

US00D838000S

(12) **United States Design Patent** (10) **Patent No.:** **US D838,000 S**  
**Norell** (45) **Date of Patent:** **\*\* Jan. 8, 2019**

(54) **NMR TUBE**  
(71) Applicant: **Norell, Inc.**, Landisville, NJ (US)  
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(73) Assignee: **Norell, Inc.**  
(\*\*) Term: **15 Years**  
(21) Appl. No.: **29/610,078**  
(22) Filed: **Jul. 10, 2017**

**Related U.S. Application Data**

(62) Division of application No. 29/533,168, filed on Jul. 15, 2015, now Pat. No. Des. 794,820, and a division (Continued)  
(51) **LOC (11) Cl.** ..... **24-02**  
(52) **U.S. Cl.**  
USPC ..... **D24/224**  
(58) **Field of Classification Search**  
USPC ..... D24/107, 216, 224, 226, 227, 230, 232;  
D7/300, 300.2; 324/300, 320, 321, 322;  
600/300, 398, 400-425

(Continued)

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

D318,728 S \* 7/1991 Braune ..... D24/224  
D325,444 S 4/1992 Murashita et al.  
(Continued)

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(57) **CLAIM**

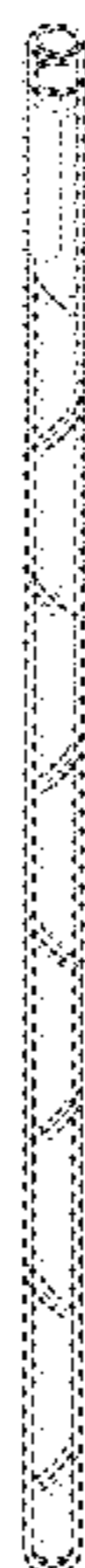
The ornamental design for a NMR tube, as shown and described.

**DESCRIPTION**

FIG. 1 is a front top perspective view of a NMR tube in accordance with a first embodiment of the new design;  
FIG. 2 is a front view thereof;  
FIG. 3 is a rear view thereof;

FIG. 4 is a right side view thereof;  
FIG. 5 is a left side view thereof;  
FIG. 6 is a top view thereof;  
FIG. 7 is a bottom side view thereof;  
FIG. 8 is a front top perspective view of a NMR tube in accordance with a second embodiment of the new design;  
FIG. 9 is a front view thereof;  
FIG. 10 is a rear view thereof;  
FIG. 11 is a right side view thereof;  
FIG. 12 is a left side view thereof;  
FIG. 13 is a top view thereof;  
FIG. 14 is a bottom side view thereof;  
FIG. 15 is a front top perspective view of a NMR tube in accordance with a third embodiment of the new design;  
FIG. 16 is a front view thereof;  
FIG. 17 is a rear view thereof;  
FIG. 18 is a right side view thereof;  
FIG. 19 is a left side view thereof;  
FIG. 20 is a top view thereof;  
FIG. 21 is a bottom side view thereof;  
FIG. 22 is a front top perspective view of a NMR tube in accordance with a fourth embodiment of the new design;  
FIG. 23 is a front view thereof;  
FIG. 24 is a rear view thereof;  
FIG. 25 is a right side view thereof;  
FIG. 26 is a left side view thereof;  
FIG. 27 is a top view thereof;  
FIG. 28 is a bottom side view thereof;  
FIG. 29 is a front top perspective view of a NMR tube in accordance with a fifth embodiment of the new design;  
FIG. 30 is a front view thereof;  
FIG. 31 is a rear view thereof;  
FIG. 32 is a right side view thereof;  
FIG. 33 is a left side view thereof;  
FIG. 34 is a top view thereof;  
FIG. 35 is a bottom side view thereof;  
FIG. 36 is a front top perspective view of a NMR tube in accordance with a sixth embodiment of the new design;  
FIG. 37 is a front view thereof;  
FIG. 38 is a rear view thereof;  
FIG. 39 is a right side view thereof;  
FIG. 40 is a left side view thereof;  
FIG. 41 is a top view thereof; and,  
FIG. 42 is a bottom side view thereof.

