

From: Thinn Thiri <thiri@kjt.co.jp>

Date: Friday, October 25, 2024 at 2:53 AM

To: Brienza, Dave <DBRIENZA@pitt.edu>

Cc: Ly Bui <lybui@kjt.co.jp>, Ha Tran <hatran@kjt.co.jp>, Nyein Ei <nyein@kjt.co.jp>, Su Myat <su@kjt.co.jp>, Nguyen Dinh <nguyendinh@kjt.co.jp>

Subject: Re: US/UP/Foam

Dear Mr. David Breinza,

Regarding ER-20,

It was a product that was discontinued in 2008.

It is an open-cell polyurethane foam with a rubber-like texture.

<ER-20>

Density: 28kg/m³

Hardness: 49N

Regrettably, as this type of work is not our scope, we are unable to provide further assistance in this case.

However, please feel free to contact us if you have any inquiries about Japanese tools and equipment.

We are a trading company that specializes in supplying quality equipment and tools (Japanese Origin) for Factories.

Furthermore, Kouei Vietnam can provide quality products from Vietnam at an affordable price.

Following items we are mainly handling :

- Hand Tools: **TONE, OGURA, YUTANI,**
- Lifting Equipment: **KITO, ELEPHANT, EAGLE JACK, SUPER TOOL, EAGLE CLAMP, MIKI NETSUREN, KANETEC, KONDOTEC**
- Pump: **MUSASHINO, HONDA KIKO**
- Fluid Equipment: **NACOL**
- Heat Exchanger and Lubricator: **YASEC YAMASHINA SEIKI**
- Valve: **YOSHITAKE, RISYO**
- Piping Systems Accessories: **WASINO KIKI**

- Air Cylinder: **KONAN**
- Measurement: **SANKO, RSK, NAGANO, LINE SEIKI, OBISHI, HASEGAWA, KETT, SHOWA SOKKI, YAMAYO**
- Tape: **KIKUSUI, TERAOKA, FUSHIGI**
- Caster Wheel: **HAMMER CASTER, TOSEI SHARYO**
- JIS B 1180 Bolt, JIS B 1181 Nut, Washer (Hot Dip Galvanized)
- High Strength Bolt
- S10T Daijin Nintei, F10T JIS B1186: **NIPPON FASTENER**(Japan) and **DONG AH**(Korea)
- S10TW, F10TW (Weather Resistance): **NIPPON FASTENER**(Japan)
- F8T (Hot Dip Galvanized): **NIPPON FASTENER**(Japan)

If you have any demands, please send us your inquiry.

Transportation : **Ship, Air, DHL**

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For the variety of products made in Japan or in Vietnam, please visit our website as below:

<https://koueitradings.com/global/>

Enclosed please find our catalogue for reference.

We are looking for a successful working relationship with you and your esteemed company in the future.

Thanks & Best Regards,

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Thinn Thiri Thaw (Ms)

WhatsApp +95-9-423538874

thiri@kjt.co.jp

Kouei Japan Trading Co., Ltd. [JP] [EN]

| Japan | Vietnam | Myanmar | Bangladesh |



On Fri, Oct 18, 2024 at 4:09 PM Brienza, Dave <DBRIENZA@pitt.edu> wrote:

I am involved in a dispute between two bedding product manufacturers and the scope of this patent relating to its application to open-cell foam has been raised.

Thank you for your help.

From: Ly Bui <lybui@kjt.co.jp>

Date: Friday, October 18, 2024 at 12:50 AM

To: Brienza, Dave <DBRIENZA@pitt.edu>

Cc: Thinn Thiri <thiri@kjt.co.jp>, Ha Tran <hatran@kjt.co.jp>, Nyein Ei <nyein@kjt.co.jp>, Su Myat <su@kjt.co.jp>, Nguyen Dinh <nguyendinh@kjt.co.jp>

Subject: Re: US/UP/Foam

Dear Mr. David Breinza,

This is Ly on behalf of Ms. Thiri to reply to you.

Regarding your question,

The maker informed us that since it appears to be a special product, they are confirming the specifications with the patent applicant.

At the same time, could you kindly provide the below information?

- Background of this inquiry (project, end user, where and when you purchased from, the reason for the request, etc.). It is better if you provide much more details so the maker can understand the situation.
- Purpose of using the materials?

Looking forward to your reply.

Best Regards,

Ly Bui (Ms)

lybui@kjt.co.jp

Kouei Japan Trading Co., Ltd. [\[JP\]](#) [\[EN\]](#)

| Japan | Vietnam | Myanmar | Bangladesh |

On Wed, Oct 16, 2024 at 7:59 PM Brienza, Dave <DBRIENZA@pitt.edu> wrote:

I am trying to understand an old test report that included results from testing for a product is referred to as “product number ER-20 by INOAC Corporation”. It is included in a INOAC Japanese patent JP, 4817757, B2 from 2011. My primary question is:

Was the ER-20 foam an open-cell foam?

