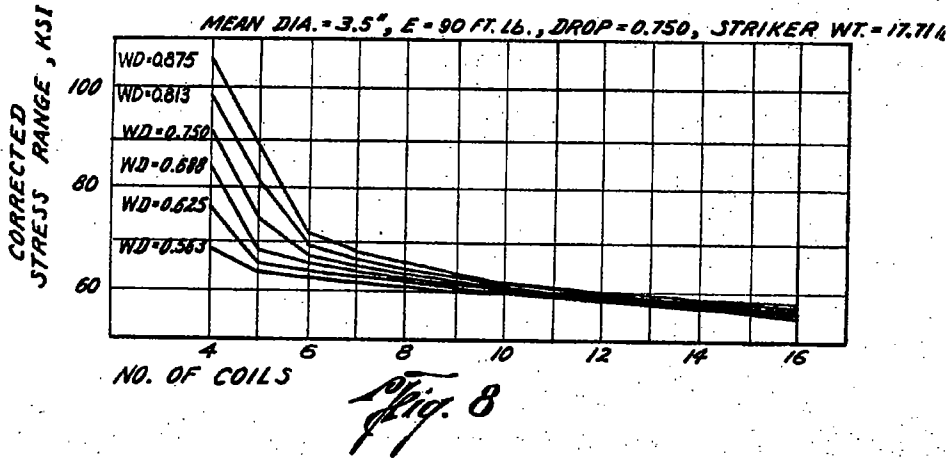
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Jack A. Roll  
 Charles H. Samson, Jr.  
 Lee L. Lowery, Jr.  
 James C. Anderson  
 INVENTORS

BY *James F. Miller*  
*Jefferson D. Giffis*  
*William C. Hunt*  
*Paul J. De Vostert*  
*Dudley R. Davis Jr.*  
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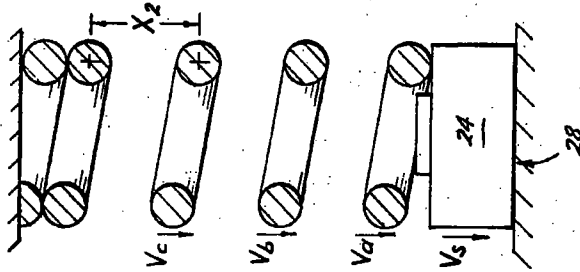
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COIL POWER SPRING IMPACT MECHANISM

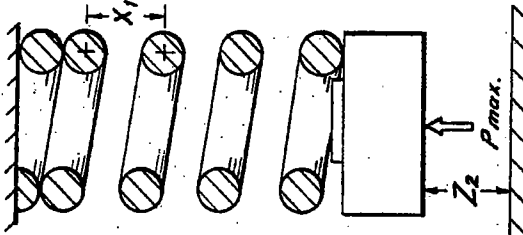
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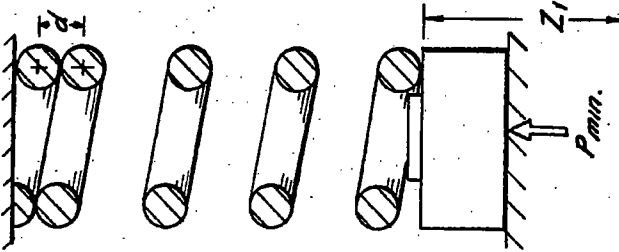
*Fig. 14*



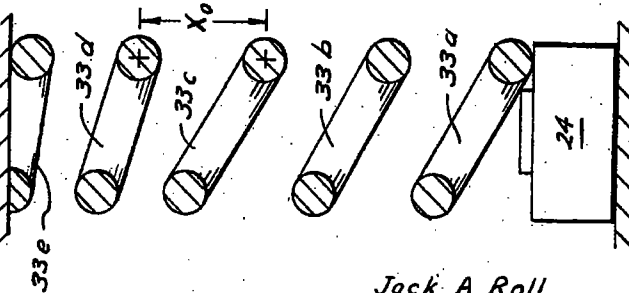
*Fig. 13*



*Fig. 12*



*Fig. 11*



Jack A. Roll  
 Charles H. Samson, Jr.  
 Lee L. Lowery, Jr.  
 James C. Anderson

INVENTORS

BY *James F. Hunter*  
*Jefferson D. Gillet*  
*William R. Street*  
*Paul T. De Venter*  
*Dudley A. Dobie, Jr.*  
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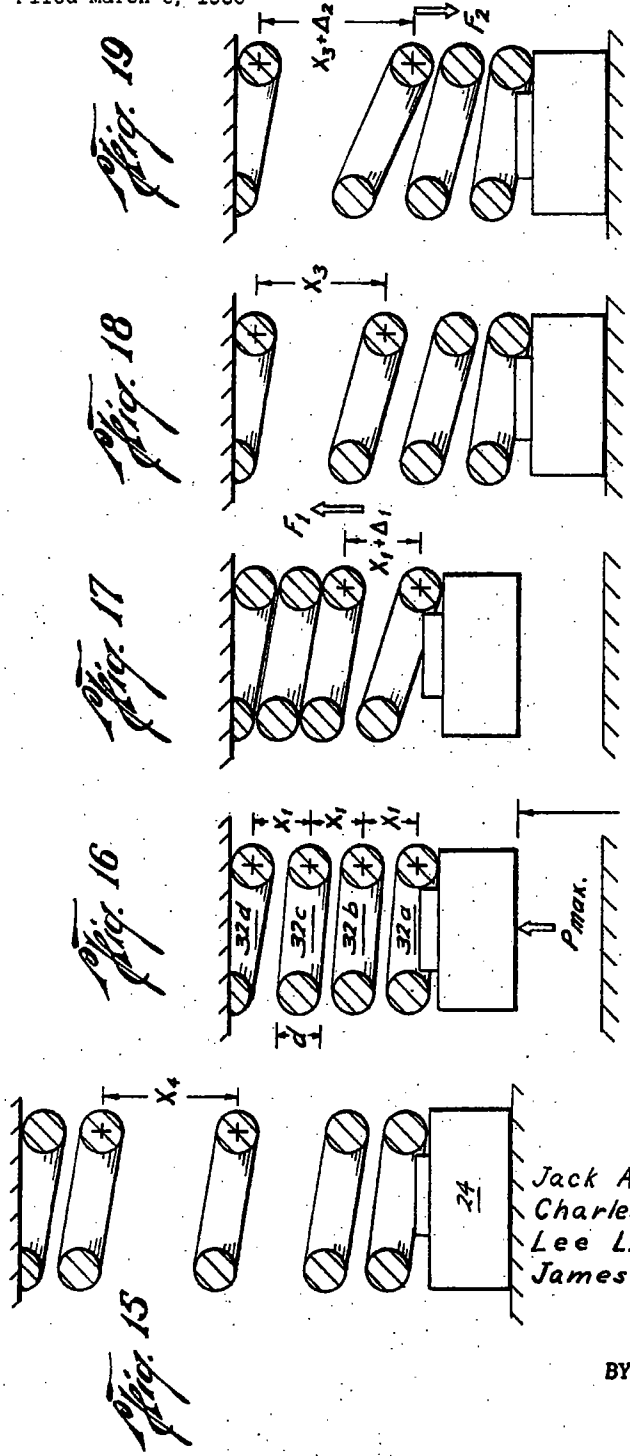
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Jack A. Roll  
 Charles H. Samson, Jr.  
 Lee L. Lowery, Jr.  
 James C. Anderson

