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DISPENSER WITH A CUTTING EDGE AND A METHOD OF FORMING THE DISPENSER

Abstract

A dispenser that includes a first housing in which sheet material is arrangeable and a second housing and a method of forming the same. The first housing is arrangeable within the second housing and includes a cutting edge that is configured to cut a desired length of the sheet material. A spinner can be incorporated into the first housing to aid in the rotation and forward and rearward movement of sheet paper.

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Background/Summary

CROSS-REFERENCE TO RELATED APPLICATION [0001] This patent application claims benefit to U.S. Provisional Patent Application No. 63/551,775, filed Feb. 9, 2024 and U.S. Provisional Patent Application No. 63/632,667, filed Apr. 11, 2024, which are hereby incorporated by reference in their entirety as part of the present disclosure.

FIELD OF THE INVENTION

[0002] The present disclosure generally relates to a dispenser and more specifically to packaging in which sheet material is arrangeable therein and dispensable therefrom, and that includes a cutting edge that is configured to cut a desired length of the sheet material.

BACKGROUND OF THE INVENTION

[0003] Dispensers configured for supplying sheet material from a roll arranged in a dispenser are known. In general, rolling paper is also known. Rolling paper is predominantly offered for sale in standard, pre-cut sizes. Precut rolling paper lacks the ability to customize the length of a sheet of material. As a result, users are constrained to the predetermined dimensions provided by manufacturers, leading to potential wastage or inconvenience for those requiring specific lengths. The one-size-fits-all approach is a notable limitation in the industry, often resulting in a compromise on the user's part. Moreover, the need to purchase multiple sizes of precut rolling paper to suit different preferences adds to consumer expenses and is less environmentally friendly. As such, there is a need for a more personalized and efficient way to obtain any desired length of rolling paper.

SUMMARY OF THE INVENTION

[0004] In an embodiment the present disclosure is directed to a dispenser comprising a first housing, a second housing, the first housing being arrangeable within the second housing, and a cutting edge fixed to one of the first housing and the second housing and extending therefrom. The cutting edge can extend beyond one of the first housing or second housing.

[0005] The first housing can include a base, a first sidewall extending from a first side of the base, a second sidewall that is spaced from the first sidewall, extending from a second side of the base, a third sidewall extending from a third side of the base, between a first end of the first sidewall and a first end of the second sidewall, a fourth sidewall extending from a fourth side of the base, between a second end of the first sidewall and a second end of the second sidewall, and a top wall, the first sidewall, the second sidewall, the third sidewall and the fourth sidewall defining a cavity therebetween with the top wall configured to extend over the cavity. A tab can extend from the top wall of the first housing to aid in securing the top wall and sealing the cavity. The third or fourth sidewall can include an opening.

[0006] A wheel can be rotatably fixed to and extending from the opening in one of the third sidewall and the fourth sidewall of the first housing. The wheel can include a cylindrical body and a rim at one end of the cylindrical body. The wheel can include a plurality of projections configured to aid in gripping and rotating the wheel.

[0007] The second housing can include a base, a first sidewall extending from the base, a second sidewall that is spaced from the first sidewall and extending from the base, a third sidewall extending from the base between a first end of the first sidewall and a first end of the second sidewall to delimit a first end of the second housing and a fourth sidewall extending from the base between a second end of the first sidewall and a second end of the second sidewall to delimit a second end of the second housing, the first sidewall, the second sidewall, the third sidewall and the fourth sidewall defining a cavity that is open at the top of the second housing. The first sidewall and the second sidewall can extend a distance from the base that is further than a distance the third sidewall and the fourth sidewall extend from the base of the second housing. One of the third

sidewall or the fourth sidewall can include a concave groove that extends from a top of the third sidewall or the fourth sidewall toward the base of the second housing. The groove allows for the wheel to extend past the second housing without contacting the second housing so as to be rotatable as desired. Alternatively, the second housing can include an opening through which the wheel can extend.

