

UNITED STATES PATENT AND TRADEMARK OFFICE

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BEFORE THE PATENT TRIAL AND APPEAL BOARD

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VANGUARD PRODUCTS GROUP, INC., D/B/A VANGUARD PROTEX  
GLOBAL

Petitioner

v.

INVUE SECURITY PRODUCTS, INC.

Patent Owner

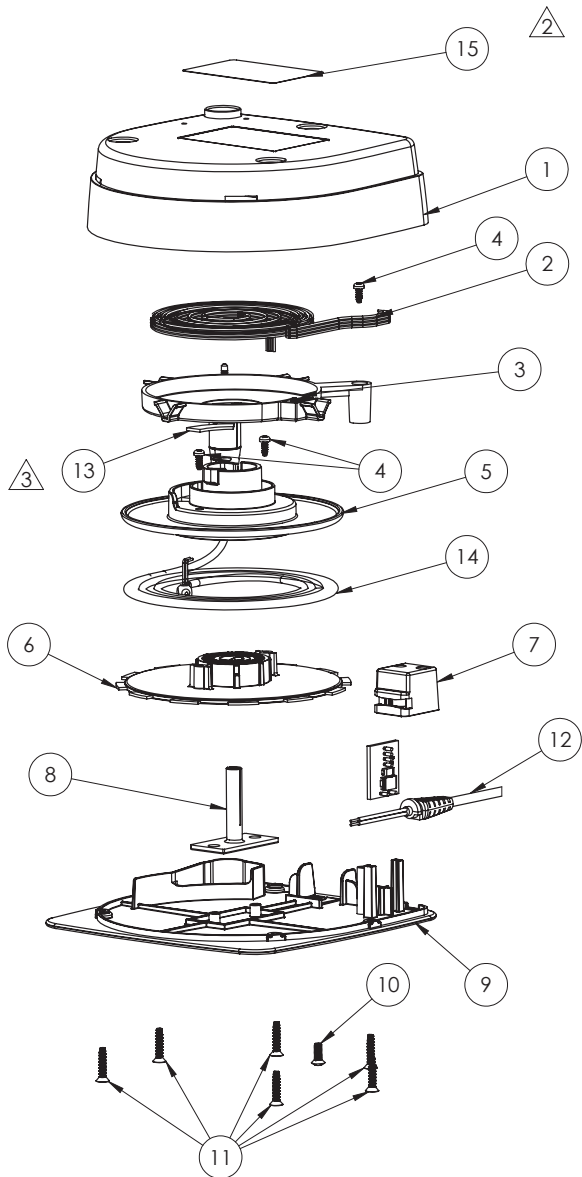
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Case No.: IPR2020-00069  
U.S. Patent No. 10,043,358