INVENTORS

BY *James F. Weiler*  
*Jefferson D. Gilley*  
*William G. Stant*  
*Paul J. De Venter, Jr.*  
*Dwight R. Deibel, Jr.*  
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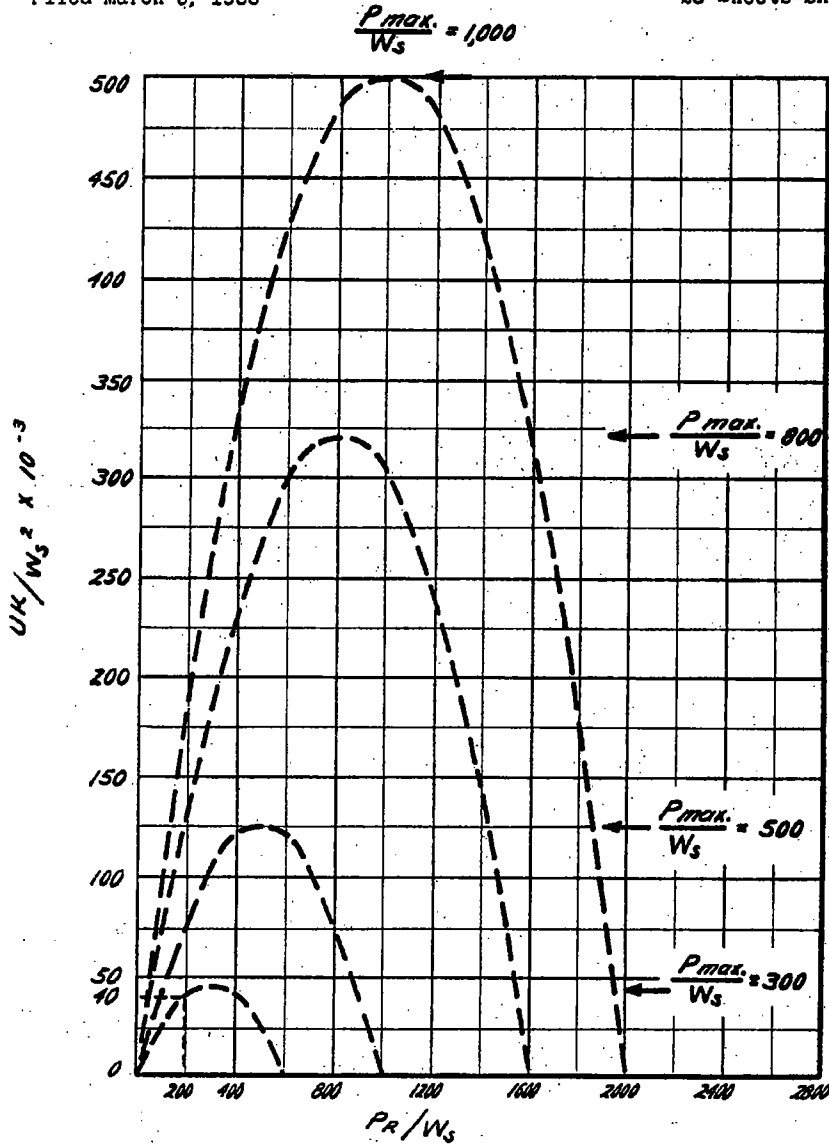
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*Fig. 20*

