MOTIONGAGE

BROCHURE







FEATURES

The MotionCage® by HOIST® Fitness offers a series of functional training system exercise stations that can be configured in several ways to best suit any facility's layout and its members' fitness needs. MotionCage® (MC) and MotionCage® Studio (MCS) configurations can include a Squat Rack, Renegade Station, Dual Hi-Lo Pulleys (4:1), Boxing Station, Rebounder Station, Wall Target Station and more. A sleek design and colorful finish invites gym-goers to jump on and "Start a ComMOTION".

CONVENIENCE

- Integrated User Adjustment Points Quick and easy adjustments to accommodate varying user sizes
- Integrated Scuff Guards & Rubber Foot Protectors Protects the machine's frame finish and facility floor
- Permanently Anchor All MC/S Products In Place HOIST recommends that the MotionCage® / Studio be bolted to the floor to maximize user safety
- Integrated Strap & Band Storage Keeps equipment organized and reduces clutter on the gym floor
- Polyurethane Rack-Out Covers on Squat Rack Provide protection for the Olympic Bar and frame
- Integrated Accessory Shelves Provide padded storage for kettle-bells or medicine balls; accessory basket also available

COMFORT & DURABILITY

- Multiple Grip Options & Oversized Handles Provide a more comfortable and secure workout
- Round Tube Frame Provides unsurpassed strength and durability

SLEEK & APPEALING

- Large Radius Bends Add beauty as well as frame rigidity
- Silent Steel® Weight Stacks Designed to reduce noise during exercise
- Customizable Frame Color Personalize your equipment to better fit the look of your facility at an additional charge





CONFIGURATIONS

The MotionCage® (MC) series offers a wide range of customization and is built on a large, rigid frame that allows for several gym-goers to exercise simultaneously. The full MotionCage® (MC) series features a large walk-through center frame that allows for many gymgoers or trainers to use the MotionCage® simultaneously. Each MotionCage® comes standard with Monkey Bars, Integrated Pull-Up Station, Peg Board with Elevated Pull-Up Bar, Rock Wall, Dip Station, Jump Platform, Padded Accessory Shelves, Storage Hooks and Battle Rope Loops. The MotionCage® offers a wide range of customizable stations and can be ordered in many unique configurations. For your convenience, HOIST offers five standard configuration packages. Each package was designed with gym owners, trainers and users in mind to fully optimize your space and equipment offerings. The versatility of the MotionCage® can not be understated and is only truly limited by your imagination.

AVAILABLE EXERCISE STATION OPTIONS

- 5-Grip Chin-Up Station
 (Option of Standard 93.14" or Tall 105.55" Stations)
- Accessory Shelves
- Battle Rope Loops
- Dip Station
- ◆ Dual Hi-Lo Station (4:1)
- Heavy Bag
- Jump Platform
- Rebound Station
- Renegade Station
- Squat Rack
- Straps & Bands
- Target Station



MOTIONCAGE® STUDIO

CONFIGURATIONS

The [MCS] series MotionCage® Studio is designed to be a space saver compared to its bigger brother. The MotionCage® Studio can be configured using many of the same stations as the larger MotionCage® while offering a much smaller footprint.

AVAILABLE EXERCISE STATION OPTIONS

- 5-Grip Chin-Up Station
 (Option of Standard 93.14" or Tall 105.55" Stations)
- Accessory Shelves
- Battle Rope Loops
- Dip Station
- ◆ Dual Hi-Lo Station (4:1)
- Heavy Bag
- Jump Platform
- Rebound Station
- Renegade Station
- ♦ Single Hi-Lo Station (4:1)
- Squat Rack
- Straps & Bands
- Target Station



MC-7005



HI-LO CABLE 2:1 RATIO KIT (MC-7028-OPT-01) AVAILABLE OLYMPIC BAR SHOWN NOT INCLUDED

SPECS

PRODUCT DIMENSIONS (L X W X H)

204" X 211" X 122" (519 cm X 536 cm X 311 cm) *Exact dimensions may vary based on station assembly*

PRODUCT WEIGHT

2,822 lbs (1,280 kg)