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**S1500 RECOILER DRAWINGS**

**EXHIBIT 2006**



REVISIONS

| REV | DESCRIPTION | DATE | BY | CHKD |
|-----|-------------|------|----|------|
|     |             |      |    |      |
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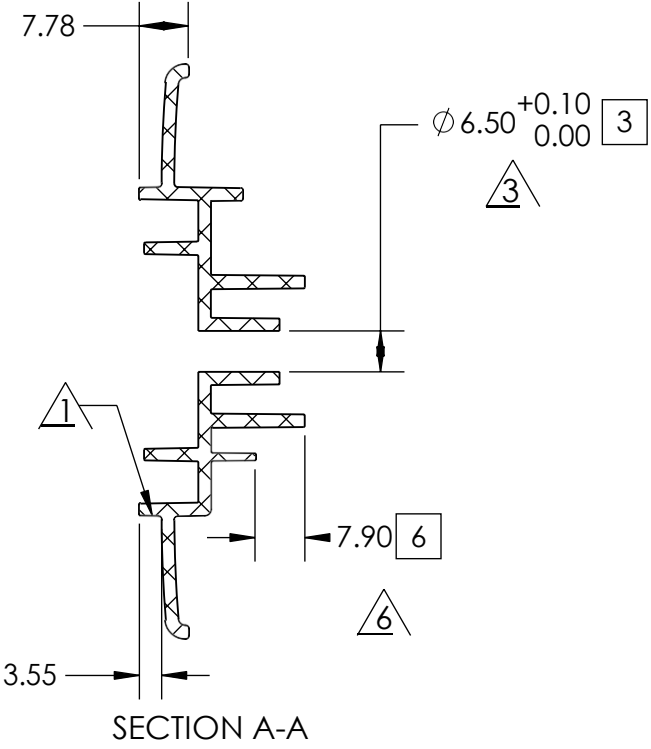
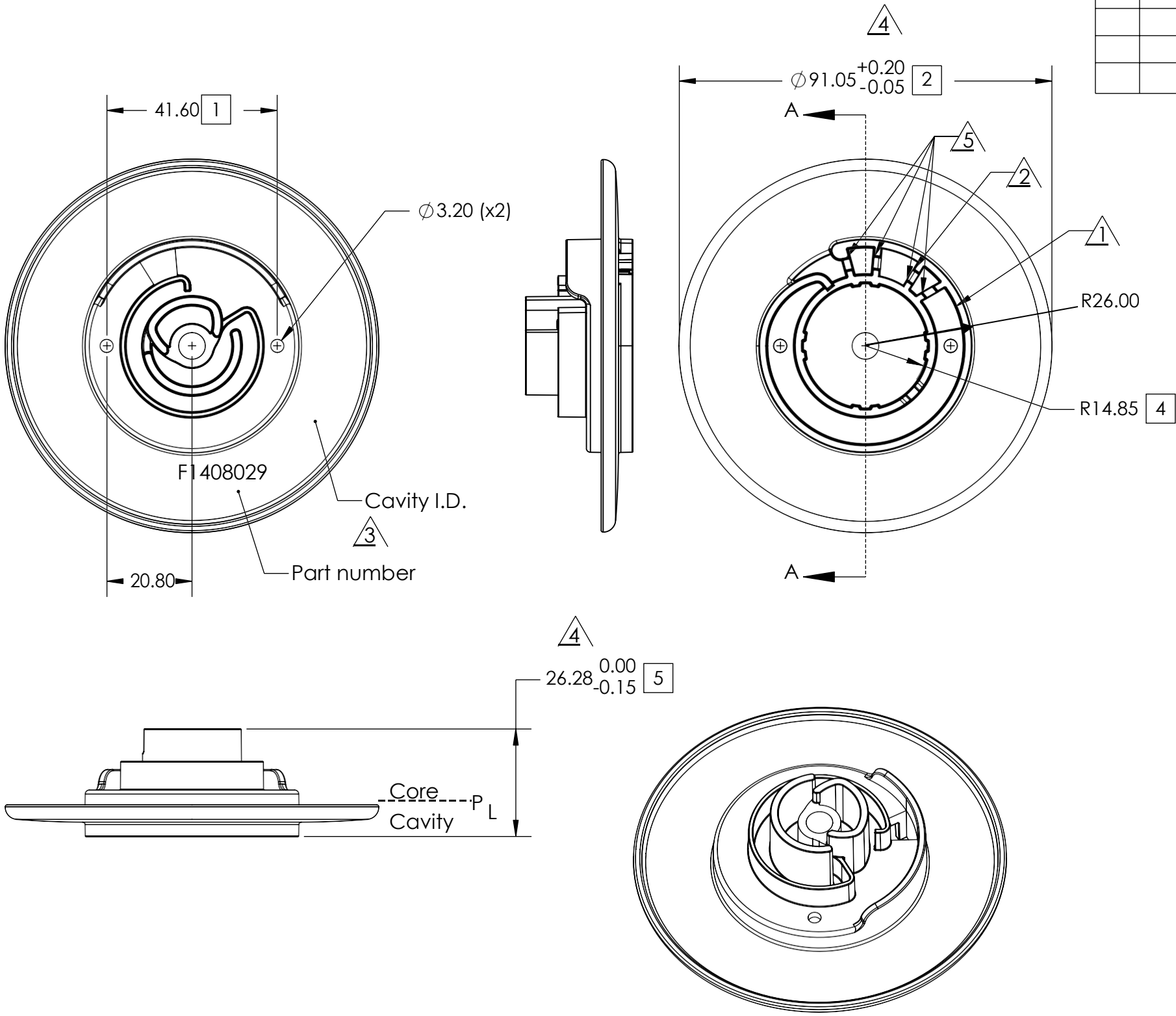
| TOLERANCE TABLE (MM)<br>UNLESS OTHERWISE SPECIFIED |           |
|----------------------------------------------------|-----------|
| DIMENSION                                          | TOLERANCE |
| L ≤ 5                                              | ±0.10     |
| 5 < L ≤ 20                                         | ±0.15     |
| 20 < L ≤ 65                                        | ±0.25     |
| 65 < L ≤ 150                                       | ±0.35     |
| 150 < L                                            | ±0.50     |
| ANGLES                                             | ±2        |

|                                                                                                                                                                                                                                                                                                                                                                      |                               |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| <b>inVue</b><br>InVue Security Products<br>15015 Lancaster Hwy<br>Charlotte, NC 28277<br>Phone: 704-752-6513<br>e-FAx: 704-943-1528                                                                                                                                                                                                                                  |                               |
| PROPRIETARY AND CONFIDENTIAL<br>THIS DRAWING IS PROPERTY OF INVUE SECURITY PRODUCTS, INC. AND IS LOANED UPON<br>CONDITION THAT IT IS NOT TO BE REPRODUCED OR COPIED IN WHOLE OR IN PART, OR USED FOR<br>FURNISHING INFORMATION TO OTHERS, OR FOR ANY OTHER PURPOSE DETRIMENTAL TO THE<br>INTEREST OF INVUE SECURITY PRODUCTS, INC. AND WILL BE RETURNED UPON REQUEST |                               |
| TITLE<br><b>Recoiler assembly<br/>S1500</b>                                                                                                                                                                                                                                                                                                                          |                               |
| PROJECT NO.<br><b>F1408</b>                                                                                                                                                                                                                                                                                                                                          | ENGINEER<br><b>WJB</b>        |
| UNITS<br><b>MM</b>                                                                                                                                                                                                                                                                                                                                                   | MASS (GRAMS)<br><b>244.18</b> |
| DRAWING NO.<br><b>F1408121</b>                                                                                                                                                                                                                                                                                                                                       |                               |