[0008] A sheet of tips can be fixable to a base of the first housing and, in an assembled state nested between the first housing and the second housing. Alternatively, an enclosure can be fixed to a base of the first housing that is configured to house sheet paper. The enclosure can include a bottom wall, a top wall that is spaced from the bottom wall, a first sidewall that extends longitudinally between the top wall and the bottom wall, a second sidewall that is spaced from the first sidewall and extends longitudinally between the top wall and the bottom wall and a third sidewall that extends transverse between the first sidewall and the second sidewall to delimit one end of the case, the top wall, the bottom wall and the sidewalls form a cavity with an opening at one end.

[0009] In another embodiment, the present disclosure can be directed to a method of forming a dispenser, comprising the following steps: providing a first housing having a cutting edge fixed thereto and extending therefrom and a second housing with the first housing; folding the first housing along fold line to create a first enclosure in which a roll of sheet material is arranged and extends therefrom; folding the second housing along fold lines to create a second enclosure; and arranging the first housing within the second housing.

Description

BRIEF DESCRIPTION OF THE DRAWINGS

[0010] FIG. 1 is a front perspective view of a dispenser with a cutting edge according to an embodiment of the present disclosure;

[0011] FIG. 2 is a second front perspective view of the dispenser of FIG. 1 with sheet material extending therefrom according to an embodiment of the present disclosure;

[0012] FIG. 3 is a top perspective view of the dispenser of FIG. 1 with sheet material extending therefrom according to an embodiment of the present disclosure;

[0013] FIG. 4 is a second top perspective view of the dispenser of FIG. 1 with sheet material being torn by the cutting edge according to an embodiment of the present disclosure;

[0014] FIG. 5 is a third top perspective view of the dispenser of FIG. 1 with sheet material fully torn at a desired length by the cutting edge according to an embodiment of the present disclosure;

[0015] FIGS. 6 and 7 are perspective views of a first housing of the dispenser of FIG. 1 with a plurality of tips releasably fixed to and extending from the housing of the dispenser according to an embodiment of the present disclosure;

[0016] FIG. 8 is a top view of a cut sheet of the exterior of the first housing of the dispenser according to an embodiment of the present disclosure;

[0017] FIG. 9 is a top view of a cut sheet of the interior of the first housing of the dispenser according to an embodiment of the present disclosure;

[0018] FIG. 10 is a top view of a cut sheet of the exterior of a second housing of the dispenser according to an embodiment of the present disclosure;

[0019] FIG. 11 is a top view of a cut sheet of the interior of the second housing of the dispenser according to an embodiment of the present disclosure;

[0020] FIG. 12 is a top view of a cut sheet of the exterior of a display box of the dispenser according to an embodiment of the present disclosure;

[0021] FIG. 13 is a perspective view of the first housing, tips and the second housing the first housing and the tip being arrangeable within the second housing of the dispenser according to an embodiment of the present disclosure;

[0022] FIG. **14** is a first assembly view of a dispenser with a cutting surface and rotatable wheel according to another embodiment of the present disclosure;

[0023] FIG. **15** is a second assembly view of the dispenser of FIG. **14** according to an embodiment of the present disclosure;

[0024] FIG. **16** is a front view of the dispenser of FIG. **14** according to another embodiment of the present disclosure;

[0025] FIG. **17** is a rear view of the dispenser of FIG. **14** according to an embodiment of the present disclosure;

[0026] FIG. **18** is a first side view of the dispenser of FIG. **14** according to an embodiment of the present disclosure;

[0027] FIG. **19** is a second side view of the dispenser of FIG. **14** according to an embodiment of the present disclosure;

[0028] FIG. **20** is a perspective view of the first housing of the dispenser of FIG. **14** according to an embodiment of the present disclosure;

[0029] FIG. **21** is a front view of the first housing of the dispenser of FIG. **14** according to an embodiment of the present disclosure;

[0030] FIG. **22** is a top view of the first housing of the dispenser of FIG. **14** according to an embodiment of the present disclosure;

[0031] FIG. **23** is a side view of the first housing of the dispenser of FIG. **14** according to an embodiment of the present disclosure;

[0032] FIGS. **24-27** are various views of a cutter of the dispenser of FIG. **14** according to an embodiment of the present disclosure;

[0033] FIGS. **28-31** are various views of a case affixed to the first housing of the dispenser of FIG. **14** according to an embodiment of the present disclosure;

[0034] FIG. **32** is a perspective view of the second housing of the dispenser of FIG. **14** according to an embodiment of the present disclosure;