WEIGHT STACK

195 lbs (88 kg) / EA

CONFIGURATION

- Accessory Shelves
- Dip Station
- Heavy Bag
- Rebound Station
- Squat Rack

- Target Station
- Battle Rope Loops
- Dual Hi-Lo Station (4:1)
- Jump Platform
- Straps & Bands

FEATURES

- Accessory Storage Hooks
- Rock Climbing Grip Wall
- Upper & Lower Target Stations
- Multi-Level Monkey Bars
- Peg Board With Integrated Pull-Up Bar & Strap Points
- Multi-Grip Pull-Up Station
- Polyurethane Protective Covers
- Automatic Ready-Loaded Renegade Receiver
- Adjustable Hi-Lo Pulleys
- ◆ Zero Balance Easy-To-Adjust Handles On Dip Station
- Dip Station With Patented Flip N Dip Adjustable Handles With Wide / Narrow Grips
- Rebound Station With 8 Adjustable Angles 40° 71°
- Battle Rope Loops
- Quick Attach / Detach Jump Platform & Dip Stations
- Integrated Strap & Band Points
- Accessory Storage Shelves
- Patented 360° Heavy Bag Joint



MC-7004



OLYMPIC BAR SHOWN NOT INCLUDED

SPECS

PRODUCT DIMENSIONS (L X W X H)

204" X 218" X 110" (519 cm X 553 cm X 279 cm)
Exact dimensions may vary based on station assembly

PRODUCT WEIGHT

2,565 lbs (1,163 kg)

WEIGHT STACK

196 lbs (88 kg) / EA

CONFIGURATION

- Accessory Shelves
- Heavy Bag
- Battle Rope Loops
- Jump Platform
- Dip Station
- Renegade Station
- Dual Hi-Lo Station (4:1)
- Squat Rack

FEATURES

- Accessory Storage Hooks
- Rock Climbing Grip Wall
- Upper & Lower Target Stations
- Multi-Level Monkey Bars
- Peg Board With Integrated Pull-Up Bar & Strap Points
- Multi-Grip Pull-Up Station
- Polyurethane Protective Covers
- Automatic Ready-Loaded Renegade Receiver
- Adjustable Hi-Lo Pulleys
- ◆ Zero Balance Easy-To-Adjust Handles On Dip Station
- Dip Station With Patented Flip N Dip Adjustable Handles With Wide / Narrow Grips
- Rebound Station With 8 Adjustable Angles 40° 71°
- Battle Rope Loops
- Quick Attach / Detach Jump Platform & Dip Stations
- Integrated Strap & Band Points
- Accessory Storage Shelves
- Patented 360° Heavy Bag Joint



MC-7003



OLYMPIC BAR SHOWN NOT INCLUDED

SPECS

PRODUCT DIMENSIONS (L X W X H)

205" X 211" X 110" (521 cm X 535 cm X 278 cm)
Exact dimensions may vary based on station assembly

PRODUCT WEIGHT

2,687 lbs (1,219 kg)

WEIGHT STACK

197 lbs (88 kg) / EA

CONFIGURATION

- Accessory Shelves
- Heavy Bag
- ◆ Battle Rope Loops
- Jump Platform
- Dip Station
- Rebound Station
- Dual Hi-Lo Station (4:1)
- Renegade Station

FEATURES

- Accessory Storage Hooks
- Rock Climbing Grip Wall
- Upper & Lower Target Stations
- Multi-Level Monkey Bars
- Peg Board With Integrated Pull-Up Bar & Strap Points
- Multi-Grip Pull-Up Station
- Polyurethane Protective Covers
- Automatic Ready-Loaded Renegade Receiver
- Adjustable Hi-Lo Pulleys
- ◆ Zero Balance Easy-To-Adjust Handles On Dip Station
- Dip Station With Patented Flip N Dip Adjustable Handles With Wide / Narrow Grips
- Rebound Station With 8 Adjustable Angles 40° 71°
- Battle Rope Loops
- Quick Attach / Detach Jump Platform & Dip Stations
- Integrated Strap & Band Points
- Accessory Storage Shelves
- Patented 360° Heavy Bag Joint