(19) 日本国特許庁 (JP)		(12) 特 許 公 報 (B2)		(11) 特許番号	
				特許第4817757号 (P4817757)	
(45) 発行日 平成23年11月16日 (2011. 11. 16)				(24) 登録日 平成23年9月9日 (2011. 9. 9)	
(51) Int. Cl.		F 1			
A 4 7 G 9/10 (2006.01)		A 4 7 G 9/10		Z	
請求項の数 3 (全 11 頁)					
(21) 出願番号	特願2005-245344 (P2005-245344)	(73) 特許権者	000119232		
(22) 出願日	平成17年8月26日 (2005. 8. 26)	株式会社イノアックコーポレーション			
(65) 公開番号	特開2007-54466 (P2007-54466A)	愛知県名古屋市中村区名駅南2丁目13番			
(43) 公開日	平成19年3月8日 (2007. 3. 8)	4号			
審査請求日	平成20年8月20日 (2008. 8. 20)	(74) 代理人	100098752		
		弁理士 吉田 吏規夫			
		(72) 発明者	太田 胆斗		
		愛知県安城市今池町3-1-36 株式会			
		社イノアックコーポレーション安城事業所			
		内			
		(72) 発明者	日下部 武則		
		愛知県安城市今池町3-1-36 株式会			
		社イノアックコーポレーション安城事業所			
		内			
最終頁に続く					

(54) 【発明の名称】 孔開き枕の製造方法

	実 施 例				参考例
	1	2	3	4	5
ホリオール(A-1)	50	60	70	80	市販の発泡体(*1)を80×350×500mmに裁断したものを使用
ホリオール(A-2)	50	40	30	20	
平均水酸基価(mgKOH/g)	143	164	185	207	
触媒	0.7	0.7	0.7	0.7	
発泡剤	1.3	1.3	1.3	1.3	
整泡剤	1.1	1.1	1.1	1.1	
イソシアネートインデックス	70	60	80	90	
密度(kg/m ³)	85	90	95	100	28
反発弾性率(%)	3	5	7	10	41
硬さ(N)	45	39	52	70	49
孔開け時の圧縮の有無	有り	有り	有り	有り	有り
圧縮率(%)	7	10	15	25	15
打ち抜き性	◎	◎	◎	◎	◎

(*1) 株式会社イノアックコーポレーション製、品番ER-20

(19) Japanese Patent Office (JP)

(12) Patent Publication (B2)

(11) Patent Number

JP, 4817757, B2

(P4817757)

(45) Date Issued: November 16, Heisei 23 (2011.11.16)

(24) Registration Date: September 9, Heisei 23 (2011.9.9)

(51) Int. Cl.

FI

A47G 9/10 (2006.01)

A47G 9/10

Z

Number of claims: 3 (11 pages total)

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(P2005-245344)

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(2005.8.26)

(65) Laid-open Disclosure No.: JP, 2007-54466A
(P2007-54466A)

(43) Laid-open Date: March 8, Heisei 19 (2007.3.8)
Examination requested on:
August 20, Heisei 20 (2008.8.20)

(73) Patentee: 000119232

INOAC Corporation

2-13-4 Meiekiminami, Nakamura Ward,

Nagoya City, Aichi Prefecture

(74) Agent: 100098752

Rikio Yoshida, Patent Attorney

(72) Inventor: Tanto Ohta

c/o: INOAC Corporation Anjo Office

3-1-36 Imaikecho, Anjo City, Aichi Prefecture

(72) Inventor: Takenori Kusakabe

c/o: INOAC Corporation Anjo Office

3-1-36 Imaikecho, Anjo City, Aichi Prefecture

Cont'd to the last page . . .

From: Thinn Thiri <thiri@kjt.co.jp>

Date: Wednesday, October 16, 2024 at 2:31 AM

To: Brienza, Dave <DBRIENZA@pitt.edu>

Cc: Ha Tran <hatran@kjt.co.jp>, Ly Bui <lybui@kjt.co.jp>, Nyein Ei <nyein@kjt.co.jp>, Su Myat <su@kjt.co.jp>, Nguyen Dinh <nguyendinh@kjt.co.jp>

Subject: US/UP/Foam

You don't often get email from thiri@kjt.co.jp. [Learn why this is important](#)

Dear Mr. David Breinza,

Thank you for your inquiry.

This is Thiri (Ms.) from Kouei Japan Trading Co., Ltd.

Regarding your inquiry, we are unable to identify with the model number **ER-20**.

To assist you further, could you please provide more details below:

- Prefer brand?
- Required Quantity?
- Is any origin acceptable?
- Product specification (drawing/dimension/material,...)?
- Current product photo/model if any?

Looking forward to hearing from you soon.

Thanks and regards

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Thinn Thiri Thaw (Ms)

WhatsApp +95-9-423538874

thiri@kjt.co.jp

Kouei Japan Trading Co., Ltd. [JP] [EN]

| Japan | Vietnam | Myanmar | Bangladesh |

from: University of Pittsburgh / David Breinza <DBRIENZA@pitt.edu>

Contents(Contact):

Hello, I am looking for information on a foam product of yours that was available back around 2011. It was referred to as ER-20. Do you have information on this product that you can send to me. Was this an open-cell foam product?

Thanks you