Jack A. Roll  
Charles H. Samson, Jr.  
Lee L. Lowery, Jr.  
James C. Anderson

INVENTORS

BY *James F. Weston*  
*William D. Geller*  
*William G. Stout*  
*Paul I. DeLortz*  
*Dwight A. Debie Jr.*  
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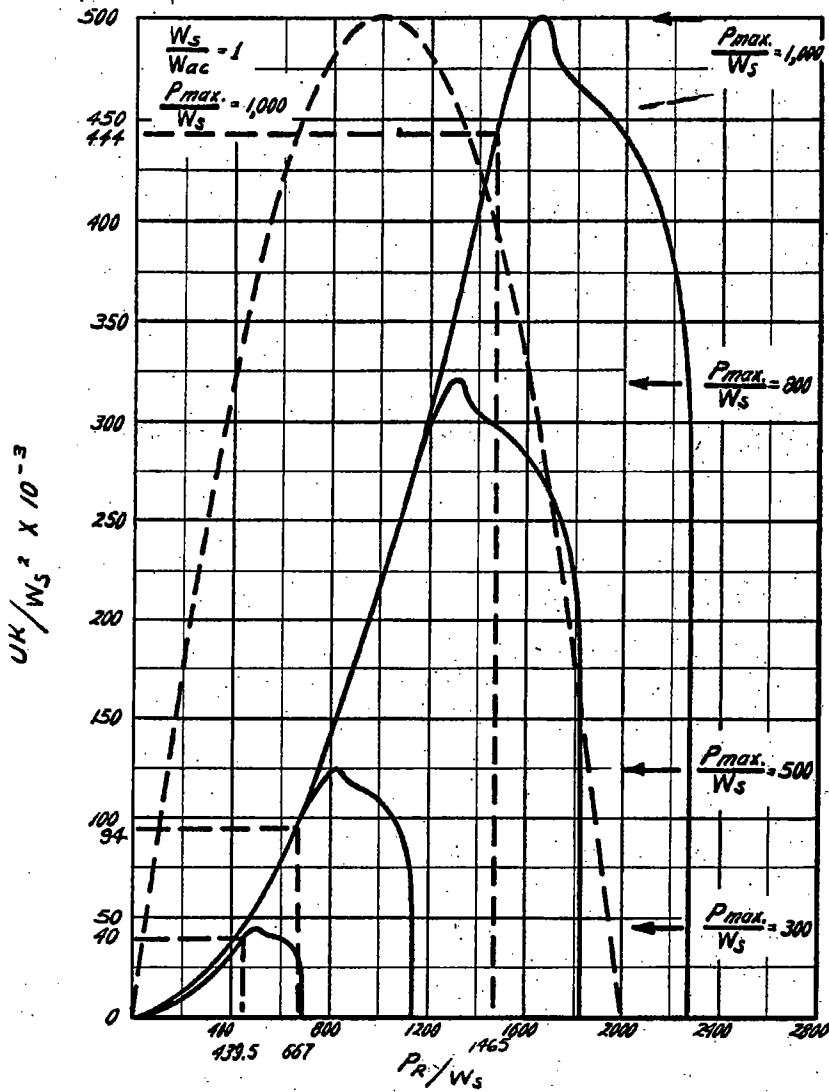
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*Fig. 21*

Jack A. Roll  
Charles H. Samson, Jr.  
Lee L. Lowery, Jr.  
James C. Anderson

INVENTORS

BY *James F. Walker*  
*William D. Gilpin*  
*William G. Stout*  
*Paul L. DeWitt*  
*Dudley R. Dobiefr.*  
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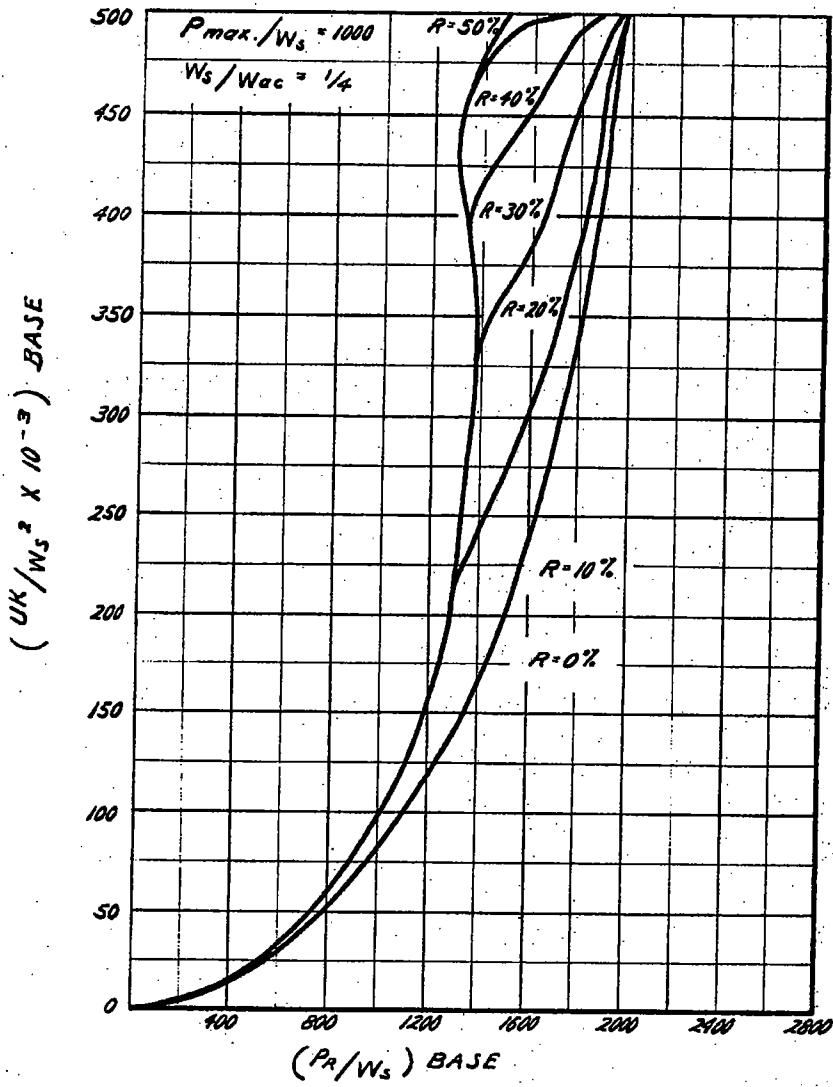
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*Fig. 22*