MC-7002



OLYMPIC BAR SHOWN NOT INCLUDED

IF MC-7037 STANDARD CHIN-UP STATION IS SELECTED, PACKAGE SKU IS MC-7002-S

SPECS

PRODUCT DIMENSIONS (L X W X H)

205" X 211" X 110" (521 cm X 535 cm X 278 cm) *Exact dimensions may vary based on station assembly*

PRODUCT WEIGHT

2,359 lbs (1,070 kg)

CONFIGURATION

- 5-Grip Chin-Up Station (Option of Standard 93.14" or Tall 105.55" Stations)
- Accessory Shelves
- Battle Rope Loops
- Dip Station
- Heavy Bag
- Jump Platform
- Rebound Station
- Renegade Station

FEATURES

- Accessory Storage Hooks
- Rock Climbing Grip Wall
- Upper & Lower Target Stations
- Multi-Level Monkey Bars
- Peg Board With Integrated Pull-Up Bar & Strap Points
- Multi-Grip Pull-Up Station
- Polyurethane Protective Covers
- Automatic Ready-Loaded Renegade Receiver
- Adjustable Hi-Lo Pulleys
- ◆ Zero Balance Easy-To-Adjust Handles On Dip Station
- Dip Station With Patented Flip N Dip Adjustable Handles With Wide / Narrow Grips
- Rebound Station With 8 Adjustable Angles 40° 71°
- Battle Rope Loops
- Quick Attach / Detach Jump Platform & Dip Stations
- Integrated Strap & Band Points
- Accessory Storage Shelves

Patented 360° Heavy Bag Joint



MC-7001



SPECS

PRODUCT DIMENSIONS (L X W X H)

205" X 211" X 110" (521 cm X 535 cm X 278 cm) *Exact dimensions may vary based on station assembly*

PRODUCT WEIGHT

2,687 lbs (1,219 kg)

WEIGHT STACK

197 lbs (88 kg) / EA

CONFIGURATION

- Accessory Shelves
- Battle Rope Loops
- Dip Station
- Jump Platform

FEATURES

- Accessory Storage Hooks
- Rock Climbing Grip Wall
- Upper & Lower Target Stations
- Multi-Level Monkey Bars
- Peg Board With Integrated Pull-Up Bar & Strap Points
- Multi-Grip Pull-Up Station
- Polyurethane Protective Covers
- Automatic Ready-Loaded Renegade Receiver
- Adjustable Hi-Lo Pulleys
- Zero Balance Easy-To-Adjust Handles On Dip Station
- Dip Station With Patented Flip N Dip Adjustable Handles With Wide / Narrow Grips
- Rebound Station With 8 Adjustable Angles 40° 71°
- Battle Rope Loops
- Quick Attach / Detach Jump Platform & Dip Stations
- Integrated Strap & Band Points
- Accessory Storage Shelves
- Patented 360° Heavy Bag Joint



MCS-8005



HI-LO CABLE 2:1 RATIO KIT (MC-7028-OPT-01) AVAILABLE OLYMPIC BAR SHOWN NOT INCLUDED

SPECS

PRODUCT DIMENSIONS (L X W X H)

205" X 211" X 110" (521 cm X 535 cm X 278 cm) *Exact dimensions may vary based on station assembly*

PRODUCT WEIGHT

2,687 lbs (1,219 kg)

WEIGHT STACK

197 lbs (88 kg) / EA

CONFIGURATION

- Accessory Shelves
- Battle Rope Loops
- Dip Station
- Jump Platform

FEATURES

- Patented 360° Heavy Bag Joint
- Integrated Strap & Band Points
- Multi-Grip Pull-Up Station
- Dual Hi-Lo Station Pull-Up Bar
- Semi-Transparent Weight Stack Shield
- Adjustable Hi-Lo Pulleys
- Rebound Station With 8 Adjustable Angles 40° 71°
- Hi-Lo Bar Handle Storage Tubes
- Battle Rope Loops
- Accessory Storage Shelves
- Accessory Storage Hooks
- Automatic Ready-Loaded Renegade Receiver
- Quick Attach / Detach Jump Platform & Dip Stations
- Zero Balance Easy-To-Adjust Handles On Dip Station
- Dip Station With Patented Flip N Dip Adjustable Handles With Wide / Narrow Grips
- Upper & Lower Target Stations
- Polyurethane Protective Covers



