

15.

Cambridge, April 20 19 94

To the Honorable, the City Council of the
City of Cambridge:

The undersigned respectfully pray

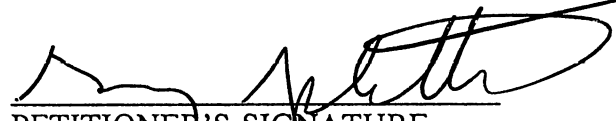
FPD Technology Inc., LOCATED AT 321 Boston Post Rd., Sudbury, MA
NAME OF PETITIONER OR BUSINESS ADDRESS

BE GRANTED PERMISSION FOR A/AN (☒) "A" FRAMED SIGN, () TABLE,

() SANDWICH BOARD, (☒) DISPLAY OF MERCHANDISE.

IN FRONT OF PREMISES NUMBERED See enclosed drawing, ON
ADDRESS WHERE SIGN WILL BE

Sundays (May to Nov.), FROM 9:00 AM TO 5:00 PM.


PETITIONER'S SIGNATURE

Gary Spletter
OFPRINT NAME HERE

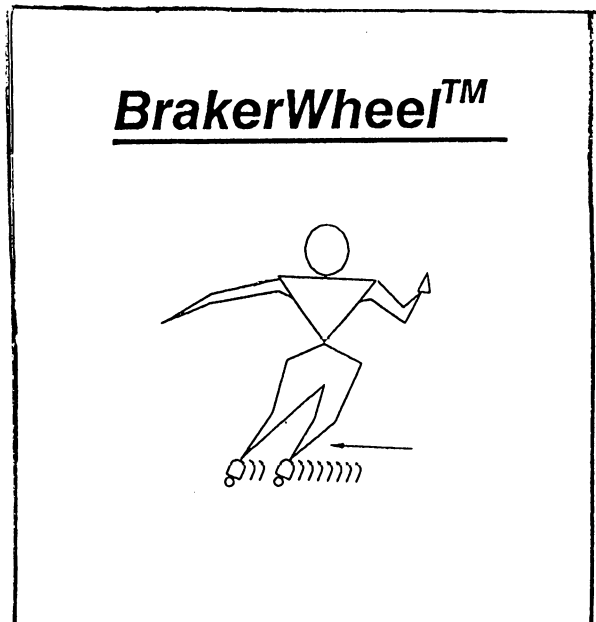
508 443-0840

TELEPHONE #

508 443-0565

ADDITIONAL PHONE #

PLEASE PROVIDE A SKETCH
YOUR SIGN HERE



PETITION

of _____

for _____

No. _____

_____ 19

In City Council,

19

Referred to the Committee on

Attest:

City Clerk.

Petition
of
FPD Technology, Inc.
For
A Framed Sign and Display of Merchandise

WHAT:

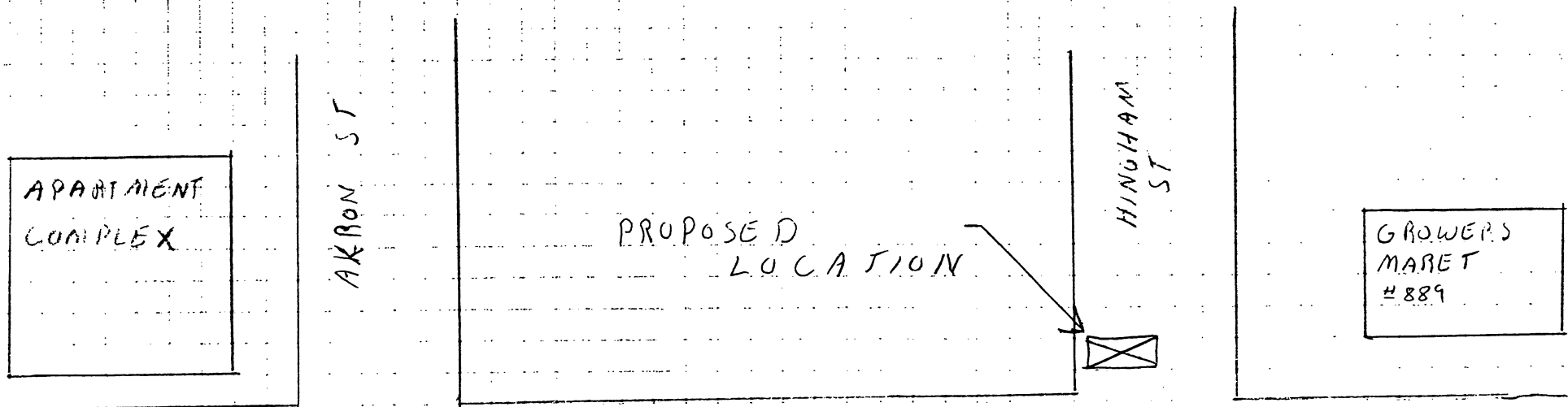
The product BrakerWheel™ is an in-line skate wheel that allows an in-line skater to stop in a manner similar to an ice hockey or ski stop. (See enclosed article) It is a fact that stopping on in-line skates is very difficult, and can be a hazardous in congested areas. BrakerWheel™ solves this problem. The unique braking action results from the friction created when the slip disks rotate in a transverse direction to the normal rotation of the wheel. This is accomplished by the skater performing a maneuver similar to an ice skating hockey stop or ski stop. We will only be selling the BrakerWheel™ wheels. These wheels can be installed on almost any skate. Thus, existing skaters can benefit.

WHEN: Sundays 9am to 5pm during months of May thru November.

WHERE: Corner of Hingham Street and Memorial Drive (See enclosed sketch.)

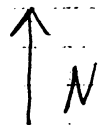
WHY:

Introduction of this new product promotes public safety. Gives the skater the control necessary to avoid collisions with other skaters, pedestrians and vehicles. These wheels amazingly will perform a stop on a downhill slope.



(CLOSED TO TRAFFIC ON SUNDAYS)

MEMORIAL DRIVE



4/20/94

FPD TECHNOLOGY INC.

PROPOSED LOCATION FOR SIGN
AND PRODUCT DISPLAY

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engineered with low rolling resistance in mind. The manufacturer claims that when you are rolling along, you can roll faster and farther with Cyko wheels than with others. Of course, everyone wants to claim that their wheels are the best, but when we put them to the standard 10 mph test using REMS (see The Wheel Truth, page 50), the new Velocity wheels out-performed other, older-model wheels by anywhere from five to 10 percent.

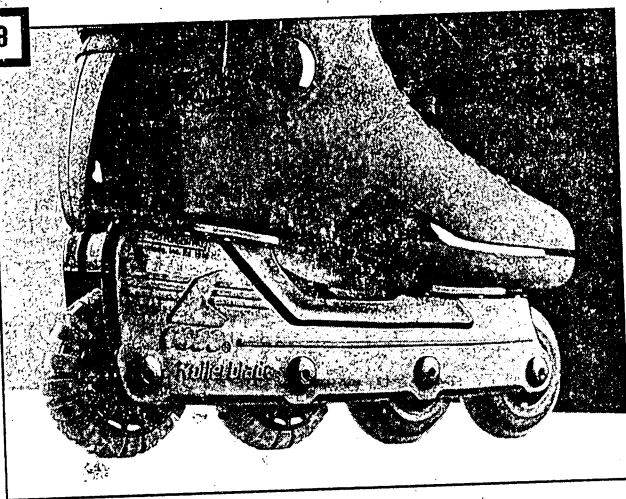
Cyko wheels have a unique Fan Blade Core, which dissipates heat by producing a cooling effect on the

is introducing a new wheel, the Monocoque. Wear-n-Tear's Monocoque wheel, which was dubbed the Indy wheel in production before undergoing a name change, has a few noticeable differences from other wheels. The biggest differences are that they: 1) weigh from 1/2 to 3/4 as much as other in-line

wheels, 2) use a composite hub design (Figure 8), and 3) offer the possibility for re-treading (yes, now you can put new urethane on the core, just like replacing a tire on your bicycle).