Jack A. Roll  
Charles H. Samson, Jr.  
Lee L. Lowery, Jr.  
James C. Anderson

INVENTORS

BY *James J. White*  
*Jefferson D. Gilpin*  
*William A. Hunt*  
*Paul L. DeWester, Jr.*  
*Dudley R. Tobie, Jr.*  
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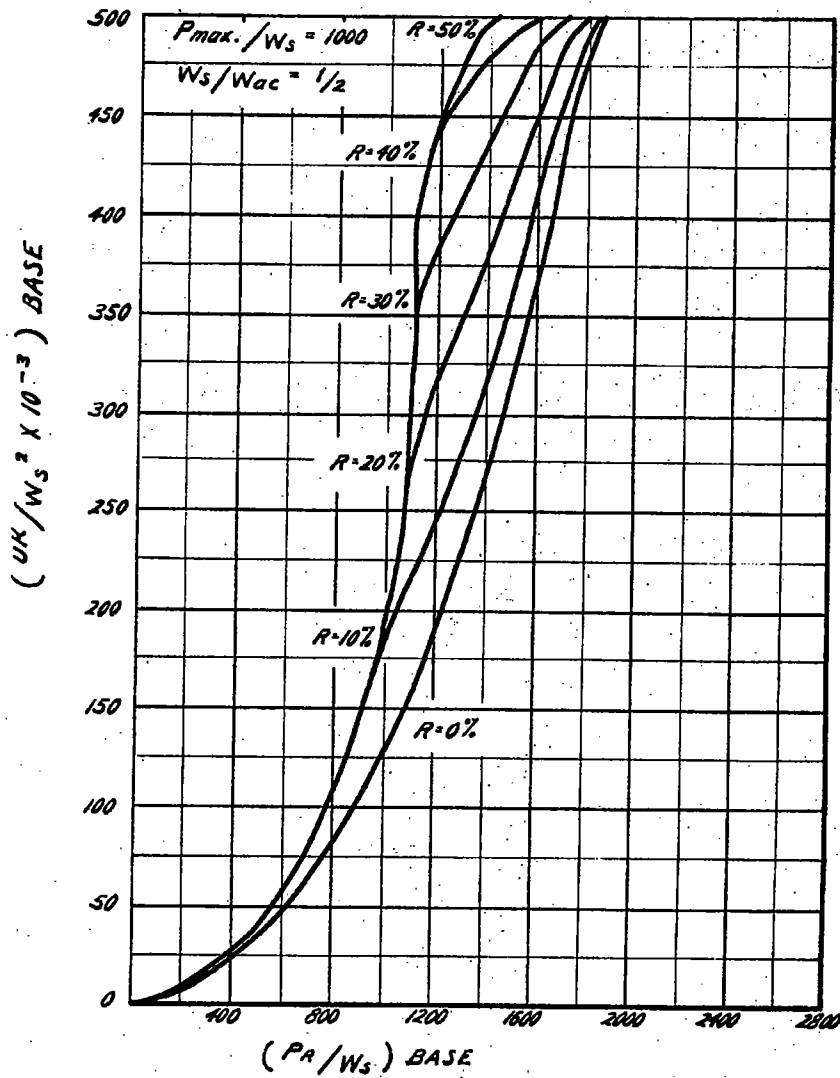
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*Fig. 23*

Jack A. Roll  
Charles H. Samson, Jr.  
Lee L. Lowery, Jr.  
James C. Anderson

INVENTORS

BY *James F. Uebler*  
*William D. Gillis*  
*William G. Stout*  
*Paul L. DeVoster, Jr.*  
*Dudley R. Dobie, Jr.*  
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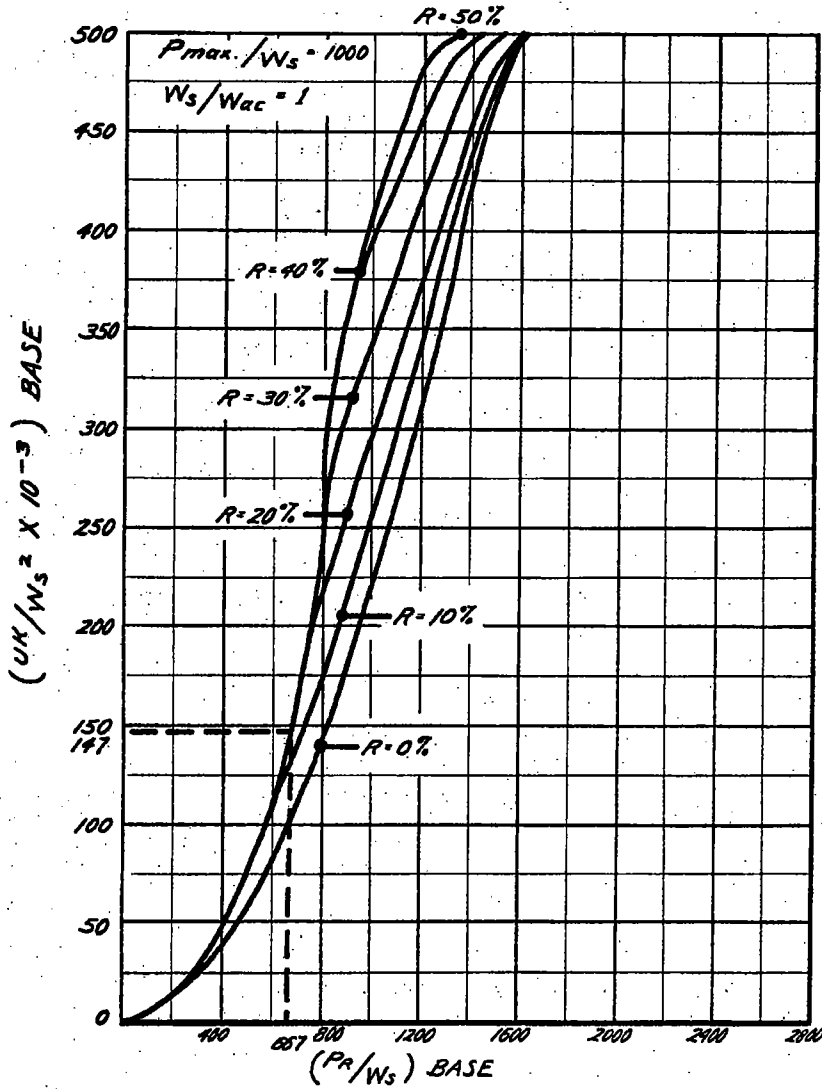
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*Fig. 2A*