MCS-8004



AVAILABLE WITH EITHER THE DIP STATION (STANDARD) OR JUMP PLATFORM (UPON REQUEST)

SPECS

PRODUCT DIMENSIONS (L X W X H)

205" X 211" X 110" (521 cm X 535 cm X 278 cm) *Exact dimensions may vary based on station assembly*

PRODUCT WEIGHT

2,687 lbs (1,219 kg)

WEIGHT STACK

197 lbs (88 kg) / EA

CONFIGURATION

- 5-Grip Chin-Up Station (Option of Standard 93.14" or Tall 105.55"
- Accessory Shelves
- Battle Rope Loops
- Dual Hi-Lo Station (4:1)
- Heavy Bag
- Jump Platform
- ◆ Rebound Station
- Straps & Bands

FEATURES

- Patented 360° Heavy Bag Joint
- Integrated Strap & Band Points
- Multi-Grip Pull-Up Station
- Dual Hi-Lo Station Pull-Up Bar
- Semi-Transparent Weight Stack Shield
- Adjustable Hi-Lo Pulleys
- Rebound Station With 8 Adjustable Angles 40° 71°
- Hi-Lo Bar Handle Storage Tubes
- Battle Rope Loops
- Accessory Storage Shelves
- Accessory Storage Hooks
- Automatic Ready-Loaded Renegade Receiver
- Quick Attach / Detach Jump Platform & Dip Stations
- Zero Balance Easy-To-Adjust Handles On Dip Station
- Dip Station With Patented Flip N Dip Adjustable Handles With Wide / Narrow Grips
- Upper & Lower Target Stations
- Polyurethane Protective Covers



MCS-8003



AVAILABLE WITH EITHER THE DIP STATION (STANDARD) OR JUMP PLATFORM (UPON REQUEST)

SPECS

PRODUCT DIMENSIONS (L X W X H)

205" X 211" X 110" (521 cm X 535 cm X 278 cm) *Exact dimensions may vary based on station assembly*

PRODUCT WEIGHT

2,687 lbs (1,219 kg)

WEIGHT STACK

197 lbs (88 kg) / EA

CONFIGURATION

- 5-Grip Chin-Up Station (Option of Standard 93.14" or Tall 105.55" Stations)
- Accessory Shelves
- Battle Rope Loops
- Dip Station

- Heavy Bag
- Rebound Station
- ◆ Single Hi-Lo Station (4:1)
- Straps & Bands

FEATURES

- Patented 360° Heavy Bag Joint
- Integrated Strap & Band Points
- Multi-Grip Pull-Up Station
- Dual Hi-Lo Station Pull-Up Bar
- Semi-Transparent Weight Stack Shield
- Adjustable Hi-Lo Pulleys
- Rebound Station With 8 Adjustable Angles 40° 71°
- Hi-Lo Bar Handle Storage Tubes
- Battle Rope Loops
- Accessory Storage Shelves
- Accessory Storage Hooks
- Automatic Ready-Loaded Renegade Receiver
- Quick Attach / Detach Jump Platform & Dip Stations
- Zero Balance Easy-To-Adjust Handles On Dip Station
- Dip Station With Patented Flip N Dip Adjustable Handles With Wide / Narrow Grips
- Upper & Lower Target Stations
- Polyurethane Protective Covers



MCS-8002



SPECS

PRODUCT DIMENSIONS (L X W X H)

205" X 211" X 110" (521 cm X 535 cm X 278 cm) *Exact dimensions may vary based on station assembly*

PRODUCT WEIGHT

2,687 lbs (1,219 kg)

WEIGHT STACK

197 lbs (88 kg) / EA

CONFIGURATION

- 5-Grip Chin-Up Station (Option of Standard 93.14" or Tall 105.55" Stations)
- Accessory Shelves
- Battle Rope Loops
- Dip Station