(Continued)



The broken lines in the drawings illustrate portions of a NMR tube that form no part of the claimed design.

**1 Claim, 12 Drawing Sheets**

**Related U.S. Application Data**

of application No. 29/535,310, filed on Aug. 5, 2015, now Pat. No. Des. 794,821.

(58) **Field of Classification Search**

CPC ..... G01V 3/00; G01R 33/30  
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D332,198 S	1/1993	Goodman, Jr.	
D371,269 S	7/1996	Shattuck et al.	
6,054,857 A	4/2000	Doty	
D470,761 S *	2/2003	Kelvie .....	D1/102
6,917,201 B2	7/2005	Swiet	
7,075,303 B2	7/2006	Cavaluzzi et al.	
7,830,148 B2 *	11/2010	Tanaka .....	G01R 33/30 324/321
D628,708 S *	12/2010	Anderson .....	D24/216
8,098,069 B1	1/2012	Bez et al.	
8,421,458 B2	4/2013	Lowery, Jr. et al.	
D726,550 S *	4/2015	Lu .....	D9/715
D749,884 S	2/2016	Martins	
D768,868 S	10/2016	Inoue	
D794,820 S *	8/2017	Norell .....	D24/224
D794,821 S *	8/2017	Norell .....	D24/224
2011/0275153 A1 *	11/2011	Butler .....	A01N 1/0268 435/374