[0035] FIG. **33** is a top view of the second housing of the dispenser of FIG. **14** according to an embodiment of the present disclosure;

[0036] FIG. **34** is a front view of the second housing of the dispenser of FIG. **14** according to an embodiment of the present disclosure;

[0037] FIG. **35** is a side view of the second housing of the dispenser of FIG. **14** according to an embodiment of the present disclosure;

[0038] FIGS. **36-39** are various views of a wheel arrangeable within the first housing of the dispenser of FIG. **14** according to an embodiment of the present disclosure;

[0039] FIG. **40** is a perspective view of the first housing and case of the dispenser of FIG. **14** according to an embodiment of the present disclosure;

[0040] FIG. **41** is a front view of the first housing and case of the dispenser of FIG. **14** according to an embodiment of the present disclosure;

[0041] FIG. **42** is a rear view of the first housing and case of the dispenser of FIG. **14** according to an embodiment of the present disclosure;

[0042] FIG. **43** is a bottom view of the case affixed to the first housing of the dispenser of FIG. **14** according to an embodiment of the present disclosure;

[0043] FIG. **44** is a first side view of the first housing and case of the dispenser of FIG. **14** according to an embodiment of the present disclosure;

[0044] FIG. **45** is a second side view of the first housing and case of the dispenser of FIG. **14** according to an embodiment of the present disclosure;

[0045] FIG. **46** is a front view of the second housing of the dispenser of FIG. **14** according to an embodiment of the present disclosure;

[0046] FIG. **47** is a rear view of the second housing of the dispenser of FIG. **14** according to an embodiment of the present disclosure;

[0047] FIG. **48** is a bottom view of the second housing of the dispenser of FIG. **14** according to an embodiment of the present disclosure;

[0048] FIG. **49** is a first side view of the second housing of the dispenser of FIG. **14** according to an embodiment of the present disclosure;

[0049] FIG. **50** is a second side view of the second housing of the dispenser of FIG. **14** according to an embodiment of the present disclosure;

[0050] FIG. **51** is a top view of the second housing of the dispenser of FIG. **14** according to an embodiment of the present disclosure;

[0051] FIG. **52** is a perspective top view of the second housing of the dispenser of FIG. **14** according to an embodiment of the present disclosure;

[0052] FIGS. **53** and **54** are top views of blanks of the first housing of the dispenser of FIG. **14** according to an embodiment of the present disclosure;

[0053] FIGS. **55** and **56** are top views of blanks of the second housing of the dispenser of FIG. **14** according to an embodiment of the present disclosure;

[0054] FIG. **57** is a top view of a blank of the case of the dispenser of FIG. **14** according to an embodiment of the present disclosure;

[0055] FIG. **58** is a side view of the cutting edge of the dispenser of FIG. **14** according to an embodiment of the present disclosure; and

[0056] FIG. **59** is a top view of a blank of a display box of the dispenser of FIG. **14** according to an embodiment of the present disclosure.

DETAILED DESCRIPTION OF EMBODIMENTS OF THE INVENTION

[0057] With reference now to the drawings and in particular FIGS. **1-59**, embodiments of a dispenser or dispenser, which are generally designated by reference numeral **10**, **100**, will be described.

[0058] FIGS. **1-7** illustrate the dispenser **10** in an assembled state. The dispenser **10** generally a first housing or first dispenser **12** and a second housing or second dispenser **14**, a cutting edge **16** extending from the first housing **12** and paper sheet **18** arranged within the first housing **12** and extendable and dispensable therefrom. The paper sheet **18** can, for example, be a roll of material, and can be comprised of rice paper (e.g. 13.5 GSM).

[0059] FIGS. **8-9** depict the first housing **12** in an unassembled state. FIGS. **10-11** depict the second housing **14** in an unassembled state. The first housing **12** is configured to be arrangeable within the second housing **14** such that the first housing **12** is nested within the second housing **14**.

[0060] The first housing **12** is a one-piece structure that includes a first sidewall **20**, a second sidewall **22**, a third sidewall **24**, a fourth sidewall **26**, a top **28** with a tab **30** extending therefrom, a bottom **32** with a tab **34** extending therefrom and a plurality of projections **36** extending from the first, second and fourth sidewalls **20**, **22**, **26** to aid in the formation of the housing **12** from a flat sheet of material that is cut, pressed or the like. A plurality of fold lines **38** delineate the locations where the sidewalls **20**, **22**, **24**, **26**, projections **36**, top **28** and associated tab **30** and the bottom **32** and associated tab **34** folded to form the first housing **12** or dispenser.