- Heavy Bag
- Straps & Bands
- Rebound Station
- Renegade Station
- Straps & Bands

FEATURES

- Patented 360° Heavy Bag Joint
- Integrated Strap & Band Points
- Multi-Grip Pull-Up Station
- Dual Hi-Lo Station Pull-Up Bar
- Semi-Transparent Weight Stack Shield
- Adjustable Hi-Lo Pulleys
- Rebound Station With 8 Adjustable Angles 40° 71°
- Hi-Lo Bar Handle Storage Tubes
- Battle Rope Loops
- Accessory Storage Shelves
- Accessory Storage Hooks
- Automatic Ready-Loaded Renegade Receiver
- Quick Attach / Detach Jump Platform & Dip Stations
- Zero Balance Easy-To-Adjust Handles On Dip Station
- Dip Station With Patented Flip N Dip Adjustable Handles With Wide / Narrow Grips
- Upper & Lower Target Stations
- Polyurethane Protective Covers



MCS-8001



SPECS

PRODUCT DIMENSIONS (L X W X H)

205" X 211" X 110" (521 cm X 535 cm X 278 cm) *Exact dimensions may vary based on station assembly*

PRODUCT WEIGHT

2,687 lbs (1,219 kg)

WEIGHT STACK

197 lbs (88 kg) / EA

CONFIGURATION

- Accessory Shelves
 Battle Rope Loops
- Dip Station
- Jump Platform
- Straps & Bands

FEATURES

- Patented 360° Heavy Bag Joint
- Integrated Strap & Band Points
- Multi-Grip Pull-Up Station
- Dual Hi-Lo Station Pull-Up Bar
- Semi-Transparent Weight Stack Shield
- Adjustable Hi-Lo Pulleys
- Rebound Station With 8 Adjustable Angles 40° 71°
- Hi-Lo Bar Handle Storage Tubes
- Battle Rope Loops
- Accessory Storage Shelves
- Accessory Storage Hooks
- Automatic Ready-Loaded Renegade Receiver
- Quick Attach / Detach Jump Platform & Dip Stations
- Zero Balance Easy-To-Adjust Handles On Dip Station
- Dip Station With Patented Flip N Dip Adjustable Handles With Wide / Narrow Grips
- Upper & Lower Target Stations
- Polyurethane Protective Covers



OPTIONAL ACCESSORIES

ROPEFLEX ROPE PULL PACKAGE



MC-ROPE-KIT / MC-7036

SUSPENSION TRAINER CROSSBAR STATION



MC-ROPE-KIT / MC-7036

THIRD ACCESSORY SHELF



MC-ROPE-KIT / MC-7036

ACCESSORY BASKET



MC-ROPE-KIT / MC-7036

STANDARD HI-LO CABLES



MC-ROPE-KIT / MC-7036

OPTIONAL HI-LO CABLES



MC-ROPE-KIT / MC-7036

UTILITY STOOL



MC-ROPE-KIT / MC-7036



STANDARD COLORS

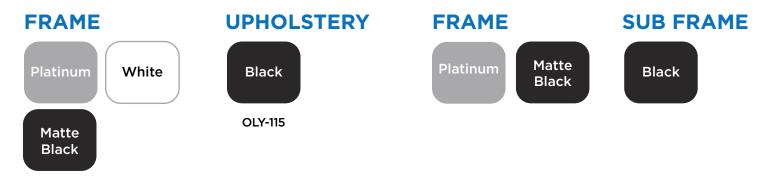
ROC-IT (RS, RPL)
COMMERCIAL FREEWEIGHTS (CF)
COMMERCIAL MULTI JUNGLE (CMJ)
CLUB LINE (CL)

FRAME **UPHOLSTERY** Dove Slate Royal Platinum Sky Blue Black Navy Gray Gray Blue **OLY-115 OLY-185 OLY-120 US 516 OLY-190** NAVY White SR-302 Blue Hunter American Suede Wheat Burgundy Matte Ridge Green **Beauty** Black **OLY-130 OLY-105 OLY-125** 36349900 **OLY-155** 46848300