Jack A. Roll  
Charles H. Samson, Jr.  
Lee L. Lowery, Jr.  
James C. Anderson

INVENTORS

BY *James F. Wiley*  
*William D. Gilley*  
*William G. Stout*  
*Paul J. De Voster, III*  
*Dudley R. Daboe, Jr.*  
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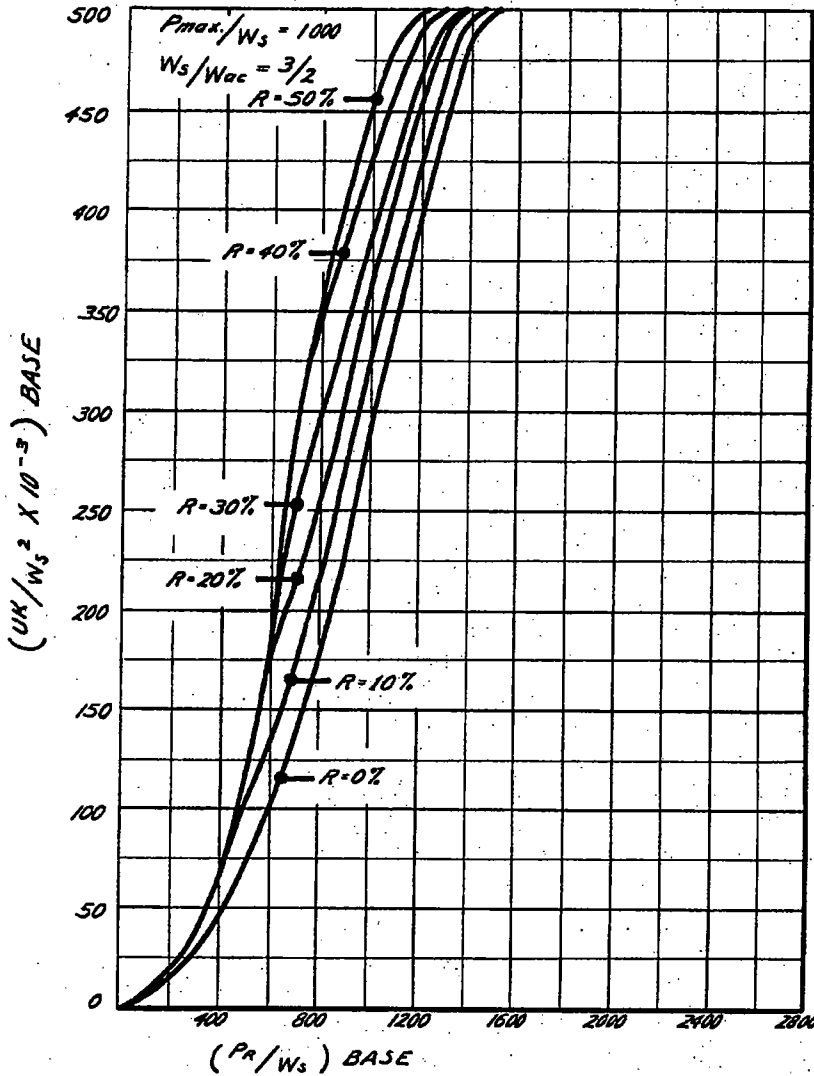
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*Fig. 25*

Jack A. Roll  
Charles H. Samson, Jr.  
Lee L. Lowery, Jr.  
James C. Anderson

INVENTORS

BY *James A. Wailer*  
*Jefferson D. Giffen*  
*William A. Stout*  
*Paul L. DeVetter, Jr.*  
*Dudley R. Dobie, Jr.*  
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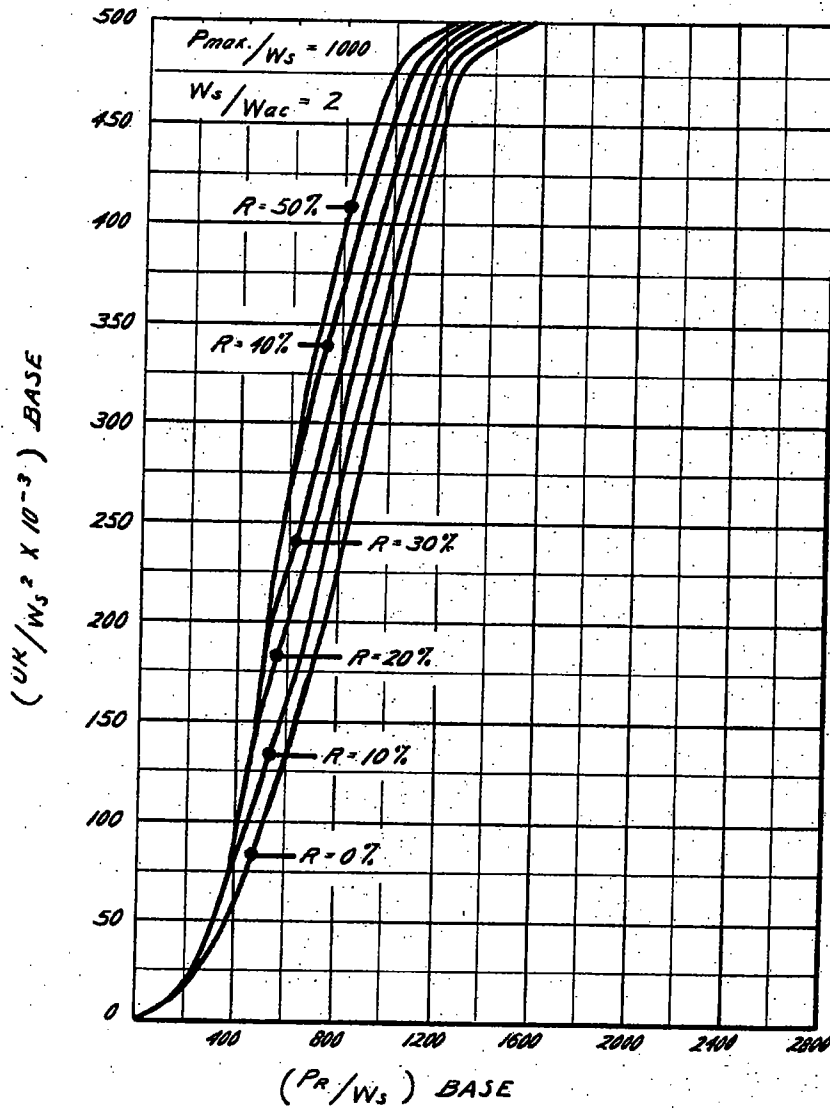
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*Fig. 26*