[0061] A strip **40** of material that includes the cutting edge **16** can be fixed to an inner surface **42** of the first sidewall **20** of the first housing **12**, near an upper edge **44** of the first sidewall **20** such that the cutting edge **16** extends beyond the first sidewall **20**. The cutting edge **16** includes a plurality of teeth **17** that are spaced equidistant from each other to form a serrated pattern. It is noted that while the cutting edge **16** is depicted as being serrated, the cutting edge **16** can be any known toothed and/or untoothed pattern. The strip **40** of material and/or cutting edge **16** can be comprised, for example, of a metal (e.g., aluminum), an alloy, composite, plastic (e.g., Polyvinyl chloride), etc. while the strip of material is shown fixed to the first housing **12**, it could alternatively be fixed to the second housing **14**.

[0062] The second housing **14** in an unassembled state. The second housing **14**, which can be a one-piece structure, generally includes a base **46**, a first sidewall **48**, a second sidewall **50**, a third

sidewall **52**, a fourth sidewall **54**. The base **46** is delimited by fold lines **56** defining a first edge **58**, a second edge **60**, a third edge **62** and a fourth edge **64**. The first sidewall **48** extends from the first edge **58** of the base **46** and has a first tab **66** that extends from a first side thereof, a second tab **68** that extends from a second side thereof and a third tab **70** that extends from a third side thereof. The first tab **66**, the second tab **68** and the third tab **70** each extend from the first sidewall **48** about fold lines **56**. The second sidewall **50** extends from the second edge **60** of the base **46** and includes a tab **72** that extends therefrom about a fold line **56**. The third sidewall **52** extends mirror opposite the first sidewall **48** the from the third edge **62** of the base **46** and has a first tab **74** that extends from a first side thereof, a second tab **76** that extends from a second side thereof and a third tab **78** that extends from a third side thereof. The first tab **74**, the second tab **76** and the third tab **78** each extend from the third sidewall **52** about fold lines **56**. The fourth sidewall **54** extends mirror opposite the second sidewall **50** from the fourth edge **64** of the base **46** and includes a tab **80** that extends therefrom about a fold line **56**.

[0063] The second housing **14** is formable by folding the sidewalls **48**, **50**, **52**, **54**, tabs **66**, **68**, **70** and projection along the fold lines. In an assembled state, the second housing includes an opening on one side with a cavity extending from the opening toward the base. The cutting edge **16** could be fixed to the first sidewall **48** or the second sidewall **50** of the second housing **14**.

[0064] As shown in FIGS. **6** and **7**, a plurality of tips **82** are fixably arranged to the first housing **12**. The tips **82** are fixed to the bottom **32**, for example, by an adhesive and to each other at one end thereof by an adhesive.

[0065] FIG. **12** shows a blank of a display box **84** for the dispenser **10**.

[0066] As can be seen, for example, in FIG. **13**, the first housing **12** is configured to nest within the cavity of the second housing **14**. The plurality of tips **82** that can extend from the first housing **12** can also nest within the cavity, beneath the first housing **12** to allow for easy access to the tips **82**.

[0067] FIGS. **14-17** illustrate the dispenser **100** in an assembled state. The dispenser **100** generally a first housing **102**, a second housing **104**, a cutting edge **106** extending from the first housing **102** and a wheel **108** that is arrangeable within an opening in the first housing **102**. The paper sheet **109** can, for example, be a roll of material, and can be comprised of rice paper (e.g., 13.5 GSM). As can be seen in FIGS. **14-17**, the first housing **102** is configured to nest within the cavity of the second housing **104**.

[0068] FIGS. **18** and **19** depict assembly views of the first housing **102** and the second housing **104**, which will both be described in more detail below.