CUSTOM COLORS AVAILABLE UPON REQUEST CONTACT US FOR PRICING AND LEAD TIMES

HOIST DUAL SERIES (HD)

MOTION CAGE (MC, MCS)
PERFORMANCE SERIES (PS)



CUSTOM COLORS AVAILABLE UPON REQUEST CONTACT US FOR PRICING AND LEAD TIMES

HOIST LIGHT COMMERCIAL/ HOME FREEWEIGHTS (HF) H4400 & H2200

Platinum

Black

OLY-115

NO CUSTOM COLORS AVAILABLE



TEMPLATE FULL SPECS

	PRODUC	CT NAME	LENGTH	WIDTH	HEIGHT	WEIGHT	WEIGHT STACK
	MC-7005	MOTIONCAGE PACKAGE 5	204" (519 CM)	211" (536 CM)	122" (311 CM)	2,822 LBS. (1,280 KG)	195 LBS. (88 KG) / EA
	MC-7004	MOTIONCAGE PACKAGE 4	204" (519 CM)	218" (553 CM)	110" (279 CM)	2,565 LBS. (1,163 KG)	196 LBS. (88 KG) / EA
	140 7007	MOTIONICACE DACKAGE 7	205 00" (521 CM)	210 50" (575 CM)	100 50" (070 CM)	0.007 L DC (1.010 L/C)	107 DC (00 (C) / EA
	MC-7003	MOTIONCAGE PACKAGE 3	205.00" (521 CM)	210.50" (535 CM)	109.50" (278 CM)	2,687 LBS. (1,219 KG)	197 LBS. (88 KG) / EA
	MC-7002	MOTIONCAGE PACKAGE 2	205.25" (521 CM)	211.00" (536 CM)	109.50" (278 CM)	2,359 LBS. (1,070 KG)	-
	MC-7001	MOTIONCAGE PACKAGE 1	190.50" (484 CM)	153.75" (391 CM)	105.76" (269 CM)	2,006 LBS. (910 KG)	-
	MCS-8005	MOTIONCAGE STUDIO PACKAGE 5	149.75" (380 CM)	135.75" (345 CM)	122.50" (311 CM)	1,643 LBS. (745 KG)	195 LBS. (88 KG) / EA
	MCS-8004	MOTIONCAGE STUDIO PACKAGE 4	127.46" (324 CM)	88.18" (224 CM)	109.50" (278 CM)	1,581 LBS. (717 KG)	195 LBS. (88 KG) / EA
	MCS-8003	MOTIONCAGE STUDIO PACKAGE 3	131.63" (334 CM)	90.50" (230 CM)	109.75" (279 CM)	1,361 LBS. (618 KG)	195 LBS. (88 KG) / EA
	1.103-0003	7101101101101102010110111101111020	10.100 (00.1 01.1)	30.00 (200 01.)	(270 0.1)	,,501 220. (6.6 1.6)	100 EBC! (00 NO) / E/N
	MCS-8002	MOTIONCAGE STUDIO PACKAGE 2	173.51" (441 CM)	127.72" (324 CM)	109.75" (279 CM)	1,266 LBS. (574 KG)	-
	MCS-8001	MOTIONCAGE STUDIO PACKAGE 1	111.50" (283 CM)	108.75" (276 CM)	109.21" (277 CM)	913 LBS. (414 KG)	-
_							



WARRANTY POLICY

HOIST* Fitness offers one of the best warranty policies in the industry, reaffirming our commitment to quality and customer satisfaction. HOIST* Fitness warranties this product to the original purchaser only. HOIST* Fitness guarantees this product to be free from defects in workmanship and/or materials under normal use or service. FOR COMPLETE WARRANTY INFORMATION, VISIT HOISTFITNESS.COM AND CLICK ON THE "SUPPORT" LINK. Warranty policy applies to defects from the manufacturer only.

HOIST* Fitness reserves the right to change product specifications, design, and function at any time.