Jack A. Roll  
Charles H. Samson, Jr.  
Lee L. Lowery, Jr.  
James C. Anderson

INVENTORS

BY *James F. Weiler*  
*Jefferson D. Gifford*  
*William C. Stout*  
*Paul L. Doobler II*  
*Dudley R. Dobie Jr.*  
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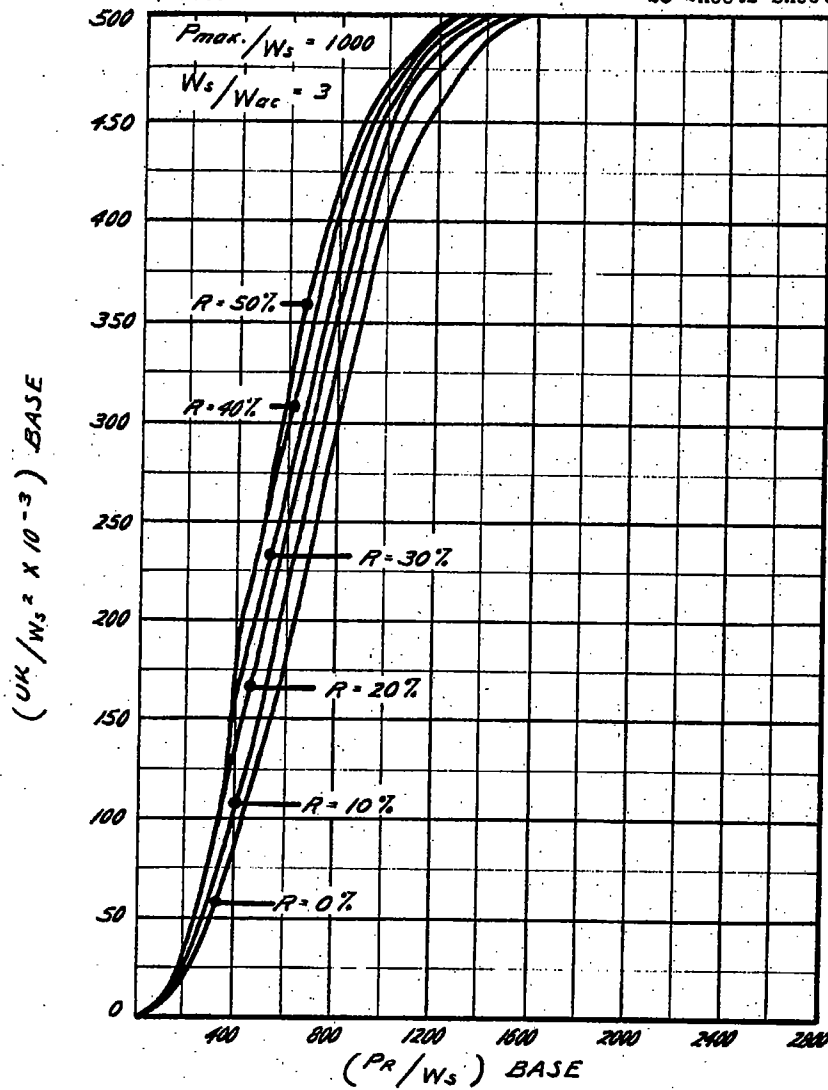
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*Fig. 27*