[0069] FIGS. **20-23** depict various views of the first housing **102**. The first housing **102** can be a one-piece structure that includes a first sidewall **120**, a second sidewall **122** that is spaced from the first sidewall **120**, a third sidewall **124** that extends transverse at one end between the first sidewall **120** and the second sidewall **122**, a fourth sidewall **126** that extends transverse at and opposite end of the third sidewall **124** between the first sidewall **120** and the second sidewall **122**, a top **128** that can include a tab **130** that extends therefrom, a base **132** that can include a tab **134** extending therefrom and a plurality of projections **136** that can extend from the first, second and fourth sidewalls **120**, **122**, **126** to aid in the formation of the housing **102** from a flat sheet of material that is cut, pressed or the like.

[0070] The fourth sidewall **126**, as, for example, can be seen in FIGS. **20** and **23**, includes a through opening **140** through which a wheel **142** can be arranged so that the wheel can be contactable with paper sheet **109** that is arranged within the first housing **102**. Alternatively, the opening **140** could be formed in the third sidewall **124**. The wheel **108** is rotatable and configured to aid in the advancement and retraction of paper sheet **109** that is arranged within the first housing **102** and extendable and dispensable therefrom. As shown in FIGS. **36-39**, the wheel **108** can include a cylindrical body **142**, a rim **143** and a plurality of projections **145** that can aid in gripping and rotating the wheel.

[0071] As can be seen in FIGS. **40-45**, extending from or affixed to the first housing **102** is a case

or enclosure **144** that is located beneath the base **132** of the first housing **102** that is configured to house sheet paper such as tips **147**. As illustrated in FIGS. **28-31**, the case **144** includes a bottom wall **146**, a top wall **148** that is spaced from the bottom wall **146**, a first sidewall **150** that extends longitudinally between the top wall **148** and the bottom wall **146**, a second sidewall **152** that is spaced from the first sidewall **150** and extends longitudinally between the top wall **148** and the bottom wall **146**, and a third sidewall **154** that extends transverse between the first sidewall **150** and the second sidewall **152** to delimit one end of the case **144**. In combination, the top wall **148**, the bottom wall **146** and the sidewalls **150**, **152**, **154** form a cavity **156** with an opening at one end. The bottom wall **146** includes a recess **158** that extends from the open toward the third sidewall **154** to aid in contacting the sheet paper **109** housed in the cavity **156** and remove said sheet paper **109** therefrom.

[0072] A plurality of fold lines **138** delineate the locations where the sidewalls **120**, **122**, **124**, **126**, projections **136**, top **128** and associated tab **130** and the bottom **132** and associated tab **134** folded to form the first housing **102**.

[0073] Alternatively, the first housing **102** can be a preformed structure. In this embodiment, the tabs **130**, **132** and projections **136** are not included as part of the first housing **102**.

[0074] FIGS. **24-27** illustrate various views of the cutting edge **106**. The cutting edge **106** is comprised of a strip of material can be fixed to an inner surface of the first sidewall of the first housing **102**, near an upper edge of the first sidewall such that the cutting edge **106** extends beyond the first sidewall. The cutting edge **106** includes a plurality of teeth **107** that are spaced equidistant from each other to form a serrated pattern. It is noted that while the cutting edge **106** is depicted as being serrated, the cutting edge **106** can be any known toothed and/or untoothed pattern that is or would be known to a person of ordinary skill. The strip of material and/or cutting edge **106** can be comprised, for example, of a metal (e.g., aluminum), an alloy, composite, plastic (e.g., Polyvinyl chloride), etc.

[0075] As depicted in FIGS. **32-35** and **46-52**, the second housing **104**, which can be a one-piece structure, generally includes a base **160**, a first sidewall **162** extending in a first direction from the base **160**, a second sidewall **164** that is spaced from the first sidewall **162** extending from the base **160** in the first direction, a third sidewall **166** that extends from the base **160** in the first direction, transverse between the first sidewall **162** and the second sidewall **164** and a fourth sidewall **168** that is spaced from the third sidewall **166** and extends from the base **160** transverse between the first sidewall **162** and the second sidewall **164**. Together, the first sidewall **162**, the second sidewall **164**, the third sidewall **166** and the fourth sidewall **168** form a cavity **170** in which the first housing **102** can be arranged. The first sidewall **162** and the second sidewall **164** can be taller in height than the third sidewall **166** and the fourth sidewall **168**, and can extend longitudinally such that the second housing **104** can be rectangular in shape. The fourth sidewall **168** can include a groove **172** extending therein. The groove **172** allows for the wheel **108** to extend past the second housing **104** without contacting the second housing **104** so as to be rotatable as desired. Alternatively, the second housing **104** can include an opening through which the wheel **108** can extend. The cutting edge **106** can be fixed to the second housing **104**.