| ITEM NO. | DESCRIPTION                                                                                                         |  |  |  |
|----------|---------------------------------------------------------------------------------------------------------------------|--|--|--|
| 1        | Recoiler housing assembly                                                                                           |  |  |  |
| 2        | Recoiler flat cable                                                                                                 |  |  |  |
| 3        | Electrical spool                                                                                                    |  |  |  |
| 4        | M2.5x1.4 6mm Length, Pastite 45 Thread-Forming Screw, Zinc-Plated Steel, T8 Drive                                   |  |  |  |
| 5        | Recoiler spool, upper                                                                                               |  |  |  |
| 6        | Recoiler spring assembly                                                                                            |  |  |  |
| 7        | yBuy housing                                                                                                        |  |  |  |
| 8        | Recoiler spring arbor                                                                                               |  |  |  |
| 9        | Recoiler cover                                                                                                      |  |  |  |
| 10       | M3x.5, 8mm Length, Oval head machine screw, Bright Zinc Plated Steel #1 Phillips Drive                              |  |  |  |
| 11       | M3 x 1.5 - 12mm long, plastite 45, pan head thread forming plastic security screw, T10 Pin-forx, black oxide, steel |  |  |  |
| 12       | Main recoiler PCB assembly                                                                                          |  |  |  |
| 13       | 3M 4949 VHB Adhesive, 6mm x 14mm Rectangle                                                                          |  |  |  |
| 14       | S1510 Main Cable Assembly, Long Length                                                                              |  |  |  |
| 14       | Main cable assembly, Long length                                                                                    |  |  |  |
| 14       | Main cable assembly, Standard length                                                                                |  |  |  |
| 15       | Recoiler Label, Long Cable                                                                                          |  |  |  |
| 15       | Recoiler Label, Standard Cable                                                                                      |  |  |  |
| 16       | S1510 Recoiler Label, Long Cable                                                                                    |  |  |  |
| 17       | O-ring, #013, Buna-N 70A, 1.78mm thick x 10.82mm ID, Black                                                          |  |  |  |



|                                                                                                                                                                                                                                                                                                                                                                             |  |                                                                                                                     |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------------------------------------|--|
|                                                                                                                                                                                                                                                                                        |  | InVue Security Products<br>15015 Lancaster Hwy<br>Charlotte, NC 28277<br>Phone: 704-752-6513<br>e-FAX: 704-943-1528 |  |
| <small>PROPRIETARY AND CONFIDENTIAL</small><br>THIS DRAWING IS PROPERTY OF INVUE SECURITY PRODUCTS, INC. AND IS LOANED UPON CONDITION THAT IT IS NOT TO BE REPRODUCED OR COPIED IN WHOLE OR IN PART, OR USED FOR FURNISHING INFORMATION TO OTHERS, OR FOR ANY OTHER PURPOSE DETRIMENTAL TO THE INTEREST OF INVUE SECURITY PRODUCTS, INC. AND WILL BE RETURNED UPON REQUEST. |  |                                                                                                                     |  |
| <b>TITLE</b><br>Recoiler assembly<br>S1500                                                                                                                                                                                                                                                                                                                                  |  |                                                                                                                     |  |
| PROJECT NO.<br><b>F1408</b>                                                                                                                                                                                                                                                                                                                                                 |  | ENGINEER<br><b>WJB</b>                                                                                              |  |
| UNITS<br><b>MM</b>                                                                                                                                                                                                                                                                                                                                                          |  | DRAWING NO.<br><b>F1408121</b>                                                                                      |  |
| MASS (GRAMS)<br><b>244.23</b>                                                                                                                                                                                                                                                                                                                                               |  | SHEET 2 OF 3                                                                                                        |  |



| TOLERANCE TABLE (MM)       |           |
|----------------------------|-----------|
| UNLESS OTHERWISE SPECIFIED |           |
| DIMENSION                  | TOLERANCE |
| 1-5                        | ±0.10     |
| 5 < L ≤ 20                 | ±0.15     |
| 20 < L ≤ 65                | ±0.25     |
| 65 < L ≤ 150               | ±0.50     |
| 150 < L                    | ±1.00     |
| ANGLES                     | ±2°       |

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TITLE

Recoiler spool, upper  
S1500

PROJECT NO. ENGINEER  
F1408 WJB

DESIGNER  
BELL

UNITS MASS (GRAMS)

31.58

DRAWING NO.

F1408029

MM

SHEET 1 OF 1