TRADEMARKS AND PATENTS

HOIST* Fitness products are covered by U.S. Patents, Patents Pending and Trademarks. HOIST is a registered trademark. All Rights Reserved.†

- ◆ HOIST®
- ◆ ACT NOW[®]
- ◆ CABLE-DRIVEN™
- CLUB QUALITY GUARANTEED*
- COMPOSITE MOTION™
- ◆ DUAL ACTION SMITH®
- ◆ EASY GLIDE™
- EZ-LOC LATCHING MECHANISM™
- ◆ FEEL THE RIDE®
- ◆ GLUTEMASTER*
- ♦ HOIST CLASSIC®

- QUIK-CHANGE[®]
- ◆ RADIAL LOC®
- RIDE ORIENTED CIRCUIT-INTERVAL TRAINING™
- RIDE ORIENTED CONDITIONING*
- RIDE ORIENTED CONDITIONING SYSTEM*
- RIDE ORIENTED
 CONDITIONING INTENSITY TRAINING™
- ◆ RIDE ORIENTED XERCISE®
- ◆ ROC®

- ◆ ROCS®
- ◆ ROX®
- ◆ ROC-IT®
- ◆ ROC-ABS*
- ◆ SILENT STEEL®
- SPLIT WEIGHT CABLING™
- ULTRA-LITE LIFTING SYSTEM™
- ◆ DUAL SERIES™
- ♦ FLIP-N-DIP®
- ◆ FLIP-N-GRIP®

D427,652, D431,059, D431,615, D437,370, D437,371, D438,267, D439,292, D439822, D439,943, D440,610, D444,190, D444,518, D446,440, D446,831, D454,604, D455,184, D455,310, D455,803, D456,862, D457,580, D511,726, D513,598, D518,861, D519,585, D519,864, D526,370, D528,023, D528,172, D533,608, D536,046, D539,857, D541,357, D541,358, D541,893, D542,868, D544,050, D545,383, D556,842, D561,276, D569,459, D569,926, D574,448, D577,434, D577,234, D579,584, D579,989, D583,426, D590,032, D746,388, D797,757, D807,446, D807,447, D808,475, D818,547, 5,683,334, 5,733,233, 5,800,321, 5,807,219, 5,961,072, 5,951,444, 5,961,428, 5,980,434, 6,004,247, 6,193,635, 6,264,586, 6,319,178, 6,338,701, 6,347,777, 6,409,637, 6,443,878, 6,491,606, 6,491,609, 6,497,639, 6,551,226, 6,561,960, 6,579,213, 6,605,022, 6,988,977, 7,052,444, 7,166,066, 7,316,634, 7,322,906, 7,322,911, 7,331,911, 7,355,140, 7,361,125, 7,384,381, 7,393,309, 7,749,143, 7,468,024, 7,544,156, 7,549,880, 7,549,949, 7,563,209, 7,563,214, 7,594,880, 7,597,655, 7,601,187, 7,641,600, 7,654,938, 7,654,940, 7,670,269, 7,713,179, 7,717,832,7,731,638, 7,749,371, 7,49,372,7766,802,7,806,809, 7,815,555, 7,867,149, 7,878,953, 7,901,337, 7,909,743, 7,938,760, 7,963,890, 7,976,440, 7,988,603, 7,993,251, 8,002,679, 8,007,411, 8,021,070, 8,057,368, 8,162,807, 8,172,732, 8,177,693, 8,257,231, 8,308,620, 8,317,665, 8,328,698, 8,562,496, 8,702,573, 8,734,304, 8,852,060, 8,870,720, 8,915,667, 8,926,480, 9,017,238, 9,126,081, 9,205,298, 9,302,136, 9,440,106, 9,517,379, 9,522,297, 9,604,086, 9,682,276, 9,707,448, 9,808,699, 9,833,656, 9,861,850, 9,868,016, 9,925,448, 9,943,721, 9,950,210, 9,968,819, 9,999,797, 10,010,740, 11,135,475, 11,013,949, 10,780,310,0737,131,10,709,922,10,646,739, 10,639,513,10,532,244, 10,486,012,10,426,990,10,420,985, D857,812,10,350,445, D852,291,10,307,630,10,220,240,000, D836,622,990,10,420,985, D857,812,10,350,445, D852,291,10,307,630,10,220,240,000, D836,733,10,086,229

[†] Other Patents Pending