\* cited by examiner

FIG. 1



FIG. 2

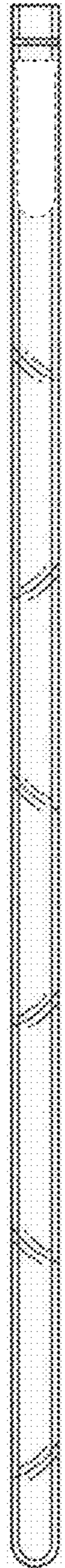


FIG. 3

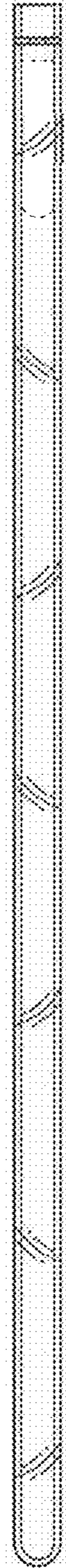


FIG. 4



FIG. 5

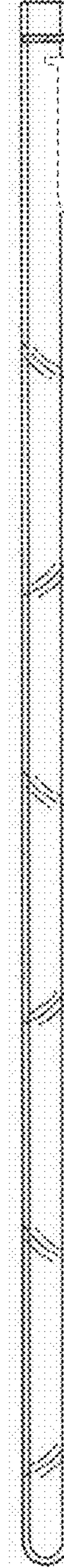


FIG. 6



FIG. 7





FIG. 8



FIG. 9

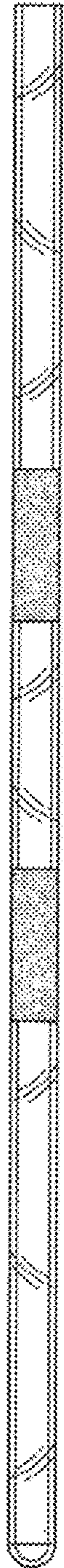


FIG. 10

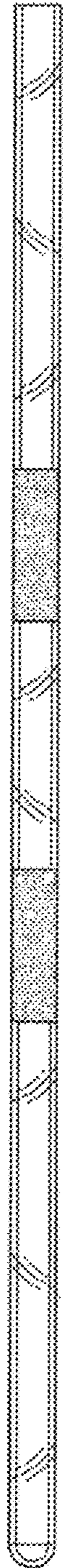


FIG. 11

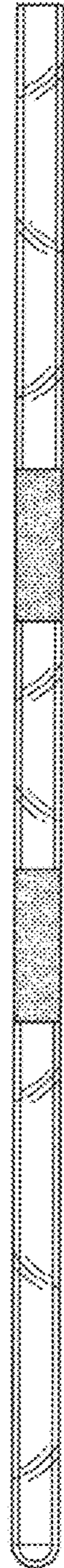


FIG. 12

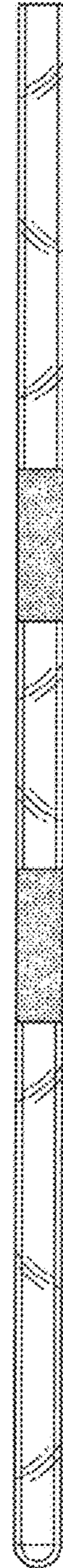


FIG. 13



FIG. 14



FIG. 15





FIG. 16

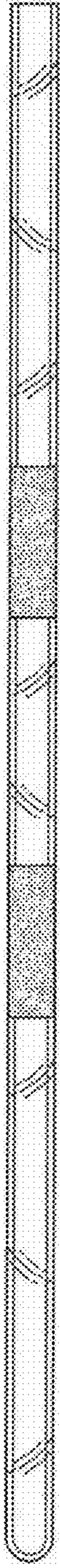


FIG. 17



FIG. 18



FIG. 19



FIG. 20



FIG. 21





FIG. 22



FIG. 23



FIG. 24

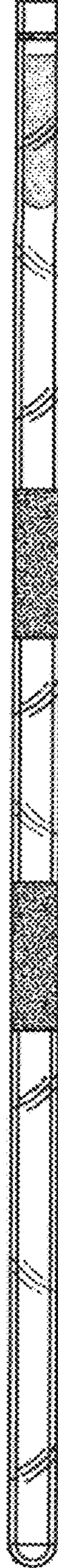


FIG. 25



FIG. 26



FIG. 27



FIG. 28



FIG. 29

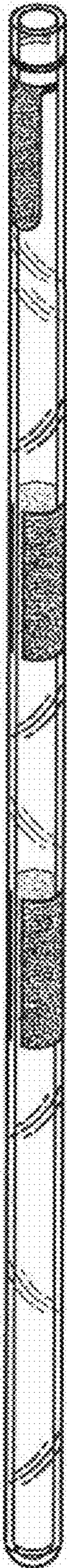




FIG. 30

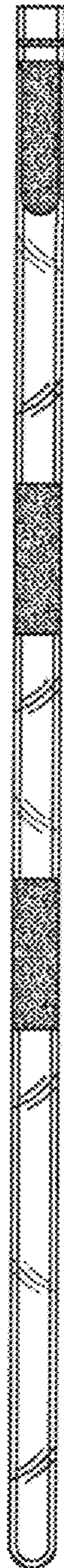


FIG. 31

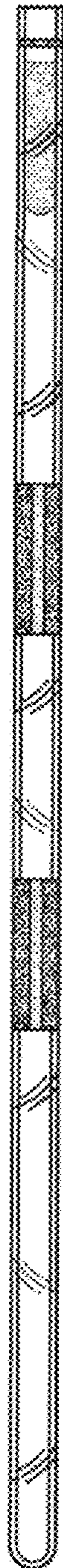


FIG. 32



FIG. 33



FIG. 34



FIG. 35



FIG. 36

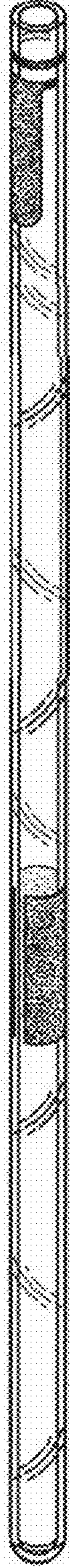


FIG. 37



FIG. 38

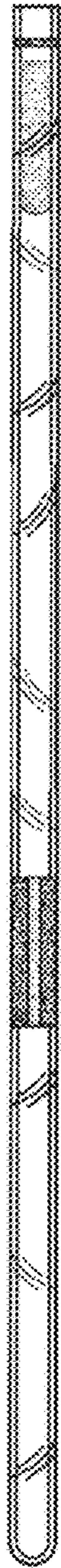


FIG. 39



FIG. 40



FIG. 41



FIG. 42