Both the Monocoque advanced composite wheel and the standard wheel come in 76mm and 80mm sizes, while the Monocoque Pro is the lighter model. The biggest advantages of these lighter wheels may be that they require less energy to lift up while you skate. Less energy means less fatigue, and you may even save a

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hub, bearings and urethane while you skate (Figure 7). This core is made up of reinforced nylon, to help it withstand the impact forces of urban skating (over cracks, uneven surfaces, etc.). They come in a variety of colors, including yellow, red and teal, based on their size and durometer.

For the ultimate in high-tech and environmental awareness, Wear-n-Tear, in a joint venture with Kryptonics, the leader in wheel sales,

Frank Fedel is a product evaluation specialist and sports performance researcher in Henry Ford Hospital in Detroit. He is also a marketing and new product development consultant.

Brakes

Since it's pretty obvious that most people have a difficult time

stopping on in-line skates, many companies have tried to come up with a useful, safe and inexpensive braking system. Well, at least two companies are now offering products that are targeted to that segment of skaters.

The first product, called the Breaker Wheel, works on a very interesting principle. The Breaker Wheel looks like a normal 70mm urethane wheel with one important difference: the urethane "tread" is made up of a few dozen slip disks (Figure 9). These slip disks are able to rotate sideways when you turn them perpendicular to your line of travel. This design provides a significant amount of friction to stopping; so that you can slow down and stop in a controlled fashion. This is unlike the skipping, sliding or sudden grabbing of the wheels (and crashing) that normally occurs if you try to stop sideways using conventional wheels.

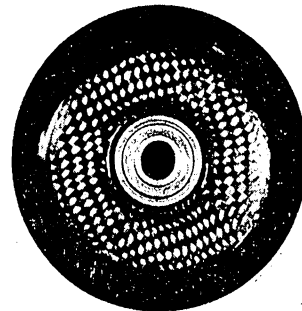
At first glance, it appears that these wheels might be difficult to use; however my product testers said that they worked fine, allowing "hockey-style stops" after trying them only a few times (while wearing all of their protective gear, of course). They also said that using the wheels was "fun" once they got the hang of distributing their weight properly to take full advantage of the system. In fact, freestyle skaters and dance skaters may find that the Breaker Wheel gives them more options in their routines.

The second safety-related product is the GRIP In-Line Speed Control system. The GRIP system is popular internationally and is based on some basic concepts from bicycle and automobile braking systems. It uses a hand-activated cable system (similar to bicycles) to apply the brakes to two wheels on each skate (Figure 10). The two Griptonite wheels that actually perform the stopping function are outfitted with GRIP's exclusive braking pads, similar to a car's drum brakes. When activated, the pads inside of the wheels' hubs cause the wheels to stop.

In our product testing, we

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Wear-n-Tear
AND
Tear



found that it took just a few minutes to get used to the system; stopping, slowing down and turning while using it for the first time. In fact, one of the testers said that the GRIP system is almost indispensable as a safety item for skating in suburbs, where cars don't always see you because of bushes, parked cars, etc.

Perhaps the most exciting part of the GRIP system is it's new,

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LOWER price for 1994: \$69.00. Of course, not everyone needs a braking system, but it certainly does afford an extra degree of confidence while you are skating. And who wants to be unsure of their safety while skating?

That just about wraps up the basics of what you can do to get your in-line skates ready for the summer. Again, remember that not all skates need a complete overhaul or parts to be replaced, but just like a nice car wash on the first sunny day of spring, having a few upgrades on your skates certainly won't hurt anything. Have fun with your new toys.

METRO SPORTS

M A G A Z I N E

April 1994

Volume 10 Number 4

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SPRING AT LAST



The Boston
Marathon

Running shops
& shoes

Skating

- Wheels, bearings, stunts
- Event calendar '94

Cycling

- Buying a mountain bike

Keith Brantley
Leading the
American Challenge
in Boston

Consent Communication #15

W-36

A petition was received from FPD Technology
requesting a permit to display merchandise and an
A frame sign at the corner of Hingham and Mem. Drive
on Sundays May - November 9 a.m. - 5p.m.

In City Council April 24, 1994

Referred to City Mgr.
w/ power. Copy sent 4/27/94
WCU