Jack A. Roll  
Charles H. Samson, Jr.  
Lee L. Lowery, Jr.  
James C. Anderson

INVENTORS

BY *James F. Shaker*  
*William D. Giffey*  
*William C. J. Jansit*  
*Paul J. DeKortor II*  
*Dudley R. Debie Jr.*  
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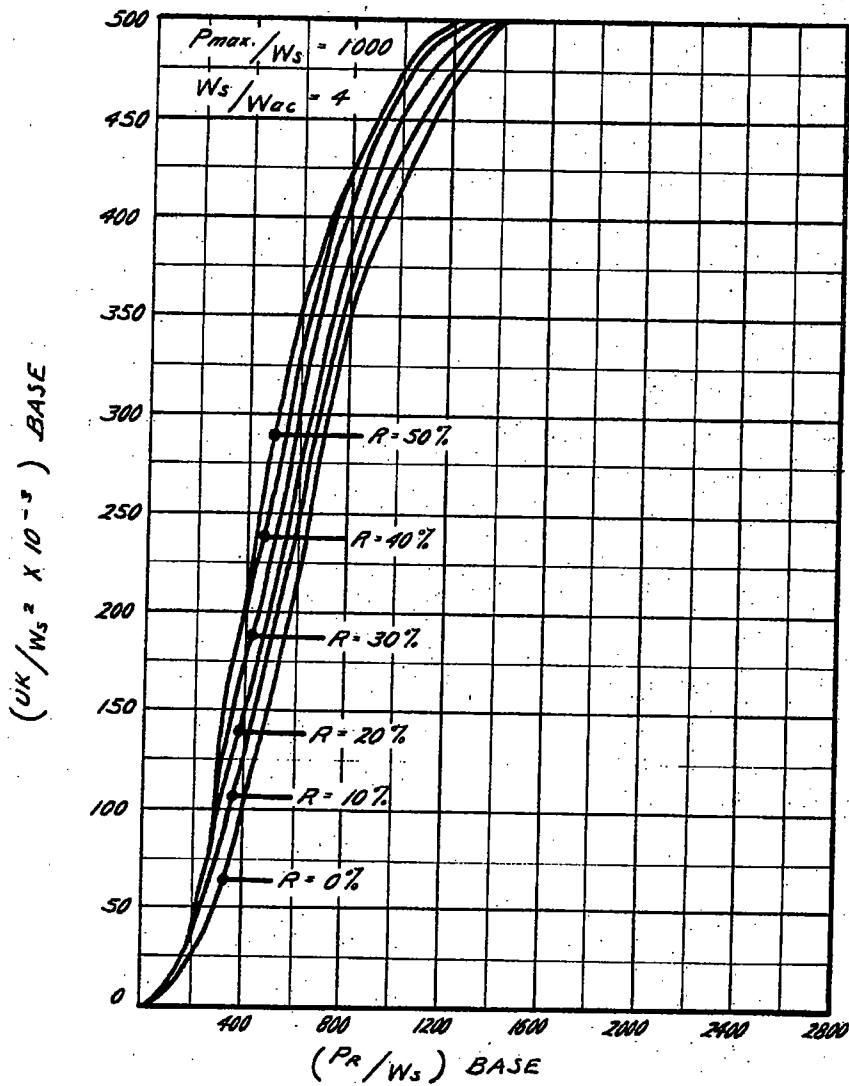
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COIL POWER SPRING IMPACT MECHANISM

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*Fig. 28*

Jack A. Roll  
Charles H. Samson, Jr.  
Lee L. Lowery, Jr.  
James C. Anderson

INVENTORS

BY *James F. Weiler*  
*Jefferson D. Gilley*  
*William C. Hunt*  
*Paul L. DeWester II*  
*Dudley R. Dobie Jr.*  
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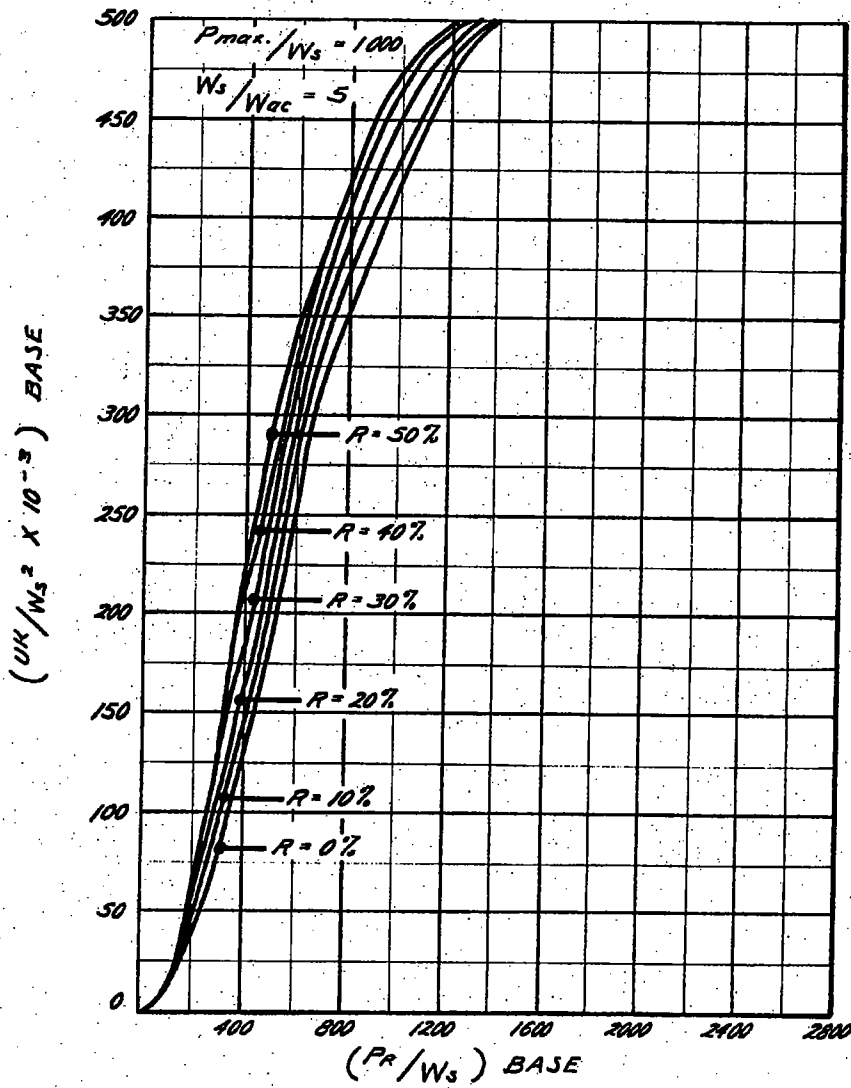


Fig. 29

Jack A. Roll  
Charles H. Samson, Jr.  
Lee L. Lowery, Jr.  
James C. Anderson

INVENTORS

BY James F. Wailer  
Jefferson D. Gilley  
William C. Stout  
Paul L. DeWester Jr.  
Dudley R. Dobie Jr.