[0076] FIGS. **53** and **54** depict the first housing **102** in an unassembled state (e.g., a blank of material unfolded). As noted above, the first housing **102** includes a first sidewall **120**, a second sidewall **122** that is spaced from the first sidewall **120**, a third sidewall **124** that extends transverse at one end between the first sidewall **120** and the second sidewall **122**, a fourth sidewall **126** that extends transverse at and opposite end of the third sidewall **124** between the first sidewall **120** and the second sidewall **122**, a top **128** that can include a tab **130** that extends therefrom, a base **132** that can include a tab **134** extending therefrom and a plurality of projections **136** that can extend from the first, second and fourth sidewalls **120**, **122**, **126** to aid in the formation of the housing **102** from a flat sheet of material that is cut, pressed or the like.

[0077] FIGS. **55** and **56** illustrate a blank of material that is folded to form the second housing **104**

that generally defines the base **160**, the first sidewall **162**, the second sidewall **164**, the third sidewall **166**, the fourth sidewall **168**. The base **160** is delimited by fold lines **161** defining a first edge **163**, a second edge **165**, a third edge **167** and a fourth edge **169**. The first sidewall **162** extends from the first edge **163** of the base **60** and has a first tab **170** that extends from a first side thereof, a second tab **172** that extends from a second side thereof and a third tab **174** that extends from a third side thereof. The first tab **170**, the second tab **172** and the third tab **174** each extend from the first sidewall **162** about fold lines **161**. The second sidewall **164** extends mirror opposite the first sidewall **162** the from the second edge **165** of the base **160** and has a first tab **176** that extends from a first side thereof, a second tab **178** that extends from a second side thereof and a third tab **180** that extends from a third side thereof. The first tab **176**, the second tab **78** and the third tab **180** each extend from the third sidewall **166** about fold lines **161**. The third sidewall **66** extends from the third edge **167** of the base **160** and includes a tab **182** that extends therefrom about a fold line **161**. The fourth sidewall **168** extends mirror opposite the second sidewall **164** from the fourth edge **165** of the base **160** and includes a tab **184** that extends therefrom about a fold line **156**.

[0078] The second housing **114** is formable by folding the sidewalls **162**, **164**, **166**, **168**, tabs **178**, **80**, **182**, **184** and projection along the fold lines. In an assembled state, the second housing **104** includes an opening on one side with a cavity extending from the opening toward the base in which the first housing **102** can be arranged.

[0079] FIG. **58** shows a side view of the cutting edge **108** and FIG. **59** shows a blank of a display box **186** for the dispenser **100**.

[0080] Although this invention has been disclosed in the context of certain embodiments and examples, it will be understood by those skilled in the art that the invention extends beyond the specifically disclosed embodiments to other alternative embodiments and/or uses of the invention and obvious modifications and equivalents thereof. It is to be understood that the phraseology or terminology employed herein is for the purpose of description and not of limitation. In addition, while several variations of the embodiments of the invention have been shown and described in detail, other modifications, which are within the scope of this invention, including, but not limited to, the substitutions of equivalent features, materials, or parts, will be readily apparent to those of skill in the art based upon this disclosure without departing from the spirit and scope of the invention.

Claims

1. A dispenser, comprising: a first housing; a cutting edge fixed to the first housing and extending therefrom; and a second housing, the first housing being arrangeable within the second housing.
2. The dispenser of claim 1, wherein the first housing includes a base, a first sidewall extending from a first side of the base, a second sidewall that is spaced from the first sidewall, extending from a second side of the base, a third sidewall extending from a third side of the base, between a first end of the first sidewall and a first end of the second sidewall, a fourth sidewall extending from a fourth side of the base, between a second end of the first sidewall and a second end of the second sidewall, and a top wall, the first sidewall, the first sidewall, the second sidewall, the third sidewall and the fourth sidewall defining a cavity therebetween with the top wall configured to extend over the cavity.
3. The dispenser of claim 2, wherein a tab extends from the top wall to aid in securing the top wall and sealing the cavity.
4. The dispenser of claim 2, wherein the cutting edge extends beyond one of the first sidewall and the second sidewall.
5. The dispenser of claim 2, further comprising a wheel rotatably fixed to and extending from one of the third sidewall and the fourth sidewall.