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Nov. 19, 1968

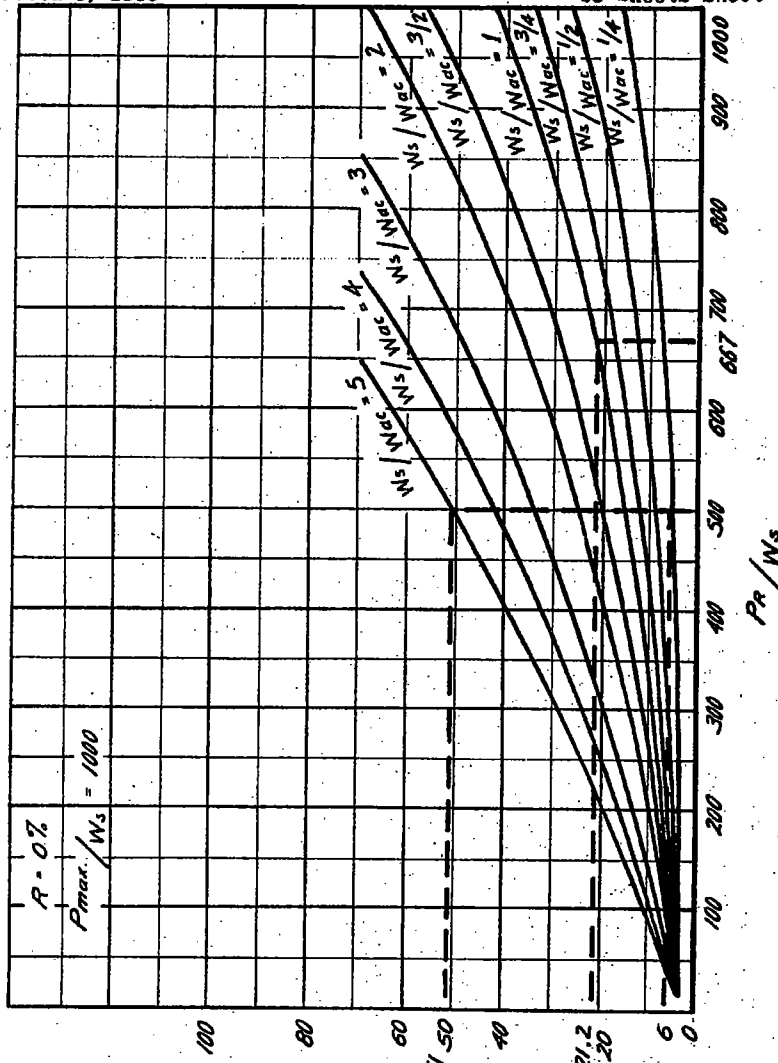
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COIL POWER SPRING IMPACT MECHANISM

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CONVENTIONAL U

*Fig. 30*

Jack A. Roll  
Charles H. Samson, Jr.  
Lee L. Lowery, Jr.  
James C. Anderson

INVENTORS

BY *James F. Wiley*  
*William D. Gilfo*  
*William C. Hoyt*  
*Paul L. DePorter Jr.*  
*Dudley R. Dobson Jr.*  
ATTORNEYS

Nov. 19, 1968

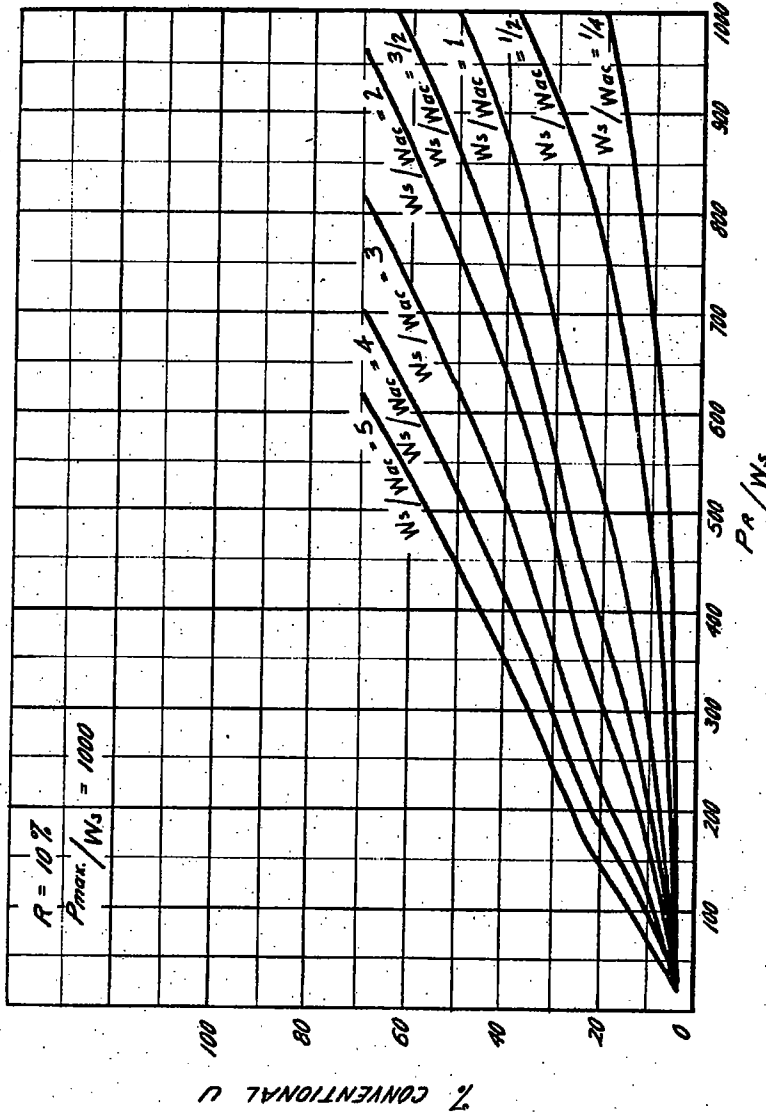
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COIL POWER SPRING IMPACT MECHANISM

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*Fig. 31*

Jack A. Roll  
Charles H. Samson, Jr.  
Lee L. Lowery, Jr.  
James C. Anderson

INVENTORS

BY *James F. Weiler*  
*Jefferson D. Gilley*  
*William G. Stout*  
*Paul J. DeKorty II*  
*Dudley R. Dolbe Jr.*  
ATTORNEYS