6. The dispenser of claim 5, wherein the wheel includes a cylindrical body and a rim at one end of the cylindrical body.
7. The dispenser of claim 5, wherein the wheel includes a plurality of projections configured to aid in gripping and rotating the wheel.
8. The dispenser of claim 1, wherein the second housing includes a base, a first sidewall extending from the base, a second sidewall that is spaced from the first sidewall and extending from the base, a third sidewall extending from the base between a first end of the first sidewall and a first end of the second sidewall to delimit a first end of the second housing and a fourth sidewall extending from the base between a second end of the first sidewall and a second end of the second sidewall to delimit a second end of the second housing, the first sidewall, the second sidewall, the third sidewall and the fourth sidewall defining a cavity that is open at the top of the second housing.
9. The dispenser of claim 8, wherein the first sidewall and the second sidewall of the second housing extend a distance from the base that is further than a distance the third sidewall and the fourth sidewall extend from the base of the second housing.
10. The dispenser of claim 8, wherein one of the third sidewall or the fourth sidewall of the second housing include a concave groove that extends from a top of the third sidewall or the fourth sidewall toward the base of the second housing.
11. The dispenser of claim 1, wherein a sheet of tips are fixable to a base of the first housing and, in an assembled state nested between the first housing and the second housing.
12. The dispenser of claim 1, further comprising an enclosure fixed to a base of the first housing that is configured to house sheet paper.
13. The dispenser of claim 1, wherein the enclosure includes a bottom wall, a top wall that is spaced from the bottom wall, a first sidewall that extends longitudinally between the top wall and the bottom wall, a second sidewall that is spaced from the first sidewall and extends longitudinally between the top wall and the bottom wall and a third sidewall that extends transverse between the first sidewall and the second sidewall to delimit one end of the case, the top wall, the bottom wall and the sidewalls form a cavity with an opening at one end.
14. A method of forming a dispenser, comprising the following steps: providing a first housing having a cutting edge fixed thereto and extending therefrom and a second housing with the first housing; folding the first housing along fold line to create a first enclosure in which a roll of sheet material is arranged and extends therefrom; folding the second housing along fold lines to create a second enclosure; and arranging the first housing within the second housing.
15. The method of claim 14, wherein the first housing includes a base, a first sidewall extending from a first side of the base, a second sidewall that is spaced from the first sidewall, extending from a second side of the base, a third sidewall extending from a third side of the base, between a first end of the first sidewall and a first end of the second sidewall, a fourth sidewall extending from a fourth side of the base, between a second end of the first sidewall and a second end of the second sidewall, and a top wall, the first sidewall, the first sidewall, the second sidewall, the third sidewall and the fourth sidewall defining a cavity therebetween with the top wall configured to extend over the cavity.
16. The method of claim 14, further comprising a wheel rotatably fixed to and extending from the first housing.
17. The method of claim 16, wherein the wheel includes a cylindrical body and a rim at one end of the cylindrical body to aid in advancing and retracting paper arranged in the first housing.
18. The method of claim 14, wherein the second housing includes a base, a first sidewall extending from the base, a second sidewall that is spaced from the first sidewall and extending from the base, a third sidewall extending from the base between a first end of the first sidewall and a first end of the second sidewall to delimit a first end of the second housing and a fourth sidewall extending from the base between a second end of the first sidewall and a second end of the second sidewall to delimit a second end of the second housing, the first sidewall, the second sidewall, the third

sidewall and the fourth sidewall defining a cavity that is open at the top of the second housing.

19. The method of claim 18, wherein the first sidewall and the second sidewall of the second housing extend a distance from the base that is further than a distance the third sidewall and the fourth sidewall extend from the base of the second housing.

20. The method of claim 14, further comprising one of a sheet of tips fixable to a base of the first housing or an enclosure fixed to a base of the first housing that is configured to house sheet